

Landlord Project Multi-Year Work Plan Fiscal Year 1999

WBS 1.5

DynCorp Tri-Cities Services, Inc.

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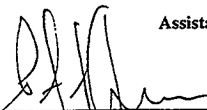
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FY 1999 Work Plan

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MYWP Approval Sheet

Assistant Manager, Facility Transition



P. M. Knollmeyer

8/31/98

Date

Director, Site Infrastructure Division

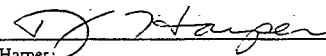


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A.1.0 Technical Baseline

The MYWP technical baseline describes the work to be accomplished by the Project and the technical standards which govern that work.

A.1.1 Mission Statement

The mission of Landlord Project is to provide major maintenance/replacement of general infrastructure facilities and systems to facilitate the Hanford Site cleanup mission. Also, once an infrastructure facility or system is no longer needed the Landlord Project transitions the facility to final closure/removal through excess, salvage or demolition. Landlord Project activities will be performed in an environmentally sound, safe, economical, prudent, and reliable manner. The Landlord Project consists of the following major facilities/systems: steam, water, liquid sanitary waste, electrical distribution, telecommunication, sanitary landfill, emergency services, general purpose offices, general purpose shops, general purpose warehouses, environmental supports facilities, roads, railroad, and the site land.

The objectives for general infrastructure support are reflected in two specific areas, 1) Core Infrastructure Maintenance, and 2) Infrastructure Risk Mitigation.

A.1.2 Boundary Diagram with Major Facilities

The following table identifies the major facilities that interface with this Project. The left column of the table identifies the major facilities that generate waste, materials, or infrastructure for this Project. The right column of the table identifies the major facilities that will receive waste and materials from this Project. The center column lists the major facilities managed by this Project.

Table A-1 Landlord Project Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	300 LEF Steam System Water System Liquid Sanitary Waste System Electrical Distribution System Telecommunications System Sanitary Landfill Emergency Services General Purpose Offices General Purpose Shops General Purpose Warehouses Environmental Support Facility Road System Rail System Land	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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A.1.3 Facility Responsibility Assignment Matrix

This section provides a table that identifies the sub-projects, major facilities, and the life cycle assignments.

Table A-2 Facility Responsibility Assignment Matrix

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
300 LEF	RL-WM05						RL-WM05	RL-TP14	RL-ER03
							RL-ER06	RL-TP13	
300 Area Treated Effluent Disposal Facility	RL-WM05						RL-WM05	RL-WM05	RL-TP13
Steam System	RL-I111						RL-I111	RL-TP13	RL-TP13
CP Steam System	RL-TP13						RL-I111	RL-TP13	RL-TP13
S600 Steam System	RL-TP13						RL-I111	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
Water System	RL-I112						RL-I112	RL-TP13	RL-TP13
RoR Water System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
Water Systems in Central Plateau	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 Water System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
Liquid Sanitary Waste System	RL-I113						RL-I113	RL-TP13	RL-TP13
RoR Liquid Sanitary Waste System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Liquid Sanitary Waste	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 Liquid Sanitary Waste	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
Electrical Distribution System	RL-I114						RL-I114	RL-TP13	RL-TP13
RoR Electrical Distribution System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Electrical Distribution System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CC Electrical Distribution	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 Electrical Distribution	RL-TP13						RL-TP13	RL-TP13	RL-TP13
Telecommunications System	RL-I6						RL-I6	RL-TP13	RL-TP13
RoR Telecommunications System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Telecommunications System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CC Telecommunications System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 Telecommunications System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
Sanitary Landfill	(tbd)							RL-TP13	RL-TP13
Central Landfill	(tbd)							RL-TP13	RL-TP13
Emergency Services	RL-I4						RL-I4	RL-TP13	RL-TP13
RoR Emergency Services	RL-TP13						RL-I4	RL-TP13	RL-TP13
							RL-TP13		
CP Emergency Services	RL-TP13						RL-I4	RL-TP13	RL-TP13
							RL-TP13		
S600 Emergency Services	RL-TP13						RL-I4	RL-TP13	RL-TP13
							RL-TP13		
General Purpose Offices	RL-I13						RL-I13	RL-TP13	RL-TP13
CP General Purpose Office	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 General Purpose Office	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
General Purpose Shops	RL-I14						RL-I14	RL-TP13	RL-TP13
CP General Purpose Shop	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 General Purpose Shop	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
General Purpose Warehouses	RL-I7						RL-I7	RL-TP13	RL-TP13
CP General Purpose Warehouse	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 General Purpose Warehouse	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
Environmental Support Facility	RL-ST01						RL-ST01	RL-TP13	RL-TP13
							RL-TP13		
Road System	RL-I121						RL-I121	RL-TP13	RL-TP13
RoR Road System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Road System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CC Road System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 Road System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
Rail System	RL-I122						RL-I122	RL-TP13	RL-TP13

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Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
RoR Rail System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Rail System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CC Rail System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 Rail System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
Land	RL-TP13						RL-TP13	RL-TP13	RL-TP13
RoR Land	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Land	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CC Land	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 Land	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14

RL-ER03 - 300 Area Source Remedial Action
 RL-ER06 - Decontamination & Decommissioning
 RL-1111 - Steam Utilities
 RL-1112 - Water Utilities
 RL-1113 - Liquid Sanitary Waste Utilities
 RL-1114 - Electrical Utilities
 RL-1121 - Roadway Maintenance
 RL-1122 - Rail Operations & Maintenance
 RL-113 - General Purpose Facilities
 RL-114 - Infrastructure Services
 RL-14 - Fire Protection Program
 RL-16 - Information Resource Management
 RL-17 - Asset Management
 RL-ST01 - PNNL Waste Management
 RL-TP13 - Landlord
 RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization
 RL-WM05 - Liquid Effluents

A.1.4 Project Planning Assumptions

This section contains the issues that affect the project. These include project specific issues, as well as site-level issues that have been assigned to the project for resolution. It also contains the assumptions that are used as a basis for the development of project plans until the issues are formally resolved with records of decision. The "Champion" column determines if the Project has lead responsibility or is an affected participant. If the champion belongs to the Project, the Project has the lead. If not, the Project is an affected participant. Project plans include appropriate activities and resources for resolving these issues.

Table A-3 Project Issues And Assumptions

ISSUE		PLANNING ASSUMPTION	CHAMPION
1	Revitalization Project Facility Timing What is the acceptance criteria and timing for the transfer of facilities in the 300 Area to the Revitalization Project?	Transfer of facilities into the Revitalization Project will begin in FY 99.	Lund
2	Revitalization Project Facility Acquisition Which facilities in the 300 Area will be transferred to the Revitalization Project?	No Decision made.	Lund

A.1.5 Risk Management

Mission Risk Management Plans are not available at this time, however, detailed risk analysis can be found in the following documents:

- PBS Level, Risk Data Tables, Section C.1.1
- PBS Level, Risk Evaluation Narrative, Section D.1.6
- Unit of Analysis Level, current PPL and IPL located on Hanford shared area: \ap014\pbs

A.1.6 Technical Issues Management List

This section identifies the site-level issues and planning assumptions from Section A.1.4 that have been assigned to the project for resolution. This section is used to delineate the site-level issues and planning assumptions from the project specific issues and planning assumptions.

No site level technical issues found for the Landlord Project Organization.

A.2.0 Project Hanford Breakdown Structure (PHBS)

A.2.1 PHBS Hierarchy

RL PBS	RL WBS	Title
	1.05	Landlord Project
RL-TP13	1.05.01	Landlord
	1.05.01.01	Steam System
	1.05.01.01.03	Transition Steam System
	1.05.01.01.04	Disposition Steam System
	1.05.01.02	Water System
	1.05.01.02.02	Provide Major Maint/Replacements to Water System
	1.05.01.02.03	Transition Water System
	1.05.01.02.04	Disposition Water System
	1.05.01.03	Liquid Sanitary Waste System
	1.05.01.03.02	Provide Major Maint/Replacements to Liquid Sanitary Waste System
	1.05.01.03.03	Transition Liquid Sanitary Waste System
	1.05.01.03.04	Disposition Liquid Sanitary Waste System
	1.05.01.04	Electrical Distribution System
	1.05.01.04.02	Provide Major Maint/Replacements to Electrical Distribution System
	1.05.01.04.03	Transition Electrical Distribution System
	1.05.01.04.04	Disposition Electrical Distribution System
	1.05.01.05	Telecommunications System
	1.05.01.05.02	Provide Major Maint/Replacements to Telecommunications System
	1.05.01.05.03	Transition Telecommunications System
	1.05.01.05.04	Disposition Telecommunications System
	1.05.01.06	Sanitary Landfill
	1.05.01.06.04	Perform Closure Central Landfill
	1.05.01.07	Emergency Services
	1.05.01.07.02	Provide Major Maint/Replacements to Emergency Services Facilities
	1.05.01.07.03	Transition Emergency Services
	1.05.01.07.04	Disposition Emergency Services
	1.05.01.08	General Purpose Offices
	1.05.01.08.02	Provide Major Maint/Replacements to Office Facilities
	1.05.01.08.03	Transition Offices
	1.05.01.08.04	Disposition Offices
	1.05.01.09	General Purpose Shops
	1.05.01.09.02	Provide Major Maint/Replacements to Shop Facilities
	1.05.01.09.03	Transition Shops
	1.05.01.09.04	Disposition Shops
	1.05.01.10	General Purpose Warehouses
	1.05.01.10.02	Provide Major Maint/Replacements to Warehouse Facilities
	1.05.01.10.03	Transition Warehouses
	1.05.01.10.04	Disposition Warehouses

RL PBS	RL WBS	Title
	1.05.01.11	Environmental Support Facility
	1.05.01.11.02	Provide Major Maint/Replacements to Environmental Support Facility
	1.05.01.11.03	Transition Environmental Support Facility
	1.05.01.11.04	Disposition Environmental Support Facility
	1.05.01.12	Road System
	1.05.01.12.02	Provide Major Maint/Replacements to Road System
	1.05.01.12.03	Transition Road System
	1.05.01.12.04	Disposition Road System and Heavy Mobile Equipment
	1.05.01.13	Rail System
	1.05.01.13.03	Transition Rail System
	1.05.01.13.04	Disposition Rail System
	1.05.01.14	Land
	1.05.01.14.01	Manage Land
	1.05.01.14.03	Transition Land
	1.05.01.14.04	Disposition Land
	1.05.01.15	300 Area Treated Effluent Disposal Facility
	1.05.01.15.03	Transition the 300 Area TEDF
	1.05.01.15.04	Disposition 300 Area Treated Effluent Disposal Facility

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The Program Summary Schedule extends out to 2046. The detail for this information is a one-line bar within Program Management. To show this information out to 2046 on the summary schedule would reduce the information in the first few years to make it unreadable.

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	FY00	FY02	FY04	FY05	FY08	FY10	FY12	FY14	FY16
+ LD Landlord Project		252	01OCT98	29SEP00	▲								
+ PM Landlord Program Management		322	01OCT98	28SEP15	◆◆◆								
+ LN Landfill Closure Plan		753	01OCT98	27SEP01	▲								
+ WW L-281, 200 West Regional Drainfield		285	10JUN98	29JUL99	◆◆								
+ WT L-286, Sanitary Water Plant Effluent		256	10JUN98	16JUN99	▲								
+ EP L-292, Emergency Preparedness Control		249	01OCT98	28SEP99	◆◆								
+ CL L-299, 300 Area Water Plant Chlorine System		503	01OCT98	29SEP00	◆◆◆								
+ FB L-293 EPS - Federal Bldg. Renovation		245	01OCT98	23SEP99	◆◆								
+ BP Back Flow Preventer Installation		503	01OCT98	29SEP00	▲								
+ AM Procure 2 Ambulances		503	01OCT98	29SEP00	▲								
+ FF 400 Area Fire Station/HVAC Roof Mods		206	01OCT98	28JUL99	▲								
+ FT Procure 2 Fire Trucks		503	01OCT98	29SEP00	▲								

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	FY00	FY02	FY03	FY05	FY08	FY10	FY12	FY14	FY16
+ ES L-270	Emergency Services Renovation	503	01OCT98	29SEP00	▢	▢							
+ ST	Land Use Planning/Asset Conversion	503	01OCT98	29SEP00	▢	▢							
+ BD L-294	Broad Band End-of-Life Conver	248	01OCT98	27SEP99	▢	▢							
+ WS L-291	Sanitary Water & Sewer to PTA	290	03AUG98	27SEP99	▢	▢							
+ CW	Plan to disposition Waste Sites	1009	01OCT98	28SEP06	▢	▢							
+ SS	Closure of Abandon Septic Systems	557	01OCT98	18DEC00	▢	▢							
+ MP	Dyncorp Mapping Services	501	01OCT98	27SEP00	▢	▢							
+ EQ L-297	Equipment Dispositioning	1012	01OCT98	10OCT06	▢	▢							
+ MT	Surv & Maint/Shutdown/Isolation	1010	01OCT98	29SEP06	▢	▢							
+ RD L-298	Hanford Site Road Resurfacing	1019	18SEP98	29SEP06	▢	▢							
+ UG	Underground Storage Tanks	78	01SEP98	22DEC98	▢	▢							
+ DN L-296	Data Network Renovation	236	01OCT99	07SEP00	▢	▢							
+ MS	2101M & MO235 Storm Water Drainage	210	01OCT99	01AUG00	▢	▢							
+ RR	325 Building Roof Repair	252	01OCT99	29SEP00	▢	▢							

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	FY00	FY02	FY04	FY06	FY08	FY10	FY12	FY14	FY16
+ RM 3790	Re-Roof and HVAC Modifications	250	02OCT00	127SEP01									

XX

LANDLORD
SUMMARY OF LIFE CYCLE COST BASELINE (BCWS) BY YEAR
BY PROJECT BASELINE SUMMARY (PBS)
FY 1999
(\$000s)

[illegible]

[†]Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Carryover Is NOT Included.

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B.1 Landlord (RL-TP13)

B.1.1.0 Landlord Technical Baseline

This section describes the technical baseline for this project. It identifies the mission, the end point targets, the site major facilities, technical logic, functions, requirements, and forecasts for this project.

B.1.1.1 Landlord Mission

The mission of the Landlord Project is to provide replacements, major maintenance, and renovation of core infrastructure facilities and systems to facilitate the Hanford Site cleanup mission. Also, after an infrastructure function is no longer needed to support the Hanford Site mission the Landlord Project is responsible for cost effective final disposition of the facilities, systems, and equipment (includes transfer to another entity, excess, salvage, monitoring, demolition, etc.). Infrastructure facilities include utilities (i.e. water, sanitary sewer, electrical and telecommunication distribution), services (i.e. emergency and security systems, data processing, sanitary and inert solid waste disposal, and medical), transportation systems (i.e. common site roads, railroads, parking lots, heavy mobile equipment, etc.), general purpose buildings (includes general support offices, shops, warehouses, laboratories, emergency services, emergency preparedness, safeguards, and security), and real estate management (includes mapping services; facilities, utilities, and land easements and pre-existing conditions; asset conversion; and sitewise site selection coordination). All Landlord Project activities are performed in an environmentally sound, safe, economical, prudent, and reliable manner. NOTE: General operations and maintenance of infrastructure systems, services, and facilities is provided through assessments to the direct Hanford Site Projects and is not a function of the Landlord Project.

B.1.1.2 Landlord End Point Targets from Hanford Strategic Plan

- Remove Central Core non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.
- Transition high cost surplus facilities to a low cost, stable, deactivated condition.
- Remove Central Plateau (200 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.
- Transition high cost surplus facilities to a low cost, stable, deactivated condition.
- Reuse facilities in the south 600 area for economic diversification where feasible.
- Remove South 600 Area (300 Area and 400 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.

B.1.1.3 Landlord Major Facilities

B.1.1.3.1 300 LEF Facility

B.1.1.3.1.1 300 LEF Facility Description

The 300 Area Liquid Effluent Facilities (300 LEF) include:

300 Area Treated Effluent Disposal Facility

The 300 Area Treated Effluent Disposal Facility (TEDF) provides treatment for waste water from laboratories, research facilities, office buildings, and fuel fabrication facilities in the 300 Area. The waste water is received via the 300 Area Process Sewer (PS). The 300 Area TEDF is designed for continuous receipt of waste waters with storage capacity of up to 5 days at the design flow rate of 300 gal/min. The facility treats the waste water using Best Available Technology. The treatment process includes iron co-precipitation, pH adjustment, filtration, ultraviolet light/peroxide (UV/OX) destruction of organics, and ion exchange. Sludge from the iron co-precipitation process is dewatered and used for backfill in the low-level waste trench. The treated liquid effluent is monitored and discharged through an outfall to the Columbia River under a NPDES permit. Capability exists to divert the treated effluent to holding tanks prior to discharge if needed until determination can be made for final disposal based on sampling.

307 Retention Basins

The 300 Area Retention Process Sewer (RPS) system collects liquid effluents in the 300 Area which are potentially radioactively contaminated. These liquid effluents normally are collected in the 307 Retention Basins where they are monitored and batch released to the Process Sewer (PS) for subsequent treatment in the 300 Area TEDF. Provisions exist for transferring off-specification liquid effluents to the Radioactive Liquid Waste system (RLWS) and 340 Waste Handling Facility for subsequent storage and transfer to Double-Shell Tanks (DSTs) in the 200 East Area. The 307 Retention Basins consist of four basins with associated valves, pumps, and controls. Each basin has a holding capacity of 95 cubic meters (25,000 gal) with overflow to the adjacent basin.

340 Waste Handling Facility

The 340 Waste Handling Facility provides receipt, storage, and loadout capability for low-level radioactive/mixed liquid waste generated during laboratory operations in the 300 Area. Waste is received via the radioactive liquid waste system (RLWS) or the retention process sewer (RPS) system. The waste is accumulated and stored in two 15,000 gal tanks located in a covered, below-grade vault in the 340 building. Six additional 8,000 gal tanks in the adjacent 340-A building provide backup storage capability. The 340-B building is used for rail loadout of the wastes. The waste is transported to the 204-AR Unloading facility in the 200 East Area for neutralization and storage in double-shell tanks. The 340 Waste Handling Facility does not have a RCRA permit and these waste transfers must occur within a 90 day storage limit.

The 340 Waste Handling Facility will no longer receive waste after September 1998. A new waste handling facility is being provided for the 325 building. The 340 Waste Handling Facility will be shutdown and cleaned out, deactivated, and decontaminated and decommissioned.

B.1.1.3.1.2 300 LEF Facility Technical Logic:

The following figure shows the process for collecting, treating, and disposing of liquid wastes in the 300 Area. Waste water in the 300 Area which is nonradioactive and nonhazardous is received via the process sewer and treated in the 300 Area TEDF. Liquid effluents from other projects which meet acceptance criteria can also be received and treated in the 300 area TEDF. The waste water is treated to remove heavy metals and cyanide and to destroy organics. The 300 Area TEDF treatment process constitutes BAT and includes pH adjustment, iron co-precipitation, filtration, UV/OX, and ion exchange. The treated effluent is discharged to the Columbia River under an NPDES permit. Potentially contaminated waste water in the 300 Area is collected in the 307 Retention Basins, monitored for radioactive contamination, and transferred to the 300 Area TEDF. Radioactive and mixed liquid waste in the 300 Area is collected at the 340 Waste Handling Facility and transferred by tanker trucks to double-shell tanks in the 200 East Area.

Project responsibility for the life cycle phases of the 300 LEF components are assigned as follows:

Table B.1-1 Responsibility Assignment Matrix for 300 LEF

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
300 LEF	RL-WM05						RL-WM05	RL-TP14 RL-ER06	RL-ER03 RL-TP13
300 Area Treated Effluent Disposal Facility	RL-WM05						RL-WM05	RL-WM05	RL-TP13

RL-ER03 - 300 Area Source Remedial Action

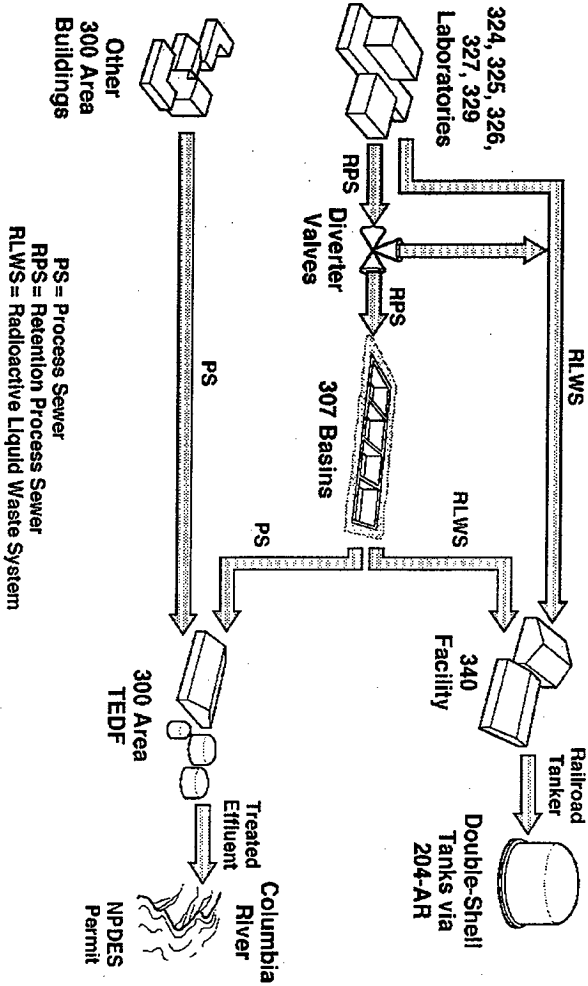
RL-ER06 - Decontamination & Decommissioning

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization

RL-WM05 - Liquid Effluents

300 Area Liquid Wastes



H98050081.2

Figure B.1_1 300 LEF Technical Logic

B.1.1.3.1.3 300 LEF Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-2 300 LEF Life Cycle Functional Descriptions

hsems.4.2.1.lcam.6.2 300 LEF D&D	
tsd.2.3.5.1.3 Disposition 300 Area Treated Effluent Disposal Facility	Provide final Disposition of the 300 Area Treated Effluent Disposal Facility once no longer needed to support the 300 Area mission (circa 2025).

Table B.1-3 300 LEF Life Cycle Requirements

Requirement	Function
Remove South 600 Area (300 Area and 400 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.	tsd.2.3.5.1.3
Transitioned facilities shall be decontaminated and decommissioned sufficiently to enable removal or closure through entombment.	tsd.2.3.5.1.3
Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.	tsd.2.3.4.1.3
Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.	tsd.2.3.5.1.3

B.1.1.3.1.4 300 LEF Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-4 300 LEF Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	300 LEF	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.1.5 300 LEF Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.2 Steam System Facility

B.1.1.3.2.1 Steam System Facility Description

This system includes Central Plateau and South 600 Area steam facilities

B.1.1.3.2.2 Steam System Facility Technical Logic:

The technical logic for the Site Steam System Facility is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for post-operations and final disposition of the surplus centralized steam powerhouses in the 200 and 300 Areas. Steam for the 200 and 300 Areas is provided by the Energy Savings Performance Contractor (ESPC) and is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Steam System components are assigned as follows:

Table B.1-5 Responsibility Assignment Matrix for Steam System

Asset	Life Cycle Phase							
	Program Planning	Pre Conceptual	Conceptual	Execute			Close Out	
				Design	Construction	Turnover	O&M	Post Ops D&D
Steam System	RL-I111						RL-I111	RL-TP13 RL-TP13
CP Steam System	RL-TP13						RL-I111	RL-TP13 RL-TP13
S600 Steam System	RL-TP13						RL-I111 RL-TP14	RL-TP13 RL-TP14

RL-I111 - Steam Utilities

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization

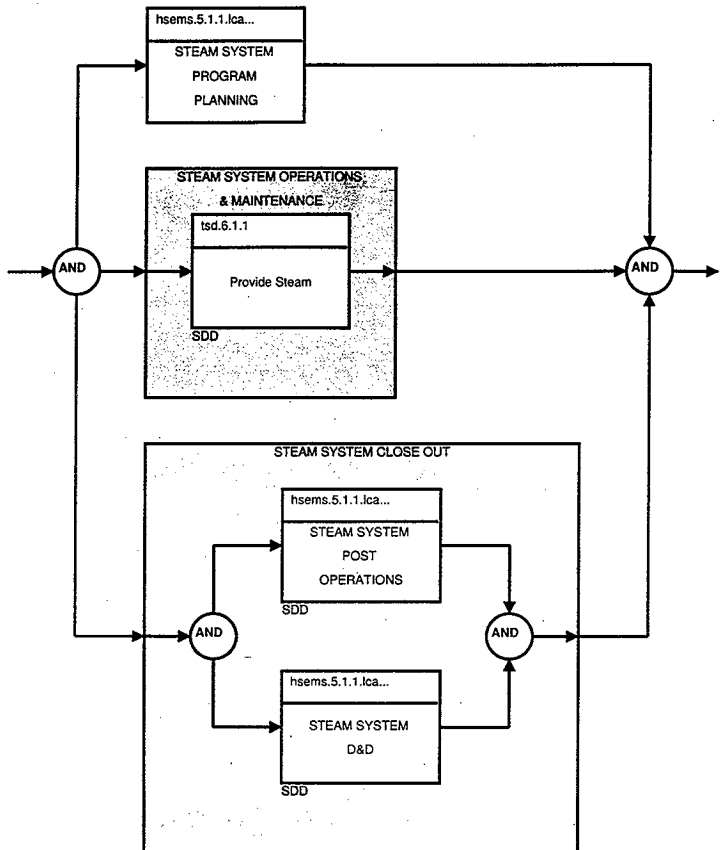


Figure B.1_2 STEAM SYSTEM

B.1.1.3.2.3 Steam System Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-6 Steam System Life Cycle Functional Descriptions

hsems.5.1.1.cam.6.1 STEAM SYSTEM POST OPERATIONS	
tsd.2.6.1.1 Transition Steam System	Provide surveillance and maintenance of 200 Area & 300 Area steam facilities until they are excessed, salvaged, transferred to another entity, or demolished. In FY 1999 and FY 2000 steam plants will continue to be surveilled and maintained in a safe shutdown mode and demolished or salvaged beyond FY 2001.
hsems.5.1.1.cam.6.2 STEAM SYSTEM D&D	
tsd.2.7.1.1 Disposition Steam System	Provide final disposition including hazards mitigation of excess steam facilities in the 200 East, 200 West, and 300 Areas. Final disposition of steam plants are scheduled beyond FY 2001.

Table B.1-7 Steam System Life Cycle Requirements

Requirement	Function
Steam facilities shall be operated and maintained and steam services shall be provided in a safe, secure, environmentally sound, and cost-effective manner, optimizing site infrastructure as a whole.	tsd.2.6.1.1
The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.	tsd.2.6.1.1 tsd.2.7.1.1
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition	tsd.2.6.1.1
Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	
Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.	tsd.2.7.1.1

B.1.1.3.2.4 Steam System Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-8 Steam System Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	Steam System	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.2.5 Steam System Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.3 Water System Facility

B.1.1.3.3.1 Water System Facility Description

The Site water system includes river intake/outfall structures, wells, pumps, pipes, reservoirs, treatment facilities, and associated support facilities necessary for operating the system in a safe and compliant manner.

B.1.1.3.3.2 Water System Facility Technical Logic:

The technical logic for the Site Water System Facility is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for major maintenance and replacement of water system equipment and facilities during the operations phase; post operations surveillance and maintenance, shutdown, and isolation; and final deactivation and disposition of this system and facilities. General maintenance, operations, and day to day planning of the water systems is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Water System components are assigned as follows:

Table B.1-9 Responsibility Assignment Matrix for Water System

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
Water System	RL-I112						RL-I112	RL-TP13	RL-TP13
RoR Water System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
Water Systems in Central Plateau	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 Water System	RL-TP13						RL-TP13 RL-TP14	RL-TP13 RL-TP14	RL-TP13 RL-TP14

RL-I112 - Water Utilities

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization

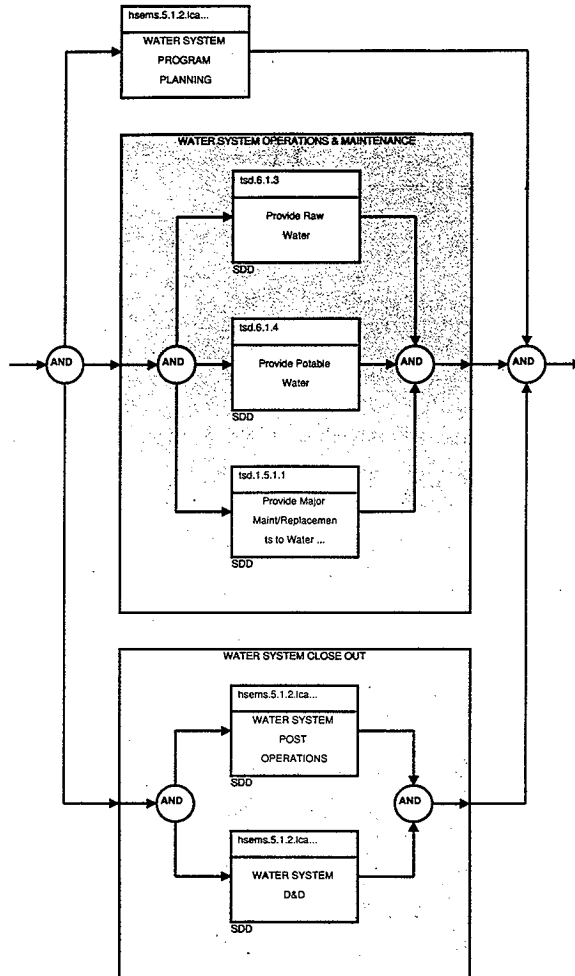


Figure B.1_3 WATER SYSTEM

B.1.1.3.3.3 Water System Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-10 Water System Life Cycle Functional Descriptions

hsems.5.1.2.lcam.6.1 WATER SYSTEM POST OPERATIONS	
tsd.2.6.1.2 Transition Water System	Provide surveillance and maintenance of obsolete Water Supply and Distribution Systems until the systems are excessed, salvaged, transferred to another entity, or demolished. The 200 East Area Water Treatment Plant will be transitioned to shutdown in FY 1999 under Project L-286 and placed in standby for disposition in the outyears.
hsems.5.1.2.lcam.6.2 WATER SYSTEM D&D	
tsd.2.7.1.2 Disposition Water System	Provide final disposition including shutdown, isolation, and hazards mitigation of Site water system facilities. Disposition of water systems will be beyond FY 2000.

