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RESULTS OF CALENDAR YEAR 1994 WELL INSPECTION AND MAINTENANCE PROGRAM Y-12 PLANT, OAK RIDGE, TENNESSEE

Bruce W. McMaster
Steven B. Jones
Janet L. Sitzler

June 1995

Environmental Management Department
Health, Safety, Environment, and Accountability Organization
Oak Ridge Y-12 Plant
Oak Ridge, Tennessee 37831

Managed by

LOCKHEED MARTIN ENERGY SYSTEMS, INC.
for the U. S. DEPARTMENT OF ENERGY
under contract DE-AC05-84OR21400

MANAGED BY
MARTIN MARIETTA ENERGY SYSTEMS, INC.
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1.0 INTRODUCTION AND BACKGROUND

This document is a compendium of results of the calendar year 1994 Monitor Well Inspection and Maintenance Program at the Department of Energy Y-12 Plant in Oak Ridge, Tennessee. This report documents the work relating to well inspections and maintenance requests. Inspections are implemented in order to better assess the condition and maintenance needs of wells that are actively being monitored. Currently this approach calls for inspecting all wells on a routine (annual or triennial) basis which are:

(1) in an active sampling program;
(2) included in a hydrologic study; or
(3) not in service, but not scheduled for plugging and abandonment.

Routine inspections help to ensure that representative groundwater samples and hydrologic data are being collected, and contribute to the life expectancy of each well. This report formally presents well inspection and maintenance activities that were conducted at the Y-12 Plant during 1994. All inspections were conducted between April and December.

1.1 GUIDELINES AND PURPOSE

Groundwater monitoring, well inspection and well maintenance is conducted as a principal element of the Oak Ridge Y-12 Plant Groundwater Protection Program (HSW, Inc., 1993). Objectives, technical approach, and responsible parties of the inspection and maintenance program are outlined in "Monitor Well Inspection and Maintenance Plan for the Department of Energy Y-12 Plant, Oak Ridge, Tennessee."(HSW, 1991). This plan specifies that annual inspections be conducted on all wells being actively monitored in the Y-12 Plant domain. Previous inspections and maintenance requests can be referenced in "Results of Calendar Year 1993 Monitor Well Inspection and Maintenance Program, Y-12 Plant, Oak Ridge, Tennessee"(McMaster, 1994).

The inspection of active and inactive wells, along with requests for maintenance of wells needing upgrading, involved a total of 658 wells. A summary of all wells inspected and maintenance activity is included, along with dates of inspection, well status, corresponding Groundwater Program Sampling and Analysis Plan addendums, and plugging and abandonment requests.

The current well inspection and maintenance plan (HSW, 1991) was implemented in July, 1991 with the intent of inspecting all active wells on a yearly basis. The remaining, or inactive wells, are to be inspected every three years unless they are incorporated into the active well network. Inspections for inactive wells conducted prior to June 1993 can be referenced in McMaster, 1992. The current report contains results of a triennial inspection of all wells within the Y-12 Groundwater Protection Program (GWPP) domain. Heretofore, wells which are sampled annually or semi-annually as part of the Y-12 GWPP Sampling and Analysis Plan will be classed as active status; all remaining wells classed as inactive. Wells with active status are inspected with regard to the criteria of a well inspection checklist created for the Y-12 Plant Well Maintenance Program. Inactive wells are checked for the same items, but require only a minimum of a cap and locking mechanism and identification markings. If a need arises to incorporate an inactive well into the active well network, the required upgraded maintenance can be performed at that time. Inactive wells at the Y-12 Plant are generally older generation wells, which have been utilized in earlier studies and are no longer being monitored. Securing and keeping inactive

wells that retain their integrity is useful and cost effective, as they may be incorporated into into future studies in lieu of installation of new wells.

Inactive wells which are determined to have been damaged and cannot be rehabilitated are scheduled for plugging and abandonment. Typical findings for wells needing plugging and abandonment include substandard well construction and damage to casings, screens, and open monitoring intervals.

1.2 METHOD

Procedure G-001 details the well inspection methodology and is contained in the well inspection and maintenance plan (HSW, 1991). A synopsis of the inspection method is presented below.

Well inspections consist of site visits to individual wells. Checklists are completed for all components of the condition of the well and its accessibility. Well inspection checklists are reviewed by the GWPP manager or designee to ensure that each well meets the established criteria and is satisfactory for use. If a well does not meet these criteria, the problems are identified and a request for well maintenance is issued for the necessary work. The type of maintenance required, along with a description of the requested maintenance activity, is recorded on the maintenance request form. Maintenance items are classed as either primary or secondary. Primary items are those which may affect the quality of groundwater samples and other hydrologic information. They include the condition of the well casing, well security, and condition of the screened or open interval. Secondary items are those which generally do not affect the integrity of representative groundwater samples and include well access, well identification, concrete pad, and protective posts.

The requested maintenance is performed and a follow-up inspection is done to ensure the work is acceptable. Detailed records of all inspections and maintenance performed on wells at the Y-12 Plant are kept by an authorized designee of the GWPP manager. A brief description of each inspection item is as follows:

(1) **Well Casing(s):** Wells at the Y-12 Plant are constructed with steel, stainless steel, or PVC casing and inspected for signs of physical deterioration that may affect the structural integrity of the well (such as cracks, corrosion, breaks, or bends). The exposed portion of the annular grout seal is also inspected for signs of deterioration, such as a loose well casing. Some wells located in high traffic areas may be accessed via flush-mount manholes. Wells with this type of completion are inspected for proper installation of the manhole; checking the condition of manhole cover and seal; and determining the condition of the well casing and exposed portion of the annular grout seal in the manhole itself.

(2) **Surface Seal (Concrete Pad):** A surface seal of neat cement or concrete surrounds the well casing to prevent surface runoff from entering and infiltrating down the annulus of the well. The surface seal is inspected for cracks and deterioration.

3) **Protective Posts:** To protect the well from collision damage, guardposts are installed around a well. Posts are inspected for proper height (minimum of 3 ft); presence and condition of high-traffic yellow paint; and proper positioning between the well and traffic approach.

(4) **Hasp, Cap, and Lock:** All wells at the Y-12 Plant are equipped with caps and locks to prevent unauthorized entry. Steel slip-on caps, (or aluminum caps with collars for 7-in. casing stick-ups) are used for both stainless steel and carbon steel casings, and PVC screw-down or watertight caps for PVC casings. Locks are inspected for corrosion or malfunction and are replaced, if damaged or otherwise unusable.

(5) **Well Identification:** Wells are inspected to ensure that stainless steel identification tags are attached to the well casing and that any additional required identifying markings are present. The stainless steel tag is required for active wells.

(6) **Well Access:** All active monitoring wells must be accessible by road and each access road is inspected for wash-outs, fallen trees, construction fencing, or site closure activities that may result in the isolation of a well.

(7) **Sediment Accumulation Requiring Downhole Maintenance:** Many wells accumulate sediment at the bottom which may plug the screen or open interval if the well is not properly developed. This can affect the performance of the well and possibly the quality of chemical analyses. Inspections are made for sediment accumulation through measurements of well depth and comparisons with well construction information. If twenty percent or greater of the screened or open interval is found to be filled with sediment, steps are taken to rehabilitate the well and clear the interval.

Well depth discrepancy may also reflect an error in the original well construction information. A number of older generation wells had depth discrepancies and were found to be several feet deeper or several feet shallower than historical records indicated, even when no sediment accumulation or obstruction was found to be present. It is also suspected that in some cases, survey data concerning ground surface elevation for a well may have been inadvertently used as the top of casing elevation, causing the recorded constructed well depth to differ by approximately the height of the casing stick-up.

Depth discrepancies are noted in the comments section of the well inspection form. If the total constructed depth of a well that has been determined to need rehabilitation cannot be recovered, and the redevelopment progress is deemed satisfactory through oversight, the subsurface data base manager at the Y-12 Plant is notified and appropriate comments regarding the depth discrepancy are then included with the original well construction data.

2.0 EXPLANATION OF APPENDICES

Appendix A: Well Inspection/Maintenance Summary

This appendix is a summary of all wells inspected between April and December 1994, at the Y-12 Plant. Wells are listed with their corresponding checklist number, date of the inspection of the well, well status, maintenance request number (if the well needs maintenance or upgrading), plugging and abandonment request number (if the well is damaged beyond repair), and corresponding Sampling and Analysis Plan addendums if they reflect any change in well status.

Appendix B: Active Well Inspections

Lists individual inspections of wells classified as active (currently being sampled) at the Y-12 Plant. Inspections for each well include primary and secondary inspection items. Primary items are those components of a monitor well that ensure groundwater samples and hydrologic information collected from the well are representative of aquifer condition. These components include condition of the well casing, screened or open interval of the well, and well security. Secondary inspection items are those components of a well that generally do not affect the collection of representative groundwater quality samples or hydrologic information. These include well access, well identification, a surface concrete pad, and protective guard posts.

Wells that are currently being sampled on a quarterly basis as part of the Y-12 monitoring network (approximately 200 wells) receive priority for well maintenance work. Components of the well inspection checklist are most strictly applied to these wells.

Appendix C: Inactive Well Inspections

Appendix C contains individual inspections of wells classified as inactive, or wells not currently being sampled. Inactive wells are inspected for the same criteria as active wells, but are required only to have caps, a locking mechanism, and identification markings. If the well is reactivated, the other inspection items are upgraded to the criteria of an active well.

Appendix D: Requests for Well Resurveys

Appendix D lists requests for wells needing to be resurveyed due to casing height alteration, or if a question exists concerning the location of a well.

Appendix E: Completed Well Maintenance Requests

Appendix E documents maintenance performed on individual wells pertaining to inspections and other routine maintenance needs.

3.0 REFERENCES

HSW, Inc., 1991. Monitor Well Inspection And Maintenance Plan, Oak Ridge, Y-12 Plant, Y/SUB/91-YP507C/5.

HSW, Inc., 1993. Oak Ridge Y-12 Plant Groundwater Protection Program Management Plan, Y/SUB/93-YP507C/4.

McMaster, B.W., 1992. Results of Fiscal Year 1992 Well Inspection and Maintenance Program, Y-12 Plant, Oak Ridge, Tennessee. Y/TS-911.

McMaster, B.W., 1994. Results of Calendar Year 1993 Monitor Well Inspection and Maintenance Program, Y-12 Plant, Oak Ridge, Tennessee. Y/TS-1207.

APPENDIX A
WELL INSPECTION/MAINTENANCE SUMMARY

EXPLANATION

Inspection Checklist Number

94-001 - Unique number assigned to each well: two-digit number designating the inspection year (calendar) followed by a three-digit number.

Current Status

A - Active Well, to be reinspected each calendar year
I - Inactive Well, to be reinspected once every three calendar years

Change in Status/Effective Date

Indicates if the status of the well changed as a result of a Sampling and Analysis Plan addendum during CY 1994. Effective date of the status change is also provided.

SAP Addendum Number

Sampling and Analysis Plan Addenda issued, which changed the status of a monitoring well.

Plugging and Abandonment Request Number

94-001P/A - First well requested to be plugged and abandoned in 1994.

Maintenance Request Number

94-001P - Primary maintenance required, first maintenance request of CY 1994
94-002S - Secondary maintenance required, second maintenance request of CY 1994
94-003PS - Primary and secondary maintenance required, third maintenance request of CY 1994

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
1004	S3	I	no		94-007P/A	10/1/94	94-207	8/18/94	
1034	BG	I	no		94-009P/A	10/1/94	94-368	11/2/94	
1082	ORSF	I	no				94-256	9/22/94	
1084	ORSF	I	no				94-264	9/26/94	
1090	UNC	A	no				94-347	11/1/94	94-061S
1095	CRSDB	I	no				94-238	9/21/94	
1096	CRSDB	I	no				94-230	9/20/94	
1101	FAP	I	no		94-014P/A	11/10/94	94-411	11/10/94	
1102	FAP	I	no		94-014P/A	11/10/94	94-416	11/10/94	
1103	FAP	I	no		94-014P/A	11/10/94	94-418	11/10/94	
1104	FAP	I	no		94-014P/A	11/10/94	94-417	11/10/94	
1105	FAP	I	no		94-014P/A	11/10/94	94-415	11/10/94	
1106	FAP	I	no		94-014P/A	11/10/94	94-414	11/10/94	
1107	FAP	I	no		94-014P/A	11/10/94	94-412	11/10/94	
1108	FAP	I	no		94-014P/A	11/10/94	94-413	11/10/94	
1109	FAP	I	no		94-014P/A	11/10/94	94-419	11/10/94	
1110	FAP	I	no		94-014P/A	11/10/94	94-420	11/10/94	
53-1A	Y-12	I	no				94-462	11/17/94	
54-2A	Y-12	I	no				94-502	12/15/94	
55-1A	Y-12	I	no				94-452	11/16/94	
55-1B	Y-12	I	no				94-451	11/16/94	
55-1C	Y-12	I	no				94-450	11/16/94	
55-2A	Y-12	I	no				94-449	11/16/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
55-2B	Y-12	I	no				94-448	11/16/94	
55-2C	Y-12	I	no				94-447	11/16/94	
55-3A	Y-12	I	no				94-446	11/16/94	
55-3B	Y-12	I	no				94-445	11/16/94	
55-3C	Y-12	I	no				94-444	11/16/94	
55-4B	Y-12	I	no				94-457	11/17/94	
55-4C	Y-12	I	no				94-458	11/17/94	
55-5A	Y-12	I	no				94-456	11/17/94	
55-6A	Y-12	I	no				94-455	11/17/94	
56-1A	Y-12	I	no				94-454	11/17/94	
56-1C	Y-12	I	no				94-453	11/17/94	
56-2A	Y-12	I	no				94-442	11/16/94	
56-2B	Y-12	I	no				94-441	11/16/94	
56-2C	Y-12	I	no				94-443	11/16/94	
56-3A	Y-12	I	no				94-440	11/16/94	
56-3B	Y-12	I	no				94-439	11/16/94	
56-3C	Y-12	I	no				94-438	11/16/94	
56-4A	Y-12	I	no				94-435	11/16/94	
56-4B	Y-12	I	no				94-434	11/16/94	
56-4C	Y-12	I	no				94-433	11/16/94	
56-6A	Y-12	I	no				94-437	11/16/94	
56-7A	Y-12	I	no				94-430	11/16/94	
56-8A	Y-12	I	no				94-431	11/16/94	
56-9A	Y-12	I	no				94-432	11/16/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
58-2A	Y-12	I	no				94-490	12/15/94	
CH-143	KHQ	I	no				94-334	11/1/94	
CH-157	CRSDB	I	no				94-236	9/21/94	
CH-185	RQ	I	no				94-664	12/6/94	
CH-189	RQ	I	no				94-663	12/6/94	
GW-001	OL	I	no				94-205	8/18/94	
GW-002	OL	I	no				94-208	8/18/94	
GW-005	OL	I	no				94-285	10/7/94	
GW-006	OL	I	no				94-463	11/30/94	94-059S, 94-062P
GW-007	OL	I	no		94-011P/A	10/1/94	94-288	10/7/94	
GW-008	OL	I	no				94-291	10/7/94	
GW-010	OL	I	no				94-295	10/7/94	
GW-011	OL	I	no				94-293	10/7/94	
GW-012	OL	I	no				94-294	10/7/94	
GW-013	OL	I	no				94-296	10/7/94	94-036S
GW-014	BG	I	no				94-127	8/3/94	
GW-015	BG	I	no				94-128	8/3/94	
GW-016	BG	I	no				94-183	8/9/94	
GW-017	BG	I	no				94-392	11/7/94	
GW-018	BG	I	no				94-284	9/29/94	94-036S
GW-040	BG	A	no				94-464	11/30/94	
GW-041	BG	I	no				94-466	11/30/94	
GW-042	BG	A	no				94-465	11/30/94	
GW-043	BG	A	no				94-322	10/28/94	94-003S

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-044	BG	A	no				94-321	10/28/94	94-003S
GW-045	BG	I	no				94-394	11/7/94	
GW-046	BG	I	no				94-325	10/28/94	
GW-047	BG	A	no				94-129	8/3/94	
GW-048	BG	I	no		94-005P/A	10/1/94	94-182	8/9/94	
GW-049	BG	I	no		94-006P/A	10/1/94	94-179	8/9/94	
GW-050	BG	I	no				94-175	8/8/94	
GW-051	BG	I	no				94-324	10/28/94	
GW-052	BG	I	yes	94-06		1/1/94	94-397	11/7/94	
GW-053	BG	A	no				94-393	11/7/94	
GW-054	BG	I	no				94-331	10/28/94	94-023S
GW-055	BG	I	no				94-089	7/20/94	94-023S
GW-056	BG	A	no				94-092	7/20/94	
GW-057	BG	A	no				94-091	7/20/94	
GW-058	BG	I	no				94-094	7/20/94	
GW-059	BG	I	no				94-095	7/20/94	
GW-060	BG	I	no		94-004P/A	10/1/94	94-088	7/19/94	
GW-061	BG	A	no				94-087	7/19/94	
GW-062	OL	I	no				94-142	8/4/94	
GW-064	OL	A	no				94-402	11/7/94	94-040S
GW-065	OL	I	no				94-162	8/8/94	
GW-066	OL	I	no				94-160	8/8/94	
GW-067	OL	I	no				94-161	8/8/94	94-042S
GW-068	BG	I	no				94-326	10/28/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-069	BG	A	no				94-283	9/29/94	
GW-070	BG	I	no				94-282	9/29/94	
GW-071	BG	I	no				94-184	8/9/94	
GW-072	BG	I	no				94-185	8/9/94	
GW-073	OL	I	no				94-330	10/28/94	
GW-074	OL	I	no				94-292	10/7/94	94-055P
GW-075	OL	I	no				94-289	10/7/94	
GW-076	OL	I	no				94-286	10/7/94	
GW-077	BG	I	no				94-072	7/19/94	
GW-078	BG	I	no				94-073	7/19/94	
GW-079	BG	A	no				94-075	7/19/94	94-035S
GW-080	BG	A	no				94-076	7/19/94	94-035S
GW-081	BG	I	no				94-398	11/7/94	
GW-082	BG	I	no				94-468	11/30/94	
GW-083	BG	I	no				94-369	11/2/94	
GW-084	OL	A	no				94-323	10/28/94	
GW-085	OL	A	no				94-166	8/8/94	94-030S
GW-086	OL	I	no				94-165	8/8/94	
GW-087	OL	I	no				94-520	12/20/94	
GW-089	BG	I	no				94-467	11/30/94	94-037S
GW-090	BG	I	no				94-400	11/7/94	
GW-091	BG	I	no				94-399	11/7/94	
GW-094	BG	I	no				94-086	7/19/94	
GW-095	BG	A	no				94-395	11/7/94	94-064P

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-096	BG	I	no				94-469	11/30/94	
GW-096A	BG	I	no		94-008P/A	10/1/94	94-177	8/9/94	
GW-097	OL	I	no				94-328	10/28/94	
GW-097A	OL	I	no				94-327	10/28/94	
GW-098	OL	I	no				94-329	10/28/94	
GW-100	S3	I	no				94-472	12/6/94	
GW-101	S3	I	no				94-570	11/21/94	
GW-105	S3	I	no				94-572	11/21/94	
GW-106	S3	I	no				94-571	11/21/94	
GW-107	S3	I	no				94-544	12/22/94	
GW-108	S3	I	no				94-543	12/22/94	
GW-109	S3	I	no				94-542	12/22/94	
GW-112	GC	I	no				94-303	10/20/94	
GW-113	GC	I	no				94-302	10/20/94	
GW-115	S3	A	no				94-545	12/22/94	
GW-117	BG	I	no				94-085	7/19/94	94-039S
GW-118	BG	I	no				94-396	11/7/94	
GW-119	BG	I	no				94-176	8/9/94	
GW-120	OL	I	no				94-195	8/15/94	
GW-121	OL	I	no				94-290	10/7/94	
GW-122	S3	I	no				94-537	12/22/94	
GW-123	S3	I	no				94-538	12/22/94	
GW-124	S3	I	no				94-540	12/22/94	94-044S
GW-125	S3	I	no				94-539	12/22/94	94-044S

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-126	BG	I	no				94-080	7/19/94	
GW-127	S3	I	no				94-476	12/6/94	
GW-131	SR	I	no				94-660	12/6/94	
GW-132	S3	I	no				94-661	12/6/94	
GW-133	S3	I	no				94-662	12/6/94	
GW-134	S3	I	no				94-483	12/6/94	
GW-135	S3	I	no				94-484	12/6/94	94-021S
GW-136	GBR	I	no				94-599	6/15/94	
GW-141	LF IV	A	no				94-071	7/6/94	
GW-142	KHQ	A	no				94-332	11/1/94	94-060S
GW-143	KHQ	A	no				94-336	11/1/94	94-060S
GW-144	KHQ	A	no				94-333	11/1/94	94-060S
GW-145	KHQ	A	no				94-338	11/1/94	94-005S, 94-060S
GW-146	KHQ	A	no				94-337	11/1/94	94-005S, 94-048P
GW-147	KHQ	A	no				94-339	11/1/94	94-060S
GW-148	NHP	A	yes	94-26		10/1/94	94-278	9/27/94	
GW-149	NHP	A	yes	94-26		10/1/94	94-277	9/27/94	
GW-150	NHP	I	no				94-428	11/14/94	94-053S
GW-151	NHP	A	no				94-429	11/14/94	94-053S
GW-152	NHP	I	no				94-280	9/27/94	94-044S, 94-054S
GW-153	NHP	A	yes	94-26		10/1/94	94-279	9/27/94	94-054S
GW-154	NHP	A	yes	94-26		10/1/94	94-551	12/22/94	
GW-156	CRSDB	A	no				94-235	9/21/94	
GW-158	CRSDB	A	no				94-221	9/20/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change in Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-159	CRSDB	A	no				94-232	9/21/94	94-036S
GW-160	IL III	A	no				94-228	9/20/94	94-036S, 94-056PS
GW-161	IL III	A	no				94-227	9/20/94	94-036S
GW-162	BG	A	no				94-196	8/15/94	
GW-163	BG	I	no				94-197	8/15/94	
GW-164	BG	I	no				94-198	8/15/94	
GW-165	CRDT-10	I	no				94-096	7/20/94	
GW-166	CRDT-10	I	no				94-097	7/20/94	
GW-167	USGS	I	no				94-247	9/22/94	94-036S
GW-168	USGS	I	no				94-246	9/22/94	94-036S
GW-169	USGS	A	no				94-422	11/14/94	
GW-170	USGS	A	no				94-421	11/14/94	94-004P, 94-043S
GW-171	USGS	A	yes	94-12		4/1/94	94-573	11/21/94	94-017PS, 94-051S
GW-172	USGS	A	yes	94-12		4/1/94	94-574	11/21/94	94-019PS
GW-173	CRSP	I	no				94-353	11/1/94	94-037S
GW-174	CRSP	I	no				94-354	11/1/94	94-061S
GW-175	CRSP	A	no				94-344	11/1/94	
GW-176	CRSP	I	no				94-359	11/1/94	94-061S
GW-177	CRSP	A	no				94-361	11/1/94	
GW-178	CRSP	I	no				94-358	11/1/94	94-061S
GW-179	CRSP	I	no				94-356	11/1/94	
GW-180	CRSP	I	no				94-355	11/1/94	
GW-181	CRSP	A	no				94-314	10/25/94	94-058PS
GW-183	FF	I	no				94-550	12/22/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-184	RQ	A	no				94-248	9/22/94	
GW-185	RQ	I	no				94-426	11/14/94	
GW-186	RQ	A	no				94-425	11/14/94	94-036S
GW-187	RQ	A	no				94-254	9/22/94	94-041S
GW-188	RQ	A	no				94-251	9/22/94	94-041S
GW-189	RQ	I	no				94-424	11/14/94	
GW-190	Y-12	I	yes	94-04		12/21/93	94-567	11/18/94	
GW-191	B-4	A	no				94-109	7/25/94	
GW-192	B-4	A	no				94-110	7/25/94	
GW-193	Y-12	I	no				94-489	12/15/94	
GW-194	B-4	A	no				94-107	7/25/94	
GW-195	B-4	A	no				94-108	7/25/94	
GW-196	B-4	I	no				94-459	11/17/94	
GW-197	B-4	I	no				94-554	12/20/94	
GW-198	RDS	I	no				94-382	11/2/94	
GW-199	RDS	A	no				94-380	11/2/94	
GW-200	RDS	I	no				94-384	11/2/94	
GW-201	RDS	I	no				94-385	11/2/94	
GW-202	RDS	I	no				94-383	11/2/94	
GW-203	UNC	A	no				94-351	11/1/94	
GW-204	Y-12	I	no				94-436	11/16/94	
GW-205	UNC	A	no				94-348	11/1/94	
GW-207	USGS	A	no				94-565	11/18/94	
GW-208	USGS	A	no				94-566	11/18/94	94-063P

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-209	USGS	I	no		94-012P/A	10/21/94	94-297	10/20/94	
GW-210	USGS	I	no				94-298	10/20/94	
GW-211	USGS	I	no				94-299	10/20/94	
GW-212	USGS	I	no				94-576	11/22/94	
GW-214	USGS	I	no				94-577	11/22/94	
GW-215	USGS	I	no		94-015P/A	11/22/94	94-578	11/22/94	
GW-217	LF IV	A	no				94-209	8/18/94	94-021S
GW-218	UOV	I	no				94-509	12/20/94	
GW-219	UOV	I	no				94-510	12/20/94	
GW-220	NHP	A	no				94-427	11/14/94	94-053S
GW-221	UNC	A	no				94-352	11/1/94	
GW-222	NHP	A	yes	94-26		10/1/94	94-552	12/22/94	94-044S
GW-223	NHP	A	yes	94-26		10/1/94	94-553	12/22/94	94-044S
GW-224	RQ	I	no				94-255	9/22/94	
GW-225	OL	I	no				94-137	8/4/94	
GW-226	OL	I	no				94-138	8/4/94	
GW-227	OL	I	no				94-569	11/21/94	
GW-228	OL	I	no				94-139	8/4/94	
GW-229	OL	I	no				94-140	8/4/94	
GW-230	USGS	A	yes	94-12		4/1/94	94-575	11/21/94	94-018PS
GW-231	KHQ	A	no				94-335	11/1/94	94-060S
GW-232	USGS	A	no				94-423	11/14/94	94-043S
GW-236	S3	I	no				94-208	8/18/94	
GW-237	BG	I	no				94-178	8/9/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-238	USGS	I	no				94-579	11/22/94	
GW-239	USGS	I	no				94-245	9/22/94	94-036S
GW-240	NHP	A	no				94-281	9/27/94	94-044S, 94-054S
GW-241	CRSDB	A	no				94-222	9/20/94	94-002P
GW-242	Y-12	I	no				94-558	11/18/94	
GW-243	S3	I	yes	94-20		5/9/94	94-482	12/6/94	
GW-244	S3	I	no				94-478	12/6/94	94-016S
GW-245	S3	I	no				94-479	12/6/94	94-016S
GW-246	S3	I	no				94-480	12/6/94	
GW-247	S3	I	no				94-481	12/6/94	
GW-248	BG	I	no				94-363	11/2/94	
GW-249	BG	I	no				94-364	11/2/94	
GW-250	BG	I	no				94-365	11/2/94	
GW-251	S2	A	no				94-340	11/1/94	
GW-252	S2	A	no				94-341	11/1/94	
GW-253	S2	I	no				94-343	11/1/94	94-037S
GW-255	S2	A	no				94-342	11/1/94	
GW-257	BG	I	no				94-362	11/2/94	
GW-258	BG	I	no				94-375	11/2/94	
GW-259	BG	I	no				94-374	11/2/94	
GW-261	SY	A	no				94-549	12/22/94	
GW-262	SY	A	no				94-548	12/22/94	
GW-263	SY	A	no				94-559	11/18/94	
GW-264	SY	A	no				94-560	11/18/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-265	SY	I	no				94-557	12/20/94	
GW-268	SY	I	no				94-487	12/16/94	
GW-269	SY	I	no				94-491	12/15/94	
GW-270	SY	I	no				94-555	12/20/94	
GW-271	SY	I	no				94-556	12/20/94	
GW-272	SY	I	no				94-492	12/15/94	
GW-273	SY	I	no				94-488	12/16/94	
GW-274	SY	I	no				94-485	12/16/94	
GW-275	SY	I	no				94-486	12/16/94	
GW-276	S3	A	yes	94-05		3/10/94	94-546	12/22/94	
GW-277	S3	I	no				94-547	12/22/94	
GW-286	BG	I	no				94-370	11/2/94	
GW-287	BG	A	no				94-371	11/2/94	
GW-288	BG	I	no				94-366	11/2/94	
GW-289	BG	I	no				94-367	11/2/94	
GW-290	BG	I	no				94-372	11/2/94	
GW-291	BG	I	no				94-373	11/2/94	
GW-292	ECRWP	A	no				94-379	11/2/94	
GW-293	ECRWP	A	no				94-378	11/2/94	
GW-294	ECRWP	A	no				94-377	11/2/94	
GW-295	IL III	I	no		94-003P/A	9/20/94	94-229	9/20/94	94-036S
GW-296	ECRWP	A	no				94-376	11/2/94	
GW-298	IL III	A	no				94-223	9/20/94	94-036S
GW-299	IL III	A	no				94-224	9/20/94	94-036S

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-300	IL III	A	no				94-225	9/20/94	94-036S
GW-301	IL III	A	no				94-226	9/20/94	94-036S
GW-302	UNC	A	no				94-350	11/1/94	94-061S
GW-303	CRSDB	A	no				94-237	9/21/94	94-022P
GW-304	CRSDB	A	no				94-231	9/20/94	94-036S
GW-305	LF IV	A	no				94-408	11/10/94	
GW-306	RS	I	no				94-152	8/4/94	94-044S
GW-307	RS	I	no				94-151	8/4/94	94-044S
GW-308	RS	I	no				94-150	8/4/94	94-044S
GW-309	RS	I	no				94-149	8/4/94	
GW-310	RS	I	no				94-148	8/4/94	94-044S
GW-311	RS	A	no				94-146	8/4/94	94-044S
GW-312	RS	A	no				94-147	8/4/94	
GW-313	SPI	I	no				94-212	8/18/94	
GW-314	SPI	I	no				94-213	8/18/94	
GW-315	SPI	A	no				94-214	8/18/94	
GW-316	SPI	I	no				94-210	8/18/94	94-052P
GW-317	SPI	A	no				94-211	8/18/94	94-052P
GW-318	RQ	I	no				94-252	9/22/94	
GW-319	RQ	I	no				94-253	9/22/94	
GW-320	FAP	I	no				94-250	9/22/94	
GW-321	FAP	A	no				94-249	9/22/94	94-037S
GW-322	CRSP	I	no				94-357	11/1/94	94-061S
GW-323	SPI	I	no				94-407	11/10/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-324	S3	I	yes	94-16		4/1/94	94-190	8/10/94	94-009S, 94-040S
GW-325	S3	I	yes	94-16		4/1/94	94-189	8/10/94	94-009S, 94-040S
GW-331	WCPA	I	no				94-501	12/15/94	
GW-332	WCPA	I	no				94-500	12/15/94	
GW-333	WCPA	I	no				94-499	12/15/94	
GW-334	WCPA	I	no				94-498	12/15/94	
GW-335	WCPA	I	no				94-497	12/15/94	
GW-336	WCPA	I	no				94-496	12/15/94	
GW-337	WCPA	A	no				94-495	12/15/94	
GW-338	WCPA	A	no				94-106	7/25/94	
GW-339	UNC	A	no				94-349	11/1/94	94-061S
GW-342	BG	I	yes	94-08		3/14/94	94-564	11/21/94	94-007S
GW-343	BG	I	no				94-580	11/22/94	94-007S
GW-344	BG	I	no				94-581	11/22/94	
GW-345	S3	I	yes	94-16		4/1/94	94-475	12/6/94	
GW-346	S3	I	no				94-474	12/6/94	
GW-347	S3	A	no				94-145	8/4/94	94-036S
GW-348	S3	A	no				94-144	8/4/94	94-036S
GW-349	S2	I	no				94-460	11/17/94	
GW-350	S2	I	no				94-461	11/17/94	
GW-363	LFI	A	no				94-136	8/4/94	
GW-364	OL	I	no				94-122	7/28/94	
GW-365	OL	I	no				94-121	7/28/94	
GW-366	OL	I	no				94-124	7/28/94	94-065S