Table B.1-11 Water System Life Cycle Requirements

Requirement	Function
Remove South 600 Area (300 Area and 400 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.	tsd.2.7.1.2
The Hanford Site Infrastructure shall be optimized.	tsd.1.5.1.1
Develop cost-competitive infrastructure commensurate with mission needs.	
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.	tsd.2.6.1.2
High cost surplus facilities and systems shall be transitioned to a low cost, stable, deactivated condition.	
The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.	tsd.2.6.1.2
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition	tsd.2.7.1.2
Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	tsd.2.6.1.2
Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.	tsd.2.7.1.2

B.1.1.3.3.4 Water System Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-12 Water System Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	Water System	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.3.5 Water System Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.4 Liquid Sanitary Waste System Facility**B.1.1.3.4.1 Liquid Sanitary Waste System Facility Description**

The Site liquid sanitary waste disposal system includes piping, septic tanks, pumps, soil absorption systems, Publicly Operated Treatment Works, lagoons, monitoring systems, and associated support facilities necessary for operating the system in a safe and compliant manner.

B.1.1.3.4.2 Liquid Sanitary Waste System Facility Technical Logic:

The technical logic for the Site Liquid Sanitary Waste System is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for major maintenance and replacement of liquid sanitary waste system equipment and facilities during the operations phase; post operations surveillance and maintenance, shutdown, and isolation; and final deactivation and disposition of this system and facilities. General maintenance, operations, and day to day planning of the Liquid Sanitary Waste System is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Liquid Sanitary Waste System components are assigned as follows:

Table B.1-13 Responsibility Assignment Matrix for Liquid Sanitary Waste System

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
Liquid Sanitary Waste System	RL-1113						RL-1113	RL-TP13	RL-TP13
RoR Liquid Sanitary Waste System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Liquid Sanitary Waste	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 Liquid Sanitary Waste	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14

RL-1113 - Liquid Sanitary Waste Utilities

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization

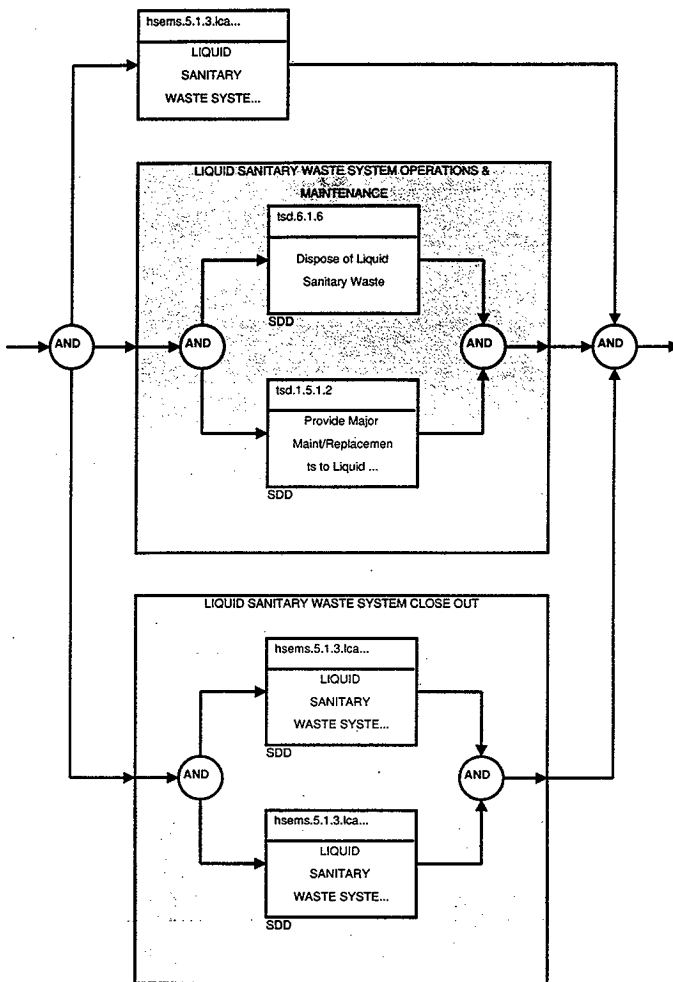


Figure B.1_4 LIQUID SANITARY WASTE SYSTEM

B.1.1.3.4.3 Liquid Sanitary Waste System Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-14 Liquid Sanitary Waste System Life Cycle Functional Descriptions

hsems.5.1.3.lcam.6 LIQUID SANITARY WASTE SYSTEM CLOSE OUT
hsems.5.1.3.lcam.6.1 LIQUID SANITARY WASTE SYSTEM POST OPERATIONS
tsd.2.6.1.3 Transition Liquid Sanitary Waste System Provide shutdown, hazard mitigation, and surveillance and maintenance of obsolete Sanitary Waste Water system and other miscellaneous waste water systems until the system is disposition. These types of systems are abandoned in place until final disposition is funded and usually requires minimal surveillance and maintenance.
hsems.5.1.3.lcam.6.2 LIQUID SANITARY WASTE SYSTEM D&D
tsd.2.7.1.3 Disposition Liquid Sanitary Waste System Provide final disposition of Site liquid sanitary waste systems and other miscellaneous waste water systems to meet Washington State regulatory requirements to assure human health and safety.

Table B.1-15 Liquid Sanitary Waste System Life Cycle Requirements

Requirement	Function
The Hanford Site Infrastructure shall be optimized. Develop cost-competitive infrastructure commensurate with mission needs. <u>Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.</u>	tsd.1.5.1.2
The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume <u>that these structures in the Landlord Project are not radiologically contaminated.</u>	tsd.2.6.1.3 tsd.2.7.1.3
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for <u>economical return to offset the final disposition.</u>	tsd.2.6.1.3
Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.	tsd.2.7.1.3

B.1.1.3.4.4 Liquid Sanitary Waste System Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-16 Liquid Sanitary Waste System Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	Liquid Sanitary Waste System	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.4.5 Liquid Sanitary Waste System Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type,

the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.5 Electrical Distribution System Facility

B.1.1.3.5.1 Electrical Distribution System Facility Description

The Site electrical system includes substations, transformers, poles, lines, rights-of-way, and associated office, storage, and shop space necessary for operating the system in a safe and compliant manner.

B.1.1.3.5.2 Electrical Distribution System Facility Technical Logic:

The technical logic for the Site Electrical Distribution System Facility is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for major maintenance and replacement of Electrical Distribution System equipment and facilities during the operations phase; post operations surveillance and maintenance, shutdown, and isolation; and final deactivation and disposition of this system and facilities. General maintenance, operations, and day to day planning of the Electrical Distribution System is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Electrical Distribution System components are assigned as follows:

Table B.1-17 Responsibility Assignment Matrix for Electrical Distribution System

Asset	Life Cycle Phase							
	Program Planning	Pre Conceptual	Conceptual	Execute			Close Out	
				Design	Construction	Turnover	O&M	Post Ops D&D
Electrical Distribution System	RL-H114						RL-H114	RL-TP13 RL-TP13
RoR Electrical Distribution System	RL-TP13						RL-TP13	RL-TP13 RL-TP13
CP Electrical Distribution System	RL-TP13						RL-TP13	RL-TP13 RL-TP13
CC Electrical Distribution	RL-TP13						RL-TP13	RL-TP13 RL-TP13
IS600 Electrical Distribution	RL-TP13						RL-TP13	RL-TP13 RL-TP13

WBS 1.5
RL-1114 - Electrical Utilities
RL-TP13 - Landlord

10 August 1998

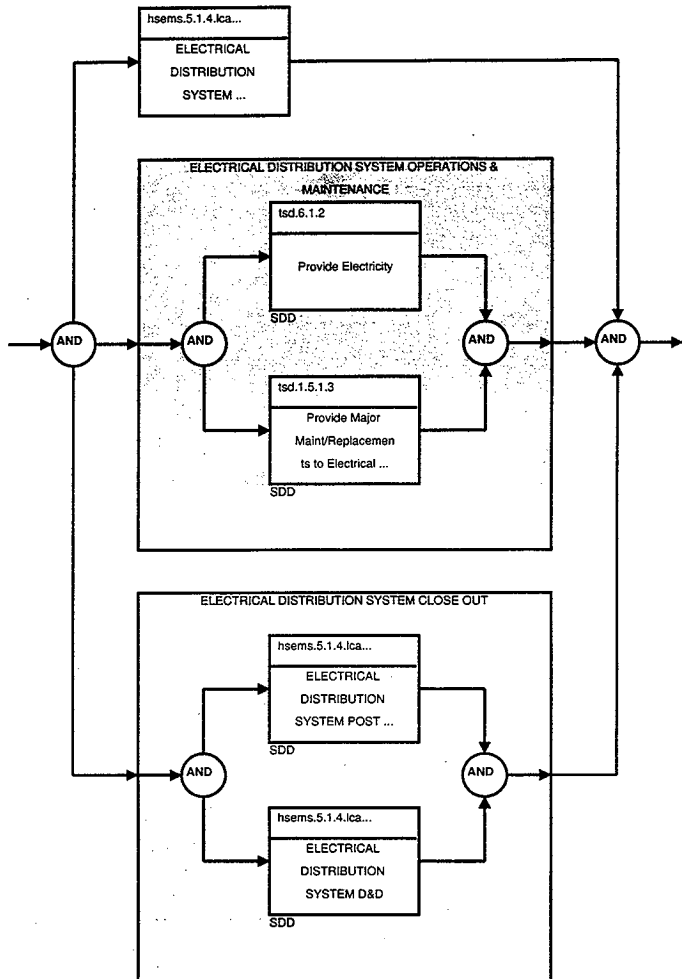


Figure B.1_5 ELECTRICAL DISTRIBUTION SYSTEM

B.1.1.3.5.3 Electrical Distribution System Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-18 Electrical Distribution System Life Cycle Functional Descriptions

hsems.5.1.4.lcam.6 ELECTRICAL DISTRIBUTION SYSTEM CLOSE OUT
hsems.5.1.4.lcam.6.1 ELECTRICAL DISTRIBUTION SYSTEM POST OPERATIONS
tsd.2.6.1.4 Transition Electrical Distribution System Provide surveillance and maintenance of obsolete Electrical Distribution Systems until the systems are excessed, salvaged, transferred to another entity, or demolished. In FY 1999 and beyond 100 Area obsolete substations will be surveilled and maintained until they are excessed or dismantled in the outyears.
hsems.5.1.4.lcam.6.2 ELECTRICAL DISTRIBUTION SYSTEM D&D
tsd.2.7.1.4 Disposition Electrical Distribution System Provide final disposition including shutdown, isolation, and hazards mitigation of Electrical Distribution Systems. Disposition of electrical distribution systems will be through excessing and salvaging equipment through economic transition. Electrical distribution buildings will be demolished or salvaged to offset the removal cost.

Table B.1-19 Electrical Distribution System Life Cycle Requirements

Requirement	Function
The Hanford Site Infrastructure shall be optimized.	tsd.1.5.1.3
Develop cost-competitive infrastructure commensurate with mission needs.	
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.	
The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.	tsd.2.6.1.4 tsd.2.7.1.4
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition	tsd.2.6.1.4
Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	
Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.	tsd.2.7.1.4

B.1.1.3.5.4 Electrical Distribution System Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-20 Electrical Distribution System Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	Electrical Distribution System	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.5.5 Electrical Distribution System Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.6 Telecommunications System Facility

B.1.1.3.6.1 Telecommunications System Facility Description

The Site telecommunications system includes wire, fiber optic cable, towers and transmission equipment, computers, radios, cameras, switches, and associated support facilities necessary for operating the system in a safe and compliant manner.

B.1.1.3.6.2 Telecommunications System Facility Technical Logic:

The technical logic for the Site Telecommunication System is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for major maintenance and replacement of the Site Telecommunication System equipment and facilities during the operations phase; post operations surveillance and maintenance, shutdown, and isolation; and final deactivation and disposition of this system and facilities. General maintenance, operations, and day to day planning of the Site Telecommunication System is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Telecommunications System components are assigned as follows:

Table B.1-21 Responsibility Assignment Matrix for Telecommunications System

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
Telecommunications System	RL-H6						RL-H6	RL-TP13	RL-TP13
RoR Telecommunications System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Telecommunications System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CC Telecommunications System	RL-TP13						RL-TP13	RL-TP13	RL-TP13

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
S600 Telecommunications System	RL-TP13						RL-TP13 RL-TP14	RL-TP13 RL-TP14	RL-TP13 RL-TP14

RL-16 - Information Resource Management

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization

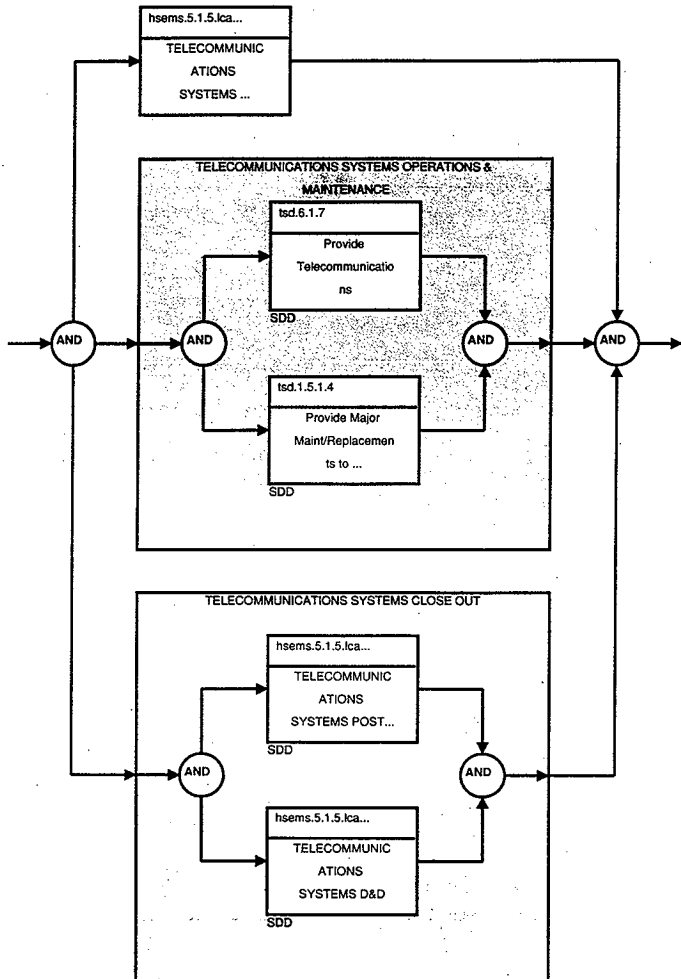


Figure B.1_6 TELECOMMUNICATIONS SYSTEMS

B.1.1.3.6.3 Telecommunications System Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-22 Telecommunications System Life Cycle Functional Descriptions

hsems.5.1.5.lcam.6.1 TELECOMMUNICATIONS SYSTEMS POST OPERATIONS	
tsd.2.6.1.5 Transition Telecommunications System	Provide surveillance and maintenance of obsolete Telecommunication Systems until the systems are excessed, salvaged, transferred to another entity, or removed. The telecommunication systems are being shutdown and equipment excessed as they are replaced.
hsems.5.1.5.lcam.6.2 TELECOMMUNICATIONS SYSTEMS D&D	
tsd.2.7.1.5 Disposition Telecommunications System	Provide final disposition of telecommunications systems. No activity is planned in FY 1999 or FY 2000, telecommunication equipment is generally removed as part of the replacement project.

Table B.1-23 Telecommunications System Life Cycle Requirements

Requirement	Function
Remove Central Core non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.	tsd.2.7.1.5
The Hanford Site Infrastructure shall be optimized.	tsd.1.5.1.4
Develop cost-competitive infrastructure commensurate with mission needs.	
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.	
Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.	tsd.2.6.1.5
Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.	tsd.2.7.1.5
The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.	tsd.2.6.1.5 tsd.2.7.1.5
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition	tsd.2.6.1.5
Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	
Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.	tsd.2.7.1.5

B.1.1.3.6.4 Telecommunications System Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-24 Telecommunications System Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	Telecommunications System	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.6.5 Telecommunications System Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.7 Sanitary Landfill Facility

B.1.1.3.7.1 Sanitary Landfill Facility Description

This facility is the Central Hanford Site sanitary solid waste landfill placed in interim closure status and is no longer used. This landfill is located southeast of the 200 East Area off Route 4S.

B.1.1.3.7.2 Sanitary Landfill Facility Technical Logic:

The technical logic for Site Sanitary Landfill is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for final closure of the landfill which will involve the placement of an impermeable cover over the landfill to preclude the migration of surface water to the waste and the vadose zone below the landfill. The Site Sanitary Waste is disposed offsite by other contractors and is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Sanitary Landfill components are assigned as follows:

Table B.1-25 Responsibility Assignment Matrix for Sanitary Landfill

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
Sanitary Landfill	(tbd)							RL-TP13	RL-TP13
Central Landfill	(tbd)							RL-TP13	RL-TP13

RL-TP13 - Landlord

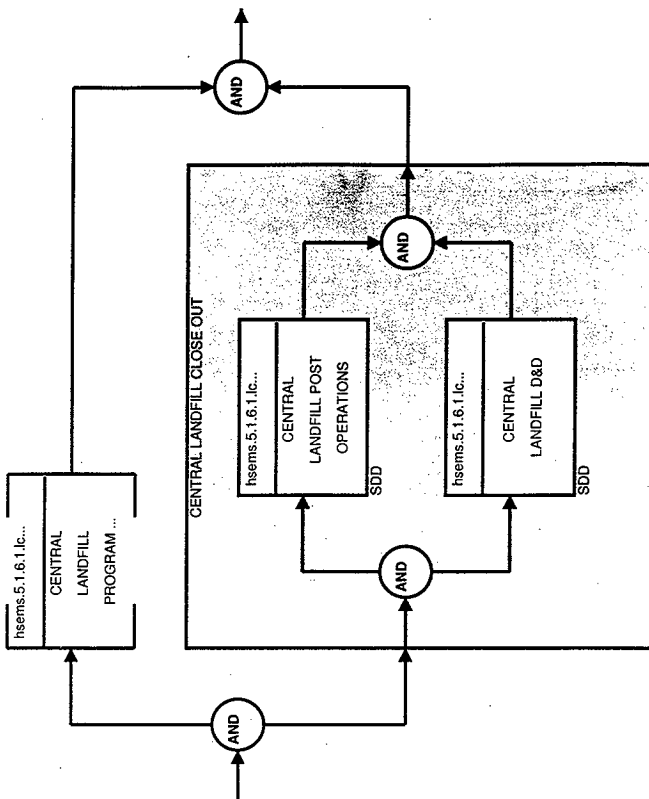


Figure B.1_7 CENTRAL LANDFILL

B.1.1.3.7.3 Sanitary Landfill Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-26 Sanitary Landfill Life Cycle Functional Descriptions

hsems.5.1.6.1.lcam.6 CENTRAL LANDFILL CLOSE OUT	
hsems.5.1.6.1.lcam.6.1 CENTRAL LANDFILL POST OPERATIONS	
hsems.5.1.6.1.lcam.6.2 CENTRAL LANDFILL D&D	
tsd.2.7.1.6.1 Perform Closure Central Landfill	Perform final closure activities for Central Landfill. In FY 1999 NEPA documentation will be prepared to allow the final closure of the Central Landfill in FY 2001. This WBS covers work necessary to support the final closure of the Central Landfill to assure contaminants do not reach the groundwater.

B.1.1.3.7.4 Sanitary Landfill Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-28 Sanitary Landfill Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	Sanitary Landfill	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.7.5 Sanitary Landfill Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.8 Emergency Services Facility

B.1.1.3.8.1 Emergency Services Facility Description

This facility consists of emergency services buildings and structures at Hanford. These facilities are located in the 100, 200, 300, and 400 Areas.

B.1.1.3.8.2 Emergency Services Facility Technical Logic:

The technical logic for Emergency Services is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for major maintenance and replacement of Emergency Services during the operations phase; post operations surveillance and maintenance, shutdown, and isolation; and final deactivation and disposition of this system and facilities. General maintenance, operations, and day to day planning of Emergency Services is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Emergency Services components are assigned as follows:

Table B.1-29 Responsibility Assignment Matrix for Emergency Services

Asset	Life Cycle Phase							
	Program Planning	Pre Conceptual	Conceptual	Execute			Close Out	
				Design	Construction	Turnover	O&M	Post Ops D&D
Emergency Services	RL-14						RL-14	RL-TP13 RL-TP13
RoR Emergency Services	RL-TP13						RL-14 RL-TP13	RL-TP13 RL-TP13
CP Emergency Services	RL-TP13						RL-14 RL-TP13	RL-TP13 RL-TP13
S&O Emergency Services	RL-TP13						RL-14 RL-TP13	RL-TP13 RL-TP13

RL-14 - Fire Protection Program
RL-TP13 - Landlord

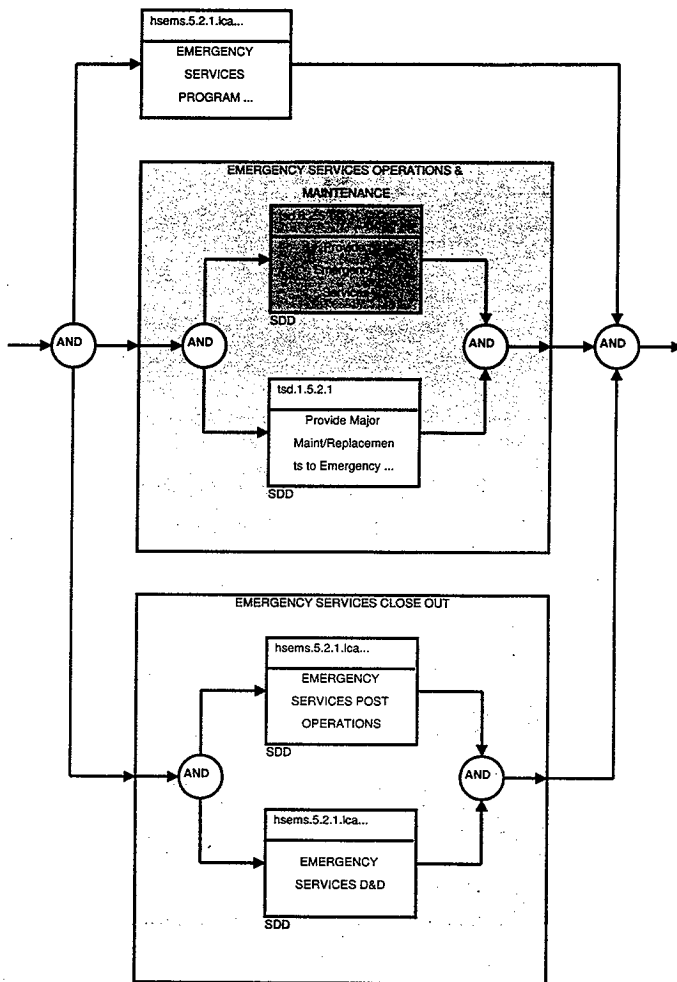


Figure B.1_8 EMERGENCY SERVICES

B.1.1.3.8.3 Emergency Services Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-30 Emergency Services Life Cycle Functional Descriptions

hsems.5.2.1.icam.6 EMERGENCY SERVICES CLOSE OUT
hsems.5.2.1.icam.6.1 EMERGENCY SERVICES POST OPERATIONS
tsd.2.6.2.1 Transition Emergency Services Provide surveillance and maintenance of surplus Hanford emergency services facilities until dispositioned.
hsems.5.2.1.icam.6.2 EMERGENCY SERVICES D&D
tsd.2.7.2.1 Disposition Emergency Services Provide final disposition including shutdown, isolation, hazards mitigation of Hanford Site emergency services facilities.

Table B.1-31 Emergency Services Life Cycle Requirements

Requirement	Function
The Hanford Site Infrastructure shall be optimized. Develop cost-competitive infrastructure commensurate with mission needs. Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.	tsd.1.5.2.1
The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.	tsd.2.6.2.1 tsd.2.7.2.1
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	tsd.2.6.2.1
Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.	tsd.2.7.2.1

B.1.1.3.8.4 Emergency Services Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-32 Emergency Services Boundary Diagram

External Interfaces	Emergency Services	External Interfaces
-None- Hanford Site Environmental System Interfaces -None-		-None- Hanford Site Environmental System Interfaces -None-

B.1.1.3.8.5 Emergency Services Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.9 General Purpose Offices Facility

B.1.1.3.9.1 General Purpose Offices Facility Description

This facility consists of general purpose office buildings, security building, and other miscellaneous personnel facilities located throughout the Hanford Site.

B.1.1.3.9.2 General Purpose Offices Facility Technical Logic:

The technical logic for General Purpose Offices is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for major maintenance and replacement of General Purpose Office facilities during the operations phase; post operations surveillance and maintenance, shutdown, and isolation; and final deactivation and disposition of this system and facilities. General maintenance, operations, and day to day planning of General Purpose Offices is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the General Purpose Offices components are assigned as follows:

Table B.1-33 Responsibility Assignment Matrix for General Purpose Offices

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
General Purpose Offices	RL-113						RL-113	RL-TP13	RL-TP13
CP General Purpose Office	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 General Purpose Office	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14

RL-113 - General Purpose Facilities

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization

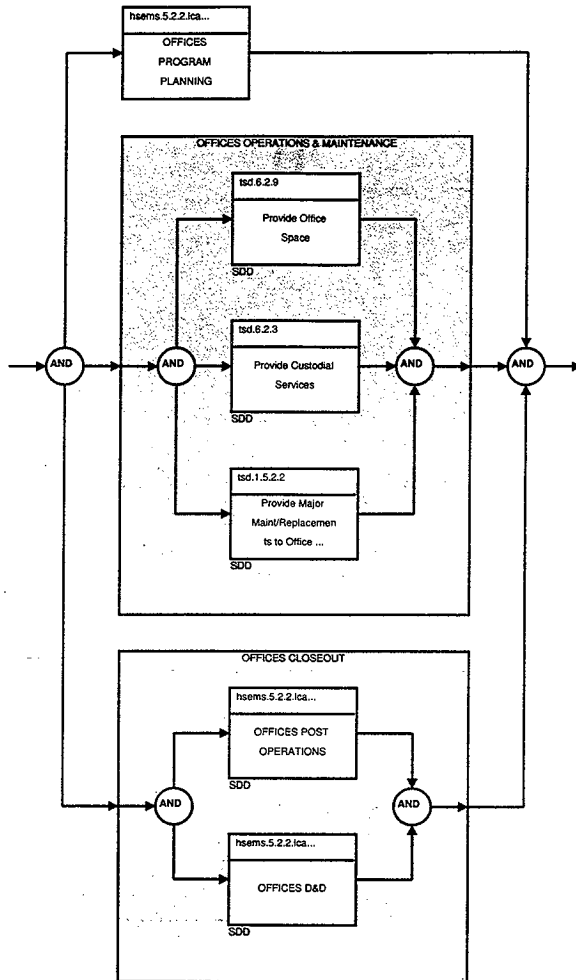


Figure B.1_9 OFFICES

B.1.1.3.9.3 General Purpose Offices Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-34 General Purpose Offices Life Cycle Functional Descriptions

hsems.5.2.2.lcam.6.1 OFFICES POST OPERATIONS	
tsd.2.6.2.2 Transition Offices	Deactivate and prepare the Hanford office facilities ready for disposition.
hsems.5.2.2.lcam.6.2 OFFICES D&D	
tsd.2.7.2.2 Disposition Offices	Provide final disposition including shutdown, isolation, and hazard mitigation of General Purpose Office Facilities.

Table B.1-35 General Purpose Offices Life Cycle Requirements

Requirement	Function
The Hanford Site Infrastructure shall be optimized.	tsd.1.5.2.2
Develop cost-competitive infrastructure commensurate with mission needs.	
<u>Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.</u>	tsd.2.7.2.2
Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.	
The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.	tsd.2.6.2.2 tsd.2.7.2.2
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition	tsd.2.6.2.2
Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	

B.1.1.3.9.4 General Purpose Offices Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-36 General Purpose Offices Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	General Purpose Offices	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.9.5 General Purpose Offices Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.10 General Purpose Shops Facility

B.1.1.3.10.1 General Purpose Shops Facility Description

This facility consists of general purpose shop buildings located primarily in the 200 and 300 Areas of the Hanford Site.

B.1.1.3.10.2 General Purpose Shops Facility Technical Logic:

The technical logic for General Purpose Shops is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for major maintenance and replacement of General Purpose Shops equipment and facilities during the operations phase; post operations surveillance and maintenance, shutdown, and isolation; and final deactivation and disposition of this system and facilities. General maintenance, operations, and day to day planning of General Purpose Shops is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the General Purpose Shops components are assigned as follows:

Table B.1-37 Responsibility Assignment Matrix for General Purpose Shops

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
General Purpose Shops	RL-I14						RL-I14	RL-TP13	RL-TP13
CP General Purpose Shop	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 General Purpose Shop	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14

RL-I14 - Infrastructure Services

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization

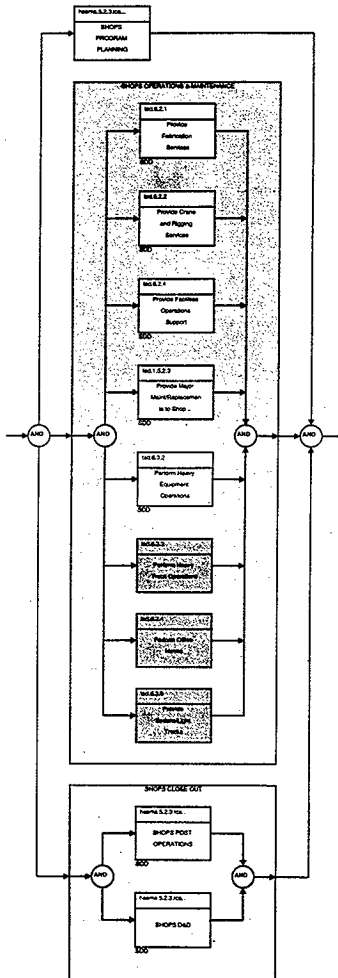


Figure B.1_10 SHOPS

B.1.1.3.10.3 General Purpose Shops Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-38 General Purpose Shops Life Cycle Functional Descriptions

hsems.5.2.3.lcam.6 SHOPS CLOSE OUT	
hsems.5.2.3.lcam.6.1 SHOPS POST OPERATIONS	
tsd.2.6.2.3 Transition Shops	Provide surveillance and maintenance of surplus Hanford shop facilities until dispositioned.
hsems.5.2.3.lcam.6.2 SHOPS D&D	
tsd.2.7.2.3 Disposition Shops	Provide final disposition including shutdown, isolation, and hazards mitigation of General Purpose Shop Facilities.

Table B.1-39 General Purpose Shops Life Cycle Requirements

Requirement	Function
Remove South 600 Area (300 Area and 400 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.	tsd.2.7.2.3
The Hanford Site Infrastructure shall be optimized.	tsd.1.5.2.3
Develop cost-competitive infrastructure commensurate with mission needs.	
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.	tsd.2.6.2.3
Facilities and systems shall be made available for other uses.	
Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.	tsd.2.7.2.3
The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.	tsd.2.6.2.3
	tsd.2.7.2.3
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition	tsd.2.6.2.3
Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	

B.1.1.3.10.4 General Purpose Shops Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-40 General Purpose Shops Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	General Purpose Shops	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.10.5 General Purpose Shops Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.11 General Purpose Warehouses Facility

B.1.1.3.11.1 General Purpose Warehouses Facility Description

This facility consists of general purpose warehouse/storage buildings and associated structures at Hanford.

B.1.1.3.11.2 General Purpose Warehouses Facility Technical Logic:

The technical logic for General Purpose Warehouses is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for major maintenance and replacement of General Purpose Warehouses equipment and facilities during the operations phase; post operations surveillance and maintenance, shutdown, and isolation; and final deactivation and disposition of this system and facilities. General maintenance, operations, and day to day planning of General Purpose Warehouses is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the General Purpose Warehouses components are assigned as follows:

Table B.1-41 Responsibility Assignment Matrix for General Purpose Warehouses

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
General Purpose Warehouses	RL-I7						RL-I7	RL-TP13	RL-TP13
CP General Purpose Warehouse	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 General Purpose Warehouse	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14

RL-I7 - Asset Management
RL-TP13 - Landlord



B.1.1.3.11.3 General Purpose Warehouses Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-42 General Purpose Warehouses Life Cycle Functional Descriptions

hsems.5.2.4.lcam.6.1 WAREHOUSES POST OPERATIONS	
tsd.2.6.2.4 Transition Warehouses	Provide surveillance and maintenance of surplus general purpose warehouse facilities until they are excessed, salvaged, converted into another function, transferred to another entity, or demolished.
hsems.5.2.4.lcam.6.2 WAREHOUSES D&D	
tsd.2.7.2.4 Disposition Warehouses	Provide final disposition including shutdown, isolation, and hazards mitigation of Hanford Site general purpose Warehouses..

Table B.1-43 General Purpose Warehouses Life Cycle Requirements

Requirement	Function
Remove South 600 Area (300 Area and 400 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.	tsd.2.7.2.4
The Hanford Site Infrastructure shall be optimized. Develop cost-competitive infrastructure commensurate with mission needs. Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.	tsd.1.5.2.4
Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.	tsd.2.7.2.4
The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.	tsd.2.6.2.4 tsd.2.7.2.4
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	tsd.2.6.2.4

B.1.1.3.11.4 General Purpose Warehouses Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-44 General Purpose Warehouses Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	General Purpose Warehouses	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.11.5 General Purpose Warehouses Interface Descriptions and Summary Level Forecasts

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This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.12 Environmental Support Facility

B.1.1.3.12.1 Environmental Support Facility Description

This Environmental Support Facility is a grouping of buildings, structures, and equipment that provide support to environmental work at the Hanford Site conducted for the Department of Energy.

B.1.1.3.12.2 Environmental Support Facility Facility Technical Logic:

The technical logic for Environmental Support Facilities is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for major maintenance and replacement of Environmental Support Facilities equipment and facilities during the operations phase; post operations surveillance and maintenance, shutdown, and isolation; and final deactivation and disposition of this system and facilities. General maintenance, operations, and day to day planning of Environmental Support Facilities is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Environmental Support Facility components are assigned as follows:

Table B.1-45 Responsibility Assignment Matrix for Environmental Support Facility

Asset	Life Cycle Phase							
	Program Planning	Pre Conceptual	Conceptual	Execute			Close Out	
				Design	Construction	Turnover	O&M	
Environmental Support Facility	RL-ST01						RL-ST01 RL-TP13	RL-TP13 D&D

RL-ST01 - PNWL Waste Management
RL-TP13 - Landlord

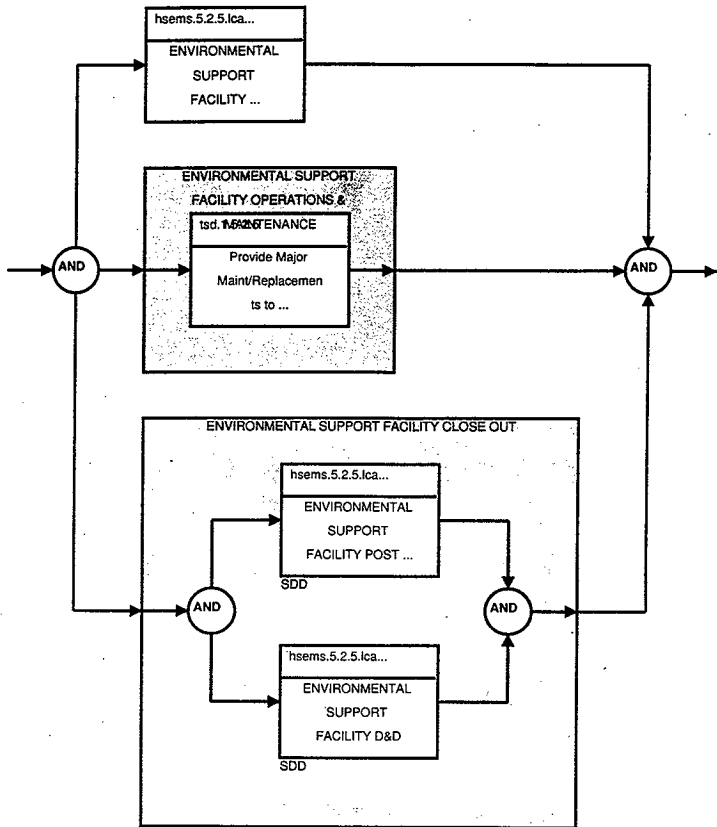


Figure B.1_12 ENVIRONMENTAL SUPPORT FACILITY

B.1.1.3.12.3 Environmental Support Facility Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-46 Environmental Support Facility Life Cycle Functional Descriptions

hsems.5.2.5.lcam.5 ENVIRONMENTAL SUPPORT FACILITY OPERATIONS & MAINTENANCE	
tsd.1.5.2.5 Provide Major Maint/Replacements to Environmental Support Facility Provide Major Maint/Replacements to Environmental Support Facility (i.e. Hanford Meteorological Station, etc.)	
hsems.5.2.5.lcam.6.1 ENVIRONMENTAL SUPPORT FACILITY POST OPERATIONS	
tsd.2.6.2.5 Transition Environmental Support Facility Provide surveillance and maintenance of surplus environmental support facilities (i.e. meteorological weather station) until they are excessed, salvaged, converted into another function transferred to another entity or demolished.	
hsems.5.2.5.lcam.6.2 ENVIRONMENTAL SUPPORT FACILITY D&D	
tsd.2.7.2.5 Disposition Environmental Support Facility Provide final disposition including shutdown, isolation, and hazards mitigation of Hanford Site environmental support facilities.	

Table B.1-47 Environmental Support Facility Life Cycle Requirements

Requirement	Function
Remove Central Plateau (200 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.	tsd.2.7.2.5
The Hanford Site Infrastructure shall be optimized.	tsd.1.5.2.5
Develop cost-competitive infrastructure commensurate with mission needs.	
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.	tsd.2.6.2.5
Facilities and systems shall be made available for other uses.	
Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.	tsd.2.7.2.5
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition	tsd.2.6.2.5
Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	

B.1.1.3.12.4 Environmental Support Facility Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-48 Environmental Support Facility Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	Environmental Support Facility	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
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B.1.1.3.12.5 Environmental Support Facility Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.13 Road System Facility

B.1.1.3.13.1 Road System Facility Description

This facility consists of common site main and access roads and major parking areas.

B.1.1.3.13.2 Road System Facility Technical Logic:

The technical logic for the Road System is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the facility and the sequence in which the functions are executed. The Landlord Project is responsible for major maintenance and replacement of the Road System equipment and facilities during the operations phase; post operations surveillance and maintenance, shutdown, and isolation; and final deactivation and disposition of this system and facilities. The Landlord Project is also responsible for the final disposition of regulated heavy mobile equipment under the Equipment Disposition Project. General maintenance, operations, and day to day planning of the Road System is not a function of the Landlord Project.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Road System components are assigned as follows:

Table B.1-49 Responsibility Assignment Matrix for Road System

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
Road System	RL-I121						RL-I121	RL-TP13	RL-TP13
RoR Road System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Road System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CC Road System	RL-TP13						RL-TP13	RL-TP13	RL-TP13

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
S600 Road System	RL-TP13						RL-TP13 RL-TP14	RL-TP13 RL-TP14	RL-TP13 RL-TP14

RL-1121 - Roadway Maintenance

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization

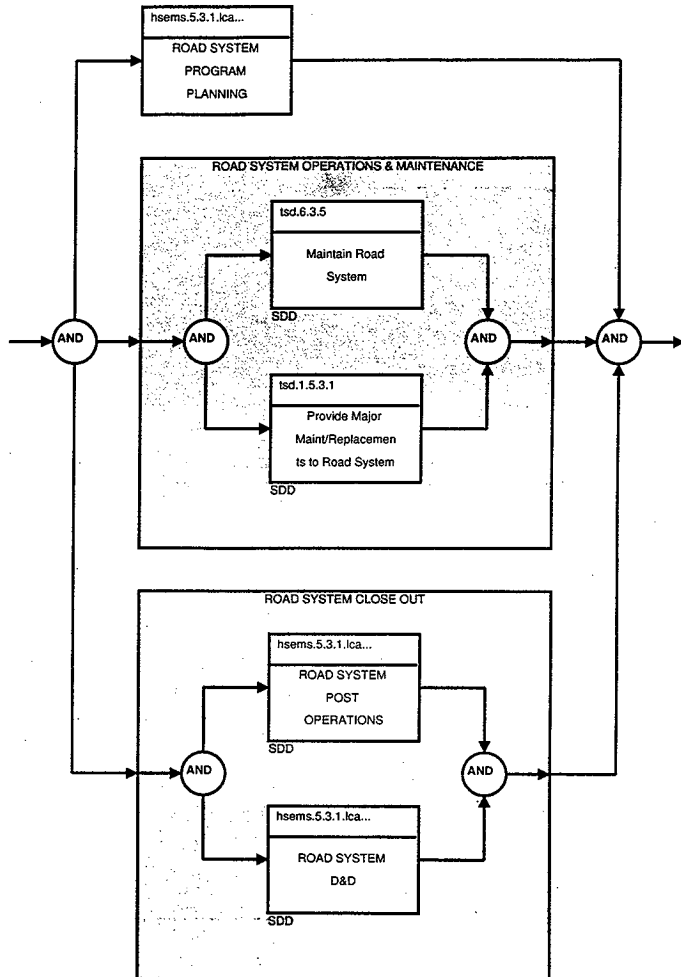


Figure B.1_13 ROAD SYSTEM

B.1.1.3.13.3 Road System Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-50 Road System Life Cycle Functional Descriptions

hsems.5.3.1.lcam.6 ROAD SYSTEM CLOSE OUT
hsems.5.3.1.lcam.6.1 ROAD SYSTEM POST OPERATIONS
tsd.2.6.3.1 Transition Road System Deactivate and make the Hanford road systems ready for disposition.
hsems.5.3.1.lcam.6.2 ROAD SYSTEM D&D
tsd.2.7.3.1 Disposition Road System and Heavy Mobile Equipment Provide final disposition including hazards mitigation of Site Roads and regulated heavy mobile equipment once they are no longer needed to support the Hanford Mission. Between FY 1997 and FY 2006 disposition regulated heavy mobile equipment to reduce hazards to workers and the environment.

Table B.1-51 Road System Life Cycle Requirements

Requirement	Function
The Hanford Site Infrastructure shall be optimized.	tsd.1.5.3.1
Develop cost-competitive infrastructure commensurate with mission needs.	
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.	
Facilities and systems shall be made available for other uses.	tsd.2.6.3.1
Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.	tsd.2.6.3.1
Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.	tsd.2.7.3.1
The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.	tsd.2.6.3.1
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition	tsd.2.6.3.1
Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	

B.1.1.3.13.4 Road System Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-52 Road System Boundary Diagram

External Interfaces	Road System	External Interfaces
-None-		-None-
Hanford Site Environmental System Interfaces		Hanford Site Environmental System Interfaces
-None-		-None-

B.1.1.3.13.5 Road System Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.14 Rail System Facility

B.1.1.3.14.1 Rail System Facility Description

This facility consists of railroad track, rail maintenance buildings and equipment, and DOE-owned rolling stock at Hanford. The South 600 Area track will be transferred to the Port of Benton and facilities will be transitioned to private ownership by September 30, 1998. The remaining rail system will be deactivated by September 30, 1998 for future transfer to an offsite entity.

B.1.1.3.14.2 Rail System Facility Technical Logic:

The technical logic for the Site Rail System Facility is captured in the facilities function flow block diagram which shows the functions performed for each applicable life cycle of the sequence in which the functions are executed. The Landlord Project is responsible for the final transferred of the Railroad System and equipment to a private entity and the final disposition of surplus regulated rail equipment.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Rail System components are assigned as follows:

Table B.1-53 Responsibility Assignment Matrix for Rail System

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
Rail System	RL-1122						RL-1122	RL-TP13	RL-TP13
RoR Rail System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Rail System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CC Rail System	RL-TP13						RL-TP13	RL-TP13	RL-TP13

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Asset	Life Cycle Phase								
	Program Planning	Pra Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	O&D
S600 Rail System	RL-TP13						RL-TP13	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14

RL-1122 - Rail Operations & Maintenance

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization

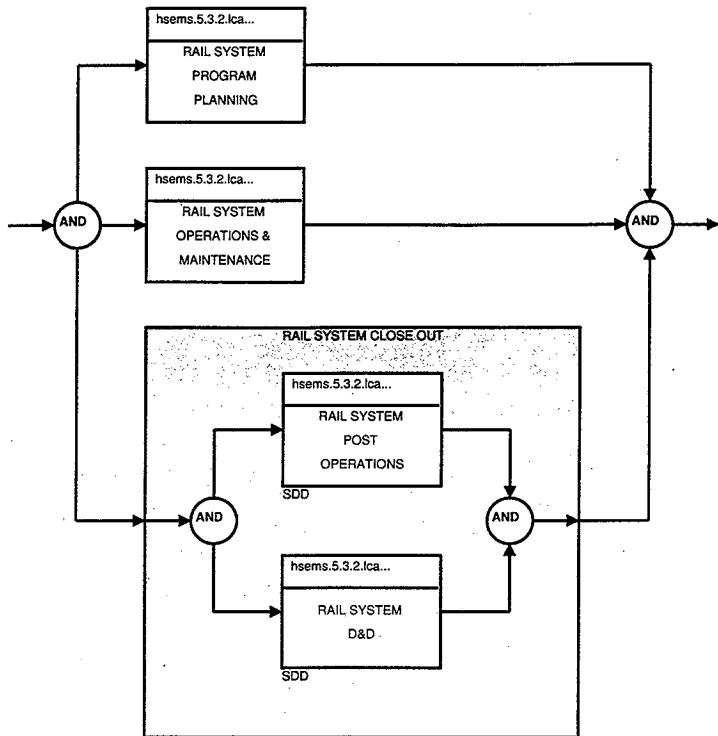


Figure B.1_14 RAIL SYSTEM

B.1.1.3.14.3 Rail System Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-54 Rail System Life Cycle Functional Descriptions

hsems.5.3.2.1cam.6.1 RAIL SYSTEM POST OPERATIONS	
tsd.2.6.3.2 Transition Rail System	Deactivate and make the Hanford rail systems ready for disposition. In FY 1998 the railroad south of the Supply System is being excessed and transferred to the Port of Benton. The remainder of the rail system will be deactivated and transitioned in the out years.
hsems.5.3.2.1cam.6.2 RAIL SYSTEM D&D	
tsd.2.7.3.2 Disposition Rail System	Provide final disposition of the Hanford Site Railroad System, including railcars, once the Department of Energy declares these systems excess and no longer needed to support the Site Mission. In FY 1998 the Hanford Site Railroad is being shutdown and deactivated and the section South of the Supply System excessed and transferred to the Port of Benton.

Table B.1-55 Rail System Life Cycle Requirements

Requirement	Function
Facilities and systems shall be made available for other uses.	tsd.2.6.3.2
Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.	tsd.2.6.3.2
Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.	tsd.2.7.3.2
High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.	tsd.2.6.3.2

B.1.1.3.14.4 Rail System Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-56 Rail System Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	Rail System	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
---	-------------	---

B.1.1.3.14.5 Rail System Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

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OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.3.15 Land Facility

B.1.1.3.15.1 Land Facility Description

This major asset consists of all Hanford land, including rights-of-way, easements, quit claims, zoning, offsets, culturally sensitive areas, and ecologically sensitive areas.

B.1.1.3.15.2 Land Facility Technical Logic:

The Department of Energy (DOE), in partnership with its contractors, shall plan, acquire, operate, maintain, and dispose of physical assets as valuable national resources. Stewardship of these physical assets shall be accomplished in a cost-effective manner to meet the DOE mission. This shall incorporate industry standards, a graded approach, and performance objectives.

This diagram displays the primary work activities (functions) that are performed in each life cycle phase of this facility. The diagram also reflects the technical logic (functional flow) for the facility through its remaining life cycle phases.

Project responsibility for the life cycle phases of the Land components are assigned as follows:

Table B.1-57 Responsibility Assignment Matrix for Land

Asset	Life Cycle Phase								
	Program Planning	Pre Conceptual	Conceptual	Execute			O&M	Close Out	
				Design	Construction	Turnover		Post Ops	D&D
Land	RL-TP13						RL-TP13	RL-TP13	RL-TP13
RoR Land	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CP Land	RL-TP13						RL-TP13	RL-TP13	RL-TP13
CC Land	RL-TP13						RL-TP13	RL-TP13	RL-TP13
S600 Land	RL-TP13						RL-TP13 RL-TP14	RL-TP13 RL-TP14	RL-TP13 RL-TP14

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization

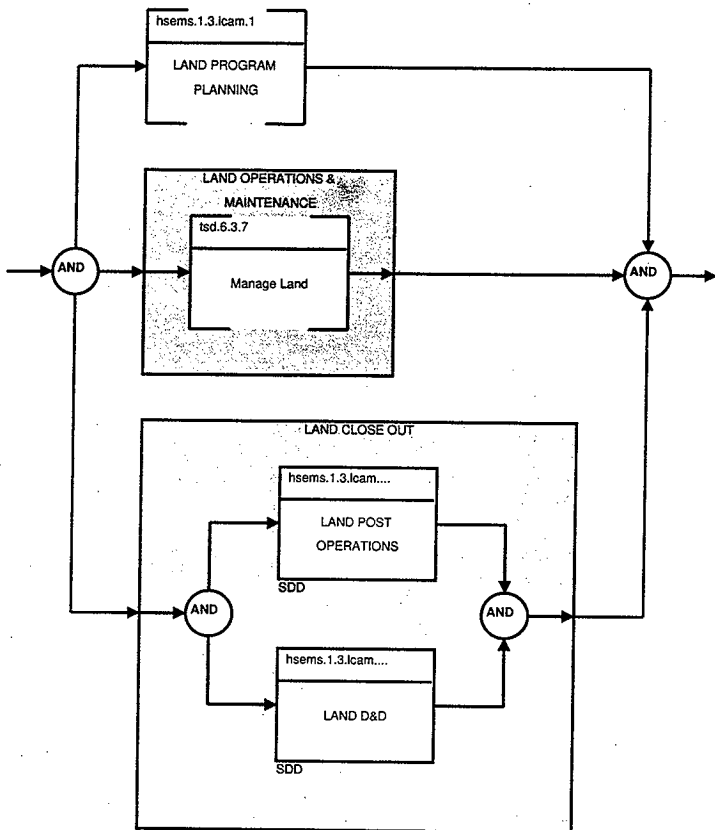


Figure B.1_15 LAND

B.1.1.3.15.3 Land Life Cycle Functional Descriptions and Requirements

The Life Cycle Functional Descriptions table describes the life cycle phases and the functions performed during each phase. The Life Cycle Requirements table describes the requirements that trace to the functions listed in the Life Cycle Functional Descriptions table.

Table B.1-58 Land Life Cycle Functional Descriptions

hsems.1.3.lcam.1 LAND PROGRAM PLANNING
hsems.1.3.lcam.5 LAND OPERATIONS & MAINTENANCE
tsd.6.3.7 Manage Land Integrate the use of land at Hanford -- for the overall site, individual operating areas, and specific parcels of land through: - Strategic planning/performance agreement monitoring/customer needs & requirements; - Sitewide systems integration; Investigation/recommendation/implementation; - Interface/conflict resolution/consensus building; - Project definition and management; - Resource protection; - Institutional control and records management; - Asset conversion/excess facilities management; - Promote land as a strategic asset; - Coordinate a site wide mapping service to best utilize utility corridors.
hsems.1.3.lcam.6.1 LAND POST OPERATIONS
tsd.2.6.3.3 Transition Land Surveil and maintain the Hanford land until dispositioned.
hsems.1.3.lcam.6.2 LAND D&D
tsd.2.7.3.3 Disposition Land Provide final disposition of the cleaned land on the Hanford Site.

Table B.1-59 Land Life Cycle Requirements

Requirement	Function
The Hanford Site Infrastructure shall be optimized.	tsd.2.7.3.3
Develop cost-competitive infrastructure commensurate with mission needs.	tsd.6.3.7
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.	
Facilities and systems shall be made available for other uses.	tsd.2.6.3.3
Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.	tsd.2.6.3.3
Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.	tsd.2.7.3.3
Hanford land use planning and management shall ensure that site lands are maintained in a safe, secure, environmentally sound, and cost-effective manner.	tsd.6.3.7
The contractor shall 1) Provide real property management through execution of leases, permits, easements, and land disposition. This task excludes the leasing of commercial office space which is a task included in the Management and Maintenance of General Purpose Office Space. (See Section C.4.B(2)(c) above); and 2) Support DOE Land-use Planning and Management. in making determinations about present and future land use at the Hanford Site.	tsd.6.3.7

B.1.1.3.15.4 Land Boundary Diagram

This section identifies the other facilities (onsite and offsite) that have an interface (either input or output) with this facility.

Table B.1-60 Land Boundary Diagram

External Interfaces -None- Hanford Site Environmental System Interfaces -None-	Land	External Interfaces -None- Hanford Site Environmental System Interfaces -None-
---	------	---

B.1.1.3.15.5 Land Interface Descriptions and Summary Level Forecasts

This section contains the material, waste, and infrastructure forecasts for this facility. It identifies the interface type, the period of time for the forecasts, the life cycle total forecast value, and the execution year forecast quantity.