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-367	OL	I	no				94-123	7/28/94	94-065S
GW-368	OL	I	no				94-191	8/15/94	94-026S
GW-369	OL	I	no				94-192	8/15/94	94-026S
GW-370	BG	A	no				94-204	8/18/94	94-036S, 94-040S
GW-371	BG	I	no				94-203	8/18/94	94-036S, 94-040S
GW-372	BG	A	no				94-201	8/18/94	94-040S
GW-373	BG	A	no				94-200	8/18/94	94-040S
GW-374	BG	I	no				94-130	8/3/94	
GW-375	BG	I	no				94-561	11/18/94	
GW-376	LDS	I	no				94-562	11/18/94	
GW-380	NHP	A	no				94-513	12/20/94	
GW-381	NHP	A	no				94-514	12/20/94	
GW-382	NHP	A	no				94-515	12/20/94	
GW-383	NHP	A	no				94-276	9/27/94	
GW-384	NHP	A	no				94-274	9/27/94	
GW-385	NHP	A	no				94-275	9/27/94	
GW-400	GBR	I	no				94-645	7/8/94	
GW-401	GBR	I	no				94-643	7/8/94	
GW-402	GBR	I	no				94-642	7/7/94	
GW-403	GBR	I	no				94-617	6/16/94	
GW-405	GBR	I	no				94-646	7/8/94	
GW-406	GBR	I	no				94-647	7/8/94	
GW-407	GBR	I	no				94-649	7/8/94	
GW-408	GBR	I	no				94-648	7/8/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-409	GBR	I	no				94-628	6/17/94	
GW-410	GBR	I	no				94-627	6/17/94	
GW-411	GBR	I	no				94-625	6/17/94	
GW-412	GBR	I	no				94-626	6/17/94	
GW-413	GBR	I	no				94-624	6/17/94	
GW-414	GBR	I	no				94-623	6/17/94	
GW-415	GBR	I	no				94-621	6/17/94	
GW-416	GBR	I	no				94-622	6/17/94	
GW-417	GBR	I	no				94-620	6/17/94	
GW-418	GBR	I	no				94-619	6/17/94	
GW-419	GBR	I	no				94-631	7/7/94	
GW-420	GBR	I	no				94-632	7/7/94	
GW-421	GBR	I	no				94-639	7/7/94	
GW-422	GBR	I	no				94-640	7/7/94	
GW-423	GBR	I	no				94-634	7/7/94	
GW-424	GBR	I	no				94-633	7/7/94	
GW-425	GBR	I	no				94-635	7/7/94	
GW-426	GBR	I	no				94-636	7/7/94	
GW-427	GBR	I	no				94-638	7/7/94	
GW-428	GBR	I	no				94-637	7/7/94	
GW-429	GBR	I	no				94-616	6/16/94	
GW-430	GBR	I	no				94-618	6/16/94	
GW-431	GBR	I	no				94-650	7/8/94	
GW-432	GBR	I	no				94-651	7/8/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-433	GBR	I	no				94-629	6/17/94	
GW-434	GBR	I	no				94-630	6/17/94	
GW-435	GBR	I	no				94-613	6/16/94	
GW-436	GBR	I	no				94-612	6/16/94	
GW-437	GBR	I	no				94-609	6/16/94	
GW-438	GBR	I	no				94-608	6/16/94	
GW-439	GBR	I	no				94-606	6/15/94	
GW-440	GBR	I	no				94-607	6/15/94	
GW-441	GBR	I	no				94-615	6/16/94	
GW-442	GBR	I	no				94-614	6/16/94	
GW-443	GBR	I	no				94-601	6/15/94	
GW-445	GBR	I	no				94-602	6/15/94	
GW-447	GBR	I	no				94-603	6/15/94	
GW-448	GBR	I	no				94-604	6/15/94	
GW-449	GBR	I	no				94-610	6/16/94	
GW-450	GBR	I	no				94-611	6/16/94	
GW-451	GBR	I	no				94-594	6/14/94	
GW-452	GBR	I	no				94-597	6/15/94	
GW-453	GBR	I	no				94-652	7/8/94	
GW-463	GBR	I	no				94-657	7/12/94	
GW-464	GBR	I	no				94-655	7/8/94	
GW-465	GBR	I	no				94-656	7/8/94	
GW-466	GBR	I	no				94-653	7/8/94	
GW-467	GBR	I	no				94-654	7/8/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-468	GBR	I	no				94-658	7/12/94	
GW-469	GBR	I	no				94-644	7/8/94	
GW-470	GBR	I	no				94-641	7/7/94	
GW-472	GBR	I	no				94-600	6/15/94	
GW-505	RG	I	no				94-536	12/21/94	
GW-508	RG	I	no				94-563	11/18/94	
GW-511	CRSP	A	no				94-315	10/25/94	
GW-512	FAP	A	no				94-318	10/25/94	94-036S
GW-513	FAP	A	no				94-317	10/25/94	94-036S
GW-514	FAP	A	no				94-319	10/25/94	94-036S
GW-520	OL	I	no				94-125	7/28/94	94-065S
GW-521	LF IV	A	no				94-409	11/10/94	
GW-522	LF IV	A	no				94-410	11/10/94	
GW-526	S 3	I	no				94-473	12/6/94	
GW-531	LDS	I	no				94-168	8/8/94	
GW-532	LDS	I	no				94-167	8/8/94	
GW-533	LDS	I	no				94-169	8/8/94	
GW-534	LDS	I	no				94-170	8/8/94	
GW-535	LDS	I	no				94-172	8/8/94	
GW-537	LDS	A	no				94-174	8/8/94	
GW-538	LDS	I	no				94-171	8/8/94	
GW-539	SL II EXP	A	no				94-258	9/23/94	
GW-540	SL II EXP	A	no				94-266	9/26/94	
GW-541	SL II EXP	A	no				94-261	9/23/94	94-024S, 94-027P

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-542	SL II EXP	A	no				94-260	9/23/94	94-024S
GW-543	SL II EXP	A	no				94-259	9/23/94	94-024S, 94-025S
GW-544	SL II EXP	A	no				94-265	9/26/94	94-024S
GW-545	SL II EXP	I	yes		94-013P/A	10/27/94	94-262	9/23/94	94-024S
GW-546	SL II EXP	A	no				94-267	9/26/94	
GW-552	SPAD	I	no				94-312	10/25/94	
GW-554	SPAD	I	no				94-306	10/25/94	
GW-555	SPAD	I	no				94-310	10/25/94	
GW-557	SPAD	A	no				94-471	12/6/94	94-012S
GW-558	SPAD	I	no				94-470	12/6/94	
GW-559	SPAD	I	no				94-320	10/25/94	
GW-560	SPAD	A	no				94-307	10/25/94	94-029S
GW-562	SPAD	A	no				94-304	10/25/94	94-029S
GW-563	SPAD	I	no				94-305	10/25/94	
GW-564	SPAD	A	no				94-309	10/25/94	94-013S
GW-567	SPAD	I	no				94-311	10/25/94	
GW-569	SPAD	I	no		94-001P/A	4/27/94	94-313	10/25/94	
GW-576	SPAD	I	no				94-308	10/25/94	
GW-601	OL	I	yes	94-18		5/9/94	94-193	8/15/94	94-026S, 94-036S
GW-602	OL	I	no				94-534	12/21/94	
GW-603	NHP	A	no				94-516	12/20/94	94-066S
GW-604	NHP	A	no				94-239	9/22/94	94-066S
GW-605	NHP	A	no				94-511	12/20/94	
GW-606	NHP	A	no				94-512	12/20/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-608	CRSP	A	no				94-406	11/8/94	
GW-609	CRSP	A	no				94-390	11/2/94	94-008S
GW-610	CRSP	A	no				94-345	11/1/94	
GW-611	CRSP	A	no				94-346	11/1/94	
GW-612	CRSP	I	no				94-360	11/1/94	94-061S
GW-613	S3	A	no				94-186	8/10/94	94-047S
GW-614	S3	A	no				94-187	8/10/94	94-047S
GW-615	S3	I	no				94-477	12/6/94	
GW-616	S3	I	no				94-535	12/21/94	
GW-617	S3	A	no				94-493	12/15/94	
GW-618	S3	A	no				94-494	12/15/94	
GW-619	S3	A	no				94-503	12/15/94	
GW-620	S3	A	no				94-504	12/15/94	
GW-621	BG	A	no				94-517	12/20/94	94-049S
GW-622	BG	I	no				94-180	8/9/94	
GW-623	BG	I	no				94-181	8/9/94	
GW-624	BG	I	no				94-084	7/19/94	
GW-625	BG	I	no				94-403	11/8/94	
GW-626	BG	I	no				94-078	7/19/94	
GW-627	BG	A	no				94-079	7/19/94	
GW-628	BG	I	no				94-391	11/7/94	
GW-629	BG	I	no				94-083	7/19/94	
GW-630	LDS	I	no				94-173	8/8/94	
GW-636	OL	I	no				94-118	7/28/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-637	OL	A	no				94-119	7/28/94	
GW-638	OL	I	no				94-120	7/28/94	
GW-639	OL	I	no				94-131	8/4/94	94-036S
GW-640	BG	I	no				94-132	8/4/94	94-036S
GW-641	BG	I	no				94-133	8/4/94	94-036S
GW-642	BG	A	no				94-199	8/15/94	94-040S
GW-643	BG	I	no				94-202	8/18/94	
GW-644	OL	I	no				94-135	8/4/94	
GW-645	OL	I	no				94-126	7/28/94	
GW-646	OL	I	no				94-194	8/15/94	94-038S
GW-647	OL	I	no				94-143	8/4/94	94-038S
GW-648	RS	I	no				94-153	8/4/94	94-038S
GW-649	OL	I	no				94-188	8/10/94	
GW-651	BG	I	no				94-082	7/19/94	
GW-652	BG	A	no				94-081	7/19/94	
GW-653	BG	A	no				94-077	7/19/94	
GW-654	BG	A	no				94-074	7/19/94	94-035S
GW-655	BG	I	yes	94-08		3/14/94	94-582	11/22/94	94-007S
GW-658	FF	I	no				94-583	11/22/94	
GW-660	UEFPC	I	no				94-001	5/5/94	
GW-661	UEFPC	I	no				94-010	5/11/94	
GW-662	UEFPC	I	no				94-002	5/5/94	
GW-663	UEFPC	I	no				94-004	5/5/94	
GW-664	UEFPC	I	no				94-036	5/11/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change in Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-665	UEFPC	I	no				94-003	5/5/94	
GW-666	UEFPC	I	no				94-006	5/11/94	
GW-667	UEFPC	I	no				94-007	5/11/94	
GW-668	UEFPC	I	no				94-005	5/11/94	
GW-669	UEFPC	I	no				94-009	5/11/94	
GW-670	UEFPC	I	no				94-008	5/11/94	
GW-671	UEFPC	I	no				94-035	5/11/94	
GW-672	FAP	I	no				94-028	5/12/94	
GW-673	FAP	I	no				94-027	5/12/94	
GW-674	FAP	I	no				94-026	5/12/94	
GW-676	FAP	I	no				94-025	5/12/94	
GW-677	FAP	I	no				94-030	5/12/94	94-031S
GW-678	FAP	I	no				94-031	5/12/94	94-031S
GW-679	FAP	I	no				94-029	5/12/94	94-031S
GW-680	FAP	I	no				94-032	5/12/94	94-032S
GW-681	FAP	I	no				94-033	5/12/94	94-032S
GW-682	FAP	I	no				94-034	5/12/94	94-032S
GW-683	EXP A	A	no				94-301	10/20/94	
GW-684	EXP A	A	no				94-300	10/20/94	
GW-685	EXP A	A	no				94-093	7/20/94	
GW-686	CPT	I	no				94-020	5/13/94	
GW-687	CPT	I	no				94-022	5/16/94	
GW-688	CPT	I	no				94-024	5/16/94	
GW-689	CPT	I	no				94-023	5/16/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-690	CPT	I	no				94-014	5/13/94	
GW-691	CPT	I	no				94-015	5/13/94	
GW-692	CPT	I	no				94-021	5/16/94	
GW-694	EXP B	A	no				94-100	7/20/94	94-040S
GW-695	EXP B	A	no				94-101	7/20/94	94-040S
GW-696	Y-12	I	no				94-018	5/13/94	
GW-697	Y-12	I	no				94-019	5/13/94	
GW-698	Y-12	I	no				94-016	5/13/94	
GW-699	Y-12	I	no				94-017	5/13/94	
GW-700	Y-12	I	no				94-012	5/13/94	
GW-701	Y-12	I	no				94-013	5/13/94	
GW-702	Y-12	I	no				94-011	5/13/94	
GW-703	EXP B	A	no				94-098	7/20/94	94-040S
GW-704	EXP B	A	no				94-099	7/20/94	94-040S
GW-705	EXP B	I	no				94-518	12/20/94	94-040S
GW-706	EXP B	A	no				94-519	12/20/94	94-040S
GW-709	SL II EXP	A	no				94-257	9/22/94	
GW-710	EXP W	A	no				94-111	7/28/94	94-006S
GW-711	EXP W	A	no				94-112	7/28/94	94-046S
GW-712	EXP W	A	no				94-113	7/28/94	
GW-713	EXP W	A	no				94-114	7/28/94	
GW-714	EXP W	A	no				94-115	7/28/94	
GW-715	EXP W	A	no				94-116	7/28/94	
GW-722	NHP	I	no				94-241	9/22/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-723	EXP C	A	no				94-154	8/4/94	
GW-724	EXP C	A	no				94-164	8/8/94	
GW-725	EXP C	A	no				94-159	8/8/94	94-040S
GW-726	BG	I	no				94-059	6/13/94	
GW-727	BG	I	no				94-060	6/13/94	
GW-728	BG	I	no				94-061	6/13/94	
GW-729	BG	I	no				94-062	6/13/94	94-034S
GW-730	BG	I	no				94-063	6/13/94	
GW-731	CRSDB	A	no				94-233	9/21/94	94-057P
GW-732	CRSDB	A	no				94-234	9/21/94	94-020S
GW-733	EXP J	A	no				94-240	9/22/94	
GW-734	EXP J	I	no				94-242	9/22/94	94-028P
GW-735	EXP J	A	no				94-243	9/22/94	
GW-736	EXP C	A	no				94-158	8/8/94	94-040S
GW-737	EXP C	A	no				94-157	8/8/94	94-040S
GW-738	EXP C	A	no				94-163	8/8/94	
GW-739	EXP C	A	no				94-155	8/4/94	
GW-740	EXP C	A	no				94-156	8/4/94	
GW-742	CRSP	A	no				94-404	11/8/94	94-033S
GW-743	CRSP	A	no				94-405	11/8/94	94-033S
GW-744	Grid K	A	no				94-217	8/19/94	
GW-745	Grid K	A	no				94-216	8/19/94	
GW-746	Grid K	A	no				94-215	8/19/94	
GW-747	Grid K	A	no				94-220	8/19/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change in Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-748	Grid K	A	no				94-219	8/19/94	
GW-749	Grid K	A	no				94-218	8/19/94	
GW-750	EXP J	A	no				94-244	9/22/94	
GW-751	Grid J3	A	no				94-273	9/27/94	
GW-752	Grid J3	A	no				94-272	9/27/94	
GW-753	Y-12 Grid	I	no				94-270	9/27/94	
GW-754	Y-12 Grid	I	no				94-271	9/27/94	
GW-755	Y-12 Grid	I	no				94-268	9/27/94	
GW-756	Y-12 Grid	I	no				94-269	9/27/94	
GW-757	SL II EXP	A	no				94-263	9/23/94	
GW-758	Grid E	A	no				94-528	12/21/94	
GW-759	Grid E	A	no				94-521	12/21/94	
GW-760	Grid E	A	no				94-522	12/21/94	
GW-761	Grid E	A	no				94-523	12/21/94	
GW-762	Grid J	A	no				94-529	12/21/94	
GW-763	Grid J	A	no				94-530	12/21/94	
GW-764	Grid E	A	no				94-526	12/21/94	
GW-765	Grid E	A	no				94-527	12/21/94	
GW-766	Grid I2	A	no				94-387	11/2/94	
GW-767	Grid I2	A	no				94-386	11/2/94	
GW-768	RDS	A	no				94-381	11/2/94	
GW-769	Grid G	A	no				94-507	12/20/94	
GW-770	Grid G	A	no				94-508	12/20/94	
GW-771	Grid C	A	no				94-525	12/21/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-772	Grid C	A	no				94-524	12/21/94	
GW-773	Grid H2	A	no				94-389	11/2/94	
GW-774	Grid H2	A	no				94-388	11/2/94	
GW-775	Grid H	A	no				94-505	12/20/94	94-001PS
GW-776	Grid H	A	no				94-506	12/20/94	94-001PS
GW-777	Grid B2	A	no				94-037	4/25/94	
GW-778	Grid B2	A	no				94-038	4/25/94	
GW-779	Grid F2	A	yes	94-15		4/1/94	94-039	4/25/94	
GW-780	Grid F2	A	yes	94-15		4/1/94	94-040	4/25/94	
GW-781	Grid E3	A	yes	94-15		4/1/94	94-041	4/25/94	
GW-782	Grid E3	A	yes	94-15		4/1/94	94-042	4/25/94	
GW-783	Grid E3	A	yes	94-15		4/1/94	94-043	4/25/94	
GW-784	Grid D	A	yes	94-15		4/1/94	94-104	7/25/94	
GW-785	Grid D	A	yes	94-15		4/1/94	94-105	7/25/94	
GW-786	Grid E2	A	yes	94-15		4/1/94	94-046	4/25/94	
GW-787	Grid E2	A	yes	94-15		4/1/94	94-047	4/25/94	
GW-788	Grid F3	A	yes	94-15		4/1/94	94-048	4/25/94	
GW-789	Grid F3	A	yes	94-15		4/1/94	94-049	4/25/94	
GW-790	BG	I	no				94-064	6/13/94	
GW-791	Grid D	A	yes	94-15		4/1/94	94-102	7/25/94	
GW-792	Grid D	A	yes	94-15		4/1/94	94-103	7/25/94	
GW-793	LLWAGSF	A	no				94-533	12/21/94	
GW-794	LLWAGSF	A	no				94-117	7/28/94	
GW-795	LLWAGSF	A	no				94-134	8/4/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change in Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
GW-796	SPAD	A	no				94-316	10/25/94	94-015S
GW-797	SPAD	A	no				94-531	12/21/94	94-011S, 94-037S
GW-798	SPAD	A	no				94-058	5/30/94	
GW-799	SPAD	A	no				94-057	5/30/94	94-010S
GW-800	OL	A	no				94-141	8/4/94	94-040S
GW-801	SPAD	A	no				94-532	12/21/94	94-014S
GW-802	FF	I	no				94-065	4/25/94	
GW-803	FF	I	no				94-066	4/25/94	
GW-804	FF	I	no				94-067	4/25/94	
GW-811	SPI	I	no				94-052	5/20/94	
GW-812	SPI	I	no				94-053	5/20/94	
GW-813	S 3 Area	I	no				94-054	5/20/94	
GW-814	S3 Area	I	no				94-055	5/20/94	
GW-815	S3 Area	I	no				94-056	5/20/94	
GW-816	EXP	A	yes	94-22		7/1/94	94-666	6/17/94	94-051S
GW-817	EXP	A	yes	94-22		7/1/94	94-665	6/17/94	94-051S
GW-818	Y-12	I	no				94-068	6/23/94	94-045S
GW-819	Y-12	I	no				94-069	6/23/94	94-045S
GW-820	Y-12	I	no				94-070	6/23/94	94-045S
LL/HAZ-01	GBR	I	no				94-596	6/14/94	
LL/HAZ-02	GBR	I	no				94-595	6/14/94	
LL/HAZ-03	GBR	I	no				94-584	6/14/94	
LL/HAZ-04	GBR	I	no				94-598	6/15/94	
LL/HAZ-05	GBR	I	no				94-605	6/15/94	

WELL INSPECTION / MAINTENANCE SUMMARY

Well Number	Location	Current Status	Change In Status	SAP Addendum Number	P&A Request Number	Effective Date	Inspection Checklist Number	Inspection Date	Maintenance Request Number
LL/HAZ-06	GBR	I	no				94-585	6/14/94	
LL/HAZ-07	GBR	I	no				94-659	6/14/94	
LL/HAZ-08	GBR	I	no				94-592	6/14/94	
LL/HAZ-09	GBR	I	no				94-590	6/14/94	
LL/HAZ-10	GBR	I	no				94-591	6/14/94	
LL/HAZ-11	GBR	I	no				94-589	6/14/94	
LL/HAZ-12	GBR	I	no				94-587	6/14/94	
LL/HAZ-13	GBR	I	no				94-593	6/14/94	
LL/HAZ-14	GBR	I	no				94-588	6/14/94	
LL/HAZ-15	GBR	I	no				94-586	6/14/94	

APPENDIX B
ACTIVE WELL INSPECTIONS

SITE EXPLANATION

(1) LOCATION

B-4	Beta-4 Security Pits
BCR	Bear Creek Road
BG	Bear Creek Burial Grounds Waste Management Area
CP	Y-12 Coal Pile
CRDT-10	Chestnut Ridge Deer Trap 10
CRSDB	Chestnut Ridge Sediment Disposal Basin
CRSP	Chestnut Ridge Security Pits
ECRWP	East Chestnut Ridge Waste Pile
EXP-A	Exit-Pathway-Traverse A
EXP-B	Exit-Pathway-Traverse B
EXP-BCHR	Exit-Pathway Bear Creek Hydrologic Regime
EXP-UEFPCHR	Exit-Pathway Upper East Fork Poplar Creek Hydrologic Regime
FAP	Fly Ash Pit
FF	Bldgs. 9754 & 9754-2 Fuel Facility
Grid	Phase 1; Groundwater Contaminant Assessment Program
GBR	Gum Branch Road
GC	Grassy Creek
IL III	Industrial Landfill III
IL IV	Industrial Landfill IV
KHQ	Kerr Hollow Quarry
LDS	Lysimeter Demonstration Site
NHP	New Hope Pond
OL	Oil Landfarm Waste Management Area
ORSF	Oak Ridge Sludge Farm
RDS	Ravine Disposal Site
RG	Rust Garage
RQ	Rogers Quarry
RS	Rust Spoil Area
S 2	S 2 Site
S 3	S 3 Site
SL II	Sanitary Landfill II
SPI	Spoil Area I
SL II EXP	Sanitary Landfill II Expansion
SR	Scarboro Road
SY	Y-12 Salvage Yard
T0134-U	Tank 0134-U
T2331-U	Tank 2331-U
UNC	United Nuclear Corporation Site
UOV	Uranium Oxide Vault
USGS	United States Geological Survey
WCPA	Waste Coolant Processing Area
Y-12	Y-12 Plant

(2) N/A — Information Not Available

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-347

WELL INFORMATION

Well Number: 1090
Site: UNC
Screen or Open Interval Length: No info. ft.
Constructed Depth: No info. ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	97.9 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-061S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-464

WELL INFORMATION

Well Number: GW-040
Site: B G
Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 31.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	33.3 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: Contact Health Physics for entry (Rad area)		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Inspection Date: 11/30/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-465

WELL INFORMATION

Well Number: GW-042
Site: B G
Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 30.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		32.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Contact Health Physics for entry into burial ground (Rad area)		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 11/30/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-322

WELL INFORMATION

Well Number: GW-043 — Screen or Open Interval Length: 10.0 ft.

Site: O L — Constructed Depth: 34.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing: 38.3 ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length -- %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-003S

COMMENTS

Well Wizard installation, removed and replaced for measurement. Posts need paint.

Inspection Date: 10/28/94 — Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-321

WELL INFORMATION

Well Number: GW-044
Site: O L
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 61.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	63.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-003S

COMMENTS

Well Wizard installation, removed and replaced for measurement. Posts need paint.

Inspection Date: 10/28/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-129

WELL INFORMATION

Well Number: GW-047 — Screen or Open Interval Length: 5.0 ft.

Site: B G — Constructed Depth: 26.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	26.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 8/3/94 Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-393

WELL INFORMATION

Well Number: GW-053
Site: B G

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 33.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	35.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/1/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-092

WELL INFORMATION

Well Number: GW-056 Site: B G

Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 59.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	58.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	22 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Well Wizard installation; removed and replaced. No rehab. needed; depth discrepancy not by siltation.

Inspection Date: 7/20/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-091

WELL INFORMATION

Well Number: GW-057
Site: B G

Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 25.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	24.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	25 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard installation; removed and replaced for measurement. No rehab. needed, depth discrepancy not by siltation.

Inspection Date: 7/20/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-087

WELL INFORMATION

Well Number: GW-061 — Screen or Open Interval Length: 5.0 ft.

Site: B G — Constructed Depth: 28.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		28.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting.

Inspection Date: 7/19/94 Inspected By: B. McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-402

WELL INFORMATION

Well Number: GW-064
Site: RS
Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 55.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	55.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 11/1/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-283

WELL INFORMATION

Well Number: GW-069 — Screen or Open Interval Length: 10.2 ft.

Site: B G — Constructed Depth: 102.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	101.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 9/29/94 Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-075

WELL INFORMATION

Well Number: GW-079
Site: B G
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 68.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		65.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-035S

COMMENTS

No rehab. needed for well; see earlier inspections. Posts need painting.

Inspection Date: 7/19/94
Inspected By: B. McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-076

WELL INFORMATION

Well Number: GW-080
Site: B G

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 33.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X*	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		33.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-035S

COMMENTS

Posts need painting. *Well Wizard installation; removed and replaced for measurement.

Inspection Date: 7/19/94

Inspected By: B. McMaster

9401 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-323

WELL INFORMATION

Well Number: GW-084
Site: OL
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 30.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	30.5 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well Wizard installation, removed and replaced.

Inspection Date: 10/28/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-166

WELL INFORMATION

Well Number: GW-085
Site: O L
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 61.9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		62.6 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-030S

COMMENTS

Inspection Date: 8/8/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-395

WELL INFORMATION

Well Number: GW-095
Site: B G
Screen or Open Interval Length: 21.0 ft.
Constructed Depth: 158.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	156.4 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	11 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-064P

COMMENTS

Well Wizard installation, removed and replaced for measurement. Pump head is cracked and needs replacement.

Inspection Date: 11/1/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-545

WELL INFORMATION

Well Number: GW-115 — Screen or Open Interval Length: 10.0 ft.

Site: S3 — Constructed Depth: 54.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurememt ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard installation, could not remove due to obstruction in casing at approximately ground level. No measurement made.

Inspection Date: 12/22/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-071

WELL INFORMATION

Well Number: GW-141
Site: LF IV
Screen or Open Interval Length: 10.7 ft.
Constructed Depth: 157.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	159.4 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Inspection Date: 7/6/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-332

WELL INFORMATION

Well Number: GW-142
Site: KHQ
Screen or Open Interval Length: 46.5 ft.
Constructed Depth: 297.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	299.0 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-060S

COMMENTS

Pad needs replacement, posts need painting.

Inspection Date: 11/1/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-336

WELL INFORMATION

Well Number: GW-143
Site: KHQ
Screen or Open Interval Length: 48.0 ft.
Constructed Depth: 255.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	253.2 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-060S

COMMENTS

Paint posts.

Inspection Date: 11/1/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-333

WELL INFORMATION

Well Number: GW-144
Site: KHQ
Screen or Open Interval Length: 40.0 ft.
Constructed Depth: 192.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	194.1 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-060S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-338

WELL INFORMATION

Well Number: GW-145
Site: KHQ
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 111.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	113.4 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-005S, 94-060S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-337

WELL INFORMATION

Well Number: GW-146 — Screen or Open Interval Length: 30.0 ft.

Site: KHQ — Constructed Depth: 221.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	216.9 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	14 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-005S, 94-048P

COMMENTS

Paint posts.

Inspection Date: 11/1/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-339

WELL INFORMATION

Well Number: GW-147
Site: KHQ
Screen or Open Interval Length: 15.0 ft.
Constructed Depth: 71.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	72.8 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-060S

COMMENTS

Paint posts.

Inspection Date: 11/1/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-278

WELL INFORMATION

Well Number: GW-148 — Screen or Open Interval Length: 5.5 ft.

Site: NHP — Constructed Depth: 13.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		14.0 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

Well located behind steel guard-rail.

Inspection Date: 9/27/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-277

WELL INFORMATION

Well Number: GW-149
Site: NHP
Screen or Open Interval Length: 14.5 ft.
Constructed Depth: 50.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	50.4 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well located behind steel guard-rail.

Inspection Date: 9/27/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-429

WELL INFORMATION

Well Number: GW-151
Site: NHP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 98.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	99.5 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-053S

COMMENTS

Inspection Date: 11/14/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-279

WELL INFORMATION

Well Number: GW-153
Site: NHP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 62.4 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	60.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	15 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-054S

COMMENTS

Pad needs replacement.

Inspection Date: 9/27/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-551

WELL INFORMATION

Well Number: GW-154 | Screen or Open Interval Length: 5.0 ft.
Site: NHP | Constructed Depth: 13.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	13.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	6 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/22/94 Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-235

WELL INFORMATION

Well Number: GW-156
Site: CRSDB
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 159.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	157.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	15 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 9/21/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-221

WELL INFORMATION

Well Number: GW-158 — Screen or Open Interval Length: 85.0 ft.

Site: CRSDB — Constructed Depth: 442.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing: 442.7 ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length -- %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

Inspection Date: 9/20/94 Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-232

WELL INFORMATION

Well Number: GW-159
Site: CRSDB
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 159.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		155.9 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		See comments %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well depth is acceptable; error in original construction record.

Inspection Date: 9/21/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-228

WELL INFORMATION

Well Number: GW-160 — Screen or Open Interval Length: 30.0 ft.

Site: LF III — Constructed Depth: 237.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	225.4 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	40 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.

[X] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S, 94-056PS

COMMENTS

Well needs redevelopment before sampling again. Concrete pad needs replacement.

Inspection Date: 9/20/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-227

WELL INFORMATION

Well Number: GW-161
Site: LF III
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 402.6 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	402.9 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 9/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-196

WELL INFORMATION

Well Number: GW-162
Site: B G
Screen or Open Interval Length: 33.0 ft.
Constructed Depth: 126.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	127.9 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Inspection Date: 8/15/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-442

WELL INFORMATION

Well Number: GW-169
Site: USGS
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 36.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X]	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	36.3 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	6 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard installation, removed and replaced for measurement.

Inspection Date: 11/14/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-421

WELL INFORMATION

Well Number: GW-170 — Screen or Open Interval Length: 52.9 ft.
Site: USGS — Constructed Depth: 158.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	106.4 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-004P, 94-043S

COMMENTS

Obstruction in this well at 106.4 ft. below top of casing. Does not seem to affect monitoring for quarterly sampling or water levels.
Existing water-tight cap needs replacement with standard cap and hasp.

Inspection Date: 11/14/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-573

WELL INFORMATION

Well Number: GW-171
Site: USGS
Screen or Open Interval Length: 4.4 ft.
Constructed Depth: 32.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	31.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-017PS, 94-051S

COMMENTS

This well was redeveloped in September '94 before sampling, and well depth tagged at the time of completion was 31.0'.
Well condition is satisfactory.

Inspection Date: 11/21/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-574

WELL INFORMATION

Well Number: GW-172
Site: USGS
Screen or Open Interval Length: 28.8 ft.
Constructed Depth: 135.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	134.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-019PS

COMMENTS

Inspection Date: 11/21/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-344

WELL INFORMATION

Well Number: GW-175
Site: CRSP
Screen or Open Interval Length: 15.8 ft.
Constructed Depth: 168.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	169.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/1/94
Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-361

WELL INFORMATION

Well Number: GW-177 — Screen or Open Interval Length: 10.0 ft.
Site: CRSP — Constructed Depth: 145.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	150.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Inspection Date: 11/1/94 — Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-314

WELL INFORMATION

Well Number: GW-181
Site: CRSP
Screen or Open Interval Length: 13.0 ft.
Constructed Depth: 170.4 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	167.7 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	21 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[X] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-058PS

COMMENTS

Well needs rehabilitation and posts need paint.

Inspection Date: 10/25/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-248

WELL INFORMATION

Well Number: GW-184 — Screen or Open Interval Length: 20.0 ft.

Site: R Q — Constructed Depth: 130.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		131.5 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

Well has protective casing installed.

Inspection Date: 9/22/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-425

WELL INFORMATION

Well Number: GW-186 | Screen or Open Interval Length: 20.0 ft.
Site: R Q | Constructed Depth: 173.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	172.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 11/14/94 Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-254

WELL INFORMATION

Well Number: GW-187 — Screen or Open Interval Length: 15.0 ft.

Site: R Q — Constructed Depth: 164.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	163.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-041S

COMMENTS

Posts need painting and weep installed.

Inspection Date: 9/22/94 Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-251

WELL INFORMATION

Well Number: GW-188
Site: R Q

Screen or Open Interval Length: 15.0 ft.
Constructed Depth: 70.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		73.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-041S

COMMENTS

Posts need painting, well needs weep.

Inspection Date: 9/22/94

Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-109

WELL INFORMATION

Well Number: GW-191
Site: B-4
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 63.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		65.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 7/25/94
Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-110

WELL INFORMATION

Well Number: GW-192
Site: B-4
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 20.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		20.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 7/25/94 Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-107

WELL INFORMATION

Well Number: GW-194 — Screen or Open Interval Length: 5.0 ft.

Site: B-4 — Constructed Depth: 15.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		15.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Pad needs replacement.

Inspection Date: 7/25/94 — Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-108

WELL INFORMATION

Well Number: GW-195
Site: B-4
Screen or Open Interval Length: 6.0 ft.
Constructed Depth: 25.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	24.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	13 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs ID tag; concrete pad needs replacement.

Inspection Date: 7/25/94
Inspected By: J. Sitzler

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-380

WELL INFORMATION

Well Number: GW-199 — Screen or Open Interval Length: 5.0 ft.

Site: RDS — Constructed Depth: 25.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	25.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/2/94 Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-351

WELL INFORMATION

Well Number: GW-203
Site: UNC

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 159.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		154.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		See comments %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

See earlier inspections for explanation concerning depth discrepancy.

Inspection Date: 11/1/94

Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-348

WELL INFORMATION

Well Number: GW-205 — Screen or Open Interval Length: 10.0 ft.

Site: UNC — Constructed Depth: 166.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	155.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

Refer to earlier inspections concerning well depth discrepancy.

Inspection Date: 11/1/94 Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-565

WELL INFORMATION

Well Number: GW-207 — Screen or Open Interval Length: 9.6 ft.

Site: USGS — Constructed Depth: 113.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		113.4 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

Inspection Date: 11/18/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-566

WELL INFORMATION

Well Number: GW-208
Site: USGS
Screen or Open Interval Length: 8.8 ft.
Constructed Depth: 416.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?			X
2. Does the well have a waterproof steel/brass lock?			X
3. Are the hasps firmly welded to well cap and/or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No Msmt. ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-063P

COMMENTS

Well has mechanical packer installed. No measuement made.

Inspection Date: 11/18/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-209

WELL INFORMATION

Well Number: GW-217
Site: IL IV

Screen or Open Interval Length: 10.6 ft.
Constructed Depth: 180.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		179.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		7 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-021S

COMMENTS

Inspection Date: 8/18/94

Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-427

WELL INFORMATION

Well Number: GW-220 — Screen or Open Interval Length: 10.0 ft.

Site: NHP — Constructed Depth: 47.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	49.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-053S

COMMENTS

Inspection Date: 11/14/94 Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-352

WELL INFORMATION

Well Number: GW-221
Site: UNC
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 160.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		157.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		See comments %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

See previous inspections for explanation concerning depth discrepancy.

Inspection Date: 11/1/94
Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-552

WELL INFORMATION

Well Number: GW-222 — Screen or Open Interval Length: 5.0 ft.

Site: NHP — Constructed Depth: 27.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	28.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-044S

COMMENTS

Inspection Date: 12/22/94 — Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-553

WELL INFORMATION

Well Number: GW-223
Site: NHP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 92.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	92.9 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?			

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-044S

COMMENTS

Inspection Date: 12/22/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-575

WELL INFORMATION

Well Number: GW-230 — Screen or Open Interval Length: 65.4 ft.

Site: USGS — Constructed Depth: 407.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	406.7 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-018PS

COMMENTS

Inspection Date: 11/21/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-335

WELL INFORMATION

Well Number: GW-231
Site: KHQ
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 37.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	37.8 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-060S

COMMENTS

Paint posts.

Inspection Date: 11/1/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-423

WELL INFORMATION

Well Number: GW-232
Site: USGS
Screen or Open Interval Length: 10.7 ft.
Constructed Depth: 413.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	413.1 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-004P, 94-043S

COMMENTS

Earlier measurements for this well resulted in depths of approximately 405 ft. which may have been an obstruction.
Existing water-tight cap needs replacement with standard cap and hasp.

Inspection Date: 11/14/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-281

WELL INFORMATION

Well Number: GW-240
Site: NHP
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 32.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	32.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-044S, 94-054S

COMMENTS

Pad needs replacement.

Inspection Date: 9/27/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-222

WELL INFORMATION

Well Number: GW-241
Site: CRSDB
Screen or Open Interval Length: 21.0 ft.
Constructed Depth: 101.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	98.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	18 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-002P

COMMENTS

Posts need painting. Soft tag for measurement.

Inspection Date: 9/20/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-340

WELL INFORMATION

Well Number: GW-251
Site: S2
Screen or Open Interval Length: 9.6 ft.
Constructed Depth: 49.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	50.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/1/94
Inspected By: S.B. Jones

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-341

WELL INFORMATION

Well Number: GW-252
Site: S2
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 50.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		51.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Pad needs replacement.

Inspection Date: 11/1/94
Inspected By: S.B. Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-342

WELL INFORMATION

Well Number: GW-255
Site: S2

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 84.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		84.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/1/94 Inspected By: S.B. Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-549

WELL INFORMATION

Well Number: GW-261 — Screen or Open Interval Length: 5.4 ft.

Site: S Y — Constructed Depth: 26.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		26.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/22/94 Inspected By: McMaster

94-R A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-548

WELL INFORMATION

Well Number: GW-262
Site: S Y

Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 73.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	72.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	7 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 12/22/94

Inspected By: McMaster

94-01

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-559

WELL INFORMATION

Well Number: GW-263 — Screen or Open Interval Length: 5.3 ft.

Site: S Y — Constructed Depth: 33.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		33.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No pad or post installation on this well but is satisfactory.

Inspection Date: 11/18/94 Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-560

WELL INFORMATION

Well Number: GW-264
Site: S Y

Screen or Open Interval Length: 10.2 ft.
Constructed Depth: 73.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	74.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

No pad or post installation, well accessed by stairs and ramp.

Inspection Date: 11/18/94

Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-546

WELL INFORMATION

Well Number: GW-276 — Screen or Open Interval Length: 5.3 ft.
Site: S3 — Constructed Depth: 20.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	21.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/22/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-371

WELL INFORMATION

Well Number: GW-287
Site: B G

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 14.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		15.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

94-01

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-379

WELL INFORMATION

Well Number: GW-292 — Screen or Open Interval Length: 10.7 ft.
Site: ECRWP — Constructed Depth: 187.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	187.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 11/2/94 — Inspected By: McMaster/Jones

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-378

WELL INFORMATION

Well Number: GW-293
Site: ECRWP

Screen or Open Interval Length: 17.0 ft.
Constructed Depth: 216.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		216.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-377

WELL INFORMATION

Well Number: GW-294
Site: ECRWP
Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 129.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	130.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/2/94 Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-376

WELL INFORMATION

Well Number: GW-296
Site: ECRWP

Screen or Open Interval Length: 10.5 ft.
Constructed Depth: 149.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		148.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		12 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-223

WELL INFORMATION

Well Number: GW-298
Site: LF III

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 188.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	189.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 9/20/94

Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-224

WELL INFORMATION

Well Number: GW-299
Site: LF III
Screen or Open Interval Length: 10.8 ft.
Constructed Depth: 169.2 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		169.3 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 9/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-225

WELL INFORMATION

Well Number: GW-300
Site: LF III
Screen or Open Interval Length: 10.6 ft.
Constructed Depth: 147.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	149.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 9/20/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-226

WELL INFORMATION

Well Number: GW-301
Site: LF III
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 163.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	165.4 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 9/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-350

WELL INFORMATION

Well Number: GW-302 — Screen or Open Interval Length: 10.3 ft.

Site: UNC — Constructed Depth: 136.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	136.8 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-061S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94 — Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-237

WELL INFORMATION

Well Number: GW-303
Site: CRSDB
Screen or Open Interval Length: 21.0 ft.
Constructed Depth: 323.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	322.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-022P

COMMENTS

Inspection Date: 9/21/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-231

WELL INFORMATION

Well Number: GW-304 — Screen or Open Interval Length: 10.0 ft.

Site: CRSDB — Constructed Depth: 169.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	167.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	14 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 9/20/94 Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-408

WELL INFORMATION

Well Number: GW-305
Site: LF IV
Screen or Open Interval Length: 10.7 ft.
Constructed Depth: 182.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		181.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		9 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/10/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-146

WELL INFORMATION

Well Number: GW-311
Site: RS

Screen or Open Interval Length: 10.6 ft.
Constructed Depth: 43.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	43.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-044S

COMMENTS

Inspection Date: 8/4/94

Inspected By: McMaster/Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-147

WELL INFORMATION

Well Number: GW-312
Site: RS
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 42.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	42.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	8 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting.

Inspection Date: 8/4/94
Inspected By: McMaster/Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-214

WELL INFORMATION

Well Number: GW-315 — Screen or Open Interval Length: 10.0 ft.

Site: SPI — Constructed Depth: 105.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	106.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 8/18/94 — Inspected By: McMaster/Sitzler

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-211

WELL INFORMATION

Well Number: GW-317
Site: SPI
Screen or Open Interval Length: 11.0 ft.
Constructed Depth: 132.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	133.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-052P

COMMENTS

Concrete pad is cracked, needs replacement.

Inspection Date: 8/18/94
Inspected By: McMaster/Sitzler

94-91 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-249

WELL INFORMATION

Well Number: GW-321
Site: FAP
Screen or Open Interval Length: 10.7 ft.
Constructed Depth: 100.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	100.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-037S

COMMENTS

Inspection Date: 9/22/94
Inspected By: McMaster

9408 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-495

WELL INFORMATION

Well Number: GW-337
Site: WCPA
Screen or Open Interval Length: 5.4 ft.
Constructed Depth: 25.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			X
2. Measured depth of well from top of well casing:	-- ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well located inside radiological area		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

No measurement made, well located inside radiological area.

Inspection Date: 12/15/94
Inspected By: S.B. Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-106

WELL INFORMATION

Well Number: GW-338
Site: WCPA

Screen or Open Interval Length: 5.5 ft.
Constructed Depth: 20.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	17 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Inspection Date: 7/25/94

Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-349

WELL INFORMATION

Well Number: GW-339
Site: UNC
Screen or Open Interval Length: 10.3 ft.
Constructed Depth: 116.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	XX		
WELL SECURITY:			
1. Does the well have a cap or lid?			
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	116.8 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-061S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-145

WELL INFORMATION

Well Number: GW-347
Site: S3
Screen or Open Interval Length: 15.8 ft.
Constructed Depth: 31.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		30.6 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		< 5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Posts need paint.

Inspection Date: 8/4/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-144

WELL INFORMATION

Well Number: GW-348
Site: S3
Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 82.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	83.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 8/4/94
Inspected By: McMaster/Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-136

WELL INFORMATION

Well Number: GW-363 — Screen or Open Interval Length: 25.0 ft.
Site: B G — Constructed Depth: 77.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	77.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 8/4/94 — Inspected By: McMaster

94-02 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-204

WELL INFORMATION

Well Number: GW-370
Site: B G
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 35.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		35.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S, 94-040S

COMMENTS

Inspection Date: 8/18/94
Inspected By: McMaster/Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-201

WELL INFORMATION

Well Number: GW-372
Site: B G

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 54.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	54.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 8/18/94

Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-200

WELL INFORMATION

Well Number: GW-373
Site: B G

Screen or Open Interval Length: 35.0 ft.
Constructed Depth: 160.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	159.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 8/18/94

Inspected By: McMaster/Sitzler

94-05 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-513

WELL INFORMATION

Well Number: GW-380
Site: NHP
Screen or Open Interval Length: 5.4 ft.
Constructed Depth: 15.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	15.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Manhole installation.

Inspection Date: 12/20/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-514

WELL INFORMATION

Well Number: GW-381
Site: NHP
Screen or Open Interval Length: 11.1 ft.
Constructed Depth: 60.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	50.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well is manhole installation. There is an obstruction in this well, also noted in previous inspections. Does not affect water levels or sampling efforts.

Inspection Date: 12/20/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-515

WELL INFORMATION

Well Number: GW-382
Site: NHP
Screen or Open Interval Length: 48.0 ft.
Constructed Depth: 173.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	173.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 12/20/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-276

WELL INFORMATION

Well Number: GW-383
Site: NHP
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 25.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		26.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

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Inspection Date: 9/27/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-274

WELL INFORMATION

Well Number: GW-384 — Screen or Open Interval Length: 20.2 ft.

Site: NHP — Constructed Depth: 58.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	58.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

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Inspection Date: 9/27/94 Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-275

WELL INFORMATION

Well Number: GW-385
Site: NHP
Screen or Open Interval Length: 55.0 ft.
Constructed Depth: 181.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		180.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 9/27/94 Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-315

WELL INFORMATION

Well Number: GW-511 — Screen or Open Interval Length: 10.0 ft.

Site: CRSP — Constructed Depth: 155.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	156.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Posts need painting.

Inspection Date: 10/25/94 — Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-318

WELL INFORMATION

Well Number: GW-512
Site: FAP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 63.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		64.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 10/25/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-317

WELL INFORMATION

Well Number: GW-513 — Screen or Open Interval Length: 10.0 ft.
Site: FAP — Constructed Depth: 127.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	127.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 10/25/94 — Inspected By: McMaster

94-85 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-319

WELL INFORMATION

Well Number: GW-514
Site: FAP
Screen or Open Interval Length: 21.0 ft.
Constructed Depth: 197.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	197.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 10/25/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-409

WELL INFORMATION

Well Number: GW-521 — Screen or Open Interval Length: 10.3 ft.

Site: LF IV — Constructed Depth: 138.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	137.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	8 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

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Inspection Date: 11/10/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-410

WELL INFORMATION

Well Number: GW-522
Site: LF IV
Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 198.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	196.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	15 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/10/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-174

WELL INFORMATION

Well Number: GW-537 — Screen or Open Interval Length: 15.0 ft.

Site: LDS — Constructed Depth: 25.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	27.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

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Inspection Date: 8/8/94 Inspected By: McMaster/Sitzler

9401 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-258

WELL INFORMATION

Well Number: GW-539 — Screen or Open Interval Length: 15.9 ft.

Site: SL II EXP — Constructed Depth: 158.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	158.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 9/23/94 — Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-266

WELL INFORMATION

Well Number: GW-540 — Screen or Open Interval Length: 10.3 ft.

Site: LF II EXP — Constructed Depth: 174.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	173.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	8 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

_____

_____

Inspection Date: 9/26/94 Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-261

WELL INFORMATION

Well Number: GW-541
Site: SL II EXP
Screen or Open Interval Length: 15.7 ft.
Constructed Depth: 107.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		106.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-024S, 94-027P

COMMENTS

Inspection Date: 9/23/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-260

WELL INFORMATION

Well Number: GW-542 — Screen or Open Interval Length: 15.7 ft.

Site: SL II EXP — Constructed Depth: 79.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	79.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-024S

COMMENTS

Inspection Date: 9/23/94 Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-259

WELL INFORMATION

Well Number: GW-543
Site: SL II EXP
Screen or Open Interval Length: 15.6 ft.
Constructed Depth: 96.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	96.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-024S, 94-025S

COMMENTS

Inspection Date: 9/23/94
Inspected By: McMaster

9401 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-265

WELL INFORMATION

Well Number: GW-544
Site: LF II EXP
Screen or Open Interval Length: 15.9 ft.
Constructed Depth: 111.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	111.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-024S

COMMENTS

Inspection Date: 9/26/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-267

WELL INFORMATION

Well Number: GW-546
Site: LF II EXP
Screen or Open Interval Length: 15.8 ft.
Constructed Depth: 87.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	86.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 9/26/94 Inspected By: McMaster

9408 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-471

WELL INFORMATION

Well Number: GW-557
Site: SPAD
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 138.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	136.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	10 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-012S

COMMENTS

Inspection Date: 12/6/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-307

WELL INFORMATION

Well Number: GW-560
Site: SPAD
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 71.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	73.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-029S

COMMENTS

Inspection Date: 10/25/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-304

WELL INFORMATION

Well Number: GW-562 — Screen or Open Interval Length: 20.0 ft.
Site: SPAD — Constructed Depth: 60.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	61.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-029S

COMMENTS

Inspection Date: 10/25/94 — Inspected By: McMaster

94-05 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-309

WELL INFORMATION

Well Number: GW-564
Site: SPAD

Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 78.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	79.1 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-013S

COMMENTS

Access to well site needs gravel from main road (approximately 50 feet).

Inspection Date: 10/25/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-516

WELL INFORMATION

Well Number: GW-603
Site: NHP
Screen or Open Interval Length: 10.3 ft.
Constructed Depth: 77.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		77.0 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-066S

COMMENTS

Posts need paint.

Inspection Date: 12/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-239

WELL INFORMATION

Well Number: GW-604
Site: NHP
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 113.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	114.5 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-066S

COMMENTS

Pad needs replacement and posts need paint.

Inspection Date: 9/22/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-511

WELL INFORMATION

Well Number: GW-605
Site: NHP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 42.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	41.7 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/20/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-512

WELL INFORMATION

Well Number: GW-606
Site: NHP
Screen or Open Interval Length: 10.7 ft.
Constructed Depth: 174.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		174.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		6 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting.

Inspection Date: 12/20/94 Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-406

WELL INFORMATION

Well Number: GW-608 — Screen or Open Interval Length: 72.0 ft.

Site: CRSP — Constructed Depth: 223.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	219.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need paint.

Inspection Date: 11/8/94 Inspected By: McMaster

94-R A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-390

WELL INFORMATION

Well Number: GW-609
Site: CRSP
Screen or Open Interval Length: 10.3 ft.
Constructed Depth: 271.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	269.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-008S

COMMENTS

Well does not need redevelopment, sediment is not causing depth discrepancy.

Inspection Date: 11/2/94
Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-345

WELL INFORMATION

Well Number: GW-610 — Screen or Open Interval Length: 10.3 ft.

Site: CRSP — Constructed Depth: 120.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		120.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Posts need paint.

Inspection Date: 11/1/94 — Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-346

WELL INFORMATION

Well Number: GW-611
Site: CRSP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 120.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		120.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs ID tag.

Inspection Date: 11/1/94
Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-186

WELL INFORMATION

Well Number: GW-613 — Screen or Open Interval Length: 10.3 ft.

Site: S3 — Constructed Depth: 45.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	45.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-047S

COMMENTS

Posts need painting. Weeds need cutting around well site.

Inspection Date: 8/10/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-187

WELL INFORMATION

Well Number: GW-614
Site: S3
Screen or Open Interval Length: 15.0 ft.
Constructed Depth: 93.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	93.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-047S

COMMENTS

Posts need painting; weeds need clearing.

Inspection Date: 8/10/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-493

WELL INFORMATION

Well Number: GW-617 — Screen or Open Interval Length: 10.3 ft.

Site: S3 — Constructed Depth: 20.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 12/15/94 Inspected By: S.B. Jones

94R A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-494

WELL INFORMATION

Well Number: GW-618
Site: S3
Screen or Open Interval Length: 10.3 ft.
Constructed Depth: 39.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	39.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 12/15/94
Inspected By: S.B. Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-503

WELL INFORMATION

Well Number: GW-619 | Screen or Open Interval Length: 10.8 ft.
Site: S3 | Constructed Depth: 43.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	44.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Paint posts.

Inspection Date: 12/15/94 Inspected By: S.B. Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-504

WELL INFORMATION

Well Number: GW-620
Site: S3
Screen or Open Interval Length: 10.8 ft.
Constructed Depth: 77.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	78.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need paint.

Inspection Date: 12/15/94
Inspected By: S.B. Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-517

WELL INFORMATION

Well Number: GW-621
Site: B G
Screen or Open Interval Length: 15.7 ft.
Constructed Depth: 42.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	42.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-049S

COMMENTS

Inspection Date: 12/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-079

WELL INFORMATION

Well Number: GW-627
Site: B G

Screen or Open Interval Length: 16.0 ft.
Constructed Depth: 272.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		271.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		9 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Paint posts.

Inspection Date: 7/19/94

Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-119

WELL INFORMATION

Well Number: GW-637
Site: O L
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 30.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	30.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Paint posts.

Inspection Date: 7/28/94 Inspected By: McMaster

9401 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-199

WELL INFORMATION

Well Number: GW-642
Site: B G

Screen or Open Interval Length: 16.2 ft.
Constructed Depth: 39.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		39.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Posts need painting.

Inspection Date: 8/15/94

Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-081

WELL INFORMATION

Well Number: GW-652 — Screen or Open Interval Length: 16.2 ft.

Site: B G — Constructed Depth: 33.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	33.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Access needs some regrading; posts need painting. Replaced lock.

Inspection Date: 7/19/94 Inspected By: B. McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-077

WELL INFORMATION

Well Number: GW-653
Site: B G
Screen or Open Interval Length: ? ft.
Constructed Depth: 41.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	41.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Paint posts.

Inspection Date: 7/19/94
Inspected By: B. McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-074

WELL INFORMATION

Well Number: GW-654
Site: B G
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 17.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	19.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-035S

COMMENTS

Inspection Date: 7/19/94
Inspected By: B. McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-301

WELL INFORMATION

Well Number: GW-683
Site: EXP A
Screen or Open Interval Length: 50.8 ft.
Constructed Depth: 199.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		199.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Gate to Chestnut Ridge Rd. closed; contact PSS.		X	

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 10/20/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-300

WELL INFORMATION

Well Number: GW-684
Site: EXP A
Screen or Open Interval Length: 14.6 ft.
Constructed Depth: 131.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	132.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 10/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-093

WELL INFORMATION

Well Number: GW-685
Site: B G
Screen or Open Interval Length: 49.8 ft.
Constructed Depth: 140.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing: 141.9 ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length -- %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 7/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-100

WELL INFORMATION

Well Number: GW-694
Site: B G
Screen or Open Interval Length: 50.5 ft.
Constructed Depth: 207.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	207.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 7/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-101

WELL INFORMATION

Well Number: GW-695
Site: B G

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 65.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	65.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 7/20/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-098

WELL INFORMATION

Well Number: GW-703
Site: B G
Screen or Open Interval Length: 47.0 ft.
Constructed Depth: 184.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	185.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Replaced lock.

Inspection Date: 7/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-099

WELL INFORMATION

Well Number: GW-704
Site: B G
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 258.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	258.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 7/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-519

WELL INFORMATION

Well Number: GW-706
Site: B G
Screen or Open Interval Length: 25.5 ft.
Constructed Depth: 185.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	185.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 12/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-257

WELL INFORMATION

Well Number: GW-709
Site: SL II
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 83.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		83.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Inspection Date: 9/22/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-111

WELL INFORMATION

Well Number: GW-710
Site: EXP W
Screen or Open Interval Length: 204.8 ft.
Constructed Depth: 747.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	746.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Gate with contractor's lock.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-006S

COMMENTS

Inspection Date: 7/28/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-112

WELL INFORMATION

Well Number: GW-711
Site: EXP W
Screen or Open Interval Length: 50.2 ft.
Constructed Depth: 669.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	670.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Access needs regraveling; gate with contractor's lock.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-046S

COMMENTS

Inspection Date: 7/28/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-113

WELL INFORMATION

Well Number: GW-712
Site: EXP W
Screen or Open Interval Length: 16.0 ft.
Constructed Depth: 461.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	460.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Paint posts.

Inspection Date: 7/28/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-114

WELL INFORMATION

Well Number: GW-713
Site: EXP W
Screen or Open Interval Length: 10.2 ft.
Constructed Depth: 318.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		318.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 7/28/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-115

WELL INFORMATION

Well Number: GW-714
Site: EXP W
Screen or Open Interval Length: 29.9 ft.
Constructed Depth: 147.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	147.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 7/28/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-116

WELL INFORMATION

Well Number: GW-715
Site: EXP W
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 45.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		45.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Heavy silt on tape after measurement.

Inspection Date: 7/28/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-154

WELL INFORMATION

Well Number: GW-723
Site: EXP C
Screen or Open Interval Length: 103.9 ft.
Constructed Depth: 447.4 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		447.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS.

Replaced lock.

Inspection Date: 8/4/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-164

WELL INFORMATION

Well Number: GW-724
Site: EXP C
Screen or Open Interval Length: 12.0 ft.
Constructed Depth: 304.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	304.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 8/8/94
Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-159

WELL INFORMATION

Well Number: GW-725
Site: EXP C
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 145.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	145.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 8/8/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-233

WELL INFORMATION

Well Number: GW-731
Site: CRSDB
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 178.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		175.0 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		36 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[X] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-057P

COMMENTS

Well needs redevelopment before sampling again.

Inspection Date: 9/21/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-234

WELL INFORMATION

Well Number: GW-732
Site: CRSDB
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 192.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	192.7 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-020S

COMMENTS

Inspection Date: 9/21/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-240

WELL INFORMATION

Well Number: GW-733
Site: EXP J
Screen or Open Interval Length: 16.4 ft.
Constructed Depth: 260.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	260.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

replaced ID tag.

Inspection Date: 9/22/94
Inspected By: McMaster, Sitzler

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-243

WELL INFORMATION

Well Number: GW-735 — Screen or Open Interval Length: 10.2 ft.

Site: EXP J — Constructed Depth: 81.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	81.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 9/22/94 — Inspected By: McMaster, Sitzler

94-02 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-158

WELL INFORMATION

Well Number: GW-736
Site: EXP C
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 105.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	104.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	11 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 8/8/94
Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-157

WELL INFORMATION

Well Number: GW-737 — Screen or Open Interval Length: 10.0 ft.

Site: EXP C — Constructed Depth: 91.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	92.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 8/8/94 — Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-163

WELL INFORMATION

Well Number: GW-738
Site: EXP C
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 90.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		91.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 8/8/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-155

WELL INFORMATION

Well Number: GW-739 — Screen or Open Interval Length: 30.8 ft.

Site: EXP C — Constructed Depth: 323.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	322.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 8/4/94 Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-156

WELL INFORMATION

Well Number: GW-740
Site: EXP C
Screen or Open Interval Length: 24.4 ft.
Constructed Depth: 192.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	192.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 8/4/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-404

WELL INFORMATION

Well Number: GW-742 — Screen or Open Interval Length: 70.0 ft.

Site: CRSP — Constructed Depth: 423.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	422.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-033S

COMMENTS

Posts need paint.

Inspection Date: 11/8/94 — Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-405

WELL INFORMATION

Well Number: GW-743
Site: CRSP
Screen or Open Interval Length: 10.1 ft.
Constructed Depth: 162.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	162.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-033S

COMMENTS

Posts need paint.

Inspection Date: 11/8/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-217

WELL INFORMATION

Well Number: GW-744 — Screen or Open Interval Length: 10.0 ft.

Site: Grid K — Constructed Depth: 69.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	70.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 8/19/94 Inspected By: McMaster/Sitzler

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-216

WELL INFORMATION

Well Number: GW-745
Site: Grid K
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 35.3 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		35.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 8/19/94
Inspected By: McMaster/Sitzler

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-215

WELL INFORMATION

Well Number: GW-746 — Screen or Open Interval Length: 9.8 ft.

Site: Grid K — Constructed Depth: 17.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	17.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

_____

_____

Inspection Date: 8/19/94 Inspected By: McMaster/Sitzler

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-220

WELL INFORMATION

Well Number: GW-747
Site: Grid K
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 81.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	82.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 8/19/94
Inspected By: McMaster/Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-219

WELL INFORMATION

Well Number: GW-748 — Screen or Open Interval Length: 10.0 ft.

Site: Grid K — Constructed Depth: 29.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	30.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 8/19/94 — Inspected By: McMaster/Sitzler

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-218

WELL INFORMATION

Well Number: GW-749 — Screen or Open Interval Length: 10.0 ft.

Site: Grid K — Constructed Depth: 18.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	18.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

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_____

Inspection Date: 8/19/94 Inspected By: McMaster/Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-244

WELL INFORMATION

Well Number: GW-750 — Screen or Open Interval Length: 10.0 ft.

Site: EXP J — Constructed Depth: 75.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	75.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 9/22/94 Inspected By: McMaster, Sitzler

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-273

WELL INFORMATION

Well Number: GW-751
Site: Grid J3
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 62.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	63.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 9/27/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-272

WELL INFORMATION

Well Number: GW-752
Site: Grid J3
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 18.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing: 18.8 ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length -- %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 9/27/94 Inspected By: McMaster

94-IR A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-263

WELL INFORMATION

Well Number: GW-757
Site: LF II
Screen or Open Interval Length: 30.0 ft.
Constructed Depth: 167.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	168.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 9/23/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-528

WELL INFORMATION

Well Number: GW-758
Site: Grid E
Screen or Open Interval Length: 10.2 ft.
Constructed Depth: 53.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	52.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	10 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

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Inspection Date: 12/21/94 Inspected By: McMaster

9401 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-521

WELL INFORMATION

Well Number: GW-759 — Screen or Open Interval Length: 10.6 ft.
Site: Grid E — Constructed Depth: 32.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	32.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 12/21/94 Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-522

WELL INFORMATION

Well Number: GW-760
Site: Grid E
Screen or Open Interval Length: 9.7 ft.
Constructed Depth: 63.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	63.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

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Inspection Date: 12/21/94 Inspected By: McMaster

9401 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-523

WELL INFORMATION

Well Number: GW-761
Site: Grid E

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 18.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	18.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Inspection Date: 12/21/94

Inspected By: McMaster

9401 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-529

WELL INFORMATION

Well Number: GW-762 — Screen or Open Interval Length: 10.2 ft.