OFFSITE INPUTS

-None-

ONSITE INPUTS

-None-

OFFSITE OUTPUTS

-None-

ONSITE OUTPUTS

-None-

B.1.1.4 Drivers for Landlord**Table B.1-61 Source Documents for Landlord**

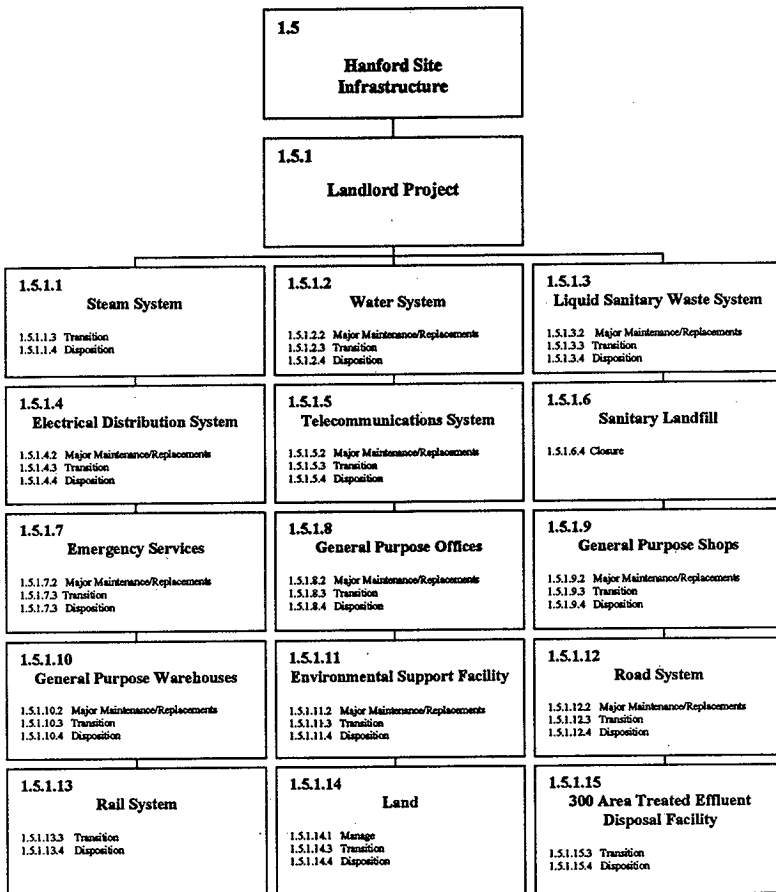
<u>Name</u>	<u>Title</u>
DE-AC06-96RL13200	Project Hanford Management Contract, Fluor Daniel Hanford, Inc.
DOE/EIS-0222D	Draft Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan
DOE/RL-96-92	Hanford Strategic Plan

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

B.1.2.0 Work Breakdown Structure



LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

B.2.3 Landlord Responsibility Matrix

RL WBS	CAPN	Description	Tech Rep
1.05		Landlord Project	
n/a	n/a	RL-Contracts	Ortiz, S
n/a	n/a	PNNL - Replace Sanitary and Process Water Piping 325 Building	Danch, D / Herman, G
1.05.01.01		Steam System	
1.05.01.01.03.19	1F1MAE	Surveillance/Maintenance of Vacant Facilities - Powerhouses	Mattair, S
1.05.01.02		Water System	
1.05.01.02.02.03.01	1F2W8B	L-286, Sanitary Water Plant Effluent Stream Reduction (expense)	Roosendaal, G / Diebel, J
1.05.01.02.02.07	1F2W9A	Back Flow Preventors (283E & 283W)	Roosendaal, G / Diebel, J
1.05.01.02.02.14.01	1F2W9B	L-291, Sanitary Water and Sewer to PTA (expense)	Day, J / Diebel, J
1.05.01.02.02.14.02	4F2W9B	L-291, Sanitary Water and Sewer to PTA (capital)	Day, J / Diebel, J
1.05.01.02.02.05.01	1F2W9C	L-299, 300 Area Water Plant Chlorine System Modification (expense)	
1.05.01.02.02.05.02	4F2W8C	L-299, 300 Area Water Plant Chlorine System Modification (capital)	
1.05.01.03		Liquid Sanitary Waste System	
1.05.01.03.02.02.01	1F2S8A	L-281, 200 West Regional Drainfield (expense)	Day, J / Diebel, J
1.05.01.03.02.02.02	4F2S8A	L-281, 200 West Regional Drainfield (carryover & new BA)	Day, J / Diebel, J
1.05.01.03.04.15	1F2SAA	Closure of Abandon Septic Systems	Diebel, J
1.05.01.03.04.16	1F2DAA	Plan to Disposition Waste Sites	Dixon, B
1.05.01.03.04.16	1F2DAA	Plan to Disposition 384 Powerhouse Fuel Tanks	
1.05.01.04		Electrical Distribution system	
1.05.01.04.03.19	1F1MAD	Surveillance/Maintenance of Vacant Facilities - Electrical Substations	Mattair, S
1.05.01.05		Telecommunications System	
1.05.01.05.02.13.01	1F2T9A	L-294 Broadband End-of-Life Conversion (expense)	Diebel, J
1.05.01.05.02.13.02	4F2T9A	L-294 Broadband End-of-Life Conversion (capital) (0% contingency)	Diebel, J
1.05.01.05.04.30	1F1DAA	Underground Storage Tanks Replacement/Disposition (LMSI)	Diebel, J

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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B.2.3 Landlord Responsibility Matrix

RL WBS	CAPN	Description	Tech Rep
1.04.01.06		Sanitary Landfill	
1.05.01.06.04.01.01	1F2C9D	Landfill Closure Plan (prep for FY 2001)	Dixon, B
1.06.01.07		Emergency Services	
1.05.01.07.02.04	1F2F9A	L-292 Install & Re-configure Emergency Preparedness Control Station	Diebel, J / Debusk, R
1.05.01.07.02.06	1F2F9B	L-293 Emergency Preparedness System Upgrades	Diebel, J / Debusk, R
1.05.01.07.02.08	2F2F9D	Procure (2) Ambulance 932, 68G-3886 & 922, 68G-3887 (1987)	Hayes, W
1.05.01.07.02.09	1F2F9E	400 Area Fire Station Renovations (10%)	Hayes, W
1.05.01.07.02.10	2F2F9R	Eng-912, 68D-3873 Fire Engine Pumper (1979)	Hayes, W
1.05.01.07.02.10	2F2F9R	Eng-942, 68D-3874 Fire Engine Pumper (1979)	Hayes, W
1.05.01.07.02.11.01	1F2F9C	Project L-270, Emergency Services Renovation (200 Area) - Preliminary Design (exp)	Hayes, W / Diebel, J
1.05.01.07.02.11.02	4F2F9C	Project L-270, Emergency Services Renovation (200 Area) - Design (capital)	Hayes, W / Diebel, J
1.05.01.08		General Purpose Offices	
1.05.01.08.02	1F2AAA	Program Management /Fee/Project Support	Danch, D
1.05.01.08.03.19	1F1MAA	Surveillance/Maintenance of Vacant Facilities - Office Buildings	Mattair, S
1.05.01.08.03.20	1F1MAF	Utility Isolation Infrastructure Buildings - Office Buildings	Mattair, S
1.05.01.08.03.21	1F1MAJ	Shutdown of Infrastructure Buildings	Mattair, S
1.06.01.09		General Purpose Shops	
1.05.01.09.03.19	1F1MAB	Surveillance/Maintenance of Vacant Facilities - Shops	Mattair, S
1.05.01.09.03.20	1F1MAG	Utility Isolation Infrastructure Buildings - Shops	Mattair, S
		General Purpose Warehouses	
1.05.01.10.03.19	1F1MAC	Surveillance/Maintenance of Vacant Facilities - Warehouses	Mattair, S
1.05.01.10.03.20	1F1MAH	Utility Isolation Infrastructure Buildings - Warehouses	Mattair, S
1.09.01.11		Environmental Support Facility	

LANDLORD PROJECT
WBS 1.5

FY 1999 Work Plan

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B.2.3 Landlord Responsibility Matrix

RL WBS	CAPN	Description	Tech Rep
1.05.01.12		Road Systems	
1.05.01.12.02.22.01	1F2RAA	L-298 Road Refurbishment (includes hauling impacts)	Diebel, J
1.05.01.12.04.18.04	1F3XAD	L-297 EDP - Disposition 2 Air Compressors 13-16377 & 13-16382	Brown, M
1.05.01.12.04.18.05	1F3XAE	L-297 EDP - Disposition Crane 17T-19959	Brown, M
1.05.01.13		Rail System	
1.05.01.13		RL Contract with ATG Cost to Disposition Well Car	Brown, M
1.05.01.13.04.18.01	1F3XAA	L-297 EDP - Temporary Enclosure/Disposition Definitive Design Stage	Brown, M
1.05.01.13.04.18.02	1F3XAB	L-297 EDP - Well Car Disposition	Brown, M
1.05.01.13.04.18.03	1F3XAC	L-297 EDP -10H-18581 Tank Car Disposition	Brown, M
1.05.01.14		Land	
1.05.01.14.01.17	1F2HAA	CAMIS Mapping Services (Minimum Required)	Hayenga, J
1.05.01.14.03.12	1F2ZAA	Land Use Planning/Asset Conversion	Yancey, E
1.05.01.15		300 Area Treated Effluent Disposal Facility	

B.1.2.0 Landlord Work Breakdown Structure (WBS)

B.1.2.1 Landlord WBS Hierarchy

RL PBS	RL WBS	Title
RL-TP13	1.05.01	Landlord
	1.05.01.01	Steam System
	1.05.01.01.03	Transition Steam System
	1.05.01.01.04	Disposition Steam System
	1.05.01.02	Water System
	1.05.01.02.02	Provide Major Maint/Replacements to Water System
	1.05.01.02.03	Transition Water System
	1.05.01.02.04	Disposition Water System
	1.05.01.03	Liquid Sanitary Waste System
	1.05.01.03.02	Provide Major Maint/Replacements to Liquid Sanitary Waste System
	1.05.01.03.03	Transition Liquid Sanitary Waste System
	1.05.01.03.04	Disposition Liquid Sanitary Waste System
	1.05.01.04	Electrical Distribution System
	1.05.01.04.02	Provide Major Maint/Replacements to Electrical Distribution System
	1.05.01.04.03	Transition Electrical Distribution System
	1.05.01.04.04	Disposition Electrical Distribution System
	1.05.01.05	Telecommunications System
	1.05.01.05.02	Provide Major Maint/Replacements to Telecommunications System
	1.05.01.05.03	Transition Telecommunications System
	1.05.01.05.04	Disposition Telecommunications System
	1.05.01.06	Sanitary Landfill
	1.05.01.06.04	Perform Closure Central Landfill
	1.05.01.07	Emergency Services
	1.05.01.07.02	Provide Major Maint/Replacements to Emergency Services Facilities
	1.05.01.07.03	Transition Emergency Services
	1.05.01.07.04	Disposition Emergency Services
	1.05.01.08	General Purpose Offices
	1.05.01.08.02	Provide Major Maint/Replacements to Office Facilities
	1.05.01.08.03	Transition Offices
	1.05.01.08.04	Disposition Offices
	1.05.01.09	General Purpose Shops
	1.05.01.09.02	Provide Major Maint/Replacements to Shop Facilities
	1.05.01.09.03	Transition Shops
	1.05.01.09.04	Disposition Shops
	1.05.01.10	General Purpose Warehouses
	1.05.01.10.02	Provide Major Maint/Replacements to Warehouse Facilities
	1.05.01.10.03	Transition Warehouses
	1.05.01.10.04	Disposition Warehouses
	1.05.01.11	Environmental Support Facility
	1.05.01.11.02	Provide Major Maint/Replacements to Environmental Support Facility
	1.05.01.11.03	Transition Environmental Support Facility
	1.05.01.11.04	Disposition Environmental Support Facility

RL PBS	RL WBS	Title
	1.05.01.12	Road System
	1.05.01.12.02	Provide Major Maint/Replacements to Road System
	1.05.01.12.03	Transition Road System
	1.05.01.12.04	Disposition Road System and Heavy Mobile Equipment
	1.05.01.13	Rail System
	1.05.01.13.03	Transition Rail System
	1.05.01.13.04	Disposition Rail System
	1.05.01.14	Land
	1.05.01.14.01	Manage Land
	1.05.01.14.03	Transition Land
	1.05.01.14.04	Disposition Land
	1.05.01.15	300 Area Treated Effluent Disposal Facility
	1.05.01.15.03	Transition the 300 Area TEDF
	1.05.01.15.04	Disposition 300 Area Treated Effluent Disposal Facility

B.1.2.2 Landlord WBS Dictionary

The following pages contain the WBS dictionary for RL-TP13

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WBS 1.5

1. Dictionary Title Transition Steam System		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.01.03	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				

Provide surveillance and maintenance of 200 Area & 300 Area steam facilities until they are excessed, salvaged, transferred to another entity, or demolished. In FY 1999 and FY 2000 steam plants will continue to be surveilled and maintained in a safe shutdown mode and demolished or salvaged beyond FY 2001.

This activity supports achieving the following technical baseline functions:

- Surveil and maintain the 200 East and West coal-fired steam powerhouses, 200 West Package Boiler, and associated facilities until these facilities are excessed, salvaged, transferred to another entity, or demolished.
- Surveil and maintain the 300 Area steam powerhouse and associated facilities until these facilities are excessed, salvaged, transferred to another entity, or demolished.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- Steam facilities shall be operated and maintained and steam services shall be provided in a safe, secure, environmentally sound, and cost-effective manner, optimizing site infrastructure as a whole.
- The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.
- High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition. Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.

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1. Dictionary Title Disposition Steam System		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.01.04	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide final disposition including hazards mitigation of excess steam facilities in the 200 East, 200 West, and 300 Areas. Final disposition of steam plants are scheduled beyond FY 2001. This activity supports achieving the following technical baseline functions: - Provide final disposition of excess steam facilities in the Central Plateau (200 East and 200 West Areas). - Provide final disposition of excess steam facilities in the South 600 Area (300 Area). This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated. - Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.				

1. Dictionary Title Provide Major Maint/Replacements to Water System		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.02.02	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide essential replacements and renovation to the Water Supply and Distribution Systems (pumphouses and distribution piping) until the facilities they serve are deactivated. This activity supports achieving the following technical baseline functions: - Provide essential replacements and renovations to the 100 Area Water Supply and Distribution Systems (pumphouses and distribution piping) until the facilities they serve are deactivated. Note: 1)Raw water is pumped from the Columbia River for distribution to the 100 and 200 Areas and 2). The Landlord Project is not responsible for 100K and 100N Areas water treatment systems. - Provide essential replacements and renovations to the 200 East and West Water System until the facilities they serve are deactivated (in FY 1999 install backflow preventors in the 200 Area water plants). Automation and interconnection of the 200 East and West System will occur in 1999, thus allowing production of sanitary water in 200 West Area and the 200 East Area Treatment Plant placed in standby (Project L-286). The Central Plateau water is pumped from the Columbia River in the 100 Area and essential replacements and upgrades of the pumphouses and export water system are required to support the 200 Area system. - In FY 1999 provide essential replacements and renovations to the 300 Area Water System (Project L-299) and tie the Patrol Training Academy to the City of Richland water system at HAMMER (Project L-291). This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The Hanford Site Infrastructure shall be optimized. - Develop cost-competitive infrastructure commensurate with mission needs. - Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.				

10 August 1998

WBS 1.5

1. Dictionary Title Transition Water System		2. Date 29 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.02.03	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				

Provide surveillance and maintenance of obsolete Water Supply and Distribution Systems until the systems are excessed, salvaged, transferred to another entity, or demolished. The 200 East Area Water Treatment Plant will be transitioned to shutdown in FY 1999 under Project L-286 and placed in standby for disposition in the outyears.

This activity supports achieving the following technical baseline functions:

- Provide surveillance and maintenance of obsolete Water Supply and Distribution Systems until the systems are excessed, salvaged, transferred to another entity, or demolished.
- Provide surveillance and maintenance of obsolete Central Plateau (200 Area) Water Supply and Distribution Systems until the systems are excessed, salvaged, transferred to another entity, or demolished.
- Provide surveillance and maintenance of obsolete South 600 Area (300 Area and 400 Area) Water Supply and Distribution Systems until the systems are excessed, salvaged, transferred to another entity, or demolished.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- High cost surplus facilities and systems shall be transitioned to a low cost, stable, deactivated condition.
- The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.
- High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition. Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.

10 August 1998

WBS 1.5

1. Dictionary Title Disposition Water System		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.02.04	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide final disposition including shutdown, isolation, and hazards mitigation of Site water system facilities. Disposition of water systems will be beyond FY 2000. This activity supports achieving the following technical baseline functions: - Provide final disposition of 100 Area Water Supply and Distribution Systems. - Provide final disposition of Central Plateau (200 East and West Area) Water Systems and auxiliary facilities. - Provide final disposition of the 300 Area Water System, Patrol Training Academy Water System, and auxiliary facilities. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - Remove South 600 Area (300 Area and 400 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses. - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated. - Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.				

10 August 1998

WBS 1.5

1. Dictionary Title Provide Major Maint/Replacements to Liquid Sanitary Waste System		2. Date 9 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.03.02	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide essential replacements and upgrades to the Sanitary Waste Water System until it is no longer needed. This activity supports achieving the following technical baseline functions: - Provide essential replacements and renovations to the 100N Area Sanitary Waste Water Lagoon until the system is no longer needed as a sanitary waste water disposal site for trucked sanitary waste water from Hanford Site septic systems and the 100N Area facilities are deactivated. - Provide essential replacements, consolidation, and renovations to the Central Plateau (200 Areas) Liquid Sanitary Waste Systems. Since 1990 and through 2002 Liquid Sanitary Waste Systems are being consolidated into regional septic systems with capacity of approximately 14,500 gallons per day (each system). The Central 200 West Area Facilities (i.e. PFP, 272WA, etc. will be connected to the 200 West Area Central drainfield under Project L-281. - The Patrol Training Academy (PTA) facilities will be tied to the City of Richland Sanitary Sewer System at HAMMER in FY 1999 under Project L-291 (this project is funded as a water systems upgrade). This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The Hanford Site Infrastructure shall be optimized. Develop cost-competitive infrastructure commensurate with mission needs. - Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.				

1. Dictionary Title Transition Liquid Sanitary Waste System	2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.03.03	6. B & R No.	7. Baseline CR No.	
8. Organization Name			
9. Scope of Work			

Provide shutdown, hazard mitigation, and surveillance and maintenance of obsolete Sanitary Waste Water system and other miscellaneous waste water systems until the system is disposition. These types of systems are abandoned in place until final disposition is funded and usually requires minimal surveillance and maintenance.

This activity supports achieving the following technical baseline functions:

- Provide surveillance and maintenance of obsolete 100N Area Sanitary Waste Water Lagoon system until the system is dispositioned.
- Provide surveillance and maintenance of obsolete CP Liquid Sanitary Waste Water systems are dispositioned.
- Provide maintenance of obsolete South 600 Area Liquid Sanitary Waste Water system until the systems are dispositioned.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.
- High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition
- Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.

WBS 1.5

10 August 1998

1. Dictionary Title Disposition Liquid Sanitary Waste System	2. Date 29 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.03.04	6. B & R No.	7. Baseline CR No.	
8. Organization Name			
9. Scope of Work			

Provide final disposition of Site liquid sanitary waste systems and other miscellaneous waste water systems to meet Washington State regulatory requirements to assure human health and safety.

This activity supports achieving the following technical baseline functions:

- Provide final disposition of 100N Area Sanitary Waste Water Lagoon and miscellaneous waste water systems will be dispositioned per a plan developed in FY 1999.
- Provide final disposition of Central Plateau Liquid Sanitary Waste Systems and miscellaneous waste water systems.
- In FY 1998, the 300 Area and 400 Area (small system in western portion) abandoned septic systems were dispositioned. In FY 1998 through 2002 septic systems will be dispositioned as they are no longer required to support the site mission. Note: as outer area septic systems are consolidated to regional systems, they are dispositioned and closed per environmental requirements as part of the replacement project.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.
- Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.

10 August 1998

WBS 1.5

1. Dictionary Title Provide Major Maint/Replacements to Electrical Distribution System		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.04.02	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide essential replacements and upgrades to the Electrical Distribution Systems until the facilities they serve are deactivated. No Electrical Distribution Systems replacement or major maintenance projects are anticipated until beyond FY 2000. This activity supports achieving the following technical baseline functions: - Provide essential replacements and renovations to the 100 Area Electrical Distribution Systems until the facilities they serve are deactivated. - Provide essential replacements and renovations to the 200 Areas and surrounding area, including the 251W Substation Electrical Distribution System until the facilities they serve are deactivated. - Provide essential replacements and renovations to the 300 Area and surrounding 600 Area Electrical Distribution Systems until the facilities they serve are deactivated. - Provide essential replacements and renovations to the Central Core Electrical Distribution System until the areas they serve are deactivated. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The Hanford Site Infrastructure shall be optimized. - Develop cost-competitive infrastructure commensurate with mission needs. - Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.				

WBS 1.5

1. Dictionary Title Transition Electrical Distribution System		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.04.03	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				

Provide surveillance and maintenance of obsolete Electrical Distribution Systems until the systems are excessed, salvaged, transferred to another entity, or demolished. In FY 1999 and beyond 100 Area obsolete substations will be surveilled and maintained until they are excessed or dismantled in the outyears.

This activity supports achieving the following technical baseline functions:

- Provide surveillance and maintenance of obsolete Reactors on the River (100 Areas) Electrical Distribution Systems until the systems are excessed, salvaged, transferred to another entity, or demolished.
- Provide surveillance and maintenance of obsolete Central Plateau (200 Areas) Electrical Distribution Systems until the systems are excessed, salvaged, transferred to another entity, or demolished.
- Provide surveillance and maintenance of obsolete South 600 Area (300 Area and 400 Area) Electrical Distribution System until the systems are excessed, salvaged, transferred to another entity, or demolished.
- Provide surveillance and maintenance of obsolete Central Core Electrical Distribution Systems until the systems are excessed, salvaged, transferred to another entity, or demolished.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.
- High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition. Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.

10 August 1998

WBS 1.5

1. Dictionary Title Disposition Electrical Distribution System		2. Date 29 July 1998	3. PBS Number RL-TP13	4. Dict Rev -
5. WBS No. 1.05.01.04.04	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide final disposition including shutdown, isolation, and hazards mitigation of Electrical Distribution Systems. Disposition of electrical distribution systems will be through excessing and salvaging equipment through economic transition. Electrical distribution buildings will be demolished or salvaged to offset the removal cost. This activity supports achieving the following technical baseline functions: - Provide final disposition of 100 Area Electrical Distribution Systems. - Provide final disposition of 200 Areas and surrounding area Electrical Distribution Systems. - Provide final disposition of the 300 Area and surrounding 600 Area Electrical Distribution System. - Provide final disposition of Central Core Electrical Distribution Systems. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated. - Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.				

WBS 1.5

1. Dictionary Title Provide Major Maint/Replacements to Telecommunications System		2. Date 29 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.05.02	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide essential replacements and upgrades to the Telecommunication Systems until the facilities they serve are deactivated. In FY 1999 and 2000 the Broadband System will be replaced (L-294) and the Data Network System will be replaced in FY 2000 and FY 2001. This activity supports achieving the following technical baseline functions: - Provide essential replacements and upgrades to the 100 Area Telecommunication Systems until the facilities they serve are deactivated. - Provide essential replacements and upgrades to the 200 Areas and surrounding area Telecommunication Systems until the facilities they serve are deactivated. - Provide essential replacements and upgrades to the 300 and 400 Area and surrounding 600 Area Telecommunication Systems until the facilities they serve are deactivated. - Provide essential replacements and upgrades to the Central Core Telecommunication Systems until the facilities they serve are deactivated or transferred to another entity. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The Hanford Site Infrastructure shall be optimized. - Develop cost-competitive infrastructure commensurate with mission needs. - Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.				

10 August 1998

WBS 1.5

1. Dictionary Title Transition Telecommunications System		2. Date 29 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.05.03		6. B & R No.		7. Baseline CR No.
8. Organization Name				
9. Scope of Work				

Provide surveillance and maintenance of obsolete Telecommunication Systems until the systems are excessed, salvaged, transferred to another entity, or removed. The telecommunication systems are being shutdown and equipment excessed as they are replaced.

This activity supports achieving the following technical baseline functions:

- Provide surveillance and maintenance of obsolete Reactors on the River (100 Area) Telecommunication Systems until the systems are excessed, salvaged, transferred to another entity, or removed.
- Provide surveillance and maintenance of obsolete Central Plateau (200 Area) Telecommunication Systems until the systems are excessed, salvaged, transferred to another entity, or removed.
- Provide surveillance and maintenance of obsolete South 600 Area (300 Area and 400 Area) Telecommunication Systems until the systems are excessed, salvaged, transferred to another entity, or removed.
- Provide surveillance and maintenance of obsolete Central Core Telecommunication Systems until the systems are excessed, salvaged, transferred to another entity, or removed.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.
- The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.
- High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition. Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.

10 August 1998

WBS 1.5

1. Dictionary Title Disposition Telecommunications System		2. Date 29 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.05.04	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide final disposition of telecommunications systems. No activity is planned in FY 1999 or FY 2000, telecommunication equipment is generally removed as part of the replacement project. This activity supports achieving the following technical baseline functions: - Provide final disposition of 100 Area Telecommunication Systems. - Provide final disposition of 200 Areas and surrounding area Telecommunication Systems. - Provide final disposition of the South 600 Area Telecommunication Systems. - Provide final disposition of Central Core Telecommunication Systems. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - Remove Central Core non-essential, surplus buildings and facilities that don't have identified post-cleanup uses. - Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition. - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated. - Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.				

1. Dictionary Title Perform Closure Central Landfill	2. Date 29 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.06.04	6. B & R No.	7. Baseline CR No.	
8. Organization Name			
9. Scope of Work			
Perform final closure activities for Central Landfill. In FY 1999 NEPA documentation will be prepared to allow the final closure of the Central Landfill in FY 2001. This WBS covers work necessary to support the final closure of the Central Landfill to assure contaminates do not reach the groundwater.			

WBS 1.5

10 August 1998

1. Dictionary Title Provide Major Maint/Replacements to Emergency Services Facilities		2. Date 29 July 1998	3. PBS Number RL-TP13	4. Dict Rev .
5. WBS No. 1.05.01.07.02	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide renovation, major maintenance, and replacement of essential Emergency Services vehicles, equipment, and facilities. Consolidate the Emergency Services personnel, equipment, and vehicles to support the long term Hanford Mission. This activity supports achieving the following technical baseline functions: - Provide renovation and consolidation of the 200 Area Fire Station and replacement of essential Emergency Services vehicles and equipment. Consolidate the outer area Emergency Services personnel, equipment, and vehicles into the 200 Area facilities to support the long term Hanford Mission. - Provide renovation and consolidation of the 300 and 400 Area Fire Stations and replacement of essential Emergency Services vehicles and equipment to support the South 600 Area. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The Hanford Site Infrastructure shall be optimized. Develop cost-competitive infrastructure commensurate with mission needs. Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.				

10 August 1998

WBS 1.5

1. Dictionary Title Transition Emergency Services		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.07.03	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide surveillance and maintenance of surplus Hanford emergency services facilities until dispositioned. This activity supports achieving the following technical baseline functions: - Provide surveillance and maintenance of unneeded emergency service Reactors on the River (100 Area) facilities until they are excessed, salvaged, converted into another function, transferred to another entity, or demolished. - Provide surveillance and maintenance of unneeded emergency service Central Plateau (200 Area) facilities until they are excessed, salvaged, converted into another function, transferred to another entity, or demolished. - Provide surveillance and maintenance of unneeded emergency service South 600 Area (300 Area and 400 Area) facilities until they are excessed, salvaged, converted into another function, transferred to another entity, or demolished. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated. - High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition. Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.				

10 August 1998

WBS 1.5

1. Dictionary Title Disposition Emergency Services		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.07.04	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide final disposition including shutdown, isolation, hazards mitigation of Hanford Site emergency services facilities. This activity supports achieving the following technical baseline functions: - Provide final disposition of the 100 Area Fire Station once personnel and equipment are consolidated into the renovated 200 Area Fire Station in FY 2000 and 2001. - Provide final disposition of 200 Area Emergency Services Facilities. - Provide final disposition of the 300 and 400 Area Emergency Services Facilities. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated. - Transition to a stable, deactivated condition. Remove unneeded buildings and facilities.				

10 August 1998

WBS 1.5

1. Dictionary Title Provide Major Maint/Replacements to Office Facilities		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.08.02	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide essential facilities replacements, consolidation, and renovations to office space with the emphasis on consolidating personnel in the most cost effective space from an operations and maintenance standpoint. This activity supports achieving the following technical baseline functions: - Provide essential Central Plateau (200 Area) facilities replacements, consolidation, and renovation to office space with the emphasis on consolidating personnel in the most cost effective space from an operations and maintenance standpoint. - Provide essential South 600 Area (300 Area and 400 Area) facilities replacements, consolidation, and renovation to office space with the emphasis on consolidating personnel in the most cost effective space from an operations and maintenance standpoint. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The Hanford Site Infrastructure shall be optimized. Develop cost-competitive infrastructure commensurate with mission needs. Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.				

10 August 1998

WBS 1.5

1. Dictionary Title Transition Offices		2. Date 29 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.08.03	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Deactivate and prepare the Hanford office facilities ready for disposition. This activity supports achieving the following technical baseline functions: - Provide surveillance and maintenance of unneeded Central Plateau (200 Area) general purpose office facilities until they are excessed, salvaged, transferred to another entity, or demolished. - Provide surveillance and maintenance of unneeded South 600 Area (300 Area and 400 Area) general purpose office facilities until they are excessed, salvaged, transferred to another entity, or demolished. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated. - High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.				

10 August 1998

WBS 1.5

1. Dictionary Title Disposition Offices		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.08.04	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide final disposition including shutdown, isolation, and hazard mitigation of General Purpose Office Facilities. This activity supports achieving the following technical baseline functions: - Provide final disposition of General Purpose Office Facilities. - Provide final disposition of South 600 Area General Purpose Office Facilities. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition. - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.				

10 August 1998

WBS 1.5

1. Dictionary Title Provide Major Maint/Replacements to Shop Facilities	2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.09.02	6. B & R No.	7. Baseline CR No.	
8. Organization Name			
9. Scope of Work			

Provide essential shop facilities replacements, consolidation, and renovation to general purpose shop space with the emphasis on consolidating shop functions into the most cost effective space from an operations and maintenance standpoint.

This activity supports achieving the following technical baseline functions:

- Provide essential Central Plateau (200 Area) shop facilities replacements, consolidation, and renovations to general purpose shop space with the emphasis on consolidating shop functions into the most cost effective space from an operations and maintenance standpoint.
- Provide essential South 600 Area (300 Area and 400 Area) shop facilities replacements, consolidation, and renovations to general purpose shop space with the emphasis on consolidating shop functions into the most cost effective space from an operations and maintenance standpoint.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- The Hanford Site Infrastructure shall be optimized.
Develop cost-competitive infrastructure commensurate with mission needs.
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

10 August 1998

WBS 1.5

1. Dictionary Title Transition Shops		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.09.03	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide surveillance and maintenance of surplus Hanford shop facilities until dispositioned. This activity supports achieving the following technical baseline functions: - Provide surveillance and maintenance of Central Plateau (200 Area) surplus general purpose shop facilities until they are excessed, salvaged, converted into another function, transferred to another entity, or demolished. - Provide surveillance and maintenance of South 600 Area (300 Area and 400 Area) surplus general purpose shop facilities until they are excessed, salvaged, converted into another function, transferred to another entity, or demolished. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - Facilities and systems shall be made available for other uses. - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated. - High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition. Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.				

WBS 1.5

1. Dictionary Title Disposition Shops		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.09.04		6. B & R No.		7. Baseline CR No.
8. Organization Name				
9. Scope of Work				
Provide final disposition including shutdown, isolation, and hazards mitigation of General Purpose Shop Facilities. This activity supports achieving the following technical baseline functions: - Provide final disposition of Central Plateau General Purpose Shop Facilities. - Provide final disposition of South 600 Area General Purpose Shop Facilities. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - Remove South 600 Area (300 Area and 400 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses. - Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition. - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.				