Site: Grid J — Constructed Depth: 61.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	61.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

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Inspection Date: 12/21/94 Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-530

WELL INFORMATION

Well Number: GW-763
Site: Grid J
Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 18.9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		18.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

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Inspection Date: 12/21/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-526

WELL INFORMATION

Well Number: GW-764 — Screen or Open Interval Length: 9.9 ft.

Site: Grid E — Constructed Depth: 68.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	68.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

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Inspection Date: 12/21/94 Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-527

WELL INFORMATION

Well Number: GW-765
Site: Grid E
Screen or Open Interval Length: 10.5 ft.
Constructed Depth: 34.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		35.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 12/21/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-387

WELL INFORMATION

Well Number: GW-766 — Screen or Open Interval Length: 10.0 ft.

Site: Grid I2 — Constructed Depth: 48.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	48.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

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Inspection Date: 11/2/94 Inspected By: McMaster/Jones

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-386

WELL INFORMATION

Well Number: GW-767
Site: Grid I2
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 21.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		21.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

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Inspection Date: 11/2/94
Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-381

WELL INFORMATION

Well Number: GW-768 — Screen or Open Interval Length: 9.9 ft.

Site: RDS — Constructed Depth: 67.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	67.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 11/2/94 — Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-507

WELL INFORMATION

Well Number: GW-769
Site: Grid G
Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 62.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		62.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Inspection Date: 12/20/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-508

WELL INFORMATION

Well Number: GW-770 — Screen or Open Interval Length: 9.5 ft.

Site: Grid G — Constructed Depth: 21.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	21.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/20/94 Inspected By: McMaster

94-08 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-525

WELL INFORMATION

Well Number: GW-771
Site: Grid C
Screen or Open Interval Length: 14.8 ft.
Constructed Depth: 61.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	58.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	19 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

This well will need rehab. work soon.

Inspection Date: 12/21/94
Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-524

WELL INFORMATION

Well Number: GW-772 — Screen or Open Interval Length: 10.2 ft.
Site: Grid C — Constructed Depth: 18.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	18.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

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Inspection Date: 12/21/94 — Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-389

WELL INFORMATION

Well Number: GW-773
Site: Grid H2
Screen or Open Interval Length: 10.1 ft.
Constructed Depth: 61.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	61.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/2/94
Inspected By: McMaster/Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-388

WELL INFORMATION

Well Number: GW-774 — Screen or Open Interval Length: 9.8 ft.

Site: Grid H2 — Constructed Depth: 28.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	28.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/2/94 — Inspected By: McMaster/Jones

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-505

WELL INFORMATION

Well Number: GW-775
Site: Grid H
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 56.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	56.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-001

COMMENTS

Manhole installation.

Inspection Date: 12/20/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-506

WELL INFORMATION

Well Number: GW-776 — Screen or Open Interval Length: 10.3 ft.

Site: Grid H — Constructed Depth: 22.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	22.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-001

COMMENTS

Manhole installation.

Inspection Date: 12/20/94 — Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-037

WELL INFORMATION

Well Number: GW-777
Site: Grid B2
Screen or Open Interval Length: 10.1 ft.
Constructed Depth: 61.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		61.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		____ %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: ____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 ____

COMMENTS

Inspection Date: 4/25/94
Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-038

WELL INFORMATION

Well Number: GW-778
Site: Grid B2
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 24.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	24.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 4/25/94 Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-039

WELL INFORMATION

Well Number: GW-779
Site: Grid F2
Screen or Open Interval Length: 10.1 ft.
Constructed Depth: 65.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		65.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		X	

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?	X		
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 4/25/94
Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-040

WELL INFORMATION

Well Number: GW-780
Site: Grid F2
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 20.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 4/25/94
Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-041

WELL INFORMATION

Well Number: GW-781
Site: Grid E3
Screen or Open Interval Length: 10.1 ft.
Constructed Depth: 71.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		61.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 4/25/94
Inspected By: J. Sitzler

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-042

WELL INFORMATION

Well Number: GW-782 — Screen or Open Interval Length: 10.0 ft.

Site: Grid E3 — Constructed Depth: 38.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	37.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 4/25/94 Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-043

WELL INFORMATION

Well Number: GW-783
Site: Grid E3
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 16.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	16.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 4/25/94
Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-104

WELL INFORMATION

Well Number: GW-784 — Screen or Open Interval Length: 10.2 ft.

Site: Grid D — Constructed Depth: 66.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	66.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 7/25/94 Inspected By: J. Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-105

WELL INFORMATION

Well Number: GW-785
Site: Grid D
Screen or Open Interval Length: 10.3 ft.
Constructed Depth: 26.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		28.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 7/25/94
Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-046

WELL INFORMATION

Well Number: GW-786 — Screen or Open Interval Length: 5.1 ft.

Site: Grid E2 — Constructed Depth: 66.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	66.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	8 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 4/25/94 Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-047

WELL INFORMATION

Well Number: GW-787
Site: Grid E2
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 16.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		16.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 4/25/94
Inspected By: J. Sitzler

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-048

WELL INFORMATION

Well Number: GW-788 — Screen or Open Interval Length: 9.8 ft.

Site: Grid F3 — Constructed Depth: 70.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	69.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 4/25/94 Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-049

WELL INFORMATION

Well Number: GW-789
Site: Grid F3
Screen or Open Interval Length: 10.7 ft.
Constructed Depth: 25.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	25.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 4/25/94 Inspected By: J. Sitzler

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-102

WELL INFORMATION

Well Number: GW-791
Site: Grid D
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 69.9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	72.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs ID tag.

Inspection Date: 7/25/94
Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-103

WELL INFORMATION

Well Number: GW-792
Site: Grid D
Screen or Open Interval Length: 9.3 ft.
Constructed Depth: 29.3 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		32.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well needs ID tag.

Inspection Date: 7/25/94
Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-533

WELL INFORMATION

Well Number: GW-793 | Screen or Open Interval Length: 10.0 ft.
Site: LLWAGSF | Constructed Depth: 31.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	31.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Locked gate at entrance to LLWAGSF		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Inspection Date: 12/21/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-117

WELL INFORMATION

Well Number: GW-794
Site: LLWAGSF
Screen or Open Interval Length: 9.8 ft.
Constructed Depth: 42.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		42.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 7/28/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-134

WELL INFORMATION

Well Number: GW-795 — Screen or Open Interval Length: 9.8 ft.
Site: LLAGWSF — Constructed Depth: 22.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	22.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Weeds need cutting in vicinity of well and tree removed which is partially blocking road.

Inspection Date: 8/4/94 — Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-316

WELL INFORMATION

Well Number: GW-796
Site: SPAD
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 140.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	139.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-015S

COMMENTS

Inspection Date: 10/25/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-531

WELL INFORMATION

Well Number: GW-797 — Screen or Open Interval Length: 9.5 ft.

Site: SPAD — Constructed Depth: 137.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	137.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-011S, 94-037S

COMMENTS

Inspection Date: 12/21/94 — Inspected By: McMaster

A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-058

WELL INFORMATION

Well Number: GW-798
Site: SPAD
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: See comments ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	153.0* ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

*Info. in data base or construction record for well is in error. Well is deeper by 15' than listed constructed depth. Will submit correction to data base manager.

Inspection Date: 5/30/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-057

WELL INFORMATION

Well Number: GW-799
Site: SPAD
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 94.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	94.1 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-010S

COMMENTS

Inspection Date: 5/30/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-141

WELL INFORMATION

Well Number: GW-800 — Screen or Open Interval Length: 9.9 ft.

Site: O L — Constructed Depth: 32..9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	33.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 8/4/94 — Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-532

WELL INFORMATION

Well Number: GW-801 — Screen or Open Interval Length: 10.0 ft.

Site: SPAD — Constructed Depth: 191.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	191.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-014S

COMMENTS

Inspection Date: 12/21/94 Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-666

WELL INFORMATION

Well Number: GW-816
Site: EXP
Screen or Open Interval Length: 9.4 ft.
Constructed Depth: 17.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		17.8 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-051S

COMMENTS

Inspection Date: 6/17/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-665

WELL INFORMATION

Well Number: GW-817
Site: EXP
Screen or Open Interval Length: 20.6 ft.
Constructed Depth: 25.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	25.6 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-051S

COMMENTS

Inspection Date: 6/17/94
Inspected By: McMaster

APPENDIX C
INACTIVE WELL INSPECTIONS

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-207

WELL INFORMATION

Well Number: 1004
Site: S3
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 31.3 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?	X		
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	30.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	12 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Recorder box on well; not presently secured. Needs rehabilitation. Recommend P&A; substandard construction.

Inspection Date: 8/18/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-368

WELL INFORMATION

Well Number: 1034
Site: B G
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 48.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	44.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	40 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Recommend well for P&A due to substandard construction.

Inspection Date: 11/2/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-256

WELL INFORMATION

Well Number: 1082
Site: ORSF
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 53.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	55.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No guardposts installed. Soft tag for measurement.

Inspection Date: 9/22/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-264

WELL INFORMATION

Well Number: 1084 — Screen or Open Interval Length: 10.0 ft.

Site: ORSF — Constructed Depth: 147.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		148.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well is behind fence.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

No pad or posts, but is acceptable.

Inspection Date: 9/26/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-238

WELL INFORMATION

Well Number: 1095
Site: CRSDB
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 120.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		121.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

6" PVC casing has no locking cap. Replaced ID tag. Installed locking cap, 10/6/94.

Inspection Date: 9/21/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-230

WELL INFORMATION

Well Number: 1096
Site: CRSDB
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 69.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	70.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well is 6" PVC casing; no pad or posts.

Inspection Date: 9/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-411

WELL INFORMATION

Well Number: 1101
Site: FAP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 31.4 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		31.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			X
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

2' PVC casing stickup, no pad or posts. Access by walking. Water tight locking cap. Recommend P&A.

Inspection Date: 11/10/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-416

WELL INFORMATION

Well Number: 1102 — Screen or Open Interval Length: 10.0 ft.

Site: FAP — Constructed Depth: 77.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		77.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?			X
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

2" PVC casing stickup, no pad or posts. Watertight cap with lock. Access by walking. Recommend P&A.

Inspection Date: 11/10/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-418

WELL INFORMATION

Well Number: 1103
Site: FAP
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 27.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	27.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	8 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			X
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

2" PVC casing stickup, no pad or posts. Recommend P&A.

Inspection Date: 11/10/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-417

WELL INFORMATION

Well Number: 1104 — Screen or Open Interval Length: 5.0 ft.

Site: FAP — Constructed Depth: 56.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	58.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			X
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

2" PVC casing stickup, no pad or posts. Watertight cap with lock. Access by walking. Recommend P&A.

Inspection Date: 11/10/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-415

WELL INFORMATION

Well Number: 1105
Site: FAP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 58.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	57.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	10 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			X
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

2" PVC casing stickup, no pad or posts. Water tight locking cap. Access by walking. Recommend P&A.

Inspection Date: 11/10/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-414

WELL INFORMATION

Well Number: 1106 — Screen or Open Interval Length: 5.0 ft.

Site: FAP — Constructed Depth: 36.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	35.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?			X
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

2" PVC casing stickup, no pad or posts. Watertight cap. Access by walking. Recommend P&A.

Inspection Date: 11/10/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-412

WELL INFORMATION

Well Number: 1107
Site: FAP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 34.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		33.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		10 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			X
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

2" PVC casing stick up, no pad or posts. Water tight cap with lock. Access is by walking. Recommend P&A.

Inspection Date: 11/10/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-413

WELL INFORMATION

Well Number: 1108 — Screen or Open Interval Length: 5.0 ft.

Site: FAP — Constructed Depth: 11.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		11.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?			X
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

2" PVC casing stickup, no pad or posts. Watertight cap. Access by walking. Recommend P&A.

Inspection Date: 11/10/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-419

WELL INFORMATION

Well Number: 1109
Site: FAP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 42.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?	X		
2. Does the well have a waterproof steel / brass lock?			X
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		39.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		26 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			X
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

2" PVC well casing; access is by walking. Found with cap and lovk missing. Recommend P&A for this well.

Inspection Date: 11/10/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-420

WELL INFORMATION

Well Number: 1110
Site: FAP
Screen or Open Interval Length: 7.0 ft.
Constructed Depth: 9.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	8.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:			
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well has water-tight locking cap. Access is by walking. Recommend P&A for this well.

Inspection Date: 11/10/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-462

WELL INFORMATION

Well Number: 53-1A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 25.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?	X		
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		21.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		64 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs new lock and hasp, brush cleared from around site.

Inspection Date: 11/17/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-502

WELL INFORMATION

Well Number: 54-2A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 29.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	26.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	58 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well casing and cap has been painted.

Inspection Date: 12/15/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-452

WELL INFORMATION

Well Number: 55-1A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 19.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	19.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	14 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/16/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-451

WELL INFORMATION

Well Number: 55-1B
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 39.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	38.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/16/94 Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-450

WELL INFORMATION

Well Number: 55-1C
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 76.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	75.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	20 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Inspection Date: 11/16/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-449

WELL INFORMATION

Well Number: 55-2A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 14.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	13.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	16 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 11/16/94 Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-448

WELL INFORMATION

Well Number: 55-2B
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 28.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		27.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		26 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/16/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-447

WELL INFORMATION

Well Number: 55-2C
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 76.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		75.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/16/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-446

WELL INFORMATION

Well Number: 55-3A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 15.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well located in a radiological area		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Only a visual inspection performed; wells located in a rad. zone.

Inspection Date: 11/16/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-445

WELL INFORMATION

Well Number: 55-3B
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 39.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well located in a radiological area		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Only a visual inspection performed; well located in a rad. zone.

Inspection Date: 11/16/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-444

WELL INFORMATION

Well Number: 55-3C
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 80.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well is located in a radiological area.		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Only a visual inspection performed since well is in a designated rad. zone.

Inspection Date: 11/16/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-457

WELL INFORMATION

Well Number: 55-4B
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 26.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: ☐ Steel ☐ Stainless Steel ☐ PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☐	☒	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	☒	☐	☐
2. Does the well have a waterproof steel / brass lock?	☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☐	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	☒	☐	☐
2. Measured depth of well from top of well casing: _____ ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length _____ %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☐
5. Do any obstructions occur within the well?	☐	☒	☐

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☐
3. Is the well identification number correct?	☒	☐	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☐
2. Is the pad cracked or deteriorated?	☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☐
3. Are the guardposts of adequate height?	☒	☐	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well not located; probably destroyed.

Inspection Date: 11/17/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-458

WELL INFORMATION

Well Number: 55-4C
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 73.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: ☐ Steel ☐ Stainless Steel ☐ PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☒	☐
2. Is the PVC well casing cracked or broken?	☐	☒	☐
3. Is a protective surface casing installed (PVC well only)?	☒	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☒	☐
5. Is a weep located at the base of the protective casing?	☒	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☐	☒	☐

WELL SECURITY:

1. Does the well have a cap or lid?	☒	☐	☐
2. Does the well have a waterproof steel / brass lock?	☒	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☒	☐	☐

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?	☒	☐	☐
2. Measured depth of well from top of well casing:			_____ ft.
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length			_____ %
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☒	☐
5. Do any obstructions occur within the well?	☐	☒	☐

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	☐	☒	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☒	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☒	☐	☐
2. Is the well number legible?	☒	☐	☐
3. Is the well identification number correct?	☒	☐	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	☒	☐	☐
2. Is the pad cracked or deteriorated?	☐	☒	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☒	☐	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	☒	☐
2. Are the guardposts positioned to prevent collision damage to well?	☒	☐	☐
3. Are the guardposts of adequate height?	☒	☐	☐
4. Is the high-traffic yellow paint degraded?	☐	☒	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Could not locate well; probably destroyed.

Inspection Date: 11/17/94

Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-456

WELL INFORMATION

Well Number: 55-5A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 12.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: ☐ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	■	☐
2. Is the PVC well casing cracked or broken?	☐	■	☐
3. Is a protective surface casing installed (PVC well only)?	■	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	■	☐
5. Is a weep located at the base of the protective casing?	■	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☐	■	☐
WELL SECURITY:			
1. Does the well have a cap or lid?	■	☐	☐
2. Does the well have a waterproof steel / brass lock?	■	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	■	☐	☐
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	■	☐	☐
2. Measured depth of well from top of well casing: _____ ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length _____ %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	■	☐
5. Do any obstructions occur within the well?	☐	■	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	■	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	■	☐
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	■	☐	☐
2. Is the well number legible?	■	☐	☐
3. Is the well identification number correct?	■	☐	☐
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	■	☐	☐
2. Is the pad cracked or deteriorated?	☐	■	☐
3. Is the pad sloped to prevent water from ponding around the casing?	■	☐	☐
GUARD POSTS:			
1. Are the guardposts damaged?	☐	■	☐
2. Are the guardposts positioned to prevent collision damage to well?	■	☐	☐
3. Are the guardposts of adequate height?	■	☐	☐
4. Is the high-traffic yellow paint degraded?	☐	■	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Could not locate well; probably destroyed.

Inspection Date: 11/17/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-455

WELL INFORMATION

Well Number: 55-6A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 15.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		12.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		48 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/17/94

Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-454

WELL INFORMATION

Well Number: 56-1A — Screen or Open Interval Length: 5.0 ft.
Site: Y-12 — Constructed Depth: 19.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	18.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	12 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/17/94 Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-453

WELL INFORMATION

Well Number: 56-1C
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 75.9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	73.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	50 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/17/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-442

WELL INFORMATION

Well Number: 56-2A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 15.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	15.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	16 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?	X		
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/16/94 Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-441

WELL INFORMATION

Well Number: 56-2B
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 38.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	38.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?	X		
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/16/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-443

WELL INFORMATION

Well Number: 56-2C
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 79.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	77.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	54 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?	X		
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/16/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-440

WELL INFORMATION

Well Number: 56-3A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 18.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		17.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		16 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/16/94

Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-439

WELL INFORMATION

Well Number: 56-3B
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 34.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	33.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	26 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Soft tag on bottom for measurement.

Inspection Date: 11/16/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-438

WELL INFORMATION

Well Number: 56-3C
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 56.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		55.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		14 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/16/94 Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-435

WELL INFORMATION

Well Number: 56-4A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 14.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?		X	
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	13.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	10 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No pad or posts. Top of casing is broken.

Inspection Date: 11/16/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-434

WELL INFORMATION

Well Number: 56-4B
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 33.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	☐	☐	☐
2. Is the PVC well casing cracked or broken?	☐	☐	☐
3. Is a protective surface casing installed (PVC well only)?	☐	☐	☐
4. Is the protective casing corroded, bent, or broken?	☐	☐	☐
5. Is a weep located at the base of the protective casing?	☐	☐	☐
6. Is the steel, stainless steel, or PVC well casing loose?	☐	☐	☐

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?	☐	☐	☐
2. Does the well have a waterproof steel / brass lock?	☐	☐	☐
3. Are the hasps firmly welded to well cap and / or metal casing?	☐	☐	☐

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?	☐	☐	☐
2. Measured depth of well from top of well casing:	_____ ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	_____ %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	☐	☐	☐
5. Do any obstructions occur within the well?	☐	☐	☐

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	☐	☐	☐
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	☐	☐	☐

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	☐	☐	☐
2. Is the well number legible?	☐	☐	☐
3. Is the well identification number correct?	☐	☐	☐

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	☐	☐	☐
2. Is the pad cracked or deteriorated?	☐	☐	☐
3. Is the pad sloped to prevent water from ponding around the casing?	☐	☐	☐

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	☐	☐	☐
2. Are the guardposts positioned to prevent collision damage to well?	☐	☐	☐
3. Are the guardposts of adequate height?	☐	☐	☐
4. Is the high-traffic yellow paint degraded?	☐	☐	☐

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Could not locate well; probably destroyed.

Inspection Date: 11/16/94

Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-433

WELL INFORMATION

Well Number: 56-4C
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 79.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?	X		
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	75.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	90 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/16/94 Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-437

WELL INFORMATION

Well Number: 56-6A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 23.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	48 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: -	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?		X	
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No pad; post appears to have been hit; well has silt in screened interval.

Inspection Date: 11/16/94

Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-430

WELL INFORMATION

Well Number: 56-7A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 22.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	21.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	38 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?	X		
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Only one guardpost in place, no pad. Low priority for maintenance.

Inspection Date: 11/16/94
Inspected By: S.B. Jones

94-R

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-431

WELL INFORMATION

Well Number: 56-8A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 28.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		25.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No pad, posts.

Inspection Date: 11/16/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-432

WELL INFORMATION

Well Number: 56-9A
Site: Y-12
Screen or Open Interval Length: 19.4 ft.
Constructed Depth: 5.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			
2. Is the PVC well casing cracked or broken?			
3. Is a protective surface casing installed (PVC well only)?			
4. Is the protective casing corroded, bent, or broken?			
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?			
WELL SECURITY:			
1. Does the well have a cap or lid?			
2. Does the well have a waterproof steel / brass lock?			
3. Are the hasps firmly welded to well cap and / or metal casing?			
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing: _____ ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length _____ %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?			

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			
2. Is the well number legible?			
3. Is the well identification number correct?			
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			
2. Is the pad cracked or deteriorated?			
3. Is the pad sloped to prevent water from ponding around the casing?			
GUARD POSTS:			
1. Are the guardposts damaged?			
2. Are the guardposts positioned to prevent collision damage to well?			
3. Are the guardposts of adequate height?			
4. Is the high-traffic yellow paint degraded?			

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

*Could not locate well; may be destroyed.

Inspection Date: 11/16/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-490

WELL INFORMATION

Well Number: 58-2A
Site: Y-12
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 11.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		9.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		38 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Dumpster in front of well.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 12/15/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-334

WELL INFORMATION

Well Number: CH-143
Site: KHQ
Screen or Open Interval Length: 546.0 ft.
Constructed Depth: 600.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		X	
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Corehole is obstructed at 54.5 ft. below top of casing.

Inspection Date: 11/1/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-236

WELL INFORMATION

Well Number: CH-157
Site: CRSDB
Screen or Open Interval Length: 459.0 ft.
Constructed Depth: 540.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Corehole, steel cased (4") No pad or posts. No measurement made; suspect contamination. Advise no tools in hole.

Inspection Date: 9/21/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-664

WELL INFORMATION

Well Number: CH-185 — Screen or Open Interval Length: -- ft.

Site: R Q — Constructed Depth: 842.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	See comments ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Corehole; no measurement made since TD is greater than tape capacity.

Inspection Date: 12/6/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-663

WELL INFORMATION

Well Number: CH-189
Site: R Q

Screen or Open Interval Length: -- ft.
Constructed Depth: 763.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		X	
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?	X		
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?			X

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?	X		
2. Measured depth of well from top of well casing:	See comments ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?	X		
3. Is the well identification number correct?	X		

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well was resurveyed in order to locate. Needs complete wellhead rehabilitation. Corehole clear to approximately 700 ft, the capacity of tape reel.

Inspection Date: 12/6/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-205

WELL INFORMATION

Well Number: GW-001
Site: O L
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 25.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	27.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well is 2.2 ft. deeper than listed constructed depth.

Inspection Date: 8/18/94
Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-206

WELL INFORMATION

Well Number: GW-002
Site: O L

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 61.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

2" stainless casing obstructed at 1 ft. below top of casing. Bailer is stuck in well and cannot be removed.

Inspection Date: 8/18/94

Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-285

WELL INFORMATION

Well Number: GW-005
Site: O L
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 13.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	15.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting.

Inspection Date: 10/7/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-463

WELL INFORMATION

Well Number: GW-006
Site: O L
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 42.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?	X		
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	46.0 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			X
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-059S, 94-062P

COMMENTS

This well had been covered by previous activities for cap, had to excavate area to find. Well needs casing extension, pad, posts installed. Well is to be sampled again on routine basis. Will also need rehab. work before sampling.

Inspection Date: 11/30/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-288

WELL INFORMATION

Well Number: GW-007
Site: O L
Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 15.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			
2. Is the PVC well casing cracked or broken?			
3. Is a protective surface casing installed (PVC well only)?			
4. Is the protective casing corroded, bent, or broken?			
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing casing loose?			
WELL SECURITY:			
1. Does the well have a cap or lid?			
2. Does the well have a waterproof steel/brass lock?			
3. Are the hasps firmly welded to well cap and/or metal casing?			
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing: _____ ft.			
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length _____ %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?			

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____			
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			
2. Is the well number legible?			
3. Is the well identification number correct?			
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			
2. Is the pad cracked or deteriorated?			
3. Is the pad sloped to prevent water from ponding around the casing?			
GUARD POSTS:			
1. Are the guard posts damaged?			
2. Are the guardposts positioned to prevent collision damage to well?			
3. Are the guardposts of adequate height?			
4. Is the high-traffic yellow paint degraded?			

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-059S

COMMENTS

*Well covered to top of Well Wizard with fill material; Well Wizard cannot be removed. Pump head does not fit securely on casing. Debris and gravel suspected in well casing. Recommend P&A if possible.

Inspection Date: 10/7/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-291

WELL INFORMATION

Well Number: GW-008
Site: O L
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 23.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		24.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		x	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting.

Inspection Date: 10/7/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-295

WELL INFORMATION

Well Number: GW-010 — Screen or Open Interval Length: 5.0 ft.

Site: O L — Constructed Depth: 14.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	17.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

Inspection Date: 10/7/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-293

WELL INFORMATION

Well Number: GW-011
Site: O L

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 49.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		No msmt. ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?		X	
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Could not remove Well Wizard, casing is kinked. Protective posts and ID tag buried under cap. Well number on pump head.

Inspection Date: 10/7/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-294

WELL INFORMATION

Well Number: GW-012 — Screen or Open Interval Length: 2.0 ft.

Site: O L — Constructed Depth: 17.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	18.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

ID tag for well buried under cap. Protective posts are buried too. Well Wizard installation, well number on pumphead.

Inspection Date: 10/7/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-296

WELL INFORMATION

Well Number: GW-013
Site: OL
Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 12.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No Msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Well Wizard installation, could not remove due to obstruction casing. No measurement.

Inspection Date: 10/7/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-127

WELL INFORMATION

Well Number: GW-014 — Screen or Open Interval Length: 2.0 ft.

Site: B G — Constructed Depth: 14.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	15.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard installation; removed andreplaced for measurement. Posts need painting.

Inspection Date: 8/3/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-128

WELL INFORMATION

Well Number: GW-015
Site: B G

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 10.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		11.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well access needs clearing of brush and weeds. Posts need painting.

Inspection Date: 8/3/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-183

WELL INFORMATION

Well Number: GW-016 — Screen or Open Interval Length: 2.0 ft.
Site: B G — Constructed Depth: 17.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	18.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well Wizard installation; removed and replaced for measurement.. Posts need painting.

Inspection Date: 8/9/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-392

WELL INFORMATION

Well Number: GW-017
Site: B G

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 63.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		65.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/7/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-284

WELL INFORMATION

Well Number: GW-018
Site: B G

Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 20.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		21.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

This well is slightly obstructed approx. 2-3 ft. below top of casing.

Inspection Date: 9/29/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-466

WELL INFORMATION

Well Number: GW-041
Site: B G

Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 41.6 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		42.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Contact Health Physics for entry into burial ground (Rad area)		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 11/30/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-394

WELL INFORMATION

Well Number: GW-045 Site: B G

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 15.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		17.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 11/7/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-325

WELL INFORMATION

Well Number: GW-046
Site: B G

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 20.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		22.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard; removed and replaced for measurement.

Inspection Date: 10/28/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-182

WELL INFORMATION

Well Number: GW-048
Site: B G
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 10.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Weeds, and small trees need removal for access.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Bailer is stuck in well and cannot be removed. No protective posts in place. Recommend P&A.

Inspection Date: 8/9/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-179

WELL INFORMATION

Well Number: GW-049
Site: B G

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 21.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?	X		
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		No msmt. ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well has no hasp or lock. Bailer is stuck in well and cannot be removed. Recommend P&A.

Inspection Date: 8/9/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-175

WELL INFORMATION

Well Number: GW-050
Site: B G

Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 15.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	17.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Annular grout is crumbled at surface, but hard below. Posts need painting.

Inspection Date: 8/8/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-324

WELL INFORMATION

Well Number: GW-051
Site: B G

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 13.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		14.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard installation; removed and replaced for measurement. Well is dry; good candidate for P&A.

Inspection Date: 10/28/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-397

WELL INFORMATION

Well Number: GW-052 — Screen or Open Interval Length: 5.0 ft.

Site: B G — Constructed Depth: 20.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	21.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 11/7/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-331

WELL INFORMATION

Well Number: GW-054
Site: B G

Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 40.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		40.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-023S

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 10/28/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-089

WELL INFORMATION

Well Number: GW-055 — Screen or Open Interval Length: 2.0 ft.

Site: BG — Constructed Depth: 23.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	22.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	— %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-023S

COMMENTS

Inspection Date: 7/20/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-094

WELL INFORMATION

Well Number: GW-058
Site: B G

Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 47.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		47.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 7/20/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-095

WELL INFORMATION

Well Number: GW-059 — Screen or Open Interval Length: 2.0 ft.

Site: B G — Constructed Depth: 27.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	27.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well needs ID tag replaced.

Inspection Date: 7/20/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-088

WELL INFORMATION

Well Number: GW-060
Site: B G

Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 53.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		X	
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?			

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Casing is bent or obstructed at approx. 1' below top casing. This obstruction is below top of protective casing and grout..
Well Wizard pump is stuck in casing and cannot be removed. Recommend P&A for this well.

Inspection Date: 7/19/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-142

WELL INFORMATION

Well Number: GW-062 — Screen or Open Interval Length: 2.0 ft.

Site: O L — Constructed Depth: 54.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	54.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 8/4/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-162

WELL INFORMATION

Well Number: GW-065
Site: O L

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 36.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	36.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Bailer in well; removed and replaced for measurement. Posts need painting.

Inspection Date: 8/8/94

Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-160

WELL INFORMATION

Well Number: GW-066 — Screen or Open Interval Length: 2.0 ft.

Site: O L — Constructed Depth: 59.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Bailer is stuck in casing and cannot be removed. No measurement made. Posts need painting.

Inspection Date: 8/8/94 Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-161

WELL INFORMATION

Well Number: GW-067
Site: OL
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 20.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.8 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-042S

COMMENTS

Inspection Date: 8/8/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-326

WELL INFORMATION

Well Number: GW-068 — Screen or Open Interval Length: 10.2 ft.

Site: B G — Constructed Depth: 81.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	85.2 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 10/28/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-282

WELL INFORMATION

Well Number: GW-070
Site: B G

Screen or Open Interval Length: 15.6 ft.
Constructed Depth: 142.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		142.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 9/29/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-184

WELL INFORMATION

Well Number: GW-071
Site: B G

Screen or Open Interval Length: 20.6 ft.
Constructed Depth: 222.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	221.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard installation, removed and replaced for measurement. Posts need painting.

Inspection Date: 8/9/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-185

WELL INFORMATION

Well Number: GW-072
Site: B G

Screen or Open Interval Length: 10.6 ft.
Constructed Depth: 101.9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		101.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well Wizard installation, removed and replaced for measurement. Posts need painting.

Inspection Date: 8/9/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-330

WELL INFORMATION

Well Number: GW-073 | Screen or Open Interval Length: 10.0 ft.
Site: O L | Constructed Depth: 82.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	81.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	7 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 10/28/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-292

WELL INFORMATION

Well Number: GW-074
Site: O L
Screen or Open Interval Length: 20.6 ft.
Constructed Depth: 209.3 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?		X	
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	209.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-055P

COMMENTS

Well is located on edge of cap. No posts (except old ones covered by fill). 2" stainless casing has had extension welded to original and water is leaking from weld. Needs to be rewelded.

Inspection Date: 10/7/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-289

WELL INFORMATION

Well Number: GW-075
Site: OL
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 201.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		203.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?	X		
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Another guardpost needs installed and existing post painted. Well Wizard installation; removed and replaced for measurement.

Inspection Date: 10/7/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-286

WELL INFORMATION

Well Number: GW-076
Site: OL

Screen or Open Interval Length: 10.6 ft.
Constructed Depth: 83.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		83.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Posts need painting.

Inspection Date: 10/7/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-072

WELL INFORMATION

Well Number: GW-077
Site: BG
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 104.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X*	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	104.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Access needs some gravel; posts need painting. *Well Wizard installation; removed and replaced for measurement.

Inspection Date: 7/19/94 Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-073

WELL INFORMATION

Well Number: GW-078
Site: BG
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 24.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X*	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	24.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well access could use some gravel; posts need painting. *Well Wizard installation, removed and replaced.

Inspection Date: 7/19/94
Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-398

WELL INFORMATION

Well Number: GW-081
Site: B G

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 20.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?			X
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well Wizad installation; pumphead broken, needs replacement.

Inspection Date: 11/7/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-468

WELL INFORMATION

Well Number: GW-082
Site: B G

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 37.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	37.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	6 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Well Wizard installation; removed and replaced for measurement.

Inspection Date: 11/30/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-369

WELL INFORMATION

Well Number: GW-083 — Screen or Open Interval Length: 5.0 ft.

Site: B G — Constructed Depth: 33.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	33.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Posts need paint.

Inspection Date: 11/2/94 Inspected By: McMaster/Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-165

WELL INFORMATION

Well Number: GW-086
Site: O L

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 32.9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		33.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 8/8/94

Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-520

WELL INFORMATION

Well Number: GW-087
Site: OL
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 22.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?	X		
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	21.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	8 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Access to this well is by walking. Cannot drive without permission from WTSD on cap to wellsite. Posts need painting and hasp rewelding. Well Wizard installation, removed and replaced for measurement.

Inspection Date: 12/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-467

WELL INFORMATION

Well Number: GW-089
Site: B G

Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 26.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		26.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		15 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-037S

COMMENTS

Inspection Date: 11/30/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-400

WELL INFORMATION

Well Number: GW-090 — Screen or Open Interval Length: 2.0 ft.

Site: B G — Constructed Depth: 17.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	18.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Posts need paint.

Inspection Date: 11/1/94 — Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-399

WELL INFORMATION

Well Number: GW-091
Site: B G

Screen or Open Interval Length: 2.0 ft.
Constructed Depth: 27.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		19.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		> 100 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Soft tag for measurement, needs redevelopment before monitoring. Posts need paint.

Inspection Date: 11/7/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-086

WELL INFORMATION

Well Number: GW-094
Site: B G

Screen or Open Interval Length: 21.0 ft.
Constructed Depth: 118.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X*	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	118.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

*Well Wizard installation; removed and replaced for measurement.

Inspection Date: 7/19/94

Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-469

WELL INFORMATION

Well Number: GW-096
Site: B G

Screen or Open Interval Length: 15.4 ft.
Constructed Depth: 62.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	55.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	40 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well could possibly be obstructed; measurement is solid not soft.

Inspection Date: 11/30/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-177

WELL INFORMATION

Well Number: GW-096A
Site: B G
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 63.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	53.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

This well likely has an obstruction; annular grout is deteriorated. Recommend P&A.

Inspection Date: 8/9/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-328

WELL INFORMATION

Well Number: GW-097
Site: O L
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 20.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		No msmt. ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well Wizard installation; could not be removed for measurement.

Inspection Date: 10/28/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-327

WELL INFORMATION

Well Number: GW-097A
Site: O L
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 22.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	24.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 10/28/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-329

WELL INFORMATION

Well Number: GW-098
Site: O L

Screen or Open Interval Length: 21.0 ft.
Constructed Depth: 106.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		104.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		10 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well Wizard installation, removed and replaced for measurement.

Inspection Date: 10/28/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-472

WELL INFORMATION

Well Number: GW-100 — Screen or Open Interval Length: 4.0 ft.

Site: S3 — Constructed Depth: 16.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	17.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well Wizard installation; removed and replaced for measurement. Posts need painting.

Inspection Date: 12/6/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-570

WELL INFORMATION

Well Number: GW-101
Site: S3

Screen or Open Interval Length: 4.0 ft.
Constructed Depth: 17.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?		X	
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	18.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Protective casing is loose. Well Wizard installation.

Inspection Date: 11/21/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-572

WELL INFORMATION

Well Number: GW-105 Site: S3

Screen or Open Interval Length: 4.0 ft.
Constructed Depth: 19.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well Wizard cannot be removed due to obstruction in well.

Inspection Date: 11/21/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-571

WELL INFORMATION

Well Number: GW-106
Site: S3

Screen or Open Interval Length: 9.0 ft.
Constructed Depth: 72.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		74.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well Wizard installation; removed and replaced for measurement. Pump head needs securing pin replaced. Concrete pad needs replacement.

Inspection Date: 11/21/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-544

WELL INFORMATION

Well Number: GW-107 | Screen or Open Interval Length: 4.0 ft.
Site: S3 | Constructed Depth: 15.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	16.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well Wizard installation, removed and replaced for measurement. Posts need painting.

Inspection Date: 12/22/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-543

WELL INFORMATION

Well Number: GW-108
Site: S3
Screen or Open Interval Length: 9.0 ft.
Constructed Depth: 58.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		59.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting. Well Wizard installation, removed and replaced for measurement.

Inspection Date: 12/22/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-542

WELL INFORMATION

Well Number: GW-109
Site: S3
Screen or Open Interval Length: 19.0 ft.
Constructed Depth: 124.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	125.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting. Well Wizard installation, removed and replaced for measurement.

Inspection Date: 12/22/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-303

WELL INFORMATION

Well Number: GW-112
Site: G C

Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 248.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		249.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: See comments			

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Well is located off road, not accessible by driving. Area has been logged in vicinity of well. Well ID is on cap. Well has bailer installed.

Inspection Date: 10/20/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-302

WELL INFORMATION

Well Number: GW-113
Site: G C
Screen or Open Interval Length: 20.4 ft.
Constructed Depth: 160.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		162.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: See comments			

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well is located off road, not accessible by driving. Area has been logged in vicinity of well. Well has bailer installed.

Inspection Date: 10/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-085

WELL INFORMATION

Well Number: GW-117
Site: B G
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 533.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		X	
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X*	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No Msmt. ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[X] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-039P

COMMENTS

Well has packer installed to stop artesian flow.

Inspection Date: 7/19/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-396

WELL INFORMATION

Well Number: GW-118
Site: B G
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 578.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	578.2 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

A packer may need to be installed; this well flows periodically.

Inspection Date: 11/7/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-176

WELL INFORMATION

Well Number: GW-119
Site: B G
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 513.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	513.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Posts need painting.

Inspection Date: 8/9/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-195

WELL INFORMATION

Well Number: GW-120
Site: O L
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 183.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	184.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 8/15/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-290

WELL INFORMATION

Well Number: GW-121
Site: O L
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 603.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		608.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?	X		
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Needs guardpost installed, posts painted.

Inspection Date: 10/7/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-537

WELL INFORMATION

Well Number: GW-122
Site: S3
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 145.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		145.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/22/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-538

WELL INFORMATION

Well Number: GW-123
Site: S3
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 575.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		574.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 12/22/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-540

WELL INFORMATION

Well Number: GW-124
Site: S3
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 153.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	153.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-044S

COMMENTS

Inspection Date: 12/22/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-539

WELL INFORMATION

Well Number: GW-125
Site: S3
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 554.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	554.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-044S

COMMENTS

Inspection Date: 12/22/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-080

WELL INFORMATION

Well Number: GW-126
Site: B G

Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 158.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		159.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Paint posts.

Inspection Date: 7/19/94

Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-476

WELL INFORMATION

Well Number: GW-127
Site: S3
Screen or Open Interval Length: 4.0 ft.
Constructed Depth: 25.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	26.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need paint.

Inspection Date: 12/6/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-660

WELL INFORMATION

Well Number: GW-131 — Screen or Open Interval Length: -- ft.

Site: Westbay Sites — Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Security gate at water plant with key for access.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Wellhead inspection only; no measurment.

Inspection Date: 12/6/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-661

WELL INFORMATION

Well Number: GW-132
Site: Westbay Sites

Screen or Open Interval Length: -- ft.
Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Wellhead inspection only; no measurement.

Inspection Date: 12/6/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-662

WELL INFORMATION

Well Number: GW-133 — Screen or Open Interval Length: -- ft.

Site: Westbay Sites — Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Wellhead inspection only; no measurement.

Inspection Date: 12/6/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-483

WELL INFORMATION

Well Number: GW-134 — Screen or Open Interval Length: -- ft.

Site: Westbay Site — Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well head inspection, no measurement made.

Inspection Date: 12/6/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-484

WELL INFORMATION

Well Number: GW-135
Site: Westbay

Screen or Open Interval Length: -- ft.
Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		No msmt. ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-021S

COMMENTS

Wellhead inspection, no measurement made.

Inspection Date: 12/6/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-599

WELL INFORMATION

Well Number: GW-136
Site: GBR
Screen or Open Interval Length: 20.1 ft.
Constructed Depth: 443.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?			X
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guard posts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

1" PVC construction with air lift tubing. No measurement possible

Inspection Date: 6/15/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-428

WELL INFORMATION

Well Number: GW-150
Site: NHP
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 13.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		15.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-053S

COMMENTS

Inspection Date: 11/14/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-280

WELL INFORMATION

Well Number: GW-152
Site: NHP
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 19.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		20.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-044S, 94-054S

COMMENTS

Pad needs replacement.

Inspection Date: 9/27/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-197

WELL INFORMATION

Well Number: GW-163
Site: B G

Screen or Open Interval Length: 17.0 ft.
Constructed Depth: 227.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	See comments ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well has mechanical packer installed; no measurement made.

Inspection Date: 8/15/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-198

WELL INFORMATION

Well Number: GW-164
Site: B G
Screen or Open Interval Length: 35.0 ft.
Constructed Depth: 407.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		See comments ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well has mechanical packer installed; no measurement made.

Inspection Date: 8/15/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-096

WELL INFORMATION

Well Number: GW-165
Site: CRDT-10
Screen or Open Interval Length: 49.0 ft.
Constructed Depth: 326.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	309.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	32 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

This well will need redevelopment before being monitored.

Inspection Date: 7/20/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-097

WELL INFORMATION

Well Number: GW-166
Site: CRDT-10
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 386.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	381.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	100 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

This well will need redevelopment before being monitored.

Inspection Date: 7/20/94
Inspected By: _____

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-247

WELL INFORMATION

Well Number: GW-167
Site: USGS
Screen or Open Interval Length: 5.1 ft.
Constructed Depth: 31.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	33.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Replaced water-tight cap.

Inspection Date: 9/22/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-246

WELL INFORMATION

Well Number: GW-168
Site: USGS
Screen or Open Interval Length: 31.4 ft.
Constructed Depth: 138.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	138.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Replaced ID tag.

Inspection Date: 9/22/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-353

WELL INFORMATION

Well Number: GW-173
Site: CRSP

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 167.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	167.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-037S

COMMENTS

Inspection Date: 11/1/94

Inspected By: McMaster/Jones

94-m

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-354

WELL INFORMATION

Well Number: GW-174
Site: CRSP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 147.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	151.8 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-061S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-359

WELL INFORMATION

Well Number: GW-176 — Screen or Open Interval Length: 10.0 ft.

Site: CRSP — Constructed Depth: 148.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	147.2 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	10 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-061S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-358

WELL INFORMATION

Well Number: GW-178
Site: CRSP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 134.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		134.4 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-061S

COMMENTS

Dye used for tracer test in 1992 was injected into this well. Residual dye was detected during well depth tag.

Inspection Date: 11/1/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-356

WELL INFORMATION

Well Number: GW-179
Site: CRSP
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 120.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	122.5 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well located on edge of cap, no pad or posts.

Inspection Date: 11/1/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-355

WELL INFORMATION

Well Number: GW-180
Site: CRSP
Screen or Open Interval Length: 10.8 ft.
Constructed Depth: 145.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		146.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Weeds need clearing around well.		X	

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 11/1/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-550

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-426

WELL INFORMATION

Well Number: GW-185
Site: R Q
Screen or Open Interval Length: 66.6 ft.
Constructed Depth: 473.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	Approx. 472.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Replaced ID tag. New pad needs to be installed. This is only a fair measurement; not a solid tag on bottom.

Inspection Date: 11/14/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-424

WELL INFORMATION

Well Number: GW-189
Site: R Q

Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 213.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	206.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	34 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

This well needs redevelopment before moitoring again. Replaced lock.

Inspection Date: 11/14/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-567

WELL INFORMATION

Well Number: GW-190
Site: Y-12
Screen or Open Interval Length: 16.1 ft.
Constructed Depth: 29.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		29.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting.

Inspection Date: 11/18/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-489

WELL INFORMATION

Well Number: GW-193
Site: Y-12
Screen or Open Interval Length: 10.2 ft.
Constructed Depth: 21.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 12/15/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-459

WELL INFORMATION

Well Number: GW-196
Site: B-4
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 29.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?			
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	28.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	18 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Pad needs replacement.

Inspection Date: 11/17/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-554

WELL INFORMATION

Well Number: GW-197 — Screen or Open Interval Length: 5.0 ft.

Site: B-4 — Constructed Depth: 19.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well behind locked gate.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

Well needs ID tag, guardposts installed.

Inspection Date: 12/20/94 Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-382

WELL INFORMATION

Well Number: GW-198
Site: RDS
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 29.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		29.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Pad needs replacement, protective posts added.

Inspection Date: 11/2/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-384

WELL INFORMATION

Well Number: GW-200
Site: RDS
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 60.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		59.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Pad needs replacement; protective posts installed.

Inspection Date: 11/2/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-385

WELL INFORMATION

Well Number: GW-201
Site: RDS
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 24.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		24.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Pad needs replacement, protective posts installed.

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-383

WELL INFORMATION

Well Number: GW-202
Site: RDS

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 23.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		22.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		28 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well needs redevelopment before monitoring again; new pad and posts installed.

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-436

WELL INFORMATION

Well Number: GW-204
Site: Y-12
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 20.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		20.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/16/94 Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-297

WELL INFORMATION

Well Number: GW-209 Site: USGS

Screen or Open Interval Length: 5.1 ft.
Constructed Depth: 54.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			
2. Is the PVC well casing cracked or broken?			
3. Is a protective surface casing installed (PVC well only)?			
4. Is the protective casing corroded, bent, or broken?			
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?			

WELL SECURITY:

1. Does the well have a cap or lid?			
2. Does the well have a waterproof steel / brass lock?			
3. Are the hasps firmly welded to well cap and / or metal casing?			

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	_____ ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	_____ %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?			

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?			
2. Is the well number legible?			
3. Is the well identification number correct?			

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			
2. Is the pad cracked or deteriorated?			
3. Is the pad sloped to prevent water from ponding around the casing?			

GUARD POSTS:

1. Are the guardposts damaged?			
2. Are the guardposts positioned to prevent collision damage to well?			
3. Are the guardposts of adequate height?			
4. Is the high-traffic yellow paint degraded?			

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

2" PVC casing has been sheared off at pad. Cannot rehab. Recommend P&A.

Inspection Date: 10/20/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-298

WELL INFORMATION

Well Number: GW-210
Site: USGS
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 130.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	129.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Gate with contractor's lock.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?	X		
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well has water-tight locking cap. Needs another guardpost installed.

Inspection Date: 10/20/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-299

WELL INFORMATION

Well Number: GW-211
Site: USGS
Screen or Open Interval Length: 6.0 ft.
Constructed Depth: 413.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Contractor's lock on well.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?	X		
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Another guardpost needs installed. No measurement due to monitoring equipment in well.

Inspection Date: 10/20/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-576

WELL INFORMATION

Well Number: GW-212
Site: USGS

Screen or Open Interval Length: 4.4 ft.
Constructed Depth: 14.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			
2. Is the PVC well casing cracked or broken?			
3. Is a protective surface casing installed (PVC well only)?			
4. Is the protective casing corroded, bent, or broken?			
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?			

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?			
2. Does the well have a waterproof steel / brass lock?			
3. Are the hasps firmly welded to well cap and / or metal casing?			

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing: _____ ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length _____ %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?			

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____			

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			
2. Is the well number legible?			
3. Is the well identification number correct?			

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			
2. Is the pad cracked or deteriorated?			
3. Is the pad sloped to prevent water from ponding around the casing?			

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			
2. Are the guardposts positioned to prevent collision damage to well?			
3. Are the guardposts of adequate height?			
4. Is the high-traffic yellow paint degraded?			

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

This well has not been located; most likely has been destroyed.

Inspection Date: 11/22/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-577

WELL INFORMATION

Well Number: GW-214 — Screen or Open Interval Length: 15.4 ft.

Site: USGS — Constructed Depth: 433.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		419.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well located behind locked gate; access by walking.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well needs new cap and lock. No protective posts. Needs redevelopment before monitoring.

Inspection Date: 11/22/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-578

WELL INFORMATION

Well Number: GW-215
Site: USGS
Screen or Open Interval Length: 4.6 ft.
Constructed Depth: 15.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	15.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Recommend well for P&A, not being used for monitoring, substandard construction, and would take more money to rehab. than practical.

Inspection Date: 11/22/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-509

WELL INFORMATION

Well Number: GW-218
Site: UOV
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 30.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	30.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?		X	
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Guardposts need to be straightened and painted.

Inspection Date: 12/20/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-510

WELL INFORMATION

Well Number: GW-219
Site: UOV
Screen or Open Interval Length: 5.6 ft.
Constructed Depth: 15.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		15.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		7 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting. Replaced ID tag.

Inspection Date: 12/20/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-255

WELL INFORMATION

Well Number: GW-224
Site: R Q
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 128.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	127.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	8 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Posts need painting and weep installed. Replaced lock.

Inspection Date: 9/22/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-137

WELL INFORMATION

Well Number: GW-225
Site: O L
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 202.9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		203.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 8/4/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-138

WELL INFORMATION

Well Number: GW-226 — Screen or Open Interval Length: 10.0 ft.

Site: O L — Constructed Depth: 57.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	58.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 8/4/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-569

WELL INFORMATION

Well Number: GW-227
Site: O L
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 42.6 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	42.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/21/94 Inspected By: McMaster

94-171

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-139

WELL INFORMATION

Well Number: GW-228
Site: O L
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 102.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	90.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	62 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs redevelopment before sampling again.

Inspection Date: 8/4/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-140

WELL INFORMATION

Well Number: GW-229
Site: O L
Screen or Open Interval Length: 15.0 ft.
Constructed Depth: 58.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	42.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	> 100 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs redevelopment before monitoring again. Posts need painting.

Inspection Date: 8/4/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-208

WELL INFORMATION

Well Number: GW-236 — Screen or Open Interval Length: 5.0 ft.

Site: S3 — Constructed Depth: 20.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	21.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Grout is deteriorated in annulus.

Inspection Date: 8/18/94 — Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-178

WELL INFORMATION

Well Number: GW-237
Site: B G

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 12.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		17.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well is 4.7 ft. deeper than listed constructed depth. Posts need painting.

Inspection Date: 8/9/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-579

WELL INFORMATION

Well Number: GW-238
Site: USGS
Screen or Open Interval Length: 29.0 ft.
Constructed Depth: 130.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	129.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well located behind locked gate; walk for access.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well needs new cap and lock.

Inspection Date: 11/22/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-245

WELL INFORMATION

Well Number: GW-239
Site: USGS
Screen or Open Interval Length: 29.3 ft.
Constructed Depth: 435.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	436.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 9/22/94
Inspected By: McMaster, Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-558

WELL INFORMATION

Well Number: GW-242
Site: BG
Screen or Open Interval Length: 6.0 ft.
Constructed Depth: 20.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	19.6 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	12 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting.

Inspection Date: 11/18/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-482

WELL INFORMATION

Well Number: GW-243
Site: S3
Screen or Open Interval Length: 27.9 ft.
Constructed Depth: 75.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	76.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/6/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-478

WELL INFORMATION

Well Number: GW-244 — Screen or Open Interval Length: 28.1 ft.

Site: S3 — Constructed Depth: 77.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	76.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-016S

COMMENTS

Inspection Date: 12/6/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-479

WELL INFORMATION

Well Number: GW-245
Site: S3
Screen or Open Interval Length: 28.0 ft.
Constructed Depth: 74.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	73.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-016S

COMMENTS

Inspection Date: 12/6/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-480

WELL INFORMATION

Well Number: GW-246 — Screen or Open Interval Length: 28.1 ft.

Site: S3 — Constructed Depth: 77.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	77.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

_____

_____

Inspection Date: 12/6/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-481

WELL INFORMATION

Well Number: GW-247
Site: S3
Screen or Open Interval Length: 28.0 ft.
Constructed Depth: 77.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		77.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		< 5 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/6/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-363

WELL INFORMATION

Well Number: GW-248
Site: B G

Screen or Open Interval Length: 11.0 ft.
Constructed Depth: 64.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	65.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?			
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:			
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Posts need paint, weeds need clearing. ID tag needs replacement.

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-364

WELL INFORMATION

Well Number: GW-249
Site: B G
Screen or Open Interval Length: 5.2 ft.
Constructed Depth: 37.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		37.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/2/94 Inspected By: McMaster/Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-365

WELL INFORMATION

Well Number: GW-250
Site: B G
Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 64.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	64.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Inspection Date: 11/2/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-343

WELL INFORMATION

Well Number: GW-253
Site: S2
Screen or Open Interval Length: 9.6 ft.
Constructed Depth: 49.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	50.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-037S

COMMENTS

Inspection Date: 11/1/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-362

WELL INFORMATION

Well Number: GW-257 — Screen or Open Interval Length: 10.7 ft.

Site: B G — Constructed Depth: 36.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	36.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. ☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need paint.

Inspection Date: 11/2/94 — Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-375

WELL INFORMATION

Well Number: GW-258
Site: B G
Screen or Open Interval Length: 10.7 ft.
Constructed Depth: 51.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		52.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		X	

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

High weeds and posts need paint. Walk for access. Located behind fence at WIP area.

Inspection Date: 11/2/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-374

WELL INFORMATION

Well Number: GW-259
Site: B G

Screen or Open Interval Length: 10.7 ft.
Constructed Depth: 35.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		35.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

High weeds and posts need paint. Walk for access. Located behind fence at WIP area.

Inspection Date: 11/2/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-557

WELL INFORMATION

Well Number: GW-265
Site: S Y

Screen or Open Interval Length: 5.6 ft.
Constructed Depth: 24.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	25.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Well needs new pad and guardposts installed.

Inspection Date: 12/20/94

Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-487

WELL INFORMATION

Well Number: GW-268 — Screen or Open Interval Length: 5.6 ft.

Site: S Y — Constructed Depth: 36.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	-- ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well located inside radiological area.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

No pad or posts. No measurement made, well is in radiological are .

Inspection Date: 12/16/94 Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-491

WELL INFORMATION

Well Number: GW-269
Site: SY
Screen or Open Interval Length: 5.7 ft.
Constructed Depth: 31.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			X
2. Measured depth of well from top of well casing:	-- ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			X
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No measurement made, well located in a radiological area.

Inspection Date: 12/15/94
Inspected By: S.B. Jones

94-491

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-555

WELL INFORMATION

Well Number: GW-270 Site: SY

Screen or Open Interval Length: 5.4 ft.
Constructed Depth: 21.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	21.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

No guardposts.

Inspection Date: 12/20/94 Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-556

WELL INFORMATION

Well Number: GW-271
Site: S Y

Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 58.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	56.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	24 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

No guardposts.

Inspection Date: 12/20/94

Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-492

WELL INFORMATION

Well Number: GW-272
Site: S Y

Screen or Open Interval Length: 5.3 ft.
Constructed Depth: 18.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			X
2. Measured depth of well from top of well casing:	-- ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well located inside radiological area.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Well needs ID tag. No measurement made, well located inside radiological area.

Inspection Date: 12/15/94

Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-488

WELL INFORMATION

Well Number: GW-273
Site: S Y
Screen or Open Interval Length: 5.3 ft.
Constructed Depth: 35.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		-- ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		X	

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

No measurement made, well is located in a radiological area.

Inspection Date: 12/16/94
Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-485

WELL INFORMATION

Well Number: GW-274
Site: S Y
Screen or Open Interval Length: 5.4 ft.
Constructed Depth: 36.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		no msmt. ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well located in radiological area		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Visual inspection performed on this well since is located in a radiological area.

Inspection Date: 12/16/94
Inspected By: S.B. Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-486

WELL INFORMATION

Well Number: GW-275
Site: S Y
Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 67.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			X
2. Measured depth of well from top of well casing:	-- ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well located in a radiological area		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

No measurement made, well located in radiological area.

Inspection Date: 12/16/94
Inspected By: S.B. Jones

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-547

WELL INFORMATION

Well Number: GW-277
Site: S3
Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 80.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	80.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 12/22/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-370

WELL INFORMATION

Well Number: GW-286
Site: B G

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 34.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	34.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/2/94 Inspected By: McMaster/Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-366

WELL INFORMATION

Well Number: GW-288
Site: B G
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 61.4 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	62.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Posts need paint.

Inspection Date: 11/2/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-367

WELL INFORMATION

Well Number: GW-289
Site: B G
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 42.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	43.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need paint.

Inspection Date: 11/2/94
Inspected By: McMaster/Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-372

WELL INFORMATION

Well Number: GW-290 — Screen or Open Interval Length: 10.0 ft.

Site: B G — Constructed Depth: 38.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	38.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/2/94 Inspected By: McMaster/Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-373

WELL INFORMATION

Well Number: GW-291
Site: B G
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 19.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/2/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-229

WELL INFORMATION

Well Number: GW-295
Site: LF III
Screen or Open Interval Length: 10.1 ft.
Constructed Depth: 148.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	149.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 9/20/94
Inspected By: McMaster

94-01 A

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-152

WELL INFORMATION

Well Number: GW-306
Site: RS
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 60.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	60.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: May have to contact MK-Ferguson for access.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-044S

COMMENTS

Paint posts.

Inspection Date: 8/4/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-151

WELL INFORMATION

Well Number: GW-307 — Screen or Open Interval Length: 10.7 ft.

Site: RS — Constructed Depth: 43.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	43.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: May have to contact MK-Ferguson for access.	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-044S

COMMENTS

Paint posts.

Inspection Date: 8/4/94 — Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-150

WELL INFORMATION

Well Number: GW-308
Site: RS
Screen or Open Interval Length: 10.6 ft.
Constructed Depth: 40.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		40.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: May have to contact MK-Ferguson for access.	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-044S

COMMENTS

Posts need painting; guardpost replaced that has been hit.

Inspection Date: 8/4/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-149

WELL INFORMATION

Well Number: GW-309 — Screen or Open Interval Length: 10.0 ft.

Site: RS — Constructed Depth: 39.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		40.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: May have to contact MK-Ferguson for access.		X	

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

Inspection Date: 8/4/94 Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-148

WELL INFORMATION

Well Number: GW-310
Site: RS
Screen or Open Interval Length: 5.3 ft.
Constructed Depth: 30.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		30.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-044S

COMMENTS

Posts need painting.

Inspection Date: 8/4/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-212

WELL INFORMATION

Well Number: GW-313 — Screen or Open Interval Length: 11.1 ft.

Site: SPI — Constructed Depth: 115.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	121.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well is 6.3 ft. deeper than listed constructed depth.

Inspection Date: 8/18/94 Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-213

WELL INFORMATION

Well Number: GW-314
Site: SPI
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 115.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		118.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 8/18/94 Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-210

WELL INFORMATION

Well Number: GW-316 — Screen or Open Interval Length: 10.7 ft.

Site: SPI — Constructed Depth: 81.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	81.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-052P

COMMENTS

Pad is cracked, needs replacement.

Inspection Date: 8/18/94 — Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-252

WELL INFORMATION

Well Number: GW-318
Site: R Q
Screen or Open Interval Length: 10.5 ft.
Constructed Depth: 82.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	82.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting.

Inspection Date: 9/22/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-253

WELL INFORMATION

Well Number: GW-319 — Screen or Open Interval Length: 11.0 ft.

Site: R Q — Constructed Depth: 26.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	26.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Posts need painting.

Inspection Date: 9/22/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-250

WELL INFORMATION

Well Number: GW-320 — Screen or Open Interval Length: 10.0 ft.

Site: FAP — Constructed Depth: 112.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		112.8 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guard posts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

No pad or posts. Stainless completion with protective casing. Replaced lock.

Inspection Date: 9/22/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-357

WELL INFORMATION

Well Number: GW-322
Site: CRSP
Screen or Open Interval Length: 65.0 ft.
Constructed Depth: 195.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	191.9 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-061S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94
Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-407

WELL INFORMATION

Well Number: GW-323
Site: SPI
Screen or Open Interval Length: 10.5 ft.
Constructed Depth: 109.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		109.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/10/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-190

WELL INFORMATION

Well Number: GW-324
Site: S3
Screen or Open Interval Length: 10.5 ft.
Constructed Depth: 81.4 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing: 82.0 ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length -- %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-009S, 94-040S

COMMENTS

Inspection Date: 8/10/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-189

WELL INFORMATION

Well Number: GW-325
Site: S3
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 19.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		19.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-009S, 94-040S

COMMENTS

Inspection Date: 8/10/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-501

WELL INFORMATION

Well Number: GW-331 — Screen or Open Interval Length: 5.6 ft.

Site: WCPA — Constructed Depth: 30.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing: 32.5 ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length -- %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Paint posts.

Inspection Date: 12/15/94 Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-500

WELL INFORMATION

Well Number: GW-332
Site: WCPA
Screen or Open Interval Length: 5.4 ft.
Constructed Depth: 25.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	27.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/15/94 Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-499

WELL INFORMATION

Well Number: GW-333 — Screen or Open Interval Length: 10.7 ft.

Site: WCPA — Constructed Depth: 28.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	27.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	13 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Timbers blocking access.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Inspection Date: 12/15/94 Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-498

WELL INFORMATION

Well Number: GW-334
Site: WCPA

Screen or Open Interval Length: 5.4 ft.
Constructed Depth: 30.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	29.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	18 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Timbers and flag line block access.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Inspection Date: 12/15/94

Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-497

WELL INFORMATION

Well Number: GW-335 — Screen or Open Interval Length: 5.7 ft.

Site: WCPA — Constructed Depth: 16.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	17.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

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_____

Inspection Date: 12/15/94 Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-496

WELL INFORMATION

Well Number: GW-336
Site: WCPA
Screen or Open Interval Length: 5.6 ft.
Constructed Depth: 25.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	23.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	34 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/15/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-564

WELL INFORMATION

Well Number: GW-342 — Screen or Open Interval Length: 10.0 ft.

Site: B G — Constructed Depth: 77.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	78.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Access road locked due to slide conditions.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-007S

COMMENTS

Access to this well is now by walking only. Road has collapsed without possibility or rebuilding.