10 August 1998

WBS 1.5

1. Dictionary Title Provide Major Maint/Replacements to Warehouse Facilities	2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.10.02	6. B & R No.	7. Baseline CR No.	
8. Organization Name			
9. Scope of Work			
Provide essential storage facilities replacements, consolidation, and renovations to general purpose storage space with the emphasis on consolidating and minimizing storage space in a cost effective manner. This activity supports achieving the following technical baseline functions: - Provide essential Central Plateau (200 Area) storage facilities replacements, consolidation, and renovations to general purpose storage space with the emphasis on consolidating and minimizing storage space in a cost effective manner. - Provide essential South 600 Area (300 Area and 400 Area) storage facilities replacements, consolidation, and renovations to general purpose storage space with the emphasis on consolidating and minimizing storage space in a cost effective manner. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - The Hanford Site Infrastructure shall be optimized. Develop cost-competitive infrastructure commensurate with mission needs. Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.			

1. Dictionary Title Transition Warehouses		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.10.03	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				

Provide surveillance and maintenance of surplus general purpose warehouse facilities until they are excessed, salvaged, converted into another function, transferred to another entity, or demolished.

This activity supports achieving the following technical baseline functions:

- Provide surveillance and maintenance of Central Plateau (200 Area) surplus general purpose warehouse facilities until they are excessed, salvaged, converted into another function, transferred to another entity, or demolished.
- Provide surveillance and maintenance of South 600 Area (300 Area and 400 Area) surplus general purpose warehouse facilities until they are excessed, salvaged, converted into another function, transferred to another entity, or demolished.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.
- High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition
- Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.

10 August 1998

WBS 1.5

1. Dictionary Title Disposition Warehouses		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.10.04	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide final disposition including shutdown, isolation, and hazards mitigation of Hanford Site general purpose Warehouses.. This activity supports achieving the following technical baseline functions: - Provide final disposition of Central Plateau (200 Area) Hanford Site Warehouses. - Provide final disposition of South 600 Area (300 Area and 400 Area) Hanford Site Warehouses. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - Remove South 600 Area (300 Area and 400 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses. - Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition. - The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.				

1. Dictionary Title Provide Major Maint/Replacements to Environmental Support Facility		2. Date 30 July 1998	3. PBS Number RL-TP13	4. Dict Rev .
5. WBS No. 1.05.01.11.02	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide Major Maint/Replacements to Environmental Support Facility (i.e. Hanford Meterological Station, etc.)				
This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:				
- The Hanford Site Infrastructure shall be optimized.				
Develop cost-competitive infrastructure commensurate with mission needs.				
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.				

10 August 1998

WBS 1.5

1. Dictionary Title Transition Environmental Support Facility	2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.11.03	6. B & R No.	7. Baseline CR No.	
8. Organization Name			
9. Scope of Work			
Provide surveillance and maintenance of surplus environmental support facilities (i.e. meteorological weather station) until they are excessed, salvaged, converted into another function transferred to another entity or demolished. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - Facilities and systems shall be made available for other uses. - High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition - Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.			

10 August 1998

WBS 1.5

1. Dictionary Title Disposition Environmental Support Facility		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.11.04	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide final disposition including shutdown, isolation, and hazards mitigation of Hanford Site environmental support facilities. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - Remove Central Plateau (200 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses. - Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.				

1. Dictionary Title Provide Major Maint/Replacements to Road System		2. Date 15 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.12.02	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				

Provide major maintenance (overlay and sealing) and upgrades to common roads until the facilities they serve are deactivated and the site is cleaned up.

This activity supports achieving the following technical baseline functions:

- Provide major maintenance (overlay and sealing) and upgrades to the 100 Area Common Roads until the facilities they serve are deactivated and the 100 Area is cleaned up.
- Provide major maintenance (overlay and sealing) and upgrades to the Central Plateau Common Roads and parking lots until the facilities they serve are deactivated, the area is cleaned up, or the area is transferred to another entity.
- Provide major maintenance (overlay and sealing) and upgrades to the South 600 Area Common Roads and parking lots until the facilities they serve are deactivated, the area is cleaned up, or the area is transferred to another entity.
- Provide major maintenance (overlay and sealing) and upgrades to the Central Core Common Roads until the facilities they serve are deactivated, the area is cleaned up, or the area is transferred to another entity.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- The Hanford Site Infrastructure shall be optimized.
- Develop cost-competitive infrastructure commensurate with mission needs.
- Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

WBS 1.5

10 August 1998

1. Dictionary Title Transition Road System		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.12.03	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				

Deactivate and make the Hanford road systems ready for disposition.

This activity supports achieving the following technical baseline functions:

- Initiate the facility transition phase of decontamination and deactivation for the 100 Area Road system.
- Initiate the transition phase of decontamination and decommissioning for the CP Area Road System.
- Initiate the transition phase of decontamination and decommissioning for the CC Area Road System.
- Initiate the transition phase of decontamination and decommissioning for the South 600 Area Roads.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- Facilities and systems shall be made available for other uses.
- Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.
- The contractor shall: 1) provide disposition of excess general purpose facilities; 2) propose plans for demolishing, turning over facilities to others, or more cost-effective maintenance of excess general purpose facilities. The number of excess facilities is expected to increase over the next several years. The Contractor should assume that these structures in the Landlord Project are not radiologically contaminated.
- High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition

Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.

1. Dictionary Title Disposition Road System and Heavy Mobile Equipment		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.12.04	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				

Provide final disposition including hazards mitigation of Site Roads and regulated heavy mobile equipment once they are no longer needed to support the Handford Mission. Between FY 1997 and FY 2006 disposition regulated heavy mobile equipment to reduce hazards to workers and the environment.

This activity supports achieving the following technical baseline functions:

- Provide final disposition of the 100 Area Common Roads after the area is cleaned up and they are no longer needed to support the Handford Mission.
- Provide final disposition of the Central Plateau Common Roads and parking lots until the area is cleaned up and are no longer needed to support the Handford Mission.
- Provide final disposition of the South 600 Area Common Roads and parking lots until the area is cleaned up and are no longer needed to support the Hanford Mission. Disposition regulated heavy mobile equipment after being declared excess.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.

1. Dictionary Title Transition Rail System	2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.13.03	6. B & R No.	7. Baseline CR No.	

8. Organization Name

9. Scope of Work

Deactivate and make the Hanford rail systems ready for disposition. In FY 1998 the railroad south of the Supply System is being excessed and transferred to the Port of Benton. The remainder of the rail system will be deactivated and transitioned in the out years.

This activity supports achieving the following technical baseline functions:

- Initiate the facility transition phase of decontamination and deactivation for the 100 Area Rail system.
- Initiate the transition phase of decontamination and decommissioning for the CP Area Rail System.
- Initiate the transition phase of decontamination and decommissioning for the CC Area Rail System.
- Initiate the transition phase of decontamination and decommissioning for the South 600 Area Rail.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- Facilities and systems shall be made available for other uses.
 - Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.
 - High cost surplus facilities shall be transitioned to a low cost, stable, deactivated condition
- Maintain surplus facilities for the lowest cost possible until these facilities can be demolished or salvage for economical return to offset the final disposition.

1. Dictionary Title Disposition Rail System		2. Date 29 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.13.04	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				
Provide final disposition of the Hanford Site Railroad System, including railcars, once the Department of Energy declares these systems excess and no longer needed to support the Site Mission. In FY 1998 the Hanford Site Railroad is being shutdown and deactivated and the section South of the Supply System excessed and transferred to the Port of Benton. This activity supports achieving the following technical baseline functions: - Provide final disposition of the 100 Area Railroad System once the Department of Energy declares the system excess and no longer needed to support the Hanford Site Mission. - Provide final disposition of the Central Plateau Railroad System, including railcars, once the Department of Energy declares the system excess and no longer needed to support the Hanford Site Mission. - Provide final disposition of the South 600 Area Railroad System once the Department of Energy declares the system excess and no longer needed to support the Hanford Site Mission (southern portion of the Hanford Railroad System will be transferred to the Port of Benton in FY 1998). - Provide final disposition of the Central Core Area Railroad System once the Department of Energy declares the system excess and no longer needed to support the Hanford Site Mission. Disposition rail equipment consolidated at 212 R when the railroad system is shutdown in FY 1998. This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission: - Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.				

1. Dictionary Title Manage Land		2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.14.01	6. B & R No.		7. Baseline CR No.	
8. Organization Name				
9. Scope of Work				

Integrate the use of land at Hanford -- for the overall site, individual operating areas, and specific parcels of land through: - Strategic planning/performance agreement monitoring/customer needs & requirements; - Sitewide systems integration; Investigation/recommendation/implementation; - Interface/conflict resolution/consensus building; - Project definition and management; - Resource protection; - Institutional control and records management; - Asset conversion/excess facilities management; - Promote land as a strategic asset; - Coordinate a site wide mapping service to best utilize utility corridors.

This activity supports achieving the following technical baseline functions:

- Manage the land in the Reactors on the River Area to support the cleanup mission.
- Manage the land in the Central Plateau to support the cleanup mission through the end state of 2046.
- Manage the land in the South 600 Area to support the Hanford Mission.
- Manage the land in the Central Core to support the Hanford Mission .

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- The Hanford Site Infrastructure shall be optimized.
Develop cost-competitive infrastructure commensurate with mission needs.
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.
- Hanford land use planning and management shall ensure that site lands are maintained in a safe, secure, environmentally sound, and cost-effective manner.
- The contractor shall 1) Provide real property management through execution of leases, permits, easements, and land disposition. This task excludes the leasing of commercial office space which is a task included in the Management and Maintenance of General Purpose Office Space. (See Section C.4.B(2)(c) above); and 2) Support DOE Land-use Planning and Management. in making determinations about present and future land use at the Hanford Site.

1. Dictionary Title Transition Land	2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.14.03	6. B & R No.	7. Baseline CR No.	
8. Organization Name			
9. Scope of Work			

Surveil and maintain the Hanford land until dispositioned.

This activity supports achieving the following technical baseline functions:

- Initiate the facility transition phase of decontamination and deactivation for 400 Area Land.
- Initiate the transition phase of decontamination and decommissioning for the CP Area Land.
- Initiate the transition phase of decontamination and decommissioning for the CC Area Land.
- Initiate the transition phase of decontamination and decommissioning for the South 600 Area Land.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- Facilities and systems shall be made available for other uses.
- Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.

WBS 1.5

10 August 1998

1. Dictionary Title Disposition Land	2. Date 27 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.14.04	6. B & R No.	7. Baseline CR No.	
8. Organization Name			
9. Scope of Work			

Provide final disposition of the cleaned land on the Hanford Site.

This activity supports achieving the following technical baseline functions:

- Provide final disposition of the cleaned land in the Reactors on River Area.
- Provide final disposition of the cleaned land of the Central Plateau as made available from the Environmental Restoration Contractor.
- Provide final disposition of the cleaned land in the South 600 Area.
- Provide final disposition of the cleaned land in the Central Core.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- The Hanford Site Infrastructure shall be optimized.
Develop cost-competitive infrastructure commensurate with mission needs.
Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.
- Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.

WBS 1.5

10 August 1998

1. Dictionary Title Transition the 300 Area TEDF	2. Date 6 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.15.03	6. B & R No.	7. Baseline CR No.	
8. Organization Name			
9. Scope of Work			

Transfer the 300 Area TEDF to commercial operation.

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- Facilities shall be transitioned to the surveillance and maintenance phase when no longer required to support the site mission.

WBS 1.5

10 August 1998

1. Dictionary Title Disposition 300 Area Treated Effluent Disposal Facility	2. Date 6 July 1998	3. PBS Number RL-TP13	4. Dict Rev
5. WBS No. 1.05.01.15.04	6. B & R No.	7. Baseline CR No.	

8. Organization Name

9. Scope of Work

Provide final Disposition of the 300 Area Treated Effluent Disposal Facility once no longer needed to support the 300 Area mission (circa 2025).

This WBS covers work necessary to support satisfying the following technical baseline requirements for the Hanford clean up mission:

- Remove South 600 Area (300 Area and 400 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.
- Transitioned facilities shall be decontaminated and decommissioned sufficiently to enable removal or closure through entombment
- Facilities and systems that can not be used for other purposes, shall be removed, equipment and materials salvaged to offset the cost of final disposition.

LANDLORD PROJECT
WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MILN
1.05.01.08.02.01 Landlord Program Management/Project Support					
PM0999	Start FY1999	0	01OCT98		
PM1010	Monthly Performance Reporting and Administration	22	01OCT98	30OCT98	
PM1020	Monthly Performance Reporting and Administration	19	02NOV98	30NOV98	
PM1030	Monthly Performance Reporting and Administration	21	01DEC98	31DEC98	
PM1040	Monthly Performance Reporting and Administration	20	04JAN99	29JAN99	
PM1050	Monthly Performance Reporting and Administration	19	01FEB99	26FEB99	
PM1060	Monthly Performance Reporting and Administration	23	01MAR99	31MAR99	
PM1070	Monthly Performance Reporting and Administration	22	01APR99	30APR99	
PM1080	Monthly Performance Reporting and Administration	20	03MAY99	28MAY99	
PM1090	Monthly Performance Reporting and Administration	22	01JUN99	30JUN99	
PM1100	Monthly Performance Reporting and Administration	20	01JUL99	30JUL99	
PM1110	Monthly Performance Reporting and Administration	22	02AUG99	31AUG99	
PM1120	Monthly Performance Reporting and Administration	21	01SEP99	30SEP99	
PM1130	Project Baseline Support Submittal	62	01OCT98	31DEC98	
PM1140	Integrated Priority List Preparation	93	04JAN99	13MAY99	
PM1150	Multi-Year Program Preparation	72	14MAY99	28AUG99	
PM1165	Multi-Year Program Preparation	24	12AUG99	30SEP99	
PM1180	Complete Annual Multi-Year Work Plan	0		28AUG99	LLP-98-001
PM1170	Complete Project Priority List for FY00 & FY01	0		13MAY99	LLC-98-100
Subtotal		251	01OCT98	30SEP99	

LANDLORD PROJECT WBS 1.5

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
1.05.01.06.04.01.01 Landfill Closure Plan (Prep for FY 2001)																	
LN1000	Prepare Environmental Assessment	40	01OCT98	25NOV98													
LN1010	Review Environmental Assessment	40	30NOV98	27JAN99													
LN1020	Respond to Public Comments	42	28JAN99	29MAR99													
LN1030	Obtain RL Signature & Decision	42	30MAR99	26MAY99													
LN1040	Complete NEPA Documentation for Final Closure	0		26MAY99	LLP-99-305												
Subtotal		164	01OCT98	26MAY99													

Project Start 01OCT98	Early Bar		LANDLORD Landlord Program Land Fill Closure Plan 1.05.01.06.04.01.01	Sheet 1 of 1 FY 1999 MWP Revision
Project Finish 26SEP99	Progress Bar			
Date Date 01OCT98	Critical Activity			
Run Date 27NOV98				

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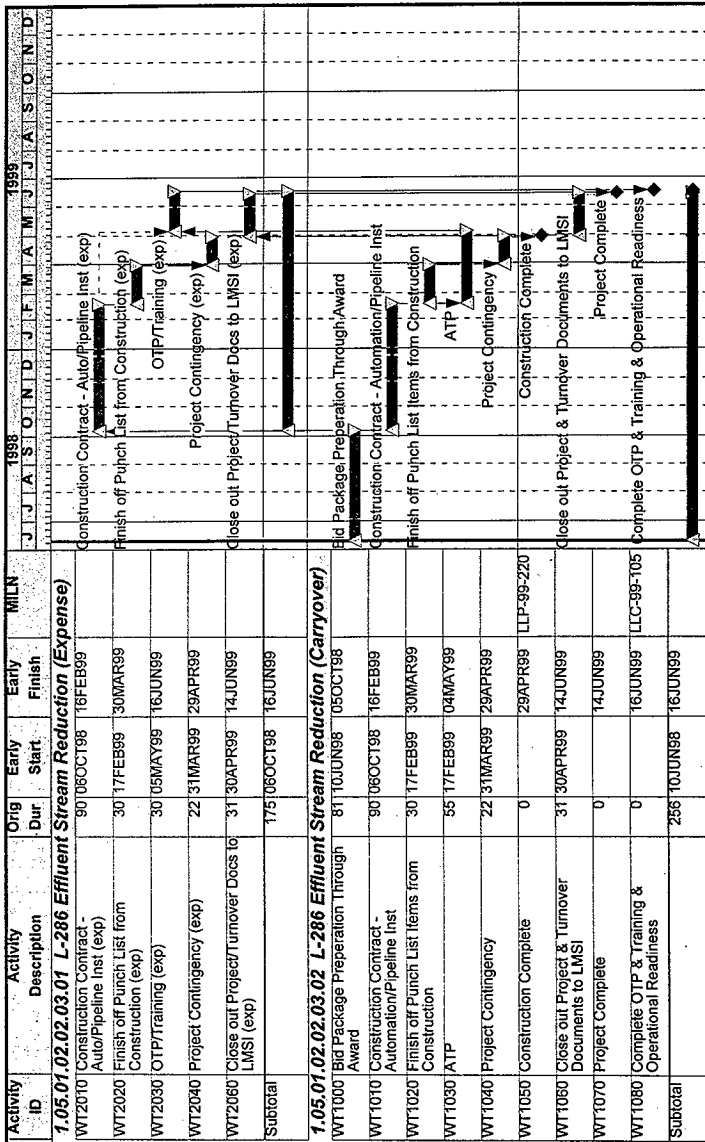
HNF-SP-1242, Rev. 1

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LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1



Project Start 10JUN98	Early Bar	LANCW051	Landlord Program L-286 Effluent Stream Reduction 1.05.01.02.02.03	Sheet 1 of 1 Date Revision Approved Approved Approved
Project Finish 16JUN99	Progress Bar			
Close Date 10JUN99	Critical Activity			
Run Date 21NOV99				

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LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MILN	1999											
						J	A	S	O	N	D	J	F	M	A	M	J
1.05.01.07.02.04 L-292 Install & Configure Emergency Preparedness																	
EP1000	Definitive Design for EPCS	125	01OCT98	01APR99													
EP1010	Software Configuration & Testing	42	02APR99	01JUN99													
EP1020	Install Software & Perform ATP/OTP on System	60	02JUN99	28AUG99													
EP1030	Closeout Project Documentation for L-292	22	27AUG99	28SEP99													
EP1040	Complete Definitive Design for EPCS	0		01APR99	LLC-99-125												
EP1050	Complete Construction of Control Station	0		28AUG99	LLP-99-315												
EP1060	Complete Project Install for EPCS	0		28SEP99	LLC-99-126												
Subtotal		249	01OCT98	28SEP99													

Project Start 24JUN98	Project Finish 28SEP99	Date Date 24JUN98	Run Date 21AUG98	Early Bar Progress Bar Critical Activity	LAND EPCS	Landlord Program L-292 Install & Configure Emergency Preparedness	Sheet 1 of 1	FY 1999 WTPP Revision	Approved/Approved

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MILN	1998	1999
1.05.01.02.02.05.01 Chlorine Mitigation (300 Area Expense)							J A S O N D J F M A M J J A S O N D
CL2000	Definitive Design - Expense	41	01OCT98	30NOV98			
CL2010	Construction - Expense	132	01DEC98	06JUN99			
Subtotal		173	01OCT98	06JUN99			
1.05.01.02.02.05.02 Chlorine Mitigation (300 Area Capital)							
CL1000	Definitive Design	80	01OCT98	29DEC98			
CL1010	Construction	145	30DEC98	27JUL99			
CL1020	ATP / Start up Chlorine Mitigation	25	28JUL99	31AUG99			
CL1030	Project Close-out	20	01SEP99	28SEP99			
CL1040	Complete Definitive Design	0		29DEC98			
CL1050	Complete Construction	0		27JUL99			
CL1060	Complete Project Close-out	0		28SEP99			
Subtotal		250	01OCT98	28SEP99			

Project Start 9/10/98	Project Finish 28SEP99	Project Bar 9/10/98	Early Bar 9/10/98	Progress Bar 9/10/98	Critical Activity 21AUG99	LANDCLMT	Landlord Program L-288 Chlorine Mitigation (300 Area)	1.05.01.02.02.05	Sheet 1 of 1	FY 1999 MYWP Version 03/23/97 03/23/97
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LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1998												1999																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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1.05.01.07.02.06 L-293 Emergency Preparedness System/Fed Bid																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Project Start	91OCT98	Early Bar	LANDLORD	Sheet 1 of 1	FY 1999 MYWP
Project Finish	23SEP99	Progress Bar	Landlord Program	DATE	10/26/98
Data Date	91OCT98	Critical Activity	L-293 Emergency Preparedness System	APPROVED	
Run Date	21AUG98		Federal Building		

LANDLORD PROJECT WBS 1.5.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MILN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
1.05.01.02.02.07 Back Flow Preventors (283E & 283 W)																	
BP1000	Long Lead Procurement of Backflow Preventers	80	10 OCT 98	27 JAN 99													
BP1010	Shop Fabrication (283-W & 283-E)	10	28 JAN 99	10 FEB 99													
BP1020	Installation & Testing of BFP (283-W)	13	11 FEB 99	02 MAR 99													
BP1030	Installation & Testing of BFP (283-W)	15	03 MAR 99	23 MAR 99													
BP1040	Project Documentation & Closeout	4	24 MAR 99	29 MAR 99													
BP1050	Complete Installation of Back Flow Preventors	0		29 MAR 99	LLC-99-135												
BP1060	Project Documentation Turnover	20	30 MAR 99	26 APR 99													
BP1070	Complete Project for BFP at 283E & 283W	0		26 APR 99	LLC-99-136												
Subtotal		142	01 OCT 98	26 APR 99													

Project Start Date: 18JUN98

Project End Date: 18JUN98

Run Date: 21AUG98

Early Bar

Bar

Critical Activity

LAND-88-PT

Landlord Program
Back Flow Preventors
1.05.01.02.02.07

FY 1999 MYWP

Version

Allocated / Approved

Sheet 1 of 1

Project Start: 16 JUN 98
Project Finish: 26 APR 99
Date Date: 16 JUN 98
Run Date: 21 JUN 98

Landlord Program
Back Flow Preventors
1.05.01.02.02.07

16 JUN 98
26 APR 99
16 JUN 98
21 JUN 98

Landlord Program
Back Flow Preventors
1.05.01.02.02.07

Project Start: 16 JUN 98
Project Finish: 26 APR 99
Date Date: 16 JUN 98
Run Date: 21 JUN 98

Landlord Program
Back Flow Preventors
1.05.01.02.02.07

16 JUN 98
26 APR 99
16 JUN 98
21 JUN 98

Landlord Program
Back Flow Preventors
1.05.01.02.02.07

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		LAND-22AM	Sheet 1 of 1
Project Start	01OCT98	✓ Early Bar	FY 1999 MWP
Project Finish	27DEC98	✓ Progress Bar	
Data Date	01OCT98	✓ Critical Activity	
Run Date	21AUG98		
		Landlord Program	
		Procure 2 Ambulances	
		1,05,01,07,02,08	
			Use
			Reason
			Canceled Approved

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1998												1999																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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FF1000	Definitive Design - Roof Modifications	82	01OCT98	29JAN99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</

Project Start 01OCT98	Early Bar	LANG/SRN	Landlord Program	FY 1999 MYWP
Project Finish 10SEP99	Progress Bar		400 Area Fire Station Renovations	Revision
Date Date 01OCT98	Critical Activity			Checked
Run Date 03SEP98				Approved
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LANDLORD PROJECT

WBS 1.5

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999 Work Plan																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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HNF-SP-1242 Rev. 1

Project Start 01OCT98	Early Bar	Landlord Program	Sheet 1 of 1	Task	Revision	Checked	Approved
Project Finish 25JAN00	Progress Bar	Procure 2 Fire Trucks					
Date Date 01OCT98	Critical Activity	1.05.01.07.02.10					
Run Date 21NOV98							
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FY 1999 Work Plan

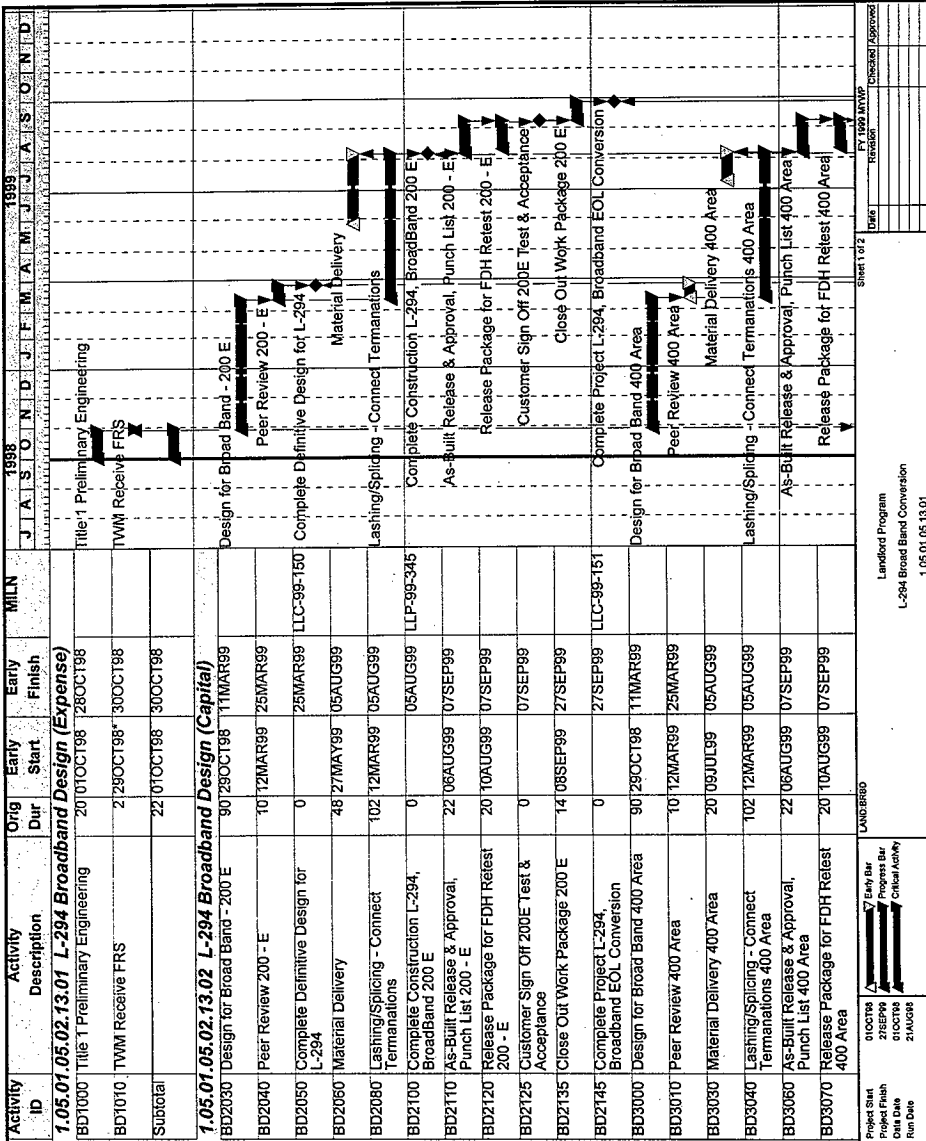
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Activity ID		Activity Description	Orig Dur	Early Start	Early Finish	MILN	FY98												FY99												FY00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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1.05.01.14.03.12 Land Use Planning/Asset Conversion																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

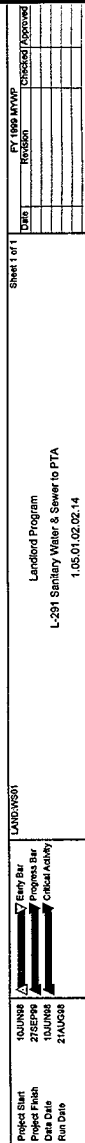
HNF-SP-1242, Rev. 1



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LAND-BRED		Sheet 2 of 2	
Project SMT	9/03/98	Early Bar	
Project Hatch	2/8/99	Progress Bar	
Start Date	9/03/98	Check Activity	
Run Date	2/8/03		
Landlord Program			
L-394 Broad Band Conversion			
	1.05.01.05.13.01		
		File	F:\1998\WWP
		Date	Revision
		Checked	Approved

HNF-SP-1242, Rev. 1



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LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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Activity ID	Activity Description	Orig Dur	Early		MLN	1999																	
			Start	Finish		J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1.05.07.03.04.16 Plan to Disposition Waste Sites																							
CW1000	Prepare Plan for Disposition of Waste Sites	90	01OCT198	10FEB99																			
CW1010	Review and Revise Disposition Plan with Comments	20	11FEB99	11MAR99																			
CW1020	Issue Disposition Plan	12	12MAR99	29MAR99																			
CW1030	Complete Disposition/Closure of Waste Sites	0		29MAR99	LLP-99-3170																		
CW2000	Perform Site Assessment on 3A Fuel Oil Tanks	61	01OCT198	30DEC98																			
CW2010	Prepare Closure Plan	33	31DEC98	17FEB99																			
CW2020	3A Fuel Oil Tanks Closure Plan	0		17FEB99	LLP-99-3666																		
Subtotal		122	01OCT198	29MAR99																			