Inspection Date: 11/21/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-580

WELL INFORMATION

Well Number: GW-343
Site: B G
Screen or Open Interval Length: 15.0 ft.
Constructed Depth: 186.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	189.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Access to this well by walking. Road washed out.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-007S

COMMENTS

Road has washed out due to heavy rains; cannot be replaced. These wells only accessible by walking.

Inspection Date: 11/22/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-581

WELL INFORMATION

Well Number: GW-344
Site: B G
Screen or Open Interval Length: 15.0 ft.
Constructed Depth: 317.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Access to wells GW-342, GW-343, GW-344 and GW-655 has washed out and is not feasible for repair. Access is only by walking.
Packer in well, no measurement.

Inspection Date: 11/22/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-475

WELL INFORMATION

Well Number: GW-345
Site: S3
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 30.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	29.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	15 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/6/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-474

WELL INFORMATION

Well Number: GW-346 — Screen or Open Interval Length: 10.0 ft.

Site: S3 — Constructed Depth: 65.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	67.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

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Inspection Date: 12/6/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-460

WELL INFORMATION

Well Number: GW-349
Site: S2
Screen or Open Interval Length: 15.0 ft.
Constructed Depth: 26.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		27.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Needs ID tag.

Inspection Date: 11/17/94
Inspected By: S.B. Jones

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-461

WELL INFORMATION

Well Number: GW-350 — Screen or Open Interval Length: 10.0 ft.
Site: S2 — Constructed Depth: 45.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	46.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Needs ID tag.

Inspection Date: 11/17/94 Inspected By: S.B. Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-122

WELL INFORMATION

Well Number: GW-364
Site: O L

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 62.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	62.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 7/28/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-121

WELL INFORMATION

Well Number: GW-365 — Screen or Open Interval Length: 23.3 ft.

Site: O L — Constructed Depth: 152.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: ☐ Steel ☐ Stainless Steel ☐ PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	152.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 7/28/94 — Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-124

WELL INFORMATION

Well Number: GW-366
Site: OL

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 103.6 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	104.5 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-065S

COMMENTS

Pad is cracked and needs replacement.

Inspection Date: 7/28/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-123

WELL INFORMATION

Well Number: GW-367
Site: OL
Screen or Open Interval Length: 25.0 ft.
Constructed Depth: 152.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		153.5 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-065S

COMMENTS

Pad needs replacement.

Inspection Date: 7/28/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-191

WELL INFORMATION

Well Number: GW-368
Site: O L

Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 246.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	247.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-026S

COMMENTS

Replaced ID tag.

Inspection Date: 8/15/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-192

WELL INFORMATION

Well Number: GW-369 — Screen or Open Interval Length: 34.4 ft.

Site: O L — Constructed Depth: 152.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	150.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-026S

COMMENTS

Inspection Date: 8/15/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-203

WELL INFORMATION

Well Number: GW-371
Site: B G

Screen or Open Interval Length: 15.0 ft.
Constructed Depth: 127.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	127.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S, 94-040S

COMMENTS

Inspection Date: 8/18/94

Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-130

WELL INFORMATION

Well Number: GW-374
Site: B G
Screen or Open Interval Length: 25.5 ft.
Constructed Depth: 151.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	152.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Replaced ID tag.

Inspection Date: 8/3/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-561

WELL INFORMATION

Well Number: GW-375
Site: B G

Screen or Open Interval Length: 36.5 ft.
Constructed Depth: 162.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		163.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 11/18/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-562

WELL INFORMATION

Well Number: GW-376
Site: LDS
Screen or Open Interval Length: 155.0 ft.
Constructed Depth: 221.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	No msmt ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

This well has a pump installed for nearby water tank; can't access for measurement. Well security is satisfactory.

Inspection Date: 11/18/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-645

WELL INFORMATION

Well Number: GW-400
Site: GBR
Screen or Open Interval Length: 30.0 ft.
Constructed Depth: 582.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?			X
2. Does the well have a waterproof steel / brass lock?			X
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			X
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Mechanical packer in well; no downhole access, no measurement.

Inspection Date: 7/8/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-643

WELL INFORMATION

Well Number: GW-401 — Screen or Open Interval Length: 50.5 ft.

Site: GBR — Constructed Depth: 862.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

1" PVC casing, no measurement possible. Well number on inside of cap.

Inspection Date: 7/8/94 — Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-642

WELL INFORMATION

Well Number: GW-402
Site: GBR
Screen or Open Interval Length: 25.9 ft.
Constructed Depth: 402.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?		X	X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?		X	X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?		X	X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No measurement made; 1" PVC casing. ID tag is on well cap.

Inspection Date: 7/1/94
Inspected By: MCMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-617

WELL INFORMATION

Well Number: GW-403 — Screen or Open Interval Length: 25.0 ft.

Site: GBR — Constructed Depth: 616.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			X
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well is 1" PVC construction with airlift tubing. No measurement possible.

Inspection Date: 6/16/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-646

WELL INFORMATION

Well Number: GW-405
Site: GBR

Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 36.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		36.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID is on pump.

Inspection Date: 7/8/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-647

WELL INFORMATION

Well Number: GW-406
Site: GBR
Screen or Open Interval Length: 3.7 ft.
Constructed Depth: 8.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	8.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

ID tag is on well cap.

Inspection Date: 7/8/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-649

WELL INFORMATION

Well Number: GW-407
Site: GBR
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 42.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		42.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag is on well cap.

Inspection Date: 7/8/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-648

WELL INFORMATION

Well Number: GW-408 — Screen or Open Interval Length: 3.0 ft.

Site: GBR — Constructed Depth: 8.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	8.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

ID tag is on well cap.

Inspection Date: 7/8/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-628

WELL INFORMATION

Well Number: GW-409
Site: GBR
Screen or Open Interval Length: 9.7 ft.
Constructed Depth: 60.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	60.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?		X	X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?		X	X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?		X	X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

ID tag is on well cap.

Inspection Date: 6/17/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-627

WELL INFORMATION

Well Number: GW-410
Site: GBR
Screen or Open Interval Length: 10.8 ft.
Constructed Depth: 19.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	16.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	28 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well will need rehab. work before monitoring.

Inspection Date: 6/17/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-625

WELL INFORMATION

Well Number: GW-411
Site: GBR
Screen or Open Interval Length: 5.4 ft.
Constructed Depth: 10.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	10.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?		X	X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?		X	X
2. Are the guardposts positioned to prevent collision damage to well?	X		X
3. Are the guardposts of adequate height?	X		X
4. Is the high-traffic yellow paint degraded?		X	X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag is on well cap. Note: "GW-410" is painted on casing.

Inspection Date: 6/17/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-626

WELL INFORMATION

Well Number: GW-412
Site: GBR
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 42.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	42.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

ID tag is on well casing.

Inspection Date: 6/17/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-624

WELL INFORMATION

Well Number: GW-413
Site: GBR
Screen or Open Interval Length: 9.5 ft.
Constructed Depth: 16.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	15.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	14 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees across road need clearing.		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 6/17/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-623

WELL INFORMATION

Well Number: GW-414
Site: GBR
Screen or Open Interval Length: 9.7 ft.
Constructed Depth: 57.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	57.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees across road need clearing.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag is on well cap.

Inspection Date: 6/17/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-621

WELL INFORMATION

Well Number: GW-415
Site: GBR

Screen or Open Interval Length: 9.8 ft.
Constructed Depth: 30.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		29.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees need clearing for access.		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag on well cap.

Inspection Date: 6/17/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-622

WELL INFORMATION

Well Number: GW-416 — Screen or Open Interval Length: 10.0 ft.

Site: GBR — Constructed Depth: 63.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	63.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees need clearing for access.		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

ID tag is on well cap.

Inspection Date: 6/17/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-620

WELL INFORMATION

Well Number: GW-417
Site: GBR
Screen or Open Interval Length: 13.3 ft.
Constructed Depth: 50.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		50.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		6 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 6/17/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-619

WELL INFORMATION

Well Number: GW-418 — Screen or Open Interval Length: 10.1 ft.

Site: GBR — Constructed Depth: 22.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	22.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s) _____

COMMENTS

ID tag is on well cap.

Inspection Date: 6/17/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-631

WELL INFORMATION

Well Number: GW-419
Site: GBR
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 50.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	50.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

ID tag is on well cap.

Inspection Date: 7/7/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-632

WELL INFORMATION

Well Number: GW-420 — Screen or Open Interval Length: 9.9 ft.

Site: GBR — Constructed Depth: 15.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	15.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 7/7/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-639

WELL INFORMATION

Well Number: GW-421
Site: GBR
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 40.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	40.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 7/1/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-640

WELL INFORMATION

Well Number: GW-422 — Screen or Open Interval Length: 3.7 ft.

Site: GBR — Constructed Depth: 9.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	9.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

ID tag is on well cap.

Inspection Date: 7/1/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-634

WELL INFORMATION

Well Number: GW-423
Site: GBR
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 41.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		41.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need removal.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

ID tag is on well cap.

Inspection Date: 7/1/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-633

WELL INFORMATION

Well Number: GW-424 — Screen or Open Interval Length: 1.0 ft.
Site: GBR — Constructed Depth: 6.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	6.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need removal.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID is on cap.

Inspection Date: 7/7/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-635

WELL INFORMATION

Well Number: GW-425
Site: GBR
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 61.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		61.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

ID tag is on well cap.

Inspection Date: 7/7/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-636

WELL INFORMATION

Well Number: GW-426 — Screen or Open Interval Length: 9.9 ft.

Site: GBR — Constructed Depth: 32.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	32.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

ID tag is on well cap.

Inspection Date: 7/1/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-638

WELL INFORMATION

Well Number: GW-427
Site: GBR
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 49.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	49.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

ID tag is on well cap.

Inspection Date: 7/7/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-637

WELL INFORMATION

Well Number: GW-428
Site: GBR
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 15.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	16.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag is on well cap.

Inspection Date: 7/7/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-616

WELL INFORMATION

Well Number: GW-429
Site: GBR

Screen or Open Interval Length: 3.6 ft.
Constructed Depth: 7.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	7.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well ID is on cap.

Inspection Date: 6/16/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-618

WELL INFORMATION

Well Number: GW-430 — Screen or Open Interval Length: 10.0 ft.
Site: GBR — Constructed Depth: 40.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	39.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag is on well cap.

Inspection Date: 6/16/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-650

WELL INFORMATION

Well Number: GW-431
Site: GBR
Screen or Open Interval Length: 7.0 ft.
Constructed Depth: 9.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	10.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

ID tag is on well cap.

Inspection Date: 7/8/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-651

WELL INFORMATION

Well Number: GW-432 — Screen or Open Interval Length: 9.9 ft.

Site: GBR — Constructed Depth: 45.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	46.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

ID tag is on well cap.

Inspection Date: 7/8/94 — Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-629

WELL INFORMATION

Well Number: GW-433
Site: GBR

Screen or Open Interval Length: unknown ft.
Constructed Depth: unknown ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		15.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?		X	X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?		X	X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?		X	X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

ID tag is on well cap.

Inspection Date: 6/17/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-630

WELL INFORMATION

Well Number: GW-434 — Screen or Open Interval Length: 10.1 ft.

Site: GBR — Constructed Depth: 41.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	42.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: trees/brush need clearing; roadwork.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

ID tag is on well cap.

Inspection Date: 6/17/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-613

WELL INFORMATION

Well Number: GW-435
Site: GBR

Screen or Open Interval Length: 5.4 ft.
Constructed Depth: 10.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	10.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Access road needs clearing/grading.		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?		X	X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag on well cap.

Inspection Date: 6/16/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-612

WELL INFORMATION

Well Number: GW-436
Site: GBR
Screen or Open Interval Length: 9.4 ft.
Constructed Depth: 47.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		47.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag is on well cap.

Inspection Date: 6/16/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-609

WELL INFORMATION

Well Number: GW-437
Site: GBR
Screen or Open Interval Length: 10.1 ft.
Constructed Depth: 65.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	64.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Airlift pump in well, ID tag is on pump.

Inspection Date: 6/16/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-608

WELL INFORMATION

Well Number: GW-438 — Screen or Open Interval Length: 9.9 ft.

Site: GBR — Constructed Depth: 24.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	24.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Access road needs work.	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Airlift pump is in well, ID tag on well cap.

Inspection Date: 6/16/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-606

WELL INFORMATION

Well Number: GW-439
Site: GBR

Screen or Open Interval Length: 9.7 ft.
Constructed Depth: 61.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	61.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 6/15/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-607

WELL INFORMATION

Well Number: GW-440 — Screen or Open Interval Length: 9.7 ft.

Site: GBR — Constructed Depth: 28.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	28.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 6/15/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-615

WELL INFORMATION

Well Number: GW-441
Site: GBR
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 54.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	56.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well access is by walking.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag on well cap.

Inspection Date: 6/16/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-614

WELL INFORMATION

Well Number: GW-442
Site: GBR
Screen or Open Interval Length: 9.8 ft.
Constructed Depth: 16.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	17.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Access is by walking.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag on well cap.

Inspection Date: 6/16/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-601

WELL INFORMATION

Well Number: GW-443
Site: GBR
Screen or Open Interval Length: 10.5 ft.
Constructed Depth: 51.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		50.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 6/15/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-602

WELL INFORMATION

Well Number: GW-445 — Screen or Open Interval Length: 10.7 ft.

Site: GBR — Constructed Depth: 50.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	48.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	12 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 6/15/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-603

WELL INFORMATION

Well Number: GW-447
Site: GBR
Screen or Open Interval Length: 4.6 ft.
Constructed Depth: 10.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?		X	
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	10.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Roadwork needed to well.	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Inspection Date: 6/15/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-604

WELL INFORMATION

Well Number: GW-448 — Screen or Open Interval Length: 10.3 ft.

Site: GBR — Constructed Depth: 45.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?		X	
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	45.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Roadwork needed for access.	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

Inspection Date: 6/15/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-610

WELL INFORMATION

Well Number: GW-449
Site: GBR

Screen or Open Interval Length: 4.5 ft.
Constructed Depth: 13.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	12.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	40 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?		X	X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

ID tag is on cap.

Inspection Date: 6/16/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-611

WELL INFORMATION

Well Number: GW-450 — Screen or Open Interval Length: 9.9 ft.

Site: GBR — Constructed Depth: 57.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	57.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

ID tag on well cap.

Inspection Date: 6/16/94 Inspected By: McMaster

94-611

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-594

WELL INFORMATION

Well Number: GW-451
Site: GBR
Screen or Open Interval Length: 33.0 ft.
Constructed Depth: 302.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?			X
2. Does the well have a waterproof steel / brass lock?			X
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well has submersible pump installed; no access downhole without workover rig. No measurement made.

Inspection Date: 6/14/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-597

WELL INFORMATION

Well Number: GW-452 — Screen or Open Interval Length: 9.6 ft.

Site: GBR — Constructed Depth: 20.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

ID tag on well cap.

Inspection Date: 6/15/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-652

WELL INFORMATION

Well Number: GW-453
Site: GBR
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 758.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork.		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?		X	X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

1" PVC casing; no measurement possible.

Inspection Date: 7/8/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-657

WELL INFORMATION

Well Number: GW-463
Site: GBR
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 57.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?	X		
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		57.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: brush needs clearing		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs new locking cap and lock. Well ID on casing.

Inspection Date: 7/12/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-655

WELL INFORMATION

Well Number: GW-464
Site: GBR
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 23.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		23.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: brush needs clearing		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well needs new locking cap and lock. Well ID on casing.

Inspection Date: 7/8/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-656

WELL INFORMATION

Well Number: GW-465 Screen or Open Interval Length: 11.1 ft.

Site: GBR Constructed Depth: 43.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	42.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	8 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: brush needs clearing.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

Well needs new locking cap and lock. Well ID on casing.

Inspection Date: 7/8/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-653

WELL INFORMATION

Well Number: GW-466
Site: GBR
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 43.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?	X		

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		44.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: brush needs clearing.		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well needs new locking cap and lock. Well ID on casing.

Inspection Date: 7/8/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-654

WELL INFORMATION

Well Number: GW-467 Screen or Open Interval Length: 20.0 ft.

Site: GBR Constructed Depth: 61.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: brush needs clearing		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

ID tag is on well cap.

Inspection Date: 7/8/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-658

WELL INFORMATION

Well Number: GW-468
Site: GBR
Screen or Open Interval Length: 473.5 ft.
Constructed Depth: 503.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		503.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing; roadwork		X	

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

ID tag is on well cap.

Inspection Date: 7/12/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-644

WELL INFORMATION

Well Number: GW-469
Site: GBR
Screen or Open Interval Length: unknown ft.
Constructed Depth: 470.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?		X	
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Submersible pump installed; could not remove, no measurement.

Inspection Date: 7/8/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-641

WELL INFORMATION

Well Number: GW-470
Site: GBR
Screen or Open Interval Length: 23.1 ft.
Constructed Depth: 268.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trees/brush need clearing.		X	

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Well has submersible pump installed; not removed, no measurement. ID tag is on well cap.

Inspection Date: 7/7/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-600

WELL INFORMATION

Well Number: GW-472
Site: GBR
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 312.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?			X
2. Does the well have a waterproof steel / brass lock?			X
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Submersible pump in well, no downhole access. No measurement. ID is on well cap.

Inspection Date: 6/15/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-536

WELL INFORMATION

Well Number: GW-505
Site: R G

Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 15.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	16.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 12/21/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-563

WELL INFORMATION

Well Number: GW-508
Site: R G
Screen or Open Interval Length: 10.3 ft.
Constructed Depth: 15.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	14.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	7 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Bailer in well, removed for measurement. Product in well.

Inspection Date: 11/18/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-125

WELL INFORMATION

Well Number: GW-520
Site: OL
Screen or Open Interval Length: 10.3 ft.
Constructed Depth: 82.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	82.9 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-065S

COMMENTS

Pad needs replacement.

Inspection Date: 7/28/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-473

WELL INFORMATION

Well Number: GW-526
Site: S3
Screen or Open Interval Length: 22.0 ft.
Constructed Depth: 125.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		124.7 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 12/6/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-168

WELL INFORMATION

Well Number: GW-531
Site: LDS
Screen or Open Interval Length: 15.7 ft.
Constructed Depth: 40.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	41.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 8/8/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-167

WELL INFORMATION

Well Number: GW-532
Site: LDS
Screen or Open Interval Length: 15.7 ft.
Constructed Depth: 31.2 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		31.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Trash and scrap in way of access to well.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 8/8/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-169

WELL INFORMATION

Well Number: GW-533 — Screen or Open Interval Length: 10.4 ft.
Site: LDS — Constructed Depth: 32.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	32.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

_____

_____

Inspection Date: 8/8/94 — Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-170

WELL INFORMATION

Well Number: GW-534
Site: LDS
Screen or Open Interval Length: 15.1 ft.
Constructed Depth: 49.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	60.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well is 10.7 ft. deeper than listed constructed depth; probably extended due to earlier fill activity.

Inspection Date: 8/8/94
Inspected By: McMaster/Sitzler

94-en

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-172

WELL INFORMATION

Well Number: GW-535
Site: LDS
Screen or Open Interval Length: 15.8 ft.
Constructed Depth: 23.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		27.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well is 4.4 ft. deeper than listed constructed depth.

Inspection Date: 8/8/94

Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-171

WELL INFORMATION

Well Number: GW-538
Site: LDS

Screen or Open Interval Length: 15.0 ft.
Constructed Depth: 44.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	45.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 8/8/94

Inspected By: McMaster/Sitzler

94-171

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-262

WELL INFORMATION

Well Number: GW-545
Site: SL II EXP
Screen or Open Interval Length: 10.3 ft.
Constructed Depth: 69.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		69.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-024S

COMMENTS

Inspection Date: 9/23/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-312

WELL INFORMATION

Well Number: GW-552
Site: SPAD
Screen or Open Interval Length: 26.5 ft.
Constructed Depth: 230.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			
2. Is the PVC well casing cracked or broken?			
3. Is a protective surface casing installed (PVC well only)?			
4. Is the protective casing corroded, bent, or broken?			
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?			
WELL SECURITY:			
1. Does the well have a cap or lid?			
2. Does the well have a waterproof steel / brass lock?			
3. Are the hasps firmly welded to well cap and / or metal casing?			
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?			

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?			
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

1.5" steel casing with air line installed. No measurement made.

Inspection Date: 10/25/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-306

WELL INFORMATION

Well Number: GW-554
Site: SPAD
Screen or Open Interval Length: 33.5 ft.
Constructed Depth: 308.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			
2. Is the PVC well casing cracked or broken?			
3. Is a protective surface casing installed (PVC well only)?			
4. Is the protective casing corroded, bent, or broken?			
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?			
WELL SECURITY:			
1. Does the well have a cap or lid?			
2. Does the well have a waterproof steel / brass lock?			
3. Are the hasps firmly welded to well cap and / or metal casing?			
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:		No msmt. ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?			

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

1.5" steel casing with air line installed. No msmt. made. Needs ID tag.

Inspection Date: 10/25/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-310

WELL INFORMATION

Well Number: GW-555
Site: SPAD
Screen or Open Interval Length: 39.4 ft.
Constructed Depth: 316.9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			
2. Is the PVC well casing cracked or broken?			
3. Is a protective surface casing installed (PVC well only)?			
4. Is the protective casing corroded, bent, or broken?			
5. Is a weep located at the base of the protective casing?			
6. Is the steel, stainless steel, or PVC well casing loose?			
WELL SECURITY:			
1. Does the well have a cap or lid?			
2. Does the well have a waterproof steel / brass lock?			
3. Are the hasps firmly welded to well cap and / or metal casing?			
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	See comments ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	%		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?			

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well is 1.5" steel casing with air line installed. No measurement made.

Inspection Date: 10/25/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-470

WELL INFORMATION

Well Number: GW-558
Site: SPAD
Screen or Open Interval Length: 15.0 ft.
Constructed Depth: 85.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		88.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Access could use some improvement, no protective posts.

Inspection Date: 12/6/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-320

WELL INFORMATION

Well Number: GW-559
Site: SPAD

Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 190.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	170.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	100 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well needs redevelopment, may also be obstructed. Needs posts installed and ID tag.

Inspection Date: 10/25/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-305

WELL INFORMATION

Well Number: GW-563
Site: SPAD
Screen or Open Interval Length: 30.0 ft.
Constructed Depth: 97.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

No msmt. made due to submersible pump in well. Needs ID tag.

Inspection Date: 10/25/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-311

WELL INFORMATION

Well Number: GW-567
Site: SPAD
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: 80.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	82.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs ID tag.

Inspection Date: 10/25/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-313

WELL INFORMATION

Well Number: GW-569
Site: SPAD
Screen or Open Interval Length: 22.8 ft.
Constructed Depth: 117.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	112.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	23 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

2" stainless casing with water-tight locking cap. Id is on wel casing.

Inspection Date: 10/25/94
Inspected By: McMaster

94-FI

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-308

WELL INFORMATION

Well Number: GW-576
Site: SPAD
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 61.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		60.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		9 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

2" stainless casing with air lift pump installed. Well ID on casing.

Inspection Date: 10/25/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-193

WELL INFORMATION

Well Number: GW-601
Site: OL
Screen or Open Interval Length: 37.5 ft.
Constructed Depth: 359.1 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	358.6 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-026S, 94-036S

COMMENTS

Posts need paint.

Inspection Date: 8/15/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-534

WELL INFORMATION

Well Number: GW-602
Site: O L
Screen or Open Interval Length: 11.8 ft.
Constructed Depth: 214.2 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		211.2 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		See comments %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Measurement is ok, depth discrepancy has remained the same for 3 years, no evidence of sediment accumulation. Access to this well needs improvement before sampling again.

Inspection Date: 12/21/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-360

WELL INFORMATION

Well Number: GW-612
Site: CRSP

Screen or Open Interval Length: 19.0 ft.
Constructed Depth: 256.3 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	256.2 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [X] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-061S

COMMENTS

Posts need paint.

Inspection Date: 11/1/94

Inspected By: McMaster/Jones

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-477

WELL INFORMATION

Well Number: GW-615
Site: S3
Screen or Open Interval Length: 22.5 ft.
Constructed Depth: 247.6 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		247.4 ft.	
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 12/6/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-535

WELL INFORMATION

Well Number: GW-616
Site: S3
Screen or Open Interval Length: 50.0 ft.
Constructed Depth: 271.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		270.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

This well is enclosed by equipment and miscellaneous items of MKF. Check at shack for entrance.

Inspection Date: 12/21/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-180

WELL INFORMATION

Well Number: GW-622
Site: B G
Screen or Open Interval Length: 10.1 ft.
Constructed Depth: 21.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC.	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	16.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	> 50 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well needs redevelopment before monitoring again. Posts need painting.

Inspection Date: 8/9/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-181

WELL INFORMATION

Well Number: GW-623
Site: B G

Screen or Open Interval Length: 30.2 ft.
Constructed Depth: 277.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		277.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts need painting.

Inspection Date: 8/9/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-084

WELL INFORMATION

Well Number: GW-624
Site: B G

Screen or Open Interval Length: 10.3 ft.
Constructed Depth: 29.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	30.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Paint posts.

Inspection Date: 7/19/94

Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-403

WELL INFORMATION

Well Number: GW-625
Site: B G

Screen or Open Interval Length: 51.5 ft.
Constructed Depth: 284.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?			X
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			X
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

PCB well with shut in valve installed. No access downhole, no measurement.

Inspection Date: 11/8/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-078

WELL INFORMATION

Well Number: GW-626
Site: B G

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 80.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		80.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Paint posts.

Inspection Date: 7/19/94

Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-391

WELL INFORMATION

Well Number: GW-628
Site: B G
Screen or Open Interval Length: 52.2 ft.
Constructed Depth: 290.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?			X

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

GW-628 is a PCB well with shut-in valve on 7" casing. No access downhole.

Inspection Date: 11/7/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-083

WELL INFORMATION

Well Number: GW-629
Site: B G

Screen or Open Interval Length: 49.7 ft.
Constructed Depth: 314.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		314.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Posts need painting. Replaced lock.

Inspection Date: 7/19/94

Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-173

WELL INFORMATION

Well Number: GW-630
Site: LDS
Screen or Open Interval Length: 10.7 ft.
Constructed Depth: 30.4 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		31.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 8/8/94
Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-118

WELL INFORMATION

Well Number: GW-636
Site: O L

Screen or Open Interval Length: 18.5 ft.
Constructed Depth: 120.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	120.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?	X		
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?	X		
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?	X		
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Paint posts.

Inspection Date: 7/28/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-120

WELL INFORMATION

Well Number: GW-638
Site: OL

Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 14.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	15.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Paint posts.

Inspection Date: 7/28/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-131

WELL INFORMATION

Well Number: GW-639
Site: B G

Screen or Open Interval Length: 30.0 ft.
Constructed Depth: 128.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	129.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 8/4/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-132

WELL INFORMATION

Well Number: GW-640
Site: B G

Screen or Open Interval Length: 11.1 ft.
Constructed Depth: 49.9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	49.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 8/4/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-133

WELL INFORMATION

Well Number: GW-641
Site: B G
Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 26.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	26.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-036S

COMMENTS

Inspection Date: 8/4/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-202

WELL INFORMATION

Well Number: GW-643
Site: B G

Screen or Open Interval Length: 10.6 ft.
Constructed Depth: 30.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		31.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Inspection Date: 8/18/94

Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-135

WELL INFORMATION

Well Number: GW-644
Site: B G

Screen or Open Interval Length: 10.3 ft.
Constructed Depth: 26.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		26.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 8/4/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-126

WELL INFORMATION

Well Number: GW-645
Site: O L

Screen or Open Interval Length: 21.3 ft.
Constructed Depth: 82.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		83.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well access needs work before well is monitored again.

Inspection Date: 7/28/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-194

WELL INFORMATION

Well Number: GW-646
Site: O L

Screen or Open Interval Length: 11.1 ft.
Constructed Depth: 78.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	78.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-038S

COMMENTS

Inspection Date: 8/15/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-143

WELL INFORMATION

Well Number: GW-647
Site: O L
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 94.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	91.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	See comments %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-038S

COMMENTS

Well needs no rehabilitation; refer to earlier inspections.

Inspection Date: 8/4/94
Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-153

WELL INFORMATION

Well Number: GW-648
Site: RS
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 82.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	82.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-038S

COMMENTS

Access needs clearing work (brush, weeds).

Inspection Date: 8/4/94
Inspected By: McMaster/Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-188

WELL INFORMATION

Well Number: GW-649
Site: S3

Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 23.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		23.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Posts need painting.

Inspection Date: 8/10/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-082

WELL INFORMATION

Well Number: GW-651
Site: B G

Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 55.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	54.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	< 5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Access needs regrading; posts need painting.

Inspection Date: 7/19/94

Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-582

WELL INFORMATION

Well Number: GW-655
Site: B G

Screen or Open Interval Length: 15.9 ft.
Constructed Depth: 68.2 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		67.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: See comments for GW-344		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-007S

COMMENTS

See comments for GW-344.

Inspection Date: 11/22/94

Inspected By: McMaster

9441

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-583

WELL INFORMATION

Well Number: GW-658
Site: FF
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 21.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	19.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	19 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 11/22/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-001

WELL INFORMATION

Well Number: GW-660
Site: LEFPC
Screen or Open Interval Length: 2.4 ft.
Constructed Depth: 14.9 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		14.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Replaced lock with standard GWPP lock; well needs protective posts installed.

Inspection Date: 5/5/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-010

WELL INFORMATION

Well Number: GW-661
Site: LEFPC
Screen or Open Interval Length: 2.3 ft.
Constructed Depth: 10.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		XX	
2. Does the well have a waterproof steel / brass lock?			
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		9.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		22 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well needs access improvement; posts installed and needs rehab. work.

Inspection Date: 5/11/94
Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-002

WELL INFORMATION

Well Number: GW-662
Site: LEFPC
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 21.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?		X	
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		23.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Installed standard lock; stainless (2") needs a protective casing; also needs protective posts; extra 2'ft. stickup welded onto existing stickup is bent.

Inspection Date: 5/5/94
Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-004

WELL INFORMATION

Well Number: GW-663
Site: LEFPC
Screen or Open Interval Length: 1.0 ft.
Constructed Depth: 7.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	6.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	80 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs access improved; needs posts; soft tag for measurement and needs rehab. work.

Inspection Date: 5/5/94
Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-036

WELL INFORMATION

Well Number: GW-664
Site: LEFPC

Screen or Open Interval Length: 0.9 ft.
Constructed Depth: 9.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?			
2. Measured depth of well from top of well casing:	approx. 9.5 * ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

* 1.5 ft. extension to stickup screws off at ground level inside protective casing; msmt. is not considered good because cannot see or reach to TOC. Well needs access improved.

Inspection Date: 5/11/94

Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-003

WELL INFORMATION

Well Number: GW-665
Site: LEFPC

Screen or Open Interval Length: 9.7 ft.
Constructed Depth: 33.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	34.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well site needs clean up (weeds); installed new lock; needs ID tag and posts.

Inspection Date: 5/5/94

Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-006

WELL INFORMATION

Well Number: GW-666
Site: LEFPC

Screen or Open Interval Length: 2.4 ft.
Constructed Depth: 11.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		11.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		33 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well needs access improved; needs ID tag and posts installed. Installed new lock. Well needs rehab. work.

Inspection Date: 5/11/94

Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-007

WELL INFORMATION

Well Number: GW-667 — Screen or Open Interval Length: 1.8 ft.

Site: LEFPC — Constructed Depth: 11.4 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?	X		
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		10.7 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		39 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Access appears to be across creek on foot.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

☐ Primary Item(s) ☐ Secondary Item(s)

COMMENTS

Well needs access improved-looks to be only accessible by foot across creek; * Well was found with cap and lock missing and grafitti on casing. Needs rehab. work.

Inspection Date: 5/11/94 Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-005

WELL INFORMATION

Well Number: GW-668
Site: LEFPC
Screen or Open Interval Length: 10.1 ft.
Constructed Depth: 26.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		27.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs ID tag and posts installed. Cap is too hard to remove.

Inspection Date: 5/11/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-009

WELL INFORMATION

Well Number: GW-669 — Screen or Open Interval Length: 0.7 ft.

Site: LEFPC — Constructed Depth: 10.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing: 10.3 ft.			
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length -- %			
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well needs access improved; posts installed. Nearly dry well.

Inspection Date: 5/11/94 — Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-008

WELL INFORMATION

Well Number: GW-670
Site: LEFPC
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 25.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	26.1 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs access improved; ID tag, posts installed. Installed new lock.

Inspection Date: 5/11/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-035

WELL INFORMATION

Well Number: GW-671
Site: LEFPC
Screen or Open Interval Length: 1.6 ft.
Constructed Depth: 11.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	10.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	18 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Access to well appears to be by foot across creek. Soft tag for msmt.

Inspection Date: 5/11/94
Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-028

WELL INFORMATION

Well Number: GW-672
Site: Ash Disposal
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 30.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		30.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 5/12/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-027

WELL INFORMATION

Well Number: GW-673 — Screen or Open Interval Length: 21.0 ft.

Site: Ash Disposal — Constructed Depth: 134.8 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	116.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	87 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Measurement felt solid; may need rehab.

Inspection Date: 5/12/94 — Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-026

WELL INFORMATION

Well Number: GW-674
Site: Ash Disposal
Screen or Open Interval Length: 5.0 ft.
Constructed Depth: 20.1 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		16.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		64 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Solid tapedown; may need rehab.

Inspection Date: 5/12/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-025

WELL INFORMATION

Well Number: GW-676
Site: Ash Disposal
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 20.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		20.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Bar gate at Rogers Quarry		X	

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Inspection Date: 5/12/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-030

WELL INFORMATION

Well Number: GW-677
Site: Ash Disposal
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 167.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		160.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		71 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-031S

COMMENTS

Needs ID tag; could need rehab. but msmt. felt solid.

Inspection Date: 5/12/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-031

WELL INFORMATION

Well Number: GW-678
Site: Ash Disposal
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 134.6 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	133.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	14 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-031S

COMMENTS

Needs ID tag.

Inspection Date: 5/12/94
Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-029

WELL INFORMATION

Well Number: GW-679
Site: Ash Disposal
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 134.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	134.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	5 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-031S

COMMENTS

Needs ID tag.

Inspection Date: 5/12/94

Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-032

WELL INFORMATION

Well Number: GW-680
Site: Ash Disposal
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 121.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		122.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-032S

COMMENTS

Need roadwork into site.

Inspection Date: 5/12/94
Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-033

WELL INFORMATION

Well Number: GW-681
Site: Ash Disposal
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 182.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		180.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		16 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-032S

COMMENTS

Access into site needs improvement; needs ID tag.

Inspection Date: 5/12/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-034

WELL INFORMATION

Well Number: GW-682 — Screen or Open Interval Length: 10.0 ft.

Site: Ash Disposal — Constructed Depth: 162.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	161.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	11 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-032S

COMMENTS

Need roadwork into site; needs ID tag.

Inspection Date: 5/12/94 — Inspected By: B. McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-020

WELL INFORMATION

Well Number: GW-686
Site: Coal Pile Trench
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 16.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	16.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No protective posts; form for pad is still in place.

Inspection Date: 5/13/94
Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-022

WELL INFORMATION

Well Number: GW-687
Site: Coal Pile Trench
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 31.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	32.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Flush mount design.

Inspection Date: 5/16/94
Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-024

WELL INFORMATION

Well Number: GW-688
Site: Coal Pile Trench
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 55.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	54.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	10 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No ID tag. Well is flush mount.

Inspection Date: 5/16/94
Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-023

WELL INFORMATION

Well Number: GW-689
Site: Coal Pile Trench
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 19.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well is flush mount; water inside of manhole; no ID tag.

Inspection Date: 5/16/94
Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-014

WELL INFORMATION

Well Number: GW-690
Site: Coal Pile Trench
Screen or Open Interval Length: 9.8 ft.
Constructed Depth: 52.4 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	51.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	9 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

No posts, no ID tag. Form for pad is still in place. Flush mount well .

Inspection Date: 5/13/94
Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-015

WELL INFORMATION

Well Number: GW-691 — Screen or Open Interval Length: 10.0 ft.

Site: Coal Pile Trench — Constructed Depth: 20.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

No ID tag, no posts. Form still in place around pad. Silt on tape weight after msmt. Flush mount design.

Inspection Date: 5/13/94 Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-021

WELL INFORMATION

Well Number: GW-692
Site: Coal Pile Trench
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 52.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		45.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		70 %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Lots of silt on tape weight after msmt. Lock down threads for manhole cover are broken. No ID tag. Flush mount design.

Inspection Date: 5/16/94
Inspected By: J. Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-018

WELL INFORMATION

Well Number: GW-696
Site: Coal Pile Trench 81-10
Screen or Open Interval Length: 9.5 ft.
Constructed Depth: 32.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	31.7 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	8 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

No ID tag; put on new lock. Well is flush mount design.

Inspection Date: 5/13/94
Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-019

WELL INFORMATION

Well Number: GW-697
Site: Coal Pile Trench 81-10
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 21.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	20.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	6 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No ID tag, number is on cover. Well is flush mount design.

Inspection Date: 5/13/94

Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-016

WELL INFORMATION

Well Number: GW-698
Site: Coal Pile Trench 81-10
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 75.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	75.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No ID tag, painted on cover. Flush mount design.

Inspection Date: 5/13/94
Inspected By: J. Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-017

WELL INFORMATION

Well Number: GW-699
Site: Coal Pile Trench 81-10
Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 17.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	16.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	13 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts not painted; one post is knocked down and one bent.

Inspection Date: 5/13/94

Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-012

WELL INFORMATION

Well Number: GW-700
Site: Coal Pile Trench 81-10
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 33.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	33.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts have never been painted; form for pad is still in place; silt on tape weight after msmt. Replaced lock.

Inspection Date: 5/13/94
Inspected By: J. Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-013

WELL INFORMATION

Well Number: GW-701
Site: Coal Pile Trench 81-10
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 28.2 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		27.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts have not been painted; form for pad is still in place. Silt on tape weight after msmt.

Inspection Date: 5/13/94
Inspected By: J. Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-011

WELL INFORMATION

Well Number: GW-702
Site: Coal Pile Trench 81-10
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 23.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	22.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	11 %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Posts have not been painted; form for pad is still in place.

Inspection Date: 5/13/94
Inspected By: J. Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-518

WELL INFORMATION

Well Number: GW-705
Site: B G

Screen or Open Interval Length: 70.0 ft.
Constructed Depth: 310.5 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	312.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-040S

COMMENTS

Inspection Date: 12/20/94

Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-241

WELL INFORMATION

Well Number: GW-722
Site: Westbay Site
Screen or Open Interval Length: _____ ft.
Constructed Depth: _____ ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No measurement ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	_____ %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			XX

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

No measurement made for Westbay sites; well head inspection only.

Inspection Date: 9/22/94
Inspected By: McMaster, Sitzler

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-059

WELL INFORMATION

Well Number: GW-726
Site: DNAPL

Screen or Open Interval Length: --- ft.
Constructed Depth: --- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No Msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	N/A %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well head inspection for Westbay monitoring system.

Inspection Date: 6/13/94

Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-060

WELL INFORMATION

Well Number: GW-727 — Screen or Open Interval Length: -- ft.

Site: DNAPL — Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No Msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked. Request nos. for maintenance performed on this well in 1994

[ ] Primary Item(s) [ ] Secondary Item(s)

COMMENTS

Well head inspection for Westbay monitoring system.

Inspection Date: 6/13/94 Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-061

WELL INFORMATION

Well Number: GW-728
Site: DNAPL
Screen or Open Interval Length: -- ft.
Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [X] Steel [ ] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		No Msmt. ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Well needs ID tag and number painted on casing. Also needs hasp and casp installed; presently has watertight cap.

Inspection Date: 6/13/94

Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-062

WELL INFORMATION

Well Number: GW-729
Site: DNAPL
Screen or Open Interval Length: -- ft.
Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		*No msmt. ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-034S

COMMENTS

Well needs access regraded all the way from Bear Ck. Rd. to well site. Needs weep installed in protective casing.
Well head inspection for Westbay monitoring system.

Inspection Date: 6/13/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-063

WELL INFORMATION

Well Number: GW-730
Site: DNAPL
Screen or Open Interval Length: -- ft.
Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	No msmt. ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994

COMMENTS

Well head inspection for Westbay monitoring system.

Inspection Date: 6/13/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-242

WELL INFORMATION

Well Number: GW-734
Site: EXP J

Screen or Open Interval Length: ** ft.
Constructed Depth: 59.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	60.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-028P

COMMENTS

Repaired ID tag.* Open interval drilled into mud filled cavity.

Inspection Date: 9/22/94

Inspected By: McMaster/Sitzler

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-270

WELL INFORMATION

Well Number: GW-753
Site: Y-12 Grid Well
Screen or Open Interval Length: 10.4 ft.
Constructed Depth: 73.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	73.9 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Inspection Date: 9/27/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-271

WELL INFORMATION

Well Number: GW-754
Site: Y-12 Grid Well
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 27.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		27.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 9/27/94
Inspected By: McMaster

94-271

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-268

WELL INFORMATION

Well Number: GW-755
Site: Y-12 Grid Well
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 62.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	63.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Inspection Date: 9/27/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-269

WELL INFORMATION

Well Number: GW-756
Site: Y-12 Grid Well
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 19.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		19.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

_____

_____

Inspection Date: 9/27/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-064

WELL INFORMATION

Well Number: GW-790
Site: DNAPL
Screen or Open Interval Length: -- ft.
Constructed Depth: -- ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		No msmt. ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?			X

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well head inspection for Westbay monitoring system.

Inspection Date: 6/13/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-065

WELL INFORMATION

Well Number: GW-802 — Screen or Open Interval Length: 10.0 ft.

Site: FF — Constructed Depth: 25.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	26.2 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Flushmount well; needs ID tag. Cover is bolted.

Inspection Date: 4/25/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-066

WELL INFORMATION

Well Number: GW-803
Site: HF
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 26.9 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	26.9 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.

[ ] Primary Item(s) [ ] Secondary Item(s) Maintenance Request No. _____

COMMENTS

Inspection Date: 4/25/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-067

WELL INFORMATION

Well Number: GW-804
Site: FF
Screen or Open Interval Length: 10.5 ft.
Constructed Depth: 27.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel/brass lock?		X	
3. Are the hasps firmly welded to well cap and/or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	27.4 ft.		
3. Calculate: (Constructed Depth - Measured Depth)/Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) block access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?		X	
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guard posts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete only if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s) Maintenance Request No. _____

COMMENTS

_____

_____

Inspection Date: 4/25/94 Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-052

WELL INFORMATION

Well Number: GW-811
Site: SPI
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 67.7 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☒ Stainless Steel ☐ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		67.9 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?	X		
3. Is the well identification number correct?	X		
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?		X	

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well needs ID tag and posts painted.

Inspection Date: 5/20/94

Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-053

WELL INFORMATION

Well Number: GW-812
Site: SPI

Screen or Open Interval Length: 9.9 ft.
Constructed Depth: 47.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

	NO	YES	N/A
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		48.3 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

	NO	YES	N/A
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?	X		
3. Is the well identification number correct?	X		

CONCRETE PAD:

	NO	YES	N/A
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

	NO	YES	N/A
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs ID tag.

Inspection Date: 5/20/94

Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-054

WELL INFORMATION

Well Number: GW-813
Site: SPI
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 27.8 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		28.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?	X		
3. Is the well identification number correct?	X		
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	
GUARD POSTS:			
1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs ID tag.

Inspection Date: 5/20/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-055

WELL INFORMATION

Well Number: GW-814
Site: SPI
Screen or Open Interval Length: 10.1 ft.
Constructed Depth: 26.4 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

	NO	YES	N/A
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		26.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?	X		
3. Is the well identification number correct?	X		

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs ID tag.

Inspection Date: 5/20/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-056

WELL INFORMATION

Well Number: GW-815
Site: SPI
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 23.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [X] Stainless Steel [ ] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?	X		
2. Is the PVC well casing cracked or broken?			X
3. Is a protective surface casing installed (PVC well only)?			X
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	23.8 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?	X		
3. Is the well identification number correct?	X		

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?		X	
2. Is the pad cracked or deteriorated?	X		
3. Is the pad sloped to prevent water from ponding around the casing?		X	

GUARD POSTS:

1. Are the guardposts damaged?	X		
2. Are the guardposts positioned to prevent collision damage to well?		X	
3. Are the guardposts of adequate height?		X	
4. Is the high-traffic yellow paint degraded?	X		

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well needs ID tag.

Inspection Date: 5/20/94
Inspected By: B. McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-068

WELL INFORMATION

Well Number: GW-818
Site: Bldg. 9201-2

Screen or Open Interval Length: unknown ft.
Constructed Depth: unknown ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	X		
2. Measured depth of well from top of well casing:	20.4 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?	X		
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-045S

COMMENTS

Flushmount well, 4" thin wall PVC csg. w/1.5" PVC pipe (approx. 20') inside of 4" csg. (?) Water at 9.3 ft. below top 4" csg. 1.5" csg. is only slipped inside of 4", not grouted. *Need special key for manhole cover removal.

Inspection Date: 6/23/94

Inspected By: McMaster,Thedford, Phillips

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-069

WELL INFORMATION

Well Number: GW-819
Site: Bldg. 9201-2
Screen or Open Interval Length: unknown ft.
Constructed Depth: unknown ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?			X

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?	X		
2. Measured depth of well from top of well casing:	15.5 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994: 94-045S

COMMENTS

Well is flushmount w/4" schedule 40 PVC csg. Need special key for cover removal. Water at 9.9 ft. below top csg.

Inspection Date: 6/23/94
Inspected By: McMaster, Thedford, Phillips

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-070

WELL INFORMATION

Well Number: GW-820
Site: Bldg. 9201-2
Screen or Open Interval Length: unknown ft.
Constructed Depth: unknown ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?	X		
3. Are the hasps firmly welded to well cap and / or metal casing?			X
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?	X		
2. Measured depth of well from top of well casing:	17.3 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?			X
3. Is the well identification number correct?			X
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: 94-045S

COMMENTS

Flushmount well w/4" schedule 40 PVC csg. Water at 10.0 ft. below top csg. *Need special key for manhole cover removal.

Inspection Date: 6/23/94
Inspected By: McMaster, Thedford, Phillips

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-596

WELL INFORMATION

Well Number: LL/HAZ-01
Site: GBR
Screen or Open Interval Length: 15.0 ft.
Constructed Depth: ~46.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		44.8 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?		X	
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID marked on casing.

Inspection Date: 6/14/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-595

WELL INFORMATION

Well Number: LL/HAZ-02
Site: GBR
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: ~26.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		26.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID marked on casing.

Inspection Date: 6/14/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-584

WELL INFORMATION

Well Number: LL/HAZ-03
Site: GBR
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: ~16.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		13.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: Well accessed by walking.		X	
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID is on casing.

Inspection Date: 6/14/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-598

WELL INFORMATION

Well Number: LL/HAZ-04
Site: GBR
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: ~26.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		25.5 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID marked on casing.

Inspection Date: 6/15/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-605

WELL INFORMATION

Well Number: LL/HAZ-05
Site: GBR
Screen or Open Interval Length: 15.0 ft.
Constructed Depth: ~25.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		25.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?	X		
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID marked on casing.

Inspection Date: 6/15/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-585

WELL INFORMATION

Well Number: LL/HAZ-06
Site: GBR
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: ~31.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		30.4 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID is on casing.

Inspection Date: 6/14/94
Inspected By: McMaster

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-659

WELL INFORMATION

Well Number: LL/HAZ-07
Site: GBR
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: ~41.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		34.2 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?		X	
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: roadwork needed	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)

Request nos. for maintenance performed on this well in 1994: _____

COMMENTS

Well needs redevelopment before monitoring. ID is on casing.

Inspection Date: 6/14/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-592

WELL INFORMATION

Well Number: LL/HAZ-08
Site: GBR
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: ~31.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	30.6 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)

Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID marked on casing.

Inspection Date: 6/14/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-590

WELL INFORMATION

Well Number: LL/HAZ-09
Site: GBR
Screen or Open Interval Length: 25.0 ft.
Constructed Depth: ~ 60.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	51.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Soft tag for measurement.. Well ID on casing.

Inspection Date: 6/14/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-591

WELL INFORMATION

Well Number: LL/HAZ-10
Site: GBR
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: ~41.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?			X
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		39.1 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID on casing.

Inspection Date: 6/14/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-589

WELL INFORMATION

Well Number: LL/HAZ-11
Site: GBR
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: ~34.0 ft.

PRIMARY INSPECTION ITEMS:

	NO	YES	N/A
WELL CASINGS: ☐ Steel ☐ Stainless Steel ☒ PVC			
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		33.6 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
☐ Primary Item(s) ☐ Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID marked on casing.

Inspection Date: 6/14/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-587

WELL INFORMATION

Well Number: LL/HAZ-12
Site: GBR
Screen or Open Interval Length: 20.0 ft.
Constructed Depth: ~36.0 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		37.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID marked on casing.

Inspection Date: 6/14/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-593

WELL INFORMATION

Well Number: LL/HAZ-13
Site: GBR
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 401.3 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?	X		
4. Is the protective casing corroded, bent, or broken?			X
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		~385.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		%	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994

COMMENTS

Well could have an obstruction. ID is on well cap.

Inspection Date: 6/14/94
Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-588

WELL INFORMATION

Well Number: LL/HAZ-14
Site: GBR
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 351.5 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		

WELL SECURITY:

1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	

DOWNHOLE CONDITION:

1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:	373.0 ft.		
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length	-- %		
4. Is this value > 0.2 (represents % of screen or open - hole interval)?	X		
5. Do any obstructions occur within the well?	X		

SECONDARY INSPECTION ITEMS

WELL ACCESS:

	NO	YES	N/A
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain: _____	X		

WELL IDENTIFICATION:

1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	

CONCRETE PAD:

1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?		X	X
3. Is the pad sloped to prevent water from ponding around the casing?			X

GUARD POSTS:

1. Are the guardposts damaged?		X	X
2. Are the guardposts positioned to prevent collision damage to well?	X		X
3. Are the guardposts of adequate height?	X		X
4. Is the high-traffic yellow paint degraded?		X	X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well ID marked on casing.

Inspection Date: 6/14/94 Inspected By: McMaster

94-01

Y-12 PLANT GROUNDWATER PROTECTION PROGRAM
WELL INSPECTION CHECKLIST
INSPECTION NO.: 94-586

WELL INFORMATION

Well Number: LL/HAZ-15
Site: GBR
Screen or Open Interval Length: 10.0 ft.
Constructed Depth: 372.7 ft.

PRIMARY INSPECTION ITEMS:

WELL CASINGS: [ ] Steel [ ] Stainless Steel [X] PVC

	NO	YES	N/A
1. Is the steel or stainless steel well casing corroded, bent, or broken?			X
2. Is the PVC well casing cracked or broken?	X		
3. Is a protective surface casing installed (PVC well only)?		X	
4. Is the protective casing corroded, bent, or broken?	X		
5. Is a weep located at the base of the protective casing?	X		
6. Is the steel, stainless steel, or PVC well casing loose?	X		
WELL SECURITY:			
1. Does the well have a cap or lid?		X	
2. Does the well have a waterproof steel / brass lock?		X	
3. Are the hasps firmly welded to well cap and / or metal casing?		X	
DOWNHOLE CONDITION:			
1. Is a measurement reference point marked on the top of the well casing?		X	
2. Measured depth of well from top of well casing:		337.0 ft.	
3. Calculate: (Constructed depth - Measured depth) / Screen or Open Interval Length		-- %	
4. Is this value > 0.2 (represents % of screen or open - hole interval)?			X
5. Do any obstructions occur within the well?		X	

SECONDARY INSPECTION ITEMS

	NO	YES	N/A
WELL ACCESS:			
1. Does the access road require grading or additional gravel?		X	
2. Do any obstructions (locked gates, fallen trees, etc.) access to well? Explain:	X		
WELL IDENTIFICATION:			
1. Is a stainless steel plate with engraved well number attached to the outermost casing?	X		
2. Is the well number legible?		X	
3. Is the well identification number correct?		X	
CONCRETE PAD:			
1. Is a concrete pad installed (active wells only)?			X
2. Is the pad cracked or deteriorated?			X
3. Is the pad sloped to prevent water from ponding around the casing?			X
GUARD POSTS:			
1. Are the guardposts damaged?			X
2. Are the guardposts positioned to prevent collision damage to well?			X
3. Are the guardposts of adequate height?			X
4. Is the high-traffic yellow paint degraded?			X

WELL MAINTENANCE REQUEST

Complete if any of the above shaded yes/no boxes are checked.
[ ] Primary Item(s) [ ] Secondary Item(s)
Request nos. for maintenance performed on this well in 1994 _____

COMMENTS

Well may have an obstruction. ID is on casing.

Inspection Date: 6/14/94
Inspected By: McMaster

94-01

APPENDIX D
REQUESTS FOR WELL RESURVEYS

Y-12 GROUNDWATER PROTECTION PROGRAM
REQUEST FOR WELL RESURVEY

Request No: 94-001

Well Number: GW-734	Site: EXP J
Inspection Number: 94-242	Inspected By: McMaster

REASON FOR WELL RESURVEY:

- ☐ Well location needs to be resurveyed
- ☒ Well casing extended or shortened
- ☐ Other

COMMENTS/EXPLANATION:

Top of casing elevation needs to be resurveyed after it was shortened and readjusted due to injection test performed on well.

APPROVED BY: W. Kevin Jago (GWPP MANAGER OR DESIGNEE)

DATE: 4/13/94

Y-12 GROUNDWATER PROTECTION PROGRAM
REQUEST FOR WELL RESURVEY

Request No: 94-002

Well Number: GW-776	Site: Y-12
Inspection Number: 94-506	Inspected By: McMaster

REASON FOR WELL RESURVEY:

- ☐ Well location needs to be resurveyed
- ☒ Well casing extended or shortened
- ☐ Other

COMMENTS/EXPLANATION:

Well casing has been shortened so that man-hole cover does not rest directly on cap. A resurvey needs to be done for new top of casing elevation.

APPROVED BY: Bruce W. McMaster (GWPP MANAGER OR DESIGNEE)

DATE: 4/13/94

Y-12 GROUNDWATER PROTECTION PROGRAM
REQUEST FOR WELL RESURVEY

Request No: 94-003

Well Number: GW-168	Site: EXP J
Inspection Number: 94-246	Inspected By: McMaster

REASON FOR WELL RESURVEY:

- ☐ Well location needs to be resurveyed
- ☒ Well casing extended or shortened
- ☐ Other

COMMENTS/EXPLANATION:

This well needs top of casing elevation resurveyed. An extension has been added in recent years that has previously been undocumented.

APPROVED BY: W. Kevin Jago (GWPP MANAGER OR DESIGNEE)

DATE: 4/22/94

APPENDIX E
COMPLETED MAINTENANCE REQUESTS

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-001PS

WELL NUMBER: See below	LOCATION: Y-12 UST Sites
INSPECTION DATE: 10/29 thru 11/15 1993	INSPECTED BY: Jago, Jones, McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [X] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [X] Replace Lock
- [ ] Well Rehabilitation
- [X] Replace Cap
- [ ] Extend or Repair Casing
- [X] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION: Wells GW-776, GW-631, GW-632, GW-633, GW-634, GW-659, GW-775, GW-656, GW-807, GW-808, GW-657, GW-707, GW-708, GW-806, GW-281, GW-805; all need either new water-tight caps, locks, or both. GW-807 needs protective post installed and ID tag installed. GW-776 needs casing shortened so that man-hole cover does not rest directly on well cap.

MAINTENANCE PERFORMED BY: Highland Drilling, Y-12 GWPP	
DATE REQUEST SUBMITTED: 12/15/93	DATE WORK COMPLETED: 1/27/94

MAINTENANCE WORK PERFORMED:
All wells were inspected for properly secured water-tight caps, locks, and ID tags. GW-776 had casing shortened and cap resecured. GW-807 had ID tag secured and protective post installed. GW-281 cannot be properly secured and is scheduled for Plugging and Abandonment.

Scott Gilbert (Highland Drilling), Kevin Jago, Steve Jones, Bruce McMaster

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 1/27/94

INSPECTION COMMENTS:
Work completed in a satisfactory manner.

APPROVED BY: W. Kevin Jago
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 1/27/94

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-002P

WELL NUMBER: GW-241	LOCATION: Sediment Disposal Basin
INSPECTION DATE: 2/28/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☒ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
Stainless casing needs to be cut and smoothed at top to eliminate sharp edges. A new cap and hasp needs to be installed which is easier for removal than the present set-up.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 2/28/94	DATE WORK COMPLETED: 3/11/94

MAINTENANCE WORK PERFORMED:
Replaced cap and hasp with new ones.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 3/11/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: W. Kevin Jago
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 4/1/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-003S

WELL NUMBER: GW-043, GW-044	LOCATION: Oil Landfarm
INSPECTION DATE: 2/14/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION:

Road to wells has become rutted from rains and needs to be improved for access.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 2/28/94	DATE WORK COMPLETED: 3/15/94

MAINTENANCE WORK PERFORMED:

Reworked access road, rerocked and installed 50 ft. of 15 inch culvert.

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 3/15/94

INSPECTION COMMENTS:

Work is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 4/1/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-004P

WELL NUMBER: GW-232, GW-170	LOCATION: Hwy. 62 behind REMOTEC
INSPECTION DATE: 2/14/94	INSPECTED BY: K-25 Sampling

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☒ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
Water tight caps which are currently on wells need to be replaced with standard cap, hasp, and lock assembly.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 2/28/94	DATE WORK COMPLETED:

MAINTENANCE WORK PERFORMED:
This work put on hold until further notice.
Randy Phillips

MAINTENANCE INSPECTED BY:	DATE INSPECTED:

INSPECTION COMMENTS:
An access agreement has to be worked out between REMOTEC and DOE before any work can be performed.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 3/1/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-005S

WELL NUMBER: GW-145, GW-146	LOCATION: Kerr Hollow Quarry
INSPECTION DATE: 2/14/94	INSPECTED BY: K-25 Sampling

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
Need gravel around wells since they are in a low lying area and are a problem when it rains.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 2/28/94	DATE WORK COMPLETED: 4/5/94

MAINTENANCE WORK PERFORMED:
Gravel applied around said wells.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/22/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-006S

WELL NUMBER: GW-710	LOCATION: Bear Ck. Road West
INSPECTION DATE: 2/14/94	INSPECTED BY: B. Rundle

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION: Spread gravel around well.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 2/28/94	DATE WORK COMPLETED: 3/8/94

MAINTENANCE WORK PERFORMED: Spread rock around well.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/22/94

INSPECTION COMMENTS: Work completed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-007S

WELL NUMBER: GW-655, GW-342, GW-343	LOCATION: Y-2 Burial Grounds
INSPECTION DATE: 2/1/94	INSPECTED BY: K-25 Sampling, S. Jones

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [X] Well Access
- [ ] Other

COMMENTS/EXPLANATION:

New road to wells needs to be constructed after heavy rains caused hillslope to collapse and destroy old road.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 2/28/94	DATE WORK COMPLETED:

MAINTENANCE WORK PERFORMED:

MAINTENANCE INSPECTED BY:	DATE INSPECTED:

INSPECTION COMMENTS:

*3/24/94 - Road to wells cannot be safely rebuilt after heavy rains caused slumping of hillside material. These wells are to be removed from routine sampling and will be classified as inactive status and access will be by foot.

Kevin Jago - GWPP Manager

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 4/1/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-008S

WELL NUMBER: GW-609	LOCATION: East Chestnut Ridge Waste Pile
INSPECTION DATE: 2/14/94	INSPECTED BY: S.B. Jones

MAINTENANCE TO BE PERFORMED:

☐ Build/Repair Concrete Pad	☐ Replace Cap
☒ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☐ Well Access
☐ Well Rehabilitation	☐ Other

COMMENTS/EXPLANATION: Replace guardposts on well that have been removed by construction activities.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 3/11/94	DATE WORK COMPLETED: 5/5/94

MAINTENANCE WORK PERFORMED: Replaced guardposts on said well.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 5/6/94

INSPECTION COMMENTS: Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-009S

WELL NUMBER: GW-324, GW-325	LOCATION: S3 Area
INSPECTION DATE: 2/23/94	INSPECTED BY: B. Rundle

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION: Wells need gravel spread around them for access.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 6/1/94	DATE WORK COMPLETED: 6/2/94

MAINTENANCE WORK PERFORMED: Fixed access as requested.

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/2/94

INSPECTION COMMENTS: Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-010S

WELL NUMBER: GW-799	LOCATION: SPAD Landfill
INSPECTION DATE: 3/8/94	INSPECTED BY: B. Rundle

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [X] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
Need rip-rap placed on exposed cut to prevent washout. Well needs gravel access.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 3/9/94	DATE WORK COMPLETED: 4/5/94

MAINTENANCE WORK PERFORMED:
Access improved with gravel and rip rap applied to said well.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/22/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-011S

WELL NUMBER: GW-797	LOCATION: SPAD Landfill
INSPECTION DATE: 3/8/94	INSPECTED BY: B. Rundle

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION: Well needs gravel access road.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 3/9/94	DATE WORK COMPLETED: 4/5/94

MAINTENANCE WORK PERFORMED: Constructed gravel access road.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/22/94

INSPECTION COMMENTS: Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

03-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-012S

WELL NUMBER: GW-557	LOCATION: SPAD Landfill
INSPECTION DATE: 3/8/94	INSPECTED BY: B. Rundle

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [X] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
Well needs gravel extended from the road and spread around well.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 3/9/94	DATE WORK COMPLETED: 7/13/94

MAINTENANCE WORK PERFORMED:
Gravel applied to access road and well site as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 7/13/94

INSPECTION COMMENTS:
Roadwork completed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-013S

WELL NUMBER: GW-564	LOCATION: SPAD Area
INSPECTION DATE: 3/8/94	INSPECTED BY: B. Rundle

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [X] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [X] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
Protective post needs to be moved and reset. Road needs to be leveled and graveled.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 3/9/94	DATE WORK COMPLETED: 3/31/94

MAINTENANCE WORK PERFORMED:
Moved and reset protective post. Leveled and graveled road.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/13/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

03-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-014S

WELL NUMBER: GW-801	LOCATION: SPAD Landfill
INSPECTION DATE: 3/30/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [X] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
Well needs gravel access from main road and gravel spread around well site.

MAINTENANCE PERFORMED BY: Highland Drilling Co.	
DATE REQUEST SUBMITTED: 3/30/94	DATE WORK COMPLETED: 3/31/94

MAINTENANCE WORK PERFORMED:
Applied gravel to site as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/18/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-015S

WELL NUMBER: GW-796	LOCATION: SPAD Landfill
INSPECTION DATE: 3/30/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
Access road needs improvment with gravel near well site and gravel spread around site.

MAINTENANCE PERFORMED BY: Highland Drilling Co.