LAND-CHSSC		Sheet 1 of 1	
	01OCT98	FY 1999 WBS	
	29MAR99	Revision	
	01OCT98	Date	
	21AUG98	Checked/Approved	
Project Start		Landlord Program	
Project Finish		Plan to Disposition Waste Sites	
Date Date		1.05.01.03.04.16	
Run Date			

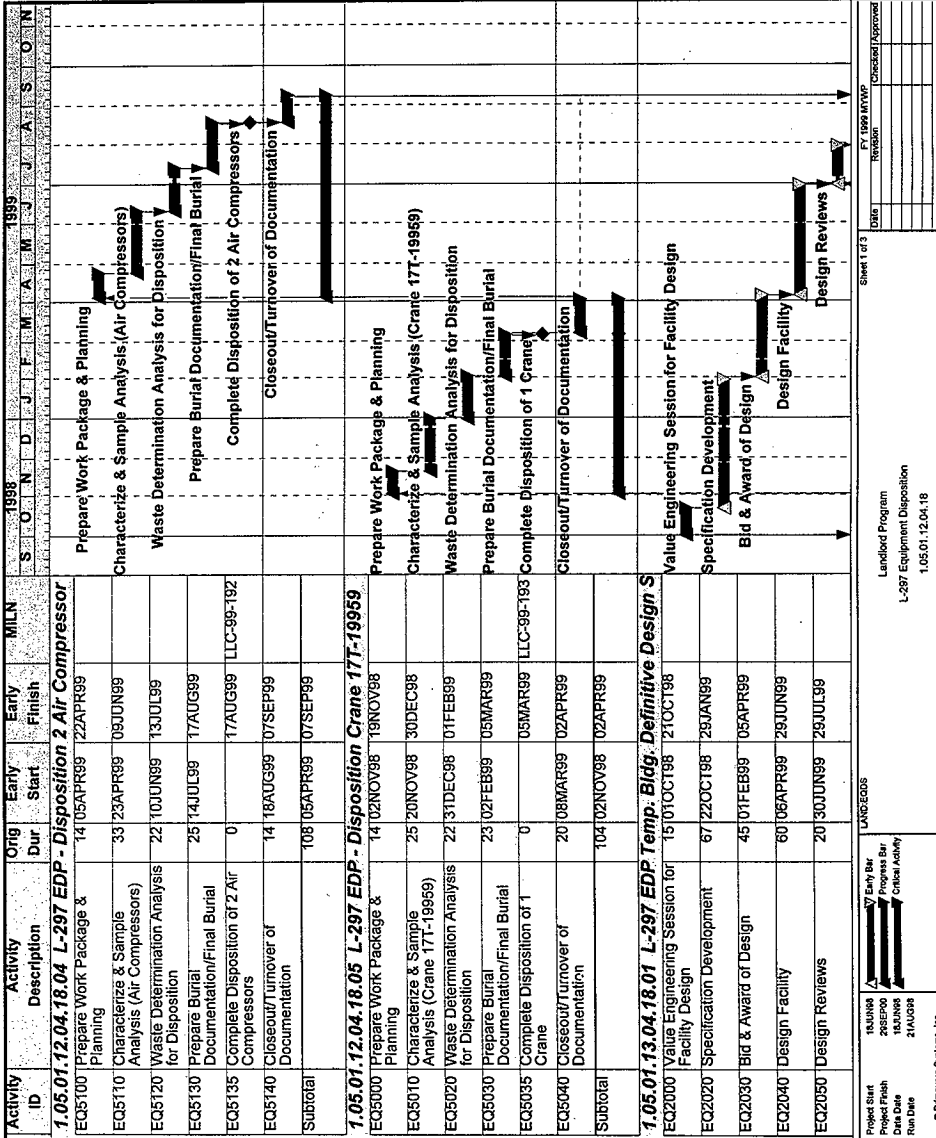
HNF-SP-1242, Rev. 1

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LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1



LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
EQ2060	Incorporate Comments from Reviews	10	30JUL98	12AUG99													
EQ2070	Prepare and Issue Design Package	10	13AUG99	26AUG99													
EQ2075	Environmental Air Permitting	10	01OCT98	26FEB99													
EQ2080	Prepare Environmental Assessment	60	01OCT98	29DEC98													
EQ2090	Cultural/Biological (PNNL)	42	27OCT98	29DEC98													
EQ2100	Panel Review	20	30DEC98	27JAN99													
EQ2110	Public Review of EA	20	28JAN99	25FEB99													
EQ2120	Incorporate Comments from Public Review	15	26FEB99	18MAR99													
EQ2130	RL Fonsi Decision	22	19MAR99	19APR99													
EQ2140	Design Review with WDOEWDOH	22	30JUN99	02AUG99													
EQ2150	Complete Permitting & Def. Design of Facility	0		02AUG99	LTP-99-355												
EQ2155	Complete NEPA Document	0		27JAN99	LTP-99-356												
Subtotal		227	01OCT98	26AUG99													
1.05.01.13.04.18.02 L-297 EDP Well Car Disposition																	
EQ3000	Value Engineering Session for Well Car Disp.	15	01OCT98	21OCT98													
EQ3010	Prepare Work Package & Planning	22	22OCT98	20NOV98													
EQ3020	Characterize & Sample Analysis of Well Car	42	23NOV98	26JAN99													
EQ3030	Review Sample Analysis	22	27JAN99	26FEB99													
EQ3040	Environmental Air Permitting for Well Car	42	01MAR99	27APR99													
EQ3050	Mitigate Air Hazards	22	28APR99	27MAY99													
EQ3060	Remove Casks for Well Car	14	28MAY99	17JUN99													
EQ3070	Deliver Casks to ATG for Disposition	40	18JUN99	16AUG99													
EQ3080	Disposition of Rail Car/Trucks	20	18JUN99	19JUL99													

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
EQ3090	Burial of ATG Waste	15	17AUG99	07SEP99													
EQ3100	Complete Disposition of Equipment	0		07SEP99	LLP-99-115												
EQ3110	Complete Disposition of 1 Well Car	0		19JUL99	LLC-99-190												
Subtotal		234	01OCT98	07SEP99													
1.05.01.13.04.18.03 L-297 EDP 10H-18581 Tank Car Dispositio																	
EQ4000	Prepare Work Packages and Planning	14	01OCT98	12OCT98													
EQ4010	Place Grouting Contract	14	21OCT98	09NOV98													
EQ4020	Grout Tank Car #81	14	10NOV98	01DEC98													
EQ4025	Complete Disposition of Tank Car #81	0		01DEC98	LLC-99-191												
EQ4030	Prepare Burial Documentation/Final Burial	14	02DEC98	21DEC98													
EQ4040	Closure/Turnover of Documentation	22	22DEC98	25JAN99													
Subtotal		78	01OCT98	25JAN99													

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N
1.05.01.01.03.19 Surveillance/Maintenance of Vacant Powerhouses																				
MT1040	Surveillance/Maintenance of Shutdown Facilities	251	10 OCT 198	30 SEP 99																
Subtotal		251	10 OCT 198	30 SEP 99																
1.05.01.04.03.19 Surveillance/Maint. of Vacant Elect. Substations																				
MT1030	Surv/Maint. of Elect. Substations/Lay Yard	251	10 OCT 198	30 SEP 99																
Subtotal		251	10 OCT 198	30 SEP 99																
1.05.01.08.03.19 Surveillance/Maintenance of Vacant Buildings																				
MT1000	Surveillance/Maintenance of 45 Office Bldgs	251	10 OCT 198	30 SEP 99																
MT1050	Surveillance & Maintenance of Vacant Facilities	0		30 SEP 99	LLC-99-160															
Subtotal		251	10 OCT 198	30 SEP 99																
1.05.01.08.03.20 Utility Isolation Infrastructure Buildings																				
MT1200	Prep Water Ecn's & Work Package for MO-047/2E	7	10 OCT 198	09 OCT 198																
MT1205	Excavate/Shore for Water Isolation MO-047/2E	10	12 OCT 198	23 OCT 198																
MT1210	Cap/Isolate & Backfill Water Line MO-047/2E	7	28 OCT 198	03 NOV 98																
MT1215	Prep Electrical Ecn's & Work Package for MO-047/2	7	12 OCT 198	20 OCT 198																
MT1220	Isolate Utilities for MO-047/2E	5	04 NOV 98	10 NOV 98																
MT1225	Isolate Telecommunications for MO-047/2E	4	05 NOV 98	10 NOV 98																
MT1230	MO-047/2E Facility Isolated	0		10 NOV 98																
MT1235	Prep & submit Excess Documentation for MO-047/2E	3	11 NOV 98	13 NOV 98																
MT1240	Prep Water Ecn's & Work Package for MO-227/600	7	12 OCT 198	20 OCT 198																
MT1245	Excavate/Shore for Water Isolation MO-227/600	10	21 OCT 198	03 NOV 98																
MT1250	Cap/Isolate & Backfill Water Line MO-227/600	7	04 NOV 98	12 NOV 98																

Project Start 01 OCT 98 26 SEP 98 Data Date 03 SEP 98	Early Bar Progress Bar Critical Activity	LAND-54651	Landlord Program 400 Area Fire Station Renovations 1.05.02.02.03	Sheet 1 of 18	FY 1999 MYWP 1999	UNCLASSIFIED

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LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
MT2280	Prep Water Ecn's & Work Package for MO-048/2E	7	10NOV98	18NOV98													
MT2285	Excavate/Shore for Water Isolation MO-048/2E	10	19NOV98	04DEC98													
MT2270	Cap/Isolate & Backfill Water Line MO-048/2E	7	10DEC98	15DEC98													
MT2275	Prep Electrical Ecn's & Work Package for MO-048/2E	7	19NOV98	01DEC98													
MT2280	Isolate Utilities for MO-048/2E	5	16DEC98	22DEC98													
MT2285	Isolate Telecommunications for MO-048/2E	4	17DEC98	22DEC98													
MT2280	MO-048/2E Facility Isolated	0		22DEC98													
MT2295	Prep & submit Excess Documentation for MO-048/2E	3	23DEC98	29DEC98													
MT2300	Prep Water Ecn's & Work Package for MO-021/2E	7	19NOV98	01DEC98													
MT2305	Excavate/Shore for Water Isolation MO-021/2E	10	02DEC98	15DEC98													
MT2310	Cap/Isolate & Backfill Water Line MO-021/2E	7	16DEC98	28DEC98													
MT2315	Prep Electrical Ecn's & Work Package for MO-021/2E	7	02DEC98	10DEC98													
MT2320	Isolate Utilities for MO-021/2E	5	29DEC98	05JAN99													
MT2325	Isolate Telecommunications for MO-021/2E	4	30DEC98	05JAN99													
MT2330	MO-021/2E Facility Isolated	0		05JAN99													
MT2335	Prep & submit Excess Documentation for MO-021/2E	3	06JAN99	08JAN99													
MT2340	Prep Water Ecn's & Work Package for MO-042/2E	7	02DEC98	10DEC98													
MT2345	Excavate/Shore for Water Isolation MO-042/2E	10	11DEC98	28DEC98													
MT2350	Cap/Isolate & Backfill Water Line MO-042/2E	7	29DEC98	07JAN99													
MT2355	Prep Electrical Ecn's & Work Package for MO-042/2E	7	11DEC98	21DEC98													
MT2360	Isolate Utilities for MO-042/2E	5	08JAN99	14JAN99													

Project Start	01 OCT 98	Project End	28 DEC 98	Project Bar	03 SEP 98	Run Date	105.07.02.99
7 Early Bar Progress Bar Critical Activity				LAND-3401 Landlord Program 400 Area Fire Station Renovations			
01 OCT 98 28 DEC 98 03 SEP 98				01 OCT 98 28 DEC 98 03 SEP 98			
01 OCT 98 28 DEC 98 03 SEP 98				01 OCT 98 28 DEC 98 03 SEP 98			

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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MT2385	Isolate Telecommunications for MO-042/E	4	1/JAN99	14/JAN99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

Project Start: 01/OCT/98
Project Finish: 29/FEB/99
Start Date: 01/OCT/98
End Date: 29/FEB/99

Project ID: 2450
Project Name: LANDLORD PROJECT
Project Manager: []
Project Sponsor: []
Project Steering Committee: []

Project Status: []
Project Phase: []
Project Budget: []
Project Risk: []
Project Quality: []
Project Communication: []
Project Stakeholder: []
Project Change Management: []
Project Configuration Management: []
Project Risk Management: []
Project Quality Management: []
Project Communication Management: []
Project Stakeholder Management: []
Project Change Management: []
Project Configuration Management: []
Project Risk Management: []
Project Quality Management: []
Project Communication Management: []
Project Stakeholder Management: []

Project Start: 01/OCT/98
Project Finish: 29/FEB/99
Start Date: 01/OCT/98
End Date: 29/FEB/99

Project ID: 2450
Project Name: LANDLORD PROJECT
Project Manager: []
Project Sponsor: []
Project Steering Committee: []

Project Status: []
Project Phase: []
Project Budget: []
Project Risk: []
Project Quality: []
Project Communication: []
Project Stakeholder: []
Project Change Management: []
Project Configuration Management: []
Project Risk Management: []
Project Quality Management: []
Project Communication Management: []
Project Stakeholder Management: []
Project Change Management: []
Project Configuration Management: []
Project Risk Management: []
Project Quality Management: []
Project Communication Management: []
Project Stakeholder Management: []

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
MT2515	Prep Electrical Ecn's & Work Package for MO-379/4	7	25JAN89	02FEB89													Prep Electrical Ecn's & Work Pa
MT2520	Isolate Utilities for MO-379/400	5	03FEB89	09FEB89													Isolate Utilities for MO-379/400
MT2525	Isolate Telecommunications for MO-379/400	4	04FEB89	09FEB89													Isolate Telecommunications for MO-379/400
MT2530	MO-379/400 Facility Isolated	0		09FEB89													MO-379/400 Facility Isolated
MT2535	Prep & submit Excess Documentation for MO-379/40	3	10FEB89	12FEB89													Prep & submit Excess Docum
MT2555	Prep Electrical Ecn's & Work Package for MO-908/4	7	03FEB89	11FEB89													Prep Electrical Ecn's & Work P
MT2580	Isolate Utilities for MO-908/400	5	12FEB89	19FEB89													Isolate Utilities for MO-908/40
MT2585	Isolate Telecommunications for MO-908/400	4	16FEB89	19FEB89													Isolate Telecommunications f
MT2570	MO-908/400 Facility Isolated	0		19FEB89													MO-908/400 Facility Isolated
MT2575	Prep & submit Excess Documentation for MO-908/40	3	22FEB89	24FEB89													Prep & submit Excess Docu
MT2585	Prep Electrical Ecn's & Work Package for MO-674/2	7	12FEB89	23FEB89													Prep Electrical Ecn's & Work
MT2600	Isolate Utilities for MO-674/2E	5	24FEB89	02MAR89													Isolate Utilities for MO-674/2
MT2605	Isolate Telecommunications for MO-674/2E	4	25FEB89	02MAR89													Isolate Telecommunications
MT2610	MO-674/2E Facility Isolated	0		02MAR89													MO-674/2E Facility Isolated
MT2615	Prep & submit Excess Documentation for MO-674/2E	3	03MAR89	05MAR89													Prep & submit Excess Docu
MT2620	Prep Water Ecn's & Work Package for MO-997/2E	7	12FEB89	23FEB89													Prep Water Ecn's & Work Pac
MT2625	Excavate/Shore for Water Isolation MO-997/2E	10	24FEB89	09MAR89													Excavate/Shore for Water Is
MT2630	Cap/Isolate & Backfill Water Line MO-997/2E	7	10MAR89	18MAR89													Cap/Isolate & Backfill Water
MT2635	Prep Electrical Ecn's & Work Package for MO-997/2	7	24FEB89	04MAR89													Prep Electrical Ecn's & Wor
MT2640	Isolate Utilities for MO-997/2E	5	19MAR89	25MAR89													Isolate Utilities for MO-99
MT2645	Isolate Telecommunications for MO-997/2E	4	22MAR89	25MAR89													Isolate Telecommunicatio

Project Start 01OCT88
Project Finish 26SEP89
Data Date 01OCT88
Run Date 03SEP88

LAND-3M81

Activity Bar


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Landlord Program
400 Area Fire Station Renovations

FY 1999 MTWP
03SEP89 1300208

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999											
						S	O	T	N	D	J	F	M	A	M	J	J
MT2650	MO-997/2E Facility Isolated	0		25MAR99													
MT2655	Prep & submit Excess Documentation for MO-997/2E	3	26MAR99	30MAR99													
MT2660	Prep Water Ecn's & Work Package for MO-346/2W	7	24FEB99	04MAR99													
MT2665	Excavate/Shore for Water Isolation MO-346/2W	10	05MAR99	18MAR99													
MT2670	Cap/Isolate & Backfill Water Line MO-346/2W	7	19MAR99	29MAR99													
MT2675	Prep Electrical Ecn's & Work Package for MO-346/2	7	05MAR99	15MAR99													
MT2680	Isolate Utilities for MO-346/2W	5	30MAR99	05APR99													
MT2685	Isolate Telecommunications for MO-346/2W	4	31MAR99	05APR99													
MT2690	MO-346/2W Facility Isolated	0		05APR99													
MT2695	Prep & submit Excess Documentation for MO-346/2W	3	06APR99	08APR99													
MT2700	Prep Water Ecn's & Work Package for MO-934/2W	7	24FEB99	04MAR99													
MT2705	Excavate/Shore for Water Isolation MO-934/2W	10	05MAR99	18MAR99													
MT2710	Cap/Isolate & Backfill Water Line MO-934/2W	7	19MAR99	29MAR99													
MT2715	Prep Electrical Ecn's & Work Package for MO-934/2	7	05MAR99	15MAR99													
MT2720	Isolate Utilities for MO-934/2W	5	30MAR99	05APR99													
MT2725	Isolate Telecommunications for MO-934/2W	4	31MAR99	05APR99													
MT2730	MO-934/2W Facility Isolated	0		05APR99													
MT2735	Prep & submit Excess Documentation for MO-934/2W	3	06APR99	08APR99													
MT2740	Prep Water Ecn's & Work Package for MO-947/2E	7	24FEB99	04MAR99													
MT2745	Excavate/Shore for Water Isolation MO-947/2E	10	05MAR99	18MAR99													
MT2750	Cap/Isolate & Backfill Water Line MO-947/2E	7	19MAR99	29MAR99													

Project Start	01OCT98	Early Bar	Landlord Program	400 Area Fire Station Renovations	1.05.07.02.98
Project Finish	29SEP99	Progress Bar			
Start Date	01OCT98	Control Activity			
End Date	29SEP99				
Sheet 6 of 15	1999 MYWP	15/03/99	15/03/99	15/03/99	15/03/99

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
MT12755	Prep Electrical Ecn's & Work Package for MO-9472	7	05MAR99	15MAR99													
MT12760	Isolate Utilities for MO-9472E	5	30MAR99	05APR99													
MT12765	Isolate Telecommunications for MO-9472E	4	31MAR99	05APR99													
MT12770	MO-9472E Facility Isolated	0		05APR99													
MT12775	Prep & submit Excess Documentation for MO-9472E	3	06APR99	08APR99													
MT12780	Prep Water Ecn's & Work Package for MO-0402E	7	05MAR99	15MAR99													
MT12785	Excavate/Shore for Water Isolation MO-0402E	10	16MAR99	29MAR99													
MT12790	Cap/Isolate & Backfill Water Line MO-0402E	7	30MAR99	07APR99													
MT12795	Prep Electrical Ecn's & Work Package for MO-0402E	7	16MAR99	24MAR99													
MT12800	Isolate Utilities for MO-0402E	5	08APR99	14APR99													
MT12805	Isolate Telecommunications for MO-0402E	4	09APR99	14APR99													
MT12810	MO-0402E Facility Isolated	0		14APR99													
MT12815	Prep & submit Excess Documentation for MO-0402E	3	15APR99	19APR99													
MT12820	Prep Water Ecn's & Work Package for MO-0412E	7	24FEB99	04MAR99													
MT12825	Excavate/Shore for Water Isolation MO-0412E	10	05MAR99	18MAR99													
MT12830	Cap/Isolate & Backfill Water Line MO-0412E	7	19MAR99	29MAR99													
MT12835	Prep Electrical Ecn's & Work Package for MO-0412E	7	05MAR99	15MAR99													
MT12840	Isolate Utilities for MO-0412E	5	30MAR99	05APR99													
MT12845	Isolate Telecommunications for MO-0412E	4	31MAR99	05APR99													
MT12850	MO-0412E Facility Isolated	0		05APR99													
MT12855	Prep & submit Excess Documentation for MO-0412E	3	06APR99	08APR99													

Project Start	01OCT98	Early Bar	Landlord Program	400 Area Fire Station Renovations
Project Finish	26SEP98	Progress Bar		
Data Date	01OCT98	Critical Activity		
Run Date	03SEP98			

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FY 1999 MTWP

Date

Revision

Checked

Approved

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity		Activity Description	Orig Dur	Early Start	Early Finish	MILN	1998												1999												FY 1999 MYWP		Unscheduled / Approved	
ID							S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	Date	
MT2900		Prep Water Ecn's & Work Package for MO-955/600	7	10MAR99	15MAR99																													
MT2905		Excavate/Shore for Water Isolation MO-955/600	10	16MAR99	29MAR99																													
MT2910		Cap/Isolate & Backfill Water Line MO-955/600	7	30MAR99	07APR99																													
MT2915		Prep Electrical Ecn's & Work Package for MO-955/6	7	16MAR99	24MAR99																													
MT2920		Isolate Utilities for MO-955/600	5	08APR99	14APR99																													
MT2925		Isolate Telecommunications for MO-955/600	4	09APR99	14APR99																													
MT2930		MO-955/600 Facility Isolated	0		14APR99																													
MT2935		Prep & submit Excess Documentation for MO-955/60	3	15APR99	19APR99																													
MT2940		Prep Water Ecn's & Work Package for 2701EC/2E	7	16MAR99	24MAR99																													
MT2945		Excavate/Shore for Water Isolation 2701EC/2E	10	25MAR99	07APR99																													
MT2950		Cap/Isolate & Backfill Water Line 2701EC/2E	7	08APR99	16APR99																													
MT2955		Prep Electrical Ecn's & Work Package for 2701EC/2	7	25MAR99	02APR99																													
MT2960		Isolate Utilities for 2701EC/2E	5	19APR99	23APR99																													
MT2965		Isolate Telecommunications for 2701EC/2E	4	20APR99	23APR99																													
MT2970		2701EC/2E Facility Isolated	0		23APR99																													
MT2975		Prep & submit Excess Documentation for 2701EC/2E	3	26APR99	28APR99																													
MT3100		Prep Water Ecn's & Work Package for 2701M/2E	7	25MAR99	02APR99																													
MT3105		Excavate/Shore for Water Isolation 2701M/2E	10	05APR99	16APR99																													
MT3110		Cap/Isolate & Backfill Water Line 2701M/2E	7	19APR99	27APR99																													
MT3115		Prep Electrical Ecn's & Work Package for 2701M/2E	7	05APR99	13APR99																													
MT3120		Isolate Utilities for 2701M/2E	5	28APR99	04MAY99																													

Project Start
01OCT98

Project Finish
01OCT99

Data Date
03SEP98

Easy Bar

Progress Bar

Critical Activity

LAND SMSI

Landlord Program
400 Area Fire Station Renovations

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Landlord Program
400 Area Fire Station Renovations
1 05 07 02 90

LANDSARS

Early Bar
Progress Bar
Critical Activity

Project Start
Project Finish
Data Date
Non Date

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MILN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
MT3125	Isolate Telecommunications for 2701M/2E	4	29APR99	04MAY99													
MT3130	2701M/2E Facility Isolated	0		04MAY99													
MT3135	Prep & submit Excess Documentation for 2701M/2E	3	05MAY99	07MAY99													
MT3155	Prep Electrical Ecn's & Work Package for 2713E/2E	7	05APR99	13APR99													
MT3160	Isolate Utilities for 2713E/2E	5	14APR99	20APR99													
MT3165	Isolate Telecommunications for 2713E/2E	4	15APR99	20APR99													
MT3170	2713E/2E Facility Isolated	0		20APR99													
MT3175	Prep & submit Excess Documentation for 2719E/2E	3	21APR99	23APR99													
MT3195	Prep Electrical Ecn's & Work Package for 2715E/2E	7	05APR99	13APR99													
MT3200	Isolate Utilities for 2715E/2E	5	14APR99	20APR99													
MT3205	Isolate Telecommunications for 2715E/2E	4	15APR99	20APR99													
MT3210	2715E/2E Facility Isolated	0		20APR99													
MT3215	Prep & submit Excess Documentation for 2715E/2E	3	21APR99	23APR99													
MT3300	Prep Water Ecn's & Work Package for 2719E/2E	7	04MAY99	12MAY99													
MT3305	Excavate/Shore for Water Isolation 2719E/2E	10	13MAY99	26MAY99													
MT3310	Cap/Isolate & Backfill Water Line 2719E/2E	7	27MAY99	07JUN99													
MT3315	Prep Electrical Ecn's & Work Package for 2719E/2E	7	13MAY99	21MAY99													
MT3320	Isolate Utilities for 2719E/2E	5	08JUN99	14JUN99													
MT3325	Isolate Telecommunications for 2719E/2E	4	09JUN99	14JUN99													
MT3330	2719E/2E Facility Isolated	0		14JUN99													
MT3335	Prep & submit Excess Documentation for 2719E/2E	3	15JUN99	17JUN99													

Project Start 01OCT98 Date 01OCT98 Run Date 03SEP98	Early Bar Critical Path Critical Activity	JUNE 98B Landlord Program 400 Area Fire Station Renovations 1,05,07,02,09	Sheet 9 of 18 FY 1999 WBS Revision Date 03SEP98
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LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MILN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
MT3355	Prep Electrical Ecn's & Work Package for 2722E/ZE	7	24MAY99	02JUN99													Prep Electrical Ec
MT3360	Isolate Utilities for 2722E/ZE	5	03JUN99	08JUN99													Isolate Utilities for 2722E/ZE
MT3365	Isolate Telecommunications for 2722E/ZE	4	04JUN99	09JUN99													Isolate Telecom
MT3370	2722E/ZE Facility Isolated	0		09JUN99													2722E/ZE Facility Isolated
MT3375	Prep & submit Excess Documentation for 2722E/ZE	3	10JUN99	14JUN99													Prep & submit E
MT3380	Prep Water Ecn's & Work Package for 2704W/2W	7	03JUN99	11JUN99													Prep Water Ecn's
MT3385	Excavate/Shore for Water Isolation 2704W/2W	10	14JUN99	25JUN99													Excavate/Shore
MT3390	Cap/Isolate & Backfill Water Line 2704W/2W	7	26JUN99	08JUL99													Cap/Isolate &
MT3395	Prep Electrical Ecn's & Work Package for 2704W/2W	7	14JUN99	22JUN99													Prep Electrical
MT3400	Isolate Utilities for 2704W/2W	5	09JUL99	15JUL99													Isolate Utilities for 2704W/2W
MT3405	Isolate Telecommunications for 2704W/2W	4	12JUL99	16JUL99													Isolate Telec
MT3410	2704W/2W Facility Isolated	0		15JUL99													2704W/2W Facility Isolated
MT3415	Prep & submit Excess Documentation for 2704W/2W	3	16JUL99	20JUL99													Prep & sub
MT3560	Prep Water Ecn's & Work Package for 3701D/300	7	14JUN99	22JUN99													Prep Water Ecn
MT3565	Excavate/Shore for Water Isolation 3701D/300	10	23JUN99	08JUL99													Excavate/Sho
MT3570	Cap/Isolate & Backfill Water Line 3701D/300	7	09JUL99	19JUL99													Cap/Isolate
MT3575	Prep Electrical Ecn's & Work Package for 3701D/300	7	23JUN99	01JUL99													Prep Electrical
MT3580	Isolate Utilities for 3701D/300	5	20JUL99	26JUL99													Isolate Utilities for 3701D/300
MT3585	Isolate Telecommunications for 3701D/300	4	21JUL99	26JUL99													Isolate Tele
MT3590	3701D/300 Facility Isolated	0		26JUL99													3701D/300 Facility Isolated
MT3595	Prep & submit Excess Documentation for 3701D/300	3	27JUL99	29JUL99													Prep & sub

Project Start 01 OCT 98	Project End 01 OCT 98	Project Duration 03 SEP 98	Project Manager [Signature]	Project Sponsor [Signature]	Project Reviewer [Signature]	Project Approver [Signature]	Project Status [Status]
Project Name Landlord Program 400 Area Fire Station Renovations 1.06.07.02.09				Sheet 10 of 18 FY 1999 MRP DSE Revised Checked/Approved			