DATE REQUEST SUBMITTED: 3/30/94	DATE WORK COMPLETED: 3/31/94

MAINTENANCE WORK PERFORMED:
Site repaired as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/18/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-016S

WELL NUMBER: GW-244, GW-245	LOCATION: S-3 Area
INSPECTION DATE: 3/10/94	INSPECTED BY: S.B. Jones

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☒ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
Dedicated pumps are to be installed in these wells. Pump head will not fit inside protective casing. Extend casing approx. 3-5" to accomodate pump head.

MAINTENANCE PERFORMED BY: Highland Drilling Co.	
DATE REQUEST SUBMITTED: 3/10/94	DATE WORK COMPLETED: 3/28/94

MAINTENANCE WORK PERFORMED:
4" collar welded on to top of existing protective casing. Locking cap replaced.

MAINTENANCE INSPECTED BY: S. B. Jones	DATE INSPECTED: 3/28/94

INSPECTION COMMENTS:
Maintenance work is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-017PS

WELL NUMBER: GW-171	LOCATION: UT Arboretum
INSPECTION DATE: 4/5/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

[X] Build/Repair Concrete Pad	[X] Replace Cap
[X] Install/Repair Protective Posts	[ ] Extend or Repair Casing
[X] Repair/Replace Hasp	[X] Well Identification
[X] Replace Lock	[X] Well Access
[X] Well Rehabilitation	[ ] Other

COMMENTS/EXPLANATION:

2" PVC well needs pad, posts, protective casing, ID tag, cap, and lock installed. Access to well needs improvement with gravel from main road. Well has approx. 2.5' of silt in screened interval that needs to be cleared. Well depth from top casing is 32.7'.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 9/9/94	DATE WORK COMPLETED: 9/14/94

MAINTENANCE WORK PERFORMED:

Installed pad and posts, ID tag, cap, and cleaned well. Improvements made on access.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 9/14/94

INSPECTION COMMENTS:

Work performed as requested. SAIC has redevelopment progress report.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/14/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-018PS

WELL NUMBER: GW-230	LOCATION: UT Arboretum
INSPECTION DATE: 4/5/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

[X] Build/Repair Concrete Pad	[ ] Replace Cap
[X] Install/Repair Protective Posts	[ ] Extend or Repair Casing
[ ] Repair/Replace Hasp	[X] Well Identification
[ ] Replace Lock	[X] Well Access
[X] Well Rehabilitation	[ ] Other

COMMENTS/EXPLANATION:
Well needs pad, posts, ID tag and access improved from main road. Well needs to be redeveloped w/ workover rig and swab before sampling. 4" steel cased well with open interval completion. Depth from top casing is 407.4'.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 9/9/94	DATE WORK COMPLETED: 9/14/94

MAINTENANCE WORK PERFORMED:
Installed pad and posts; redeveloped as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 9/14/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/14/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-019PS

WELL NUMBER: GW-172	LOCATION: UT Arboretum
INSPECTION DATE: 4/5/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

[X] Build/Repair Concrete Pad	[X] Replace Cap
[X] Install/Repair Protective Posts	[ ] Extend or Repair Casing
[X] Repair/Replace Hasp	[ ] Well Identification
[X] Replace Lock	[X] Well Access
[X] Well Rehabilitation	[ ] Other

COMMENTS/EXPLANATION:
Well needs pad, posts, new cap and hasp welded to steel casing. Access from main road around well needs improvement with gravel. Needs to be redeveloped w/workover rig and swab before sampling. 4" steel cased well with open interval completion; depth from top casing is 135.5'.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 9/9/94	DATE WORK COMPLETED: 9/14/94

MAINTENANCE WORK PERFORMED:
Installed pad, posts, cap and hasp; redeveloped well. Also reworked access road.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 9/14/94

INSPECTION COMMENTS:
Work performed as requested. SAIC has redevelopment progress report.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/14/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-020S

WELL NUMBER: GW-732	LOCATION: Sediment Disposal Basin
INSPECTION DATE: 4/5/94	INSPECTED BY: K-25 Samplers

MAINTENANCE TO BE PERFORMED:

☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other

COMMENTS/EXPLANATION:
Tree top has blown down across road and needs removal.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 4/5/94	DATE WORK COMPLETED: 4/5/94

MAINTENANCE WORK PERFORMED:
Cleared tree out of road.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 4/5/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 4/5/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-021S

WELL NUMBER: GW-135, GW-217	LOCATION: IL IV
INSPECTION DATE: 4/11/94	INSPECTED BY: S. Jones, B. McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION:

Heavy rains have caused ditch alongside of road to become rutted and is deep enough to be a hazard to travel.

Roadwork needs to be done to improve condition of ditch and any other maintenance for main road.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 4/14/94	DATE WORK COMPLETED: 5/11/94

MAINTENANCE WORK PERFORMED:

Improved drainage ditch and applied rip-rap; also reworked road.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 5/13/94

INSPECTION COMMENTS:

Work completed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/13/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-022P

WELL NUMBER: GW-303	LOCATION: Sediment Disposal Basin
INSPECTION DATE: 4/11/94	INSPECTED BY: E.B. Rundle

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☒ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☐ Other

COMMENTS/EXPLANATION: Hasp needs replacing; has broken off.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 4/14/94	DATE WORK COMPLETED: 4/14/94

MAINTENANCE WORK PERFORMED: Replaced cap on 6" well.

MAINTENANCE INSPECTED BY: Thedford, McMaster	DATE INSPECTED: 4/14/94

INSPECTION COMMENTS: Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 4/14/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-023S

WELL NUMBER: GW-054, GW-055	LOCATION: Y-12 Burial Grounds
INSPECTION DATE: 4/11/94	INSPECTED BY: S.B. Jones

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
Heavy rains have made access difficult w/o a 4-wheel drive vehicle. Gravel needs to be placed on access road and around well site.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 4/14/94	DATE WORK COMPLETED: 5/2/94

MAINTENANCE WORK PERFORMED:
Repaired road and site as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 5/2/94

INSPECTION COMMENTS:
Work completed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/5/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-024S

WELL NUMBER: See comments	LOCATION: Demolition Landfill
INSPECTION DATE: 3/30/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [X] Well Access
- [ ] Other

COMMENTS/EXPLANATION: Wells GW-541, GW-545, GW-543, GW-544, GW-542 located behind Landfill II have to be accessed now by road along southwest perimeter of that landfill due to construction of new Demolition Landfill. The perimeter road needs regrading after heavy rains caused erosion.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 6/1/94	DATE WORK COMPLETED: 6/3/94

MAINTENANCE WORK PERFORMED:

Reworked and partially re-rocked perimeter road.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/6/94

INSPECTION COMMENTS:

Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-025S

WELL NUMBER: GW-543	LOCATION: Demolition Landfill
INSPECTION DATE: 3/30/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other

COMMENTS/EXPLANATION:
Well needs gravel from main road spread up to and around well site.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 6/1/94	DATE WORK COMPLETED: 6/3/94

MAINTENANCE WORK PERFORMED:
Fixd well access and site with rock.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/6/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-026S

WELL NUMBER: GW-601, GW-368, GW-369	LOCATION: Oil Landfarm
INSPECTION DATE: 4/6/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other

COMMENTS/EXPLANATION: Road to wells needs regrading after heavy rains have washed ruts.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 6/1/94	DATE WORK COMPLETED: 6/2/94

MAINTENANCE WORK PERFORMED:

Repaired access road leading to wells; also to GW-602.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/2/94

INSPECTION COMMENTS:

Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/2/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-027P

WELL NUMBER: GW-541	LOCATION: Demolition Landfill
INSPECTION DATE: 3/30/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [X] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:

K-25 samplers are having trouble with sediment plugging up pumps and a soft tag for a depth measurement has been noted. Well needs to be redeveloped with workover rig/swab and cleared up. Well is 4" stainless cased with 10 ft. screen. Depth from top casing is 107.1 ft.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 8/1/94	DATE WORK COMPLETED: 8/24/94

MAINTENANCE WORK PERFORMED:

Redeveloped well as requested.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/24/94

INSPECTION COMMENTS:

Redevelopment performed as requested. SAIC has redevelopemnt progress report.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/14/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-028P

WELL NUMBER: GW-734	LOCATION: Grid Well; Picket J
INSPECTION DATE: 3/22/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [X] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [X] Replace Cap
- [X] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
Casing needs to be shortened to original height after injection test was performed; hasp and cap need to be reinstalled.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 5/13/94	DATE WORK COMPLETED: 5/13/94

MAINTENANCE WORK PERFORMED:
Lowered casing and replaced cap and hasp as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 5/13/94

INSPECTION COMMENTS:
Work performed as requested. *Well resurvey no. 94-001.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/13/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-029S

WELL NUMBER: GW-560, GW-562	LOCATION: SPAD Landfill
INSPECTION DATE: 5/2/94	INSPECTED BY: B. Rundle

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
A road needs to be installed for access to GW-560; road to GW-562 (from main road) needs to be reworked after construction activities for landfill.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 5/16/94	DATE WORK COMPLETED: 5/18/94

MAINTENANCE WORK PERFORMED:
Installed road to GW-560 and repaired road to GW-562.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 5/20/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 5/20/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-030

WELL NUMBER: GW-085	LOCATION: Oil Landfarm
INSPECTION DATE: 5/17/94	INSPECTED BY: Collins, Thedford, McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☒ Other

COMMENTS/EXPLANATION:
An adaptor needs to be installed in 2" stainless casing for a pressure hose fitting in order to conduct an injection test on this well. This is in cooperation with Environmental Restoration/SAIC OU-4 work. The fitting needs to be removed after completion of the test.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 5/17/94	DATE WORK COMPLETED: 8/3/94

MAINTENANCE WORK PERFORMED:
Adaptor installed and removed from well as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/3/94

INSPECTION COMMENTS:
Work performed as requested. No alteration to casing has taken place.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/3/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-031S

WELL NUMBER: GW-677, GW-678, GW-679	LOCATION: Ash Disposal Basin
INSPECTION DATE: 5/12/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
Wells need access improvement and weeds cut for season.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 5/30/94	DATE WORK COMPLETED: 7/12/94

MAINTENANCE WORK PERFORMED:
Improved well access as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 7/12/94

INSPECTION COMMENTS:
Road repaired as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 7/12/94

03-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-032S

WELL NUMBER: GW-680, GW-681, GW-682	LOCATION: Ash Disposal Basin
INSPECTION DATE: 5/12/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other

COMMENTS/EXPLANATION:
Access to these wells is off of road to GW-801 at SPAD Landfill on dirt road to west. Access needs improvement

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 5/30/94	DATE WORK COMPLETED: 7/15/94

MAINTENANCE WORK PERFORMED:
Access road to wells improved.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 7/18/94

INSPECTION COMMENTS:
Road and trees cleared for access; satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 7/18/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-033S

WELL NUMBER: GW-742, GW-743	LOCATION: SPAD Landfill
INSPECTION DATE: 4/29/94	INSPECTED BY: K-25 Samplers

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☒ Other

COMMENTS/EXPLANATION:

Area around wells needs backhoe work to smooth out holes; weeds need cutting around GW-742.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED:	DATE WORK COMPLETED:

MAINTENANCE WORK PERFORMED:

MAINTENANCE INSPECTED BY: McMaster, Thedford	DATE INSPECTED: 5/30/94

INSPECTION COMMENTS:

* This work has been determined not needed.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/6/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-034S

WELL NUMBER: GW-729	LOCATION: Bear Ck. Rd.
INSPECTION DATE: 5/2/94	INSPECTED BY: E.S. Owens

MAINTENANCE TO BE PERFORMED:

☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other

COMMENTS/EXPLANATION:
Road has washed after rains and needs maintenance.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED:	DATE WORK COMPLETED:

MAINTENANCE WORK PERFORMED:
Repaired road as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/24/94

INSPECTION COMMENTS:
Road repair is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/24/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-035S

WELL NUMBER: GW-079, GW-080, GW-654	LOCATION: Burial Grounds
INSPECTION DATE: 5/25/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [X] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [X] Well Access
- [ ] Other

COMMENTS/EXPLANATION: Tree across road needs removal.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 5/25/94	DATE WORK COMPLETED: 6/9/94

MAINTENANCE WORK PERFORMED: Removed tree as requested.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/10/94

INSPECTION COMMENTS: Work is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/10/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-036S

WELL NUMBER: See Below	LOCATION: See Below
INSPECTION DATE: 3/24/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [x] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION: The following wells need protective posts painted:
East Chestnut Ridge Wastepile Area; GW-300, GW-301, GW-298, GW-299, GW-160, GW-161, GW-295:
Sediment Disposal Basin; GW-159, GW-304: East End, Scarboro Rd.; GW-167, GW-168, GW-239: Ash
Disposal Basin; GW-512, GW-513, GW-514: Rogers Quarry; GW-186: Burial Grounds; GW-018, GW-370,
GW-371, GW-639, GW-640, GW-641: Oil Landfarm; GW-601, GW-013: S 3 Area; GW-347, GW-348

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 7/25/94	DATE WORK COMPLETED: 7/28/95

MAINTENANCE WORK PERFORMED:
Painted posts on specified wells.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 7/28/95

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 7/28/95

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-037S

WELL NUMBER: See Below	LOCATION: See Below
INSPECTION DATE: 3/24/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [X] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION: The following wells need pads broken out and replaced:
S 2 Area; GW-253: Burial Grounds: GW-089 (pad is off ground): Fly Ash Pond; GW-321: Demolition Landfill;
GW-541: Security Pits; GW-173, SPAD; GW-797.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 6/24/94	DATE WORK COMPLETED: 8/9/94

MAINTENANCE WORK PERFORMED:
Pads repaired as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster | DATE INSPECTED: 8/9/94

INSPECTION COMMENTS:
Work is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/9/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-038S

WELL NUMBER: See Below	LOCATION: See Below
INSPECTION DATE: 3/24/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☒ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☐ Other

COMMENTS/EXPLANATION: Caps on following wells need replacing or casing filed because are too tight:
Oil Landfarm; GW-646, GW-647: Rust Spoil Area; GW-648.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 6/23/94	DATE WORK COMPLETED: 8/1/94

MAINTENANCE WORK PERFORMED:
Wells repaired as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/1/94

INSPECTION COMMENTS:
Work is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-039P

WELL NUMBER: GW-117	LOCATION: Burial Grounds
INSPECTION DATE: 3/24/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☒ Other

COMMENTS/EXPLANATION:
Artesian well needs mechanical packer installed to stop flow. Well is 4" steel construction with a constructed depth of 533.0 ft. Well is cased to 480.0 ft.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 5/30/94	DATE WORK COMPLETED: 6/14/94

MAINTENANCE WORK PERFORMED:
Installed packer in well.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/14/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-040S

WELL NUMBER: See Below	LOCATION: Burial Grounds, Oil Landfarm
INSPECTION DATE: 5/25/94	INSPECTED BY: Rundle, McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION: The following wells need to have weeds cleared around well sites:
GW-324, GW-325, GW-800, GW-064, GW-736, GW-737, GW-725, GW-642, GW-372, GW-373, GW-371, GW-370, GW-706, GW-704, GW-703, GW-694, GW-695, GW-705.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 5/25/94	DATE WORK COMPLETED: 5/26/94

MAINTENANCE WORK PERFORMED:
Weeds cleared around specified wells.

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/3/94

INSPECTION COMMENTS:
Work is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-041S

WELL NUMBER: GW-187, GW-188	LOCATION: Rogers Quarry
INSPECTION DATE: 9/22/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [X] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [X] Other

COMMENTS/EXPLANATION: These wells need weeps drilled into protective casings; GW-187 needs protective posts painted.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 10/11/94	DATE WORK COMPLETED: 12/10/94

MAINTENANCE WORK PERFORMED:

Painted posts and drilled weeps as requested.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/12/94

INSPECTION COMMENTS:

Work is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/12/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-042S

WELL NUMBER: GW-067	LOCATION: Oil Landfarm
INSPECTION DATE: 3/29/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☒ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
2 guardposts need to be installed for well.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED:	DATE WORK COMPLETED:

MAINTENANCE WORK PERFORMED:

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED:

INSPECTION COMMENTS:
Existing posts had mostly been covered up by fill for cap; cannot install posts without possible damage to cap.
Well location is also now inside a designated radiological area. Disregard request.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-043S

WELL NUMBER: GW-232, GW-170	LOCATION: Scarboro Rd. (Behind Remotec)
INSPECTION DATE: 6/2/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

☐ Build/Repair Concrete Pad	☒ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☒ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other

COMMENTS/EXPLANATION:

These wells currently have water-tight locking caps installed; need to replace with standard cap and hasp.

7/1/94 **This work has been put on hold until access agreement between DOE and Remotec has been resolved.

1/9/95 **Agreement ok'd; access to wells needs minor roadwork to smooth gravel and roadbed, waiting on request from REMOTEC to proceed with roadwork.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED:	DATE WORK COMPLETED: 6/7/95

MAINTENANCE WORK PERFORMED:

Caps and hasps replaced, road repaired and gravel applied.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/7/95

INSPECTION COMMENTS:

Work is satisfactory.

APPROVED BY: Bruce W. MCMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/7/95

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-044S

WELL NUMBER: See below	LOCATION: See below
INSPECTION DATE: 8/4/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [X] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION: The following wells need posts painted:
New Hope Pond Area: GW-152, GW-222, GW-223, GW-240; Rust Salvage Yard: GW-306, GW-307, GW-308, (GW-308 also needs protective post reset), GW-310, GW-311; S 3 Area: GW-124, GW-125

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 10/7/94	DATE WORK COMPLETED: 12/15/94

MAINTENANCE WORK PERFORMED:
Posts were repainted and post on GW-308 was reset.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/15/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/15/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-045S

WELL NUMBER: Unknown	LOCATION: South of 9201-2
INSPECTION DATE: 6/22/94	INSPECTED BY: S. Jones

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☒ Other

COMMENTS/EXPLANATION:
Three unknown flushmount wells on south side of 9201-2 need to be accessed by removing manhole covers which are bolted down. Covers need to be removed in a way so they may be replaced/secured.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 6/23/94	DATE WORK COMPLETED: 6/24/94

MAINTENANCE WORK PERFORMED:
Removed covers, taped well depths and taped water levels for all three wells. Numbers need to be assigned to these wells for identification.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 6/24/94

INSPECTION COMMENTS:
Well covers removed and replaced as requested. Wells are currently identified as #1 (east), #2 (middle), and #3 (west). See well inspections 94-068 thru 94-070.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 6/24/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-046S

WELL NUMBER: GW-711	LOCATION: Picket W, Bear Ck. Road
INSPECTION DATE: 6/27/93	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
Road to well site needs regrading and improvement after recent rains have caused erosion gullies.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 7/22/94	DATE WORK COMPLETED: 8/1/94

MAINTENANCE WORK PERFORMED:
Repaired access road as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/1/94

INSPECTION COMMENTS:
Work is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-047S

WELL NUMBER: GW-613, GW-614	LOCATION: S 3 Area
INSPECTION DATE: 7/1/94	INSPECTED BY: K-25 Samplers, McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☒ Well Access
- ☐ Other

COMMENTS/EXPLANATION:
Tree that has blown down across road is blocking access and needs removal.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 8/1/94	DATE WORK COMPLETED: 8/1/94

MAINTENANCE WORK PERFORMED:
Removed tree from road.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/1/94

INSPECTION COMMENTS:
Tree removed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 8/1/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-048P

WELL NUMBER: GW-146	LOCATION: Kerr Hollow Quarry
INSPECTION DATE: 7/25/94	INSPECTED BY: K-25 Samplers

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☒ Other

COMMENTS/EXPLANATION:
A bailer has been lost in this well and needs to be retrieved. Samplers report that teflon bailer is hung up at approximately 190 ft. below top of casing.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 7/25/94	DATE WORK COMPLETED: 8/30/94

MAINTENANCE WORK PERFORMED:
Removed bailer as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/30/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/14/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-049S

WELL NUMBER: GW-621	LOCATION: Y-12 Burial Grounds
INSPECTION DATE: 8/16/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [X] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
Concrete pad needs replacement; appears to have been hit with mowing machine.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 8/17/94	DATE WORK COMPLETED: 8/23/94

MAINTENANCE WORK PERFORMED:
Concrete pad was replaced.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 8/23/94

INSPECTION COMMENTS:
Pad replaced as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/14/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-050S

WELL NUMBER: GW-370	LOCATION: Y-12 Burial Grounds
INSPECTION DATE: 9/1/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [X] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
Concrete pad needs replacement; is above ground surface.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 9/7/94	DATE WORK COMPLETED: 9/15/94

MAINTENANCE WORK PERFORMED:
Concrete pad was replaced.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 9/15/94

INSPECTION COMMENTS:
Pad replaced as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/15/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-051S

WELL NUMBER: See below	LOCATION: See below
INSPECTION DATE: 9/1/94	INSPECTED BY: GWPP Manager

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☒ Other

COMMENTS/EXPLANATION:
Well Wizard pumps for sampling water quality need to be installed in the following wells:
GW-206, GW-816, Scarboro Rd.; GW-171, UT Arboretum; GW-817, New Hope Pond.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 9/1/94	DATE WORK COMPLETED: 9/13/94

MAINTENANCE WORK PERFORMED:
Installed Well Wizards in specified wells as requested.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 9/13/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 9/14/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-052P

WELL NUMBER: GW-316, GW-317	LOCATION: Y-12 Spoil Area
INSPECTION DATE: 8/18/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [X] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:

Pads on both wells are cracked and need replacement.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 10/5/94	DATE WORK COMPLETED: 10/8/94

MAINTENANCE WORK PERFORMED:

Replaced pads on wells as requested.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 10/12/94

INSPECTION COMMENTS:

Work is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 10/12/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-053S

WELL NUMBER: GW-150, GW-151, GW-220	LOCATION: New Hope Pond
INSPECTION DATE: 9/27/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [X] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
Concrete pads on all three wells have degraded and need replacement.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 10/11/94	DATE WORK COMPLETED: 12/15/94

MAINTENANCE WORK PERFORMED:
Concrete pads have been replaced.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/15/94

INSPECTION COMMENTS:
Pads replaced as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/15/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-054S

WELL NUMBER: GW-152, GW-153, GW-240	LOCATION: New Hope Pond
INSPECTION DATE: 9/27/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [X] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
Concrete pads on all three wells have degraded and need replacement.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 10/11/94	DATE WORK COMPLETED: 12/15/94

MAINTENANCE WORK PERFORMED:
Concrete pads have been replaced.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/15/94

INSPECTION COMMENTS:
Pads replaced as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/15/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-055P

WELL NUMBER: GW-074	LOCATION: Oil Landfarm
INSPECTION DATE: 10/7/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☒ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☐ Other

COMMENTS/EXPLANATION:

2" stainless casing has had approximately 2 ft. of riser added at an earlier date and is leaking at the weld (well is artesian) for the riser. A coupling needs to be installed and welded in place to repair the casing.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 10/11/94	DATE WORK COMPLETED: 12/1/94

MAINTENANCE WORK PERFORMED:

Repaired leak by welding.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/4/94

INSPECTION COMMENTS:

Casing repaired as requested. No visible leak on this date, 12/4/94.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/4/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-056P

WELL NUMBER: GW-160	LOCATION: LF III
INSPECTION DATE: 9/20/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [X] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [X] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:

Well needs redevelopment to clear sediment accumulation. Constructed depth of well is 237.4 ft'., taped depth is 225.4'. Well is 7" steel cased w/open interval completion. A new concrete pad also needs to be installed.

No containment of purge water is required.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/22/94

MAINTENANCE WORK PERFORMED:

Well redeveloped and new pad installed.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/22/94

INSPECTION COMMENTS:

Work completed as requested. SAIC has well redevelopment progress report.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/22/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-057P

WELL NUMBER: GW-731	LOCATION: CRSDB
INSPECTION DATE: 9/21/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [X] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:

Well needs rehabilitation w/workover rig to remove sediment accumulation. Constructed depth of well is 178.6 ft., taped depth is 175.0 ft. Well is 4" stainless construction w/screen completion.

No containment of purge water is required.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/12/94

MAINTENANCE WORK PERFORMED:

Well redeveloped as requested.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/22/94

INSPECTION COMMENTS:

SAIC has well redevelopment progress report.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/22/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-058P

WELL NUMBER: GW-181	LOCATION: Chestnut Ridge Security Pits
INSPECTION DATE: 10/25/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

☐	Build/Repair Concrete Pad	☐	Replace Cap
☒	Install/Repair Protective Posts	☐	Extend or Repair Casing
☐	Repair/Replace Hasp	☐	Well Identification
☐	Replace Lock	☐	Well Access
☒	Well Rehabilitation	☐	Other

COMMENTS/EXPLANATION:

Well needs rehabilitation to clear sediment accumulation. Constructed depth of well is 170.4 ft., taped depth is 167.7 ft. Well is 7" steel casing w/open interval completion. Protective posts also need painting.

No containment of purge water is required.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/22/94

MAINTENANCE WORK PERFORMED:

Redeveloped well and painted guard posts as requested.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/22/94

INSPECTION COMMENTS:

Work completed. SAIC has well redevelopment progress report.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/22/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-059S

WELL NUMBER: GW-006, GW-007	LOCATION: Oil Landfarm
INSPECTION DATE: 10/7/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

☐ Build/Repair Concrete Pad	☐ Replace Cap
☐ Install/Repair Protective Posts	☐ Extend or Repair Casing
☐ Repair/Replace Hasp	☐ Well Identification
☐ Replace Lock	☒ Well Access
☐ Well Rehabilitation	☐ Other

COMMENTS/EXPLANATION:

Both of these wells have been filled in and over by construction of roadway around cap. The top of the Well Wizard pump on GW-007 can be seen but GW-006 is covered. The location of GW-006 needs to be determined with minor excavation (digging) and condition of the well needs to be noted; the same for GW-007.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/5/94

MAINTENANCE WORK PERFORMED:

Both wells located. Extended casing on GW-006 and redeveloped. GW-007 will be left until further notice.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/6/94

INSPECTION COMMENTS:

GW-007 has casing damage and Well Wizard cannot be removed. This well will be eventually P&A when state approval is obtained. Other maintenance performed is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/6/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-060S

WELL NUMBER: See below	LOCATION: Kerr Hollow Quarry
INSPECTION DATE: 11/1/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [X] Build/Repair Concrete Pad
- [X] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
The following wells need maintenance: GW-142 needs new pad and posts painted; GW-144, GW-231, GW-143, GW-146, GW-145, GW-147 all need posts painted.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/27/94

MAINTENANCE WORK PERFORMED:
Replaced pads and painted posts.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 1/3/95

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 1/3/95

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-061S

WELL NUMBER: See Below	LOCATION: Chestnut Ridge Security Pits
INSPECTION DATE: 11/1/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [ ] Build/Repair Concrete Pad
- [X] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [ ] Well Access
- [ ] Other

COMMENTS/EXPLANATION:

The following wells all need posts painted:

1090, GW-339, GW-302, GW-174, GW-322, GW-178, GW-176, GW-612

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 11/7/94	DATE WORK COMPLETED: 11/18/94

MAINTENANCE WORK PERFORMED:

Painted posts.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 11/22/94

INSPECTION COMMENTS:

Work completed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 11/22/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-062P

WELL NUMBER: GW-006	LOCATION: Oil Landfarm
INSPECTION DATE: 11/30/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

[X] Build/Repair Concrete Pad	[ ] Replace Cap
[ ] Install/Repair Protective Posts	[X] Extend or Repair Casing
[ ] Repair/Replace Hasp	[ ] Well Identification
[ ] Replace Lock	[ ] Well Access
[X] Well Rehabilitation	[ ] Other

COMMENTS/EXPLANATION:

Well needs to be redeveloped. 2" stainless casing, constructed depth is 46'. An extension needs to be added to existing casing to bring up above grade level for sampling (approx.2.5'). Concrete pad needs to be installed and 2 protective posts (on road side of well, not cap side). Development water needs to be contained. Well Wizard pump that is currently on well needs testing to see if still operable.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/30/94	DATE WORK COMPLETED: 12/14/94

MAINTENANCE WORK PERFORMED:

Casing was extended and well redeveloped; new Well Wizard and line installed. Installed pad and posts.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/15/94

INSPECTION COMMENTS:

Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/15/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM

WELL MAINTENANCE REQUEST

REQUEST NO.: 94-063P

WELL NUMBER: GW-208	LOCATION: Scarboro Rd.
INSPECTION DATE: 11/30/94	INSPECTED BY: Rundle

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☒ Other

COMMENTS/EXPLANATION:

Packer in well needs removal by 12/2/94; replaced no later than 12/6/94.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 12/1/94	DATE WORK COMPLETED: 12/5/94

MAINTENANCE WORK PERFORMED:

Removed packer and reinstalled as requested.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/5/94

INSPECTION COMMENTS:

Work is satisfactory.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/5/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-064P

WELL NUMBER: GW-095	LOCATION: Burial Grounds
INSPECTION DATE: 12/5/94	INSPECTED BY: K-25 Samplers

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☐ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☒ Other

COMMENTS/EXPLANATION:
Well Wizard has cracked head and needs replacement. Well construction is 4" stainless casing. Replace only the head.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 12/1/94	DATE WORK COMPLETED: 12/12/94

MAINTENANCE WORK PERFORMED:
4" Well Wizard head replaced.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 12/12/94

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 12/12/94

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-065S

WELL NUMBER: GW-366, GW-367, GW-520	LOCATION: Landfill I
INSPECTION DATE: 7/28/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- [X] Build/Repair Concrete Pad
- [ ] Install/Repair Protective Posts
- [ ] Repair/Replace Hasp
- [ ] Replace Lock
- [ ] Well Rehabilitation
- [ ] Replace Cap
- [ ] Extend or Repair Casing
- [ ] Well Identification
- [X] Well Access
- [ ] Other

COMMENTS/EXPLANATION:
Concrete pads on all three wells need replacement; large tree that has blown down across access road needs removal.

MAINTENANCE PERFORMED BY: Highland Drilling Company

DATE REQUEST SUBMITTED: 12/20/94	DATE WORK COMPLETED: 12/29/94

MAINTENANCE WORK PERFORMED:
Replaced all three pads and removed tree from road.
Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 1/3/95

INSPECTION COMMENTS:
Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 1/3/95

93-01

Y-12 GROUNDWATER PROTECTION PROGRAM
WELL MAINTENANCE REQUEST
REQUEST NO.: 94-066S

WELL NUMBER: GW-603, GW-604	LOCATION: New Hope Pond
INSPECTION DATE: 12/20/94	INSPECTED BY: McMaster

MAINTENANCE TO BE PERFORMED:

- ☐ Build/Repair Concrete Pad
- ☒ Install/Repair Protective Posts
- ☐ Repair/Replace Hasp
- ☐ Replace Lock
- ☐ Well Rehabilitation
- ☐ Replace Cap
- ☐ Extend or Repair Casing
- ☐ Well Identification
- ☐ Well Access
- ☐ Other

COMMENTS/EXPLANATION:

Protective posts need painting.

MAINTENANCE PERFORMED BY: Highland Drilling Company	
DATE REQUEST SUBMITTED: 11/29/94	DATE WORK COMPLETED: 12/27/94

MAINTENANCE WORK PERFORMED:

Painted guardposts.

Randy Phillips

MAINTENANCE INSPECTED BY: McMaster	DATE INSPECTED: 1/3/95

INSPECTION COMMENTS:

Work performed as requested.

APPROVED BY: Bruce W. McMaster
PROJECT MANAGER GWPP OR DESIGNEE

DATE: 1/3/95

93-01

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