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
MT3600	Prep Water Ecn's & Work Package for 3701D/300		7/14/JUN/99	22/JUN/99													
MT3605	Excavate/Shore for Water Isolation 3701D/300	10	23/JUN/99	08/JUL/99													
MT3610	Cap/Isolate & Backfill Water Line 3701D/300	7	09/JUL/99	19/JUL/99													
MT3615	Prep Electrical Ecn's & Work Package for 3701D/300	7	23/JUN/99	01/JUL/99													
MT3620	Isolate Utilities for 3701D/300	5	20/JUL/99	26/JUL/99													
MT3625	Isolate Telecommunications for 3701D/300	4	21/JUL/99	26/JUL/99													
MT3630	3701D/300-Facility Isolated	0		26/JUL/99													
MT3635	Prep & submit Excess Documentation for 3701D/300	3	27/JUL/99	29/JUL/99													
MT3640	Prep Water Ecn's & Work Package for 3701U/300	7	14/JUN/99	22/JUN/99													
MT3645	Excavate/Shore for Water Isolation 3701U/300	10	23/JUN/99	08/JUL/99													
MT3650	Cap/Isolate & Backfill Water Line 3701U/300	7	09/JUL/99	19/JUL/99													
MT3655	Prep Electrical Ecn's & Work Package for 3701U/300	7	23/JUN/99	01/JUL/99													
MT3660	Isolate Utilities for 3701U/300	5	20/JUL/99	26/JUL/99													
MT3665	Isolate Telecommunications for 3701U/300	4	21/JUL/99	26/JUL/99													
MT3670	3701U/300-Facility Isolated	0		26/JUL/99													
MT3675	Prep & submit Excess Documentation for 3701U/300	3	27/JUL/99	29/JUL/99													
MT3680	Prep Water Ecn's & Work Package for 3719A/300	7	14/JUN/99	22/JUN/99													
MT3685	Excavate/Shore for Water Isolation 3719A/300	10	23/JUN/99	08/JUL/99													
MT3690	Cap/Isolate & Backfill Water Line 3719A/300	7	09/JUL/99	19/JUL/99													
MT3695	Prep Electrical Ecn's & Work Package for 3719A/300	7	23/JUN/99	01/JUL/99													
MT3700	Isolate Utilities for 3719A/300	5	20/JUL/99	26/JUL/99													

Project Start: 01/01/98
Project End: 28/SEP/98
Date: 01/OCT/98
Run Date: 03/SEP/98

Landlord Program
400 Area Fire Station Renovations

Sheet 11 of 16

RY 1999 WMP

Disc: _____
Recorded: _____
Checked: _____
Approved: _____

HNF-SP-1242, Rev. 1

LAND SMSI		Sheet 12 of 18	
Project Start	01OCT08	7 Early Bar	Date
Project Finish	26SEP08	8 Progress Bar	Reason
Data Date	01OCT10	9 Critical Activity	
Run Date	03SEP10		
		400 Area Fire Station Renovations	
		Landlord Program	
		FY 1999 MWP	

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MILN	1999												1998												Sheet 13 of 18				
						S	O	N	D	I	F	T	M	A	J	J	A	S	T	O	N	D	I	F	T	M	A	J	J		A	S	T	O
MT3810	Cap/Isolate & Backfill Water Line 4719/400	7	20JUL99	28JUL99																														
MT3815	Prep Electrical Ecn's & Work Package for 4719/400	7	08JUL99	14JUL99																														
MT3820	Isolate Utilities for 4719/400	5	28JUL99	04AUG99																														
MT3825	Isolate Telecommunications for 4719/400	4	30JUL99	04AUG99																														
MT3830	4719/400 Facility Isolated	0		04AUG99																														
MT3835	Prep & submit Excess Documentation for 4719/400	3	05AUG99	09AUG99																														
MT3925	Utility Isolation Infrastructure Buildings	0		09AUG99	LLC-99-161																													
Subtotal	Prep Electrical Ecn's & Work Package for MO-378/4	7	14JAN99	22JAN99																														
1.05.01.08.03.21 Shutdown Infrastructure Buildings																																		
MT6100	Cleanout Facilities MO-040/2E	20	10OCT98	28OCT98																														
MT6110	Inspect Cleaned out Facility MO-040/2E	10	28OCT98	11NOV98																														
MT6120	Perform CM/Post/Turn-off MO-040/2E	25	12NOV98	18DEC98																														
MT6130	Cleanout Facilities MO-393/2E	20	15OCT98	11NOV98																														
MT6140	Inspect Cleaned out Facility MO-393/2E	10	12NOV98	25NOV98																														
MT6150	Perform CM/Post/Turn-off MO-393/2E	25	30NOV98	06JAN99																														
MT6160	Cleanout Facilities MO-863/2E	20	29OCT98	25NOV98																														
MT6170	Inspect Cleaned out Facility MO-863/2E	10	30NOV98	11DEC98																														
MT6180	Perform CM/Post/Turn-off MO-863/2E	25	14DEC98	20JAN99																														
MT6190	Cleanout Facilities MO-934/2E	20	12NOV98	11DEC98																														
MT6200	Inspect Cleaned out Facility MO-934/2E	10	14DEC98	29DEC98																														
MT6210	Perform CM/Post/Turn-off MO-934/2E	25	30DEC98	03FEB99																														
MT6220	Cleanout Facilities MO-936/2W	20	14DEC98	13JAN99																														

Project Start
01OCT98

Project Finish
28SEP99

Project Bar
01OCT98

Project Data Date
03SEP99

E-W Bar
01OCT98

Progress Bar
01OCT98

Critical Activity
03SEP99

LANG:MSIS

Landlord Program
400 Area Fire Station Renovations

01OCT98
28SEP99
01OCT98
03SEP99

E-W Bar
01OCT98
Progress Bar
01OCT98
Critical Activity
03SEP99

LANG:MSIS

Landlord Program
400 Area Fire Station Renovations

01OCT98
28SEP99
01OCT98
03SEP99

E-W Bar
01OCT98
Progress Bar
01OCT98
Critical Activity
03SEP99

LANG:MSIS

Landlord Program
400 Area Fire Station Renovations

01OCT98
28SEP99
01OCT98
03SEP99

E-W Bar
01OCT98
Progress Bar
01OCT98
Critical Activity
03SEP99

LANG:MSIS

Landlord Program
400 Area Fire Station Renovations

01OCT98
28SEP99
01OCT98
03SEP99

E-W Bar
01OCT98
Progress Bar
01OCT98
Critical Activity
03SEP99

LANG:MSIS

Landlord Program
400 Area Fire Station Renovations

01OCT98
28SEP99
01OCT98
03SEP99

E-W Bar
01OCT98
Progress Bar
01OCT98
Critical Activity
03SEP99

LANG:MSIS

Landlord Program
400 Area Fire Station Renovations

01OCT98
28SEP99
01OCT98
03SEP99

E-W Bar
01OCT98
Progress Bar
01OCT98
Critical Activity
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LANG:MSIS

Landlord Program
400 Area Fire Station Renovations

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LANG:MSIS

Landlord Program
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Landlord Program
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Landlord Program
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E-W Bar
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Critical Activity
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LANG:MSIS

Landlord Program
400 Area Fire Station Renovations

01OCT98
28SEP99

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MILN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
MT6230	Inspect Cleaned out Facility MO-338/2W	10	14JAN99	27JAN99													Inspect Cleaned out Facility MO-
MT6240	Perform CM/Post/turn-off MO-936/2W	25	28JAN99	04MAR99													Perform CM/Post/turn-off M
MT6300	Cleanout Facilities 3701D/300	20	14JAN99	10FEB99													Cleanout Facilities 3701D/300
MT6310	Inspect Cleaned out Facility 3701D/300	10	11FEB99	25FEB99													Inspect Cleaned out Facility
MT6320	Perform CM/Post/turn-off 3701D/300	25	26FEB99	07APR99													Perform CM/Post/turn-off
MT6330	Cleanout Facilities 3719A/300	20	21JAN99	18FEB99													Cleanout Facilities 3719A/300
MT6340	Inspect Cleaned out Facility 3719A/300	10	19FEB99	04MAR99													Inspect Cleaned out Facility
MT6350	Perform CM/Post/turn-off 3719A/300	25	05MAR99	08APR99													Perform CM/Post/turn-o
MT6360	Cleanout Facilities 3763/300	20	28JAN99	25FEB99													Cleanout Facilities 3763/300
MT6370	Inspect Cleaned out Facility 3763/300	10	26FEB99	11MAR99													Inspect Cleaned out Facilit
MT6380	Perform CM/Post/turn-off 3763/300	25	12MAR99	15APR99													Perform CM/Post/turn-
MT6390	Cleanout Facilities 3768/300	20	04FEB99	04MAR99													Cleanout Facilities 3768/300
MT6400	Inspect Cleaned out Facility 3768/300	10	05MAR99	18MAR99													Inspect Cleaned out Facilit
MT6410	Perform CM/Post/turn-off 3768/300	25	19MAR99	22APR99													Perform CM/Post/turn
MT6420	Cleanout Facilities 4722B/400	20	11FEB99	11MAR99													Cleanout Facilities 4722B/4
MT6430	Inspect Cleaned out Facility 4722B/400	10	12MAR99	28MAR99													Inspect Cleaned out Facill
MT6440	Perform CM/Post/turn-off 4722B/400	25	26MAR99	29APR99													Perform CM/Post/turn
MT6450	Cleanout Facilities 622G/600	20	12MAR99	08APR99													Cleanout Facilities 622G
MT6460	Inspect Cleaned out Facility 622G/600	10	09APR99	22APR99													Inspect Cleaned out F
MT6470	Perform CM/Post/turn-off 622G/600	25	23APR99	27MAY99													Perform CM/Post/turn
MT6480	Cleanout Facilities MO-390/600	20	19MAR99	15APR99													Cleanout Facilities MO-

Project Start 01OCT98	Project Finish 01OCT98	Run Date 03SEP98	Early Bar [Bar]	Progress Bar [Bar]	Critical Activity [Bar]	Landlord Program 400 Area Fire Station Renovations	Sheet 14 of 18	FY 1999 WY1999 Revision	03SEP98/1500002
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Project Start	01/01/18	Early Bar	LANC/SMB	Sheet 15 of 18	FY 18/19 WMP	Created	Approved
Project Finish	20SEP18	Program 8er					
Data Date	01/01/18	Critical Activity					
Run Date	03SEP18						

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LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MLN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
Subtotal		64	05APR99	06JUL99													
1.05.01.10.03.19 Surveillance/Maintenance of Vacant Warehouses																	
MT1020	Surveillance/Maintenance of 2 Warehouses	251	01OCT98	30SEP99													Surv
Subtotal		251	01OCT98	30SEP99													
1.05.01.10.03.20 Utility Isolation Infrastructure Warehouses																	
MT2875	Prep Electrical Ecn's & Work Package for 275AE/2E	7	05MAR99	15MAR99													Prep Electrical Ecn's & Wo
MT2880	Isolate Utilities for 275AE/2E	5	16MAR99	22MAR99													Isolate Utilities for 275AE/
MT2885	Isolate Telecommunications for 275AE/2E	4	17MAR99	22MAR99													Isolate Telecommunicatio
MT2890	275AE/2E Facility Isolated	0		22MAR99													275AE/2E Facility Isolated
MT2895	Prep & submit Excess Documentation for 275AE/2E	3	23MAR99	25MAR99													Prep & submit Excess Do
MT3275	Prep Electrical Ecn's & Work Package for 2715M/2E	7	04MAY99	12MAY99													Prep Electrical Ecn
MT3280	Isolate Utilities for 2715M/2E	5	13MAY99	16MAY99													Isolate Utilities for
MT3290	2715M/2E Facility Isolated	0		19MAY99													2715M/2E Facility Isolated
MT3295	Prep & submit Excess Documentation for 2715M/2E	3	20MAY99	24MAY99													Prep & submit Exc
MT3840	Prep Water Ecn's & Work Package for 4722B/400	7	23JUN99	01JUL99													Prep Water Ec
MT3845	Excavate/Shore for Water Isolation 4722B/400	10	06JUL99	19JUL99													Excavate/Sh
MT3850	Cap/Isolate & Backfill Water Line 4722B/400	7	20JUL99	28JUL99													Cap/Isolate
MT3855	Prep Electrical Ecn's & Work Package for 4722B/400	7	06JUL99	14JUL99													Prep Electric
MT3860	Isolate Utilities for 4722B/400	5	29JUL99	04AUG99													Isolate Utilities for 4722B/400
MT3865	Isolate Telecommunications for 4722B/400	4	30JUL99	04AUG99													Isolate Tel
MT3870	4722B/400 Facility Isolated	0		04AUG99													4722B/400 Facility Isolated
MT3875	Prep & submit Excess Documentation for 4722B/400	3	05AUG99	09AUG99													Prep & su

Project Start	01OCT98	Early Bar		Landlord Program 400 Area Fire Station Renovations 1.05.07.02.99
Project Finish	28SEP99	Progress Bar		
Start Date	01OCT98	Critical Activity		
End Date	30SEP99			
Sheet 17 of 18			FY 1999 WYWP	
Date:			Date:	
Reason:			Reason:	
Checked:			Checked:	

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

Activity ID	Activity Description	Orig Dur	Early Start	Early Finish	MILN	1999											
						S	O	N	D	J	F	M	A	M	J	J	A
MT3880	Prep Water Ecn's & Work Package for 4734D/400	7	23JUN99	01JUL99													
MT3885	Excavate/Shore for Water Isolation 4734D/400	10	06JUL99	19JUL99													
MT3890	Cap/Isolate & Backfill Water Line 4734D/400	7	20JUL99	28JUL99													
MT3895	Prep Electrical Ecn's & Work Package for 4734D/400	7	06JUL99	14JUL99													
MT3900	Isolate Utilities for 4734D/400	5	29JUL99	04AUG99													
MT3905	Isolate Telecommunications for 4734D/400	4	30JUL99	04AUG99													
MT3910	4734D/400 Facility Isolated	0		04AUG99													
MT3915	Prep & submit Excess Documentation for 4734D/400	3	05AUG99	09AUG99													
Subtotal		109	05MAR99	09AUG99													

Project Start 9/10/98	Project Finish 2/26/99	Project Bar 9/10/98	Project Activity 9/10/98	Landlord Program 400 Area Fire Station Renovations	10/07/02.09
Early Bar Progress Bar Critical Activity			LANO:JMSI Since 10/1/98 FY 1999 WYDP REMARKS Checked/Approved		

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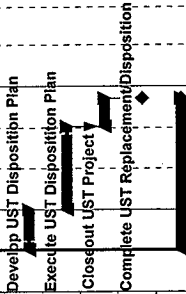
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LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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Activity ID	Activity Description	Orig Dur	Early		Early Finish	MLN	1998												1999											
			Start	Finish			A	S	O	N	D	J	F	M	A	M	J	J	A	A	S									
1.05.01.05.04.30 Underground Storage Tanks Replacement/Di																														
UG1000	Develop UST Disposition Plan	21	01SEP98	30SEP98			Develop UST Disposition Plan																							
UG1010	Execute UST Disposition Plan	42	01OCT98	01DEC98			Execute UST Disposition Plan																							
UG1020	Closout UST Project	15	02DEC98	22DEC98			Closout UST Project																							
UG1030	Complete UST Replacement/Disposition	0		22DEC98		LLP-99-365	Complete UST Replacement/Disposition																							
Subtotal		78	01SEP98	22DEC98																										



Project Start 01SEP98	Project Finish 22DEC98	Project Date 01SEP98	Run Date 21NOV98
Early Bar Progress Bar Critical Activity			
Landlord Program Underground Storage Tanks 1.05.01.05.04.30			
Sheet 1 of 1 Use Revision Use Revision			
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LANDLORD PROJECT WBS 1.5

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Page 1

HMP/SSPP PLANNING MILESTONE LIST
REPORTING PERIOD 10/01/98 TO 9/30/99

MILESTONE CONTROL #	TPA-MS NUMBER	TPA TYPE	MS LEVEL	MS TITLE	TYPE	DATES		DNFSB	TIP	PBS #
						PLANNED BASELINE	TPA/DNFSB COMMIT			
LLP-99-001		RL	RL	COMPLETE ANNUAL MULTI-YEAR WORK PLAN	OTH	8/30/99		N	N	RL-TP13
LLP-99-370		RL	RL	COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING OF PROJECT L-299		7/30/99		N	N	RL-TP13
LLP-99-350		RL	RL	COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING FOR PROJECT L-291		8/27/99		N	N	RL-TP13
LLP-99-225		RL	RL	COMPLETE CONSTRUCTION INCLUDING ACCEPTANCE TESTING FOR PRJ L-281		5/30/99		N	N	RL-TP13
LLP-99-330		RL	RL	COMPLETE CLOSURE OF SIX ABANDONED SEPTIC SYSTEMS		7/30/99		N	N	RL-TP13
LLP-99-310		RL	RL	COMPLETE IMPLEMENTATION PLAN FOR DISPOSITION OF ABANDONED SITES		3/31/99		N	N	RL-TP13
LLP-99-311		RL	RL	COMPLETE 384 POWERHOUSE FUEL TANKS CLOSURE PLAN		2/19/99		N	N	RL-TP13
LLP-99-345		RL	RL	COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING FOR PROJECT L-294		8/27/99		N	N	RL-TP13
LLP-99-365		RL	RL	COMPLETE UNDERGROUND STORAGE TANKS REPLACEMENT/DISPOSITION (LMS1)		12/22/98		N	N	RL-TP13
LLP-99-311		RL	RL	COMPLETE 384 POWERHOUSE FUEL TANKS CLOSURE PLAN		2/19/99		N	N	RL-TP13
LLP-99-305		RL	RL	COMPLETE NEPA DOCUMENTATION FOR FINAL CLOSURE OF LANDFILL		1/28/99		N	N	RL-TP13
LLP-99-315		RL	RL	COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING FOR PROJECT L-292		8/27/99		N	N	RL-TP13
LLP-99-320		RL	RL	COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING FOR PROJECT L-293		8/06/99		N	N	RL-TP13
LLP-99-325		RL	RL	COMPLETE MODIFICATIONS & ACCEPTANCE TESTING OF 400A FIRE STATION		7/30/99		N	N	RL-TP13
LLP-99-340		RL	RL	COMPLETE DEFINITIVE DESIGN FOR PROJECT L-270		7/30/99		N	N	RL-TP13
LLP-99-300		RL	RL	SURVEILLANCE/MAINTENANCE, SHUTDOWN, AND UTILITIES ISOLATION		9/17/99		N	N	RL-TP13
LLP-99-360		RL	RL	COMPLETE PROJECT L-298, "ROAD RESURFACING"		9/30/99		N	N	RL-TP13
LLP-99-355		RL	RL	COMPLETE PERMITTING AND DEFINITIVE DESIGN FOR PROJECT L-297		8/30/99		N	N	RL-TP13
LLP-99-356		RL	RL	COMPLETE NEPA DOCUMENTATION FOR PROJECT L-297		1/28/99		N	N	RL-TP13
LLP-99-115		RL	RL	COMPLETE DISPOSITION OF 1 WELL CAR, 2 AIR COMPRESSORS, 1 CRANE		9/10/99		N	N	RL-TP13
LLP-99-335		RL	RL	COMPLETE CHAPTER 6 OF THE HRA-ETS & CLUP		4/30/99		N	N	RL-TP13
LLP-99-336		RL	RL	OUTLEASE DEVELOPMENT PROCESS	OTH	1/15/99				RL-TP13
LLP-99-337		RL	RL	SUPPORT DISPOSAL OF 703 BUILDING	OTH	1/29/99				RL-TP13
LLP-99-338		RL	RL	IMPLEMENTATION PROCEDURES FOR THE COMPREHENSIVE LAND USE PLAN	OTH	9/30/99				RL-TP13
LLP-99-339		RL	RL	FACILITY AND LAND USE MANAGEMENT PROCESS	OTH	8/31/99				RL-TP13

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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B.3.3 Milestone List (RL, DOE-HQ, EA)

Milestone (M/S) Type	M/S Control Number	RL WBS Number	CAPN	Milestone Description	Due Date
RL	LLP-99-001	1.05.01.08.02	1F2AAA	Complete Annual Multi-Year Work Plan	08/30/99
RL	LLP-99-115	1.05.01.13.04.18.01 1.05.01.13.04.18.02 1.05.01.13.04.18.03 1.05.01.12.04.18.04 1.05.01.12.04.18.05	1F3XAA	Complete Equipment Disposition of: One Rail Well Car, Two Air Compressors on Trailers, and One Mobile Crane	09/10/99
RL	LLP-99-220	1.05.01.02.02.03.02	4F2W8B	Complete Construction and Acceptance Testing for Project L-286, "200 East Area Sanitary Waste Water Plant Effluent Stream Reduction"	2/28/99- Proposed revision 4/30/99
RL	LLP-99-225	1.05.01.03.02.02.02	4F2S8A	Complete Construction and Acceptance Testing for Project L-281, "200 West Area Regional Drainfield"	05/30/99
RL	LLP-99-300	1.05.01.08.03.19 1.05.01.09.03.19 1.05.01.10.03.19 1.05.01.04.03.19 1.05.01.01.03.19 1.05.01.08.03.20 1.05.01.09.03.20 1.05.01.10.03.20 1.05.01.08.03.21	1F1M	Surveillance/Maintenance, Shutdown and Utilities Isolation of General Purpose Facilities	09/17/99
RL	LLP-99-305	1.05.01.06.04.01.01	1F2C8D	Complete National Environmental Policy Act (NEPA) Documentation for Public Comment for Final Closure of Central Solid Waste Landfill	1/28/99
RL	LLP-99-310	1.05.01.03.04.16	1F2DAA	Complete Implementation Plan for Disposition/Closure of Abandoned Waste Sites Assigned to the Infrastructure Project	03/31/99
RL	LLP-99-311	1.05.01.03.04.16	1F2DAA	Complete 384 Powerhouse Fuel Oil Tanks Closure Plan	02/19/99
RL	LLP-99-315	1.05.01.07.02.04	1F2F8A	Complete Construction and Acceptance Testing for Project L-292, "Emergency Preparedness Control Station"	08/27/99
RL	LLP-99-320	1.05.01.07.02.06	1F2F8B	Complete Construction and Acceptance Testing for Project L-293, "Emergency Preparedness System Upgrade"	08/06/99
RL	LLP-99-325	1.05.01.07.02.09	1F2F9E	Complete Modifications and Acceptance Testing of the 400 Area Fire Station	07/30/99
RL	LLP-99-330	1.05.01.03.04.15	1F2SAA	Complete Closure of Six Abandoned Septic Systems	07/30/99
RL	LLP-99-335	1.05.01.14.03.12	1F2ZAA	Complete Chapter 6 of the HRA-EIS & CLUP to the RL Site Infrastructure Division (SID) Restoration Projects Division (RPD)	04/30/99
RL	LLP-99-336	1.05.01.14.03.12	1F2ZAA	Outlease Development Process	01/15/99
RL	LLP-99-337	1.05.01.14.03.12	1F2ZAA	Support Disposal of 703 Building	01/29/99
RL	LLP-99-338	1.05.01.14.03.12	1F2ZAA	Implementation Procedures for the Comprehensive Land Use Plan	09/30/99
RL	LLP-99-339	1.05.01.14.03.12	1F2ZAA	Facility and Land Use Management Process	08/31/99
RL	LLP-99-340	1.05.01.07.02.11.02	4F2F9C	Complete Definitive Design for Project L-270, "Emergency Services Renovation (200 Area)"	07/30/99
RL	LLP-99-345	1.05.01.05.02.13.02	4F2T9A	Complete Construction and Acceptance Testing for Project L-294, "Broadband End-of-Life Conversion"	08/27/99
RL	LLP-99-350	1.05.01.02.02.14.02	4F2W9B	Complete Construction and Acceptance Testing for Project L-291, "Sanitary Water & Sewer to Patrol Training Academy"	08/27/99
RL	LLP-99-355	1.05.01.13.04.18.01	1F3XAB	Complete Permitting and Definitive Design for Project L-297, "Equipment Disposition Project" Temporary Enclosure	08/30/99
RL	LLP-99-356	1.05.01.13.04.18.01	1F3XAB	Complete National Environmental Policy Act (NEPA) for Project L-297, "Equipment Disposition Project"	01/28/99
RL	LLP-99-360	1.05.01.12.02.22.01	1F2RAA	Complete Project L-298, "Road Resurfacing"	09/30/99
RL	LLP-99-365	1.05.01.05.04.30	1F1DAA	Complete Underground Storage Tanks Replacement/Disposition (LMS)	12/22/88
RL	LLP-99-370	1.05.01.02.02.05.02	5F2W9C	Complete Construction and Acceptance Testing for Project L-299 "300 Area Water Plant Chlorine System Modification"	07/30/99

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan B.3.3. Milestone List (RL, DOE-HQ, EA)

HNF-SP-1242, Rev. 1

Activity Description	Baseline Date	Milestone Type	Milestone Number	FY 1999											
				O	N	D	J	F	M	A	M	J	J	A	S
Complete Annual Multi-Year Work Plan	08/30/99	RL	LLP-99-001												⊙
Complete Equipment Disposition of: One Rail Well Car, Two Air Compressors on Trailers, and One Mobile Crane	09/10/99	RL	LLP-99-115												⊙
Complete Construction and Acceptance Testing for Project L-286, "200 East Area Sanitary Waste Water Plant Effluent Stream Reduction"	04/30/99	RL	LLP-99-220									⊙			
Complete Construction and Acceptance Testing for Project L-281, "200 West Area Regional Drainfield"	05/30/99	RL	LLP-99-225										⊙		
Surveillance/Maintenance, Shutdown & Utilities Isolation of General Purpose Facilities	09/17/99	RL	LLP-99-300												⊙
Complete NEPA Documentation for Public Comment for Final Closure of Central Solid Waste Landfill	01/28/99	RL	LLP-99-305				⊙								
Complete Implementation Plan for Disposition/ Closure of Abandoned Waste Sites Assigned to the Infrastructure Project	03/31/99	RL	LLP-99-310									⊙			
Complete 384 Powerhouse Fuel Oil Tanks Closure Plan	02/19/99	RL	LLP-99-311					⊙							
Complete Construction and Acceptance Testing for Project L-292, "Install and Configure Emergency Preparedness Control Station"	08/27/99	RL	LLP-99-315												⊙
Complete Construction and Acceptance Testing for Project L-293, "Emergency Preparedness System Upgrade"	08/06/99	RL	LLP-99-320												⊙
Complete Modifications and Acceptance Testing of the 400 Area Fire Station	07/30/99	RL	LLP-99-325												⊙
Complete Closure of Six Abandoned Septic Systems	07/30/99	RL	LLP-99-330												⊙
Complete Chapter 6 of the HRA-EIS & CLUP to the RL Site Infrastructure & Restoration Projects Division	04/30/99	RL	LLP-99-335									⊙			
Outlease Development Process	01/15/99	RL	LLP-99-336				⊙								
Support Disposal of 703 Building	01/29/99	RL	LLP-99-337				⊙								
Implementation Procedures for the Comprehensive Land Use Plan	09/30/99	RL	LLP-99-338												⊙
Facility and Land Use Management Process	08/31/99	RL	LLP-99-339												⊙
Complete Definitive Design for Project L-270, "Emergency Services Renovation (200 Area)"	07/30/99	RL	LLP-99-340												⊙
Complete Construction and Acceptance Testing for Project L-294, "Broadband End-of-Life Conversion"	08/27/99	RL	LLP-99-345												⊙
Complete Construction and Acceptance Testing for Project L-291, "Sanitary Water & Sewer to Patrol Training Academy"	08/27/99	RL	LLP-99-350												⊙
Complete Permitting and Definitive Design for Project L-297, "Equipment Disposition Project" Temporary Enclosure	08/30/99	RL	LLP-99-355												⊙
Complete National Environmental Policy Act (NEPA) for Project L-297, "Equipment Disposition Project" Temporary Enclosure	01/28/99	RL	LLP-99-356					⊙							
Complete Project L-298, "Road Resurfacing"	09/30/99	RL	LLP-99-360												⊙
Complete Underground Storage Tanks Replacement/Disposition LMSI	12/22/98	RL	LLP-99-365				⊙								
Complete Construction and Acceptance Testing for Project L-299, "300 Area Water Plant Chlorine System Modification"	07/30/99	RL	LLP-99-370												⊙
Milestone Type: ⊙ DOE-RL															

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE ANNUAL MULTI-YEAR WORK PLAN				Date: 9/11/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.08.02				Due Date: 8/30/99	
PBS No: RL-TP13					
MC #: LLP-99-001			TPA No:		Rev: 0
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:	
DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG OTHER TIP	DNFSB (Y/N): N COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) Multi-Year Work Plan	DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Prepare an annual update of the Landlord Project Multi-Year Work Plan and transmit the document to FDH and RL Infrastructure Division for approval.					
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes transmittal by letter of a draft annual update of the Landlord Project Multi-Year Work Plan to the Director of FDH Infrastructure and RL Site Infrastructure Division for approval.					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

**PHMC
MILESTONE DESCRIPTION SHEET**

Title: COMPLETE DISPOSITION OF 1 WELL CAR, 2 AIR COMPRESSORS, 1 CRANE			Date: 8/21/98	
Assigned To: Landlord Project			CIN:	
Program WBS Designator: 1.05.01.13.04.18.01			Due Date: 9/10/99	
PBS No: RL-TP13				
MC #: LLP-99-115		TPA No:		Rev: 1
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Acceptance of Completed Work	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure
Milestone Description: Complete disposition of one well/cask car, two air compressors on trailers, and one mobile crane. Work scope includes the characterization, dismantling, as necessary, decontamination, burial of contaminated waste, and excessing of cleaned material and equipment.				
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes a signed Acceptance of Completed Work (ACW), which includes signed acceptance from the Low Level Waste Burial Grounds signifying burial of contaminated elements of the equipment disposition above. The ACW is to be signed by: DOE-RL: Representative from Site Infrastructure Division FDH: Representative from Infrastructure Division DynCorp: Representative from Landlord Project DynCorp: Representative from Environmental Program and Compliance				

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MEILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING FOR PROJECT L-286				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.02.02.03.02				Due Date: 4/30/99	
PBS No: RL-TP13					
MC #: LLP-99-220			TPA No:		Rev: 1
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) OAC, Sections I and II	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete construction for Project L-286, '200 East Area Sanitary Water Plant Effluent Stream Reduction,' including acceptance testing, verifying system operability.					
Description of what constitutes completion of this milestone: Completion of the Official Acceptance of Construction, Sections I and II, signed by the following: DOE-RL: Representative from the Project Management Division DOE-RL: Representative from the Site Infrastructure Division FDH: Representative from Infrastructure Division DynCorp: Representative from Utilities DynCorp: Representative from Landlord Project					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION INCLUDING ACCEPTANCE TESTING FOR PRJ L-281				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.03.02.02.02				Due Date: 5/30/99	
PBS No: RL-TP13					
MC #: LLP-99-225			TPA No:		Rev: 0
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:	
X DOE-HQ DOE-RL DOE-FO CONTRACTOR	EA PEG OTHER TIP	DNFSB (Y/N): N COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) OAC, Sections I and II	DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete construction for Project L-281, '200 West Area Regional Drain Field,' including acceptance testing, verifying system operability.					
Description of what constitutes completion of this milestone: Completion of Official Acceptance of Construction, Sections I and II, signed and dated by the following: DOE-RL: Representative from the Project Management Division DOE-RL: Representative from Site Infrastructure Division FDH: Representative from Infrastructure Division DynCorp: Representative from Utilities DynCorp: Representative from Landlord Project					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

**PHMC
MILESTONE DESCRIPTION SHEET**

Title: SURVEILLANCE/MAINTENANCE, SHUTDOWN, AND UTILITIES ISOLATION			Date: 8/21/98	
Assigned To: Landlord Project			CIN:	
Program WBS Designator: 1.05.01.08.03.20			Due Date: 9/17/99	
PBS No: RL-TP13				
MC #: LLP-99-300		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: X Report Letter Drawing(s) Other (Specify)	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure
Milestone Description: This project consists of three separate areas of work: surveillance and maintenance of vacant facilities, shutdown, and utilities isolation. The fiscal year goal is to (1) Surveil and maintain 50 vacant facilities minimizing cost, safety, and environmental issues; (2) Shutdown, vacate, and place in cheap-to-keep status 17 facilities; and (3) Isolate the utilities of 50 vacant facilities to reduce operational costs and prepare these facilities for final disposition.				
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes a summary report transmitted to FDH and DOE-RL to document facilities in FY 1999 that were surveilled/maintained, shutdown, and utilities isolated. The report will be transmitted to FDH and RL Infrastructure Division by September 17, 1999, with supporting documentation.				

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE NEPA DOCUMENTATION FOR FINAL CLOSURE OF LANDFILL			Date: 8/21/98	
Assigned To: Landlord Project			CIN:	
Program WBS Designator: 1.05.01.06.04.01.01			Due Date: 1/28/99	
PBS No: RL-TP13				
MC #: LLP-99-305		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report X Letter Drawing(s) Other (Specify)	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure
Milestone Description: Complete National Environmental Policy Act (NEPA) Documentation for Final Closure of Central Solid Waste Landfill, assumed to be an Environmental Assessment. This activity includes the preparation of the NEPA review package; reviews by the PHMC, RL, stakeholders, and public; and determination issued by RL Site Manager.				
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes submittal by letter of the final draft of the NEPA Document (Environmental Assessment) to RL for public comment for final closure of the Central Solid Waste Landfill.				

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

PHMC

HNF-SP-1242, Rev. 1

MILESTONE DESCRIPTION SHEET

Title: COMPLETE IMPLEMENTATION PLAN FOR DISPOSITION OF ABANDONED SITES				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.03.04.16				Due Date: 3/31/99	
PBS No: RL-TP13					
MC #: LLP-99-310			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE: Report X Letter Drawing(s) X Other (Specify) Implementation Plan	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Prepare an Implementation Plan for disposition/closure of abandoned waste sites (255) assigned to the Infrastructure Subcontractor (DynCorp).					
Description of what constitutes completion of this milestone: Successful completion of this milestone is the transmittal by letter of the Implementation Plan for disposition/closure of abandoned waste sites (255) to FDH Infrastructure and RL Site Infrastructure Division.					

LANDLORD PROJECT
WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE 384 POWERHOUSE FUEL TANKS CLOSURE PLAN				Date: 8/22/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.03.04.16				Due Date: 2/19/99	
PBS No: RL-TP13					
MC #: LLP-99-311			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report X Letter Drawing(s) Other (Specify)	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete activities necessary to prepare a draft closure plan for review by DOE-RL. Activities will include, but are not limited to, characterization of the site assessment process described in the WAC 173-360-390. A closure plan will be drafted by February 19, 1999 based on the findings of the assessment.					
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes transmittal by letter of a draft closure plan to disposition the 384 Powerhouse Fuel Oil Tanks.					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

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**PHMC
MILESTONE DESCRIPTION SHEET**

Title: COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING FOR PROJECT L-292				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.07.02.04				Due Date: 8/27/99	
PBS No: RL-TP13					
MC #: LLP-99-315			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Acceptance of Completed Work	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete construction and acceptance testing for Project L-292, 'Emergency Preparedness Control Station,' verifying the system performs to the design requirements of this project.					
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes approval of the Acceptance of Completed Work for construction completion of Project L-292, Emergency Preparedness Control Station, including acceptance testing, verifying the system is operable. Required approvals on the Acceptance of Completed Work are: DOE-RL: Representative from Quality, Safety, and Health Program Division FDH: Representative from Emergency Preparedness FDH: Representative from the Infrastructure Division DynCorp: Representative from the Landlord Project					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

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**PHMC
MILESTONE DESCRIPTION SHEET**

Title: COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING FOR PROJECT L-293			Date: 8/21/98	
Assigned To: Landlord Project			CIN:	
Program WBS Designator: 1.05.01.07.02.06			Due Date: 8/06/99	
PBS No: RL-TP13				
MC #: LLP-99-320		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Acceptance of Completed Work	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure
Milestone Description: Successful completion of this milestone constitutes completion of construction and acceptance testing for Project L-293, 'Emergency Preparedness System Upgrade,' verifying the system is operable.				
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes construction completion and acceptance testing for Project L-293, 'Emergency Preparedness System Upgrade.' Required approvals of the Acceptance of Completed Work are: DOE-RL: Representative from Quality, Safety and Health Program Division FDH: Representative from Infrastructure Division FDH: Representative from Emergency Preparedness DynCorp: Representative from Landlord Project				

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE MODIFICATIONS & ACCEPTANCE TESTING OF 400A FIRE STATION				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.07.02.09				Due Date: 7/30/99	
PBS No: RL-TP13					
MC #: LLP-99-325			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Acceptance of Completed Work	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete roof structure modifications and installation and acceptance testing of a replacement HVAC unit for the 400 Area Fire Station.					
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes roof and HVAC modifications complete and operational. Required approvals of an Acceptance of Completed Work are: DOE-RL: Representative from the Site Infrastructure Division FDH: Representative from the Infrastructure Division DynCorp: Representative from the Hanford Fire Department DynCorp: Representative from the Landlord Project					

**LANDLORD PROJECT
WBS 1.5**

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PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CLOSURE OF SIX ABANDONED SEPTIC SYSTEMS			Date: 8/21/98	
Assigned To: Landlord Project			CIN:	
Program WBS Designator: 1.05.01.03.04.15			Due Date: 7/30/99	
PBS No: RL-TP13				
MC #: LLP-99-330		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Acceptance of Completed Work	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure
Milestone Description: Complete the final disposition of six abandoned septic systems in the outer areas (100, 200, and 600) to meet Washington State Administrative Codes. The work includes isolation of the septic tanks, pumping sewage, and filling the tanks with soil. All drain fields will be abandoned in place and require no further action.				
Description of what constitutes completion of this milestone: Approval of the final closure of six abandoned septic systems to meet Washington State Administrative Codes. Required approvals of the Acceptance of Completed Work are: DOE-RL: Representative from Site Infrastructure Division FDH: Representative from the Infrastructure Division DynCorp: Representative from the Environmental Program and Compliance Group DynCorp: Representative from the Landlord Project				

**LANDLORD PROJECT
WBS 1.5**

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PHMC

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MILESTONE DESCRIPTION SHEET

Title: COMPLETE CHAPTER 6 OF THE HRA-EIS & CLUP TO THE RL SID & RPD				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.14.03.12				Due Date: 4/30/99	
PBS No: RL-TP13					
MC #: LLP-99-335			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) HRA-EIS & CLUP Chapter 6	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) Restoration Prj Division & FDH	
Milestone Description: Completion and transmittal of Chapter 6 of the Hanford Remedial Action Environment Impact Statement (HRA-EIS) and Comprehensive Land Use Plan (CLUP) to the DOE-RL Site Infrastructure Division and Restoration Project Division (RPD). In addition technical writing, document review, comment resolution, geographical data management and assistance with public hearings and meetings will be provided.					
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes transmittal of Chapter 6 to RL-SID and RL-RPD by April 30, 1999 for inclusion in the final HRA-EIS and CLUP.					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

PHMC

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MILESTONE DESCRIPTION SHEET

Title: OUTLEASE DEVELOPMENT PROCESS				Date: 8/25/98	
Assigned To: J. W. Horton				CIN:	
Program WBS Designator: 1.05.01.14.03.12				Due Date: 1/15/99	
PBS No: RL-TP13					
MC #: LLP-99-336			TPA No:		Rev:
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:	
DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG X OTHER TIP	DNFSB (Y/N): COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) Transmit Outlease Process	DOE-HQ X DOE-RL Other (Specify)	
Milestone Description: In FY 1998, the outlease administration process (after lease execution) was developed. In FY1999, the outlease development process (prior to lease execution) will be developed. Outleases are defined as RL leases of government owned real property to third parties. The process will outline the steps necessary to prepare real property for outlease from the identification of a potential lessee through the execution of a lease, and will identify both contractor and RL roles and responsibilities that are included in the process.					
Description of what constitutes completion of this milestone: Transmittal of draft outlease development process to FDH and RL Site Infrastructure Division for review on or before 11/30/98; and transmittal of the final outlease development process to FDH and RL Site Infrastructure Division for approval on or before 01/15/99.					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

PHMC

HNF-SP-1242, Rev. 1

MILESTONE DESCRIPTION SHEET

Title: SUPPORT DISPOSAL OF 703 BUILDING				Date: 8/25/98	
Assigned To: J. W. Horton				CIN:	
Program WBS Designator: 1.05.01.14.03.12				Due Date: 1/29/99	
PBS No: RL-TP13					
MC #: LLP-99-337			TPA No:		Rev:
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:	
DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG X OTHER TIP	DNFSB (Y/N): COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) Transmit GSA SF118	DOE-HQ X DOE-RL Other (Specify)	
Milestone Description: Support RL efforts to dispose of (excess) the 703 Building through the GSA disposal process by completion of all required elements of the GSA 'Report of Excess - Real Property' (Standard Form 118). Required elements include, but are not limited to, facility condition assessments; environmental, cultural, historical, biological, chemical, radiological, asbestos, and PCB surveys; NEPA documentation; facility preparation and remediation (as necessary); property appraisal; title search; boundary determination and survey.					
Description of what constitutes completion of this milestone: Submit GSA 'Report of Excess - Real Property' (SF118) package to FDH and RL Site Infrastructure Division on or before 01/29/99.					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: IMPLEMENTATION PROCEDURES FOR THE COMPREHENSIVE LAND USE PLAN				Date: 8/25/98	
Assigned To: H. B. Hathaway				CIN:	
Program WBS Designator: 1.05.01.14.03.12				Due Date: 9/30/99	
PBS No: RL-TP13					
MC #: LLP-99-338			TPA No:		Rev:
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG X OTHER TIP	DNFSB STATUS: DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Transmittal of CLUP Procedures		ADDRESS TO: DOE-HQ X DOE-RL Other (Specify)
Milestone Description: Support RL efforts to implement the CLUP. Develop the implementation procedures described in Chapter 6.0 of the Hanford Remedial Action Environmental Impact Statement (HRA-EIS) & CLUP.					
Description of what constitutes completion of this milestone: Transmittal of implementing procedures to RL-SID within 90 days after the publication of the HRA-EIS & CLUP Record of Decision in the Federal Register (approximately 09/30/99).					

**LANDLORD PROJECT
WBS 1.5**

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HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: FACILITY AND LAND USE MANAGEMENT PROCESS				Date: 8/25/98	
Assigned To: E. F. Yancey				CIN:	
Program WBS Designator: 1.05.01.14.03.12				Due Date: 8/31/99	
PBS No: RL-TP13					
MC #: LLP-99-339			TPA No:		Rev:
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG X OTHER TIP	DNFSB STATUS: DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Charter & Rules. of Conduct	ADDRESS TO: DOE-HQ X DOE-RL Other (Specify)	
Milestone Description: Support DOE-RL in implementing a management process that integrates land and facility use on the Hanford Site. The process will be compatible with Federal Guidelines, best business practices, and municipal planning.					
Description of what constitutes completion of this milestone: Support DOE-RL in establishing site facility and land use advisory board(s), and implementing the management process. Transmit organizational charter and administrative rules of conduct to FDH and the RL Site Infrastructure Division on or before 08/31/99.					

**LANDLORD PROJECT
WBS 1.5**

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**PHMC
MILESTONE DESCRIPTION SHEET**

Title: COMPLETE DEFINITIVE DESIGN FOR PROJECT L-270			Date: 8/21/98	
Assigned To: Landlord Project			CIN:	
Program WBS Designator: 1.05.01.07.02.11.02			Due Date: 7/30/99	
PBS No: RL-TP13				
MC #: LLP-99-340		TPA No:		Rev: 0
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:
DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG OTHER TIP	DNFSB (Y/N): N COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) Engineering Data Transmittal	DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure
Milestone Description: Complete definitive design for the renovation of the 609 A/C Fire Station Building and release drawings and specifications for construction for project L-270, Emergency Services Renovation (200 Area).				
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes definitive design completed and Engineering Data Transmittal approved by: DOE-RL: Representative from the Site Infrastructure Division DOE-RL: Representative from Quality Safety and Health Program Division FDH: Representative from Infrastructure Division DynCorp: Representative from Landlord Project DynCorp: Representative from the Hanford Fire Department				

**LANDLORD PROJECT
WBS 1.5**

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PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING FOR PROJECT L-294			Date: 8/21/98	
Assigned To: Landlord Project			CIN:	
Program WBS Designator: 1.05.01.05.02.13.02			Due Date: 8/27/99	
PBS No: RL-TP13				
MC #: LLP-99-345		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) OAC, Sections I & II	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure
Milestone Description: Complete construction and acceptance testing, verifying the system performs to the design requirements of Project L-294, 'Broadband End-of-Life Conversion.'				
Description of what constitutes completion of this milestone: Successful completion of this milestone is approval of the Official Acceptance of Construction, Sections I and II by: DOE-RL: Representative from the Project Management Division DOE-RL: Representative from the Site Infrastructure Division FDH: Representative from the Infrastructure Division DynCorp: Representative from the Landlord Project				

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING FOR PROJECT L-291				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.02.02.14.02				Due Date: 8/27/99	
PBS No: RL-TP13					
MC #: LLP-99-350			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Approved Official Acceptance o	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete construction and acceptance testing, verifying the system performs to the design requirements of project L-291, 'Sanitary Water and Sewer to the Patrol Training Academy.'					
Description of what constitutes completion of this milestone: Complete construction and acceptance testing verifying systems are fully operational. Approval of the Official Acceptance of Construction Sections I and II signed by: DOE-RL: Representative from Site Infrastructure Division FDH: Representative from the Infrastructure Division DynCorp: Representative of the Landlord Project					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE PERMITTING AND DEFINITIVE DESIGN FOR PROJECT L-297				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.13.04.18.01				Due Date: 8/30/99	
PBS No: RL-TP13					
MC #: LLP-99-355			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Engineering Data Transmittal	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete design and necessary permitting for Project L-297, 'Equipment Disposition Project' for the Characterization and Disassembly Facility and release drawings and specification for construction.					
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes completion of permitting and design by approval of the Engineering Data Transmittal by: DOE-RL: Representative from Site Infrastructure Division FDH: Representative from Infrastructure Division DynCorp: Representative from Environmental Program and Compliance Group DynCorp: Representative from the Landlord Project					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE NEPA DOCUMENTATION FOR PROJECT L-297				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.13.04.18.01				Due Date: 1/28/99	
PBS No: RL-TP13					
MC #: LLP-99-356			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report X Letter Drawing(s) Other (Specify)	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete the National Environmental Policy Act (NEPA) Documentation for Project L-297, 'Equipment Disposition Project' temporary enclosure, assumed to be an Environmental Assessment. This activity includes the preparation of the NEPA review package; by the PHMC, RL, stakeholders, and public; and determination issued by the RL site manager.					
Description of what constitutes completion of this milestone: Successful completion of this milestone constitutes submittal by letter of a final draft of the NEPA documentation for Project L-297, 'Equipment Disposition Project' temporary enclosure for public comment (Environmental Assessment).					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

**PHMC
MILESTONE DESCRIPTION SHEET**

Title: COMPLETE PROJECT L-298, "ROAD RESURFACING"				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.12.02.22.01				Due Date: 9/30/99	
PBS No: RL-TP13					
MC #: LLP-99-360			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Acceptance of Completed Work	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete Project L-298 Road Resurfacing work as follows: Construct acceleration lanes and lighting on Route 4 South at the 2704 HV Building entrance and Overlay a portion of Route 11A from the Yakima Barricade to Dayton Avenue intersection (approximately 7.7 km / 4.8 miles of two lane roadway).					
Description of what constitutes completion of this milestone: Successful completion of this project constitutes approval of the Acceptance of Completed Work signed by: DOE-RL: Representative from the Site Infrastructure Division FDH: Representative from the Infrastructure Division DynCorp: Representative from the Logistics Division DynCorp: Representative from the Landlord Project					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE UNDERGROUND STORAGE TANKS REPLACEMENT/DISPOSITION (LMSI)				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.05.04.30				Due Date: 12/22/98	
PBS No: RL-TP13					
MC #: LLP-99-365			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER TIP	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) Acceptance of Completed Work	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete the disposition (removed or abandoned in place) of three LMSI non-compliant fuel oil underground storage tanks located at Gable Mountain, Rattlesnake Mountain, and 506 BA Building. In addition, install one above ground tank at Rattlesnake Mountain and one at 506 BA Building.					
Description of what constitutes completion of this milestone: Successful completion of this milestone is approval of Acceptance of Completed Work by: DOE-RL: Representative from Site Infrastructure Division FDH: Representative from Infrastructure Division DynCorp: Representative from the Landlord Project LMSI: Representative from Telecommunications Facilities					

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION AND ACCEPTANCE TESTING OF PROJECT L-299				Date: 8/21/98	
Assigned To: Landlord Project				CIN:	
Program WBS Designator: 1.05.01.02.02.05.02				Due Date: 7/30/99	
PBS No: RL-TP13					
MC #: LLP-99-370			TPA No:		Rev: 0
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:	
X DOE-HQ DOE-RL DOE-FO CONTRACTOR	EA PEG OTHER TIP	DNFSB (Y/N): N COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) Acceptance of Completed Work	DOE-HQ X DOE-RL X Other (Specify) FDH Director of Infrastructure	
Milestone Description: Complete construction, including acceptance testing, verifying that the system performs to design requirements for Project L-299, '300 Area Water Plant Chlorine System Modifications.'					
Description of what constitutes completion of this milestone: The replacement system will be installed and tested. An Acceptance of Completed Work, documenting construction and acceptance testing is complete and approved by: DOE-RL: Representative from Site Infrastructure Division FDH: Representative from Infrastructure Division DynCorp: Representative from Water Utilities Group DynCorp: Representative from Landlord Project					

LANDLORD
LIFE CYCLE COST BASELINE (BCWS) BY YEAR BY FUND TYPE
BY PROJECT BASELINE SUMMARY (PBS)
FY 1999
(\$000s)

PROJECT WBS		1.1.1	(\$000s)										SUBTOT
PBS NO.	PBS TITLE	RL-TP13	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY1997- FY2006
	OPERATING EXPENSE		5,993	8,707	11,662	11,662	11,365	17,939	16,185	18,295	16,433	15,353	128,738
	CEINTC		1,758	2,375	1,048	1,048	978	978	978	978	978	978	12,109
	GENERAL PLANT PROJECT		3,230	4,219	4,002	4,002	8,458	3,896	3,892	3,888	3,888	3,888	42,265
	LINE ITEM (parent row)		-	-	-	-	-	-	-	-	-	-	182
	16B-604, Water System Upgrade Reserve		-	198	-	-	-	-	-	-	-	-	846
	16B-604, Facility Compliance Renovation		-	944	-	-	-	-	-	-	-	-	-
	0		-	-	-	-	-	-	-	-	-	-	-
	0		-	-	-	-	-	-	-	-	-	-	-
	0		-	-	-	-	-	-	-	-	-	-	-
	0		-	-	-	-	-	-	-	-	-	-	-
	Subtotal Line Item		-	1,142	-	-	-	-	-	-	-	-	1,142
	Exclusion		-	-	348	348	928	1,500	1,879	2,401	2,953	3,309	13,317
	TOTAL BCKS/PMB		11,037	16,443	17,060	17,060	21,727	24,313	22,944	23,692	24,312	23,658	197,654
	MONT RESERVE*		-	-	-	-	-	-	-	-	-	-	-
	LINE ITEM CONTINGENCY*		-	-	-	-	-	-	-	-	-	-	-
	TRANSFERS*		-	-	-	-	-	-	-	-	-	-	-
	Subtotal		-	-	-	-	-	-	-	-	-	-	-
	Exclusion		-	-	-	-	-	-	-	-	-	-	-
	TOTAL		11,037	16,443	17,060	17,060	21,727	24,313	22,944	23,692	24,312	23,658	197,654

Imputed Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Carryover Is Not Included

Budgeted Cost of Work Scheduled (BCWS) Equals Full Bill Back

Funds/Workscope Transferred to Other Sites, Transferred to Hanford from Other Sites, and/or Funds/Workscope Controlled by RL Management Reserve and Late Item Contingency Fund by RL

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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LANDLORD LIFE CYCLE COST BASELINE (BOWS) BY YEAR BY FUND TYPE BY PROJECT BASELINE SUMMARY (PBS) FY 1999 (\$000s)

PROJECT WBS:	1.5.1																		TOTAL	
PBS TITLE:	1.5.1.1																			
PBS TITLE:	1.5.1.1																			
FUND TYPE	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY1997
OPERATING EXPENSE	12,500	13,235	13,235	13,208	41,416	23,736	22,162	21,708	24,145	17,127	14,390	2,160	347,680							
GENRTC	1,956	1,956	1,956	1,956	4,890	2,500	2,500	2,500	2,500	2,500	2,500	2,500	35,323							
GENERAL PLANT PROJECT	4,880	4,880	4,880	4,880	10,000	7,500	6,000	6,000	4,000	3,500			93,728							
LINE ITEM (List Each One)																				
B-604 Water System Upgrade Reservoir	-	-	-	-	-	-	-	-	-	-	-	-	195							
D-424 Facility Compliance Renovation	-	-	-	-	-	-	-	-	-	-	-	-	844							
0	0	0	0	0	0	0	0	0	0	0	0	0	-							
0	0	0	0	0	0	0	0	0	0	0	0	0	-							
0	0	0	0	0	0	0	0	0	0	0	0	0	-							
Subtotal Line Items	3,711	4,332	4,947	5,508	19,444	16,204	19,337	25,542	30,358	25,572	15,850	3,841	187,819							
Excavation	3,711	4,332	4,947	5,508	19,444	16,204	19,337	25,542	30,358	25,572	15,850	3,841	187,819							
TOTAL BOWS/PBS	24,207	24,443	24,398	24,332	75,750	50,000	40,596	45,550	47,600	47,659	32,240	6,001	871,992							
MANAGEMENT RESERVE	-	-	-	-	-	-	-	-	-	-	-	-	-							
LINE ITEM CONTINGENCY	-	-	-	-	-	-	-	-	-	-	-	-	-							
TRANSFERS	-	-	-	-	-	-	-	-	-	-	-	-	-							
Subtotal	-	-	-	-	-	-	-	-	-	-	-	-	-							
Excavation	-	-	-	-	-	-	-	-	-	-	-	-	-							
TOTAL	24,207	24,443	24,398	24,332	75,750	50,000	40,596	45,550	47,600	47,659	32,240	6,001	871,992							

Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB), Expense Category is Not Included

Management Reserve and Line Item Contingency Held By RL

Funds/Workscope Transferred to Other Sites, Transferred to Hartford from Other Sites, and/or Funds/Workscope Controlled by RL

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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LANDLORD FY 1999 COST BASELINE (BCWS) BY MONTH BY FUND TYPE BY PROJECT BASELINE SUMMARY (PBS) EXECUTION YEAR (\$'000s)

PROJECT (PBS) WBS:	1.5.1												
PBS NO:	RL-TPI3												
PBS TITLE:	LANDLORD												
FUND TYPE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
Operating Expense	8,800	-	-	-	-	-	-	-	-	-	-	-	8,800
CENRTC	1,060	-	-	-	-	-	-	-	-	-	-	-	1,060
GPP	2,857	-	-	-	-	-	-	-	-	-	-	-	2,857
Line Item	-	-	-	-	-	-	-	-	-	-	-	-	-
Total BCWS/PBS	12,717	-	-	-	-	-	-	-	-	-	-	-	12,717
Mgmt Reserve ²	-	-	-	-	-	-	-	-	-	-	-	-	-
Line Item Contingency ³	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfers ³	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	12,717	-	-	-	-	-	-	-	-	-	-	-	12,717

¹Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Cynover is Not Included

²Management Reserve and Line Item Contingency Held By RL

³Funds/Workscope Transferred to Other Sites, Transferred to Harbored from Other Sites, and/or Funds/Workscope Committed by RL

**LANDLORD
SUMMARY OF BUDGET AUTHORITY (B/A) BY YEAR
BY PROJECT BASELINE SUMMARY (PBS)
FY 1999
(\$000s)**

[illegible]

Estimated Carryover Is NOT Included In Cost Baseline; Change Request For Actual Carryover Submitted After September 30, 1998.

LANDLORD PROJECT
WBS 1.5

FY 1999 Work Plan

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LANDLORD
FY 1999 COST BASELINE (BCWS) BY MONTH
BY RESOURCE TYPE BY PROJECT
EXECUTION YEAR
(\$000s)

[illegible]

***Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Carryover Is Not Included**

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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LANDLORD BUDGET AUTHORITY (B/A) BY YEAR BY FUND TYPE BY PROJECT BASELINE SUMMARY (PBS) FY 1999 (\$000s)

PROJECT WBS:		1.5.1	PRESIDENTS BUDGET PLUS CARRYOVER FY1989
PBS NO:		RL-TP13	
PBS TITLE:		LANDLORD	
FUND TYPE		TARGET B/A	
OPERATING EXPENSE		FY1988	
		8,366	9,800
CENRTC		2,430	3,050
GENERAL PLANT PROJECT		4,149	2,897
LINE ITEM (List Each One)			
B-604, Water System Upgrade Reservoir		198	
D-424, Facility Compliance Renovation		508	
		0	
		0	
		0	
		0	
Subtotal Line Items		706	
TOTAL NEW B/A		15,851	12,727
ESTIMATED FY 1988 CARRYOVER			3,040
TOTAL NEW B/A CARRYOVER		15,851	15,767

*Estimated Carryover is NOT included in Cost Baseline; Change Request For Actual Carryover
Submitted After September 30, 1998.

LANDLORD PROJECT
WBS 1.5

FY 1999 Work Plan

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The Landlord Project does not have any Tri-Party Agreement (TPA) or Defense Nuclear Facility Safety Board (DNFSB) milestones.

LANDLORD PROJECT
WBS 1.5

FY 1999 Work Plan

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FY 1999-2000 Project Priority Lists

UAS ID	EM Office	PBS #	UAS Name	1999	1999LI	2000	2000LI	PS	WS	EP	Compl Impact
Infrastructure											
86	EM60	TP13	Essential Core Infrastructure Maintenance	\$9,881		\$12,211		H	H	M	H
85	EM60	TP13	Surveillance/Maintenance/Deactivation of Surplus Infrastructure Facilities & Disposition of Legacy Railcars & Equipment	\$2,846		\$4,849		H	H	M	VH
Subtotal - Misc S&E				\$12,727	\$0	\$17,060	\$0	H	H	M	H
409	EM60	TP13	Disposition of Legacy Railcars & Equipment	\$1,000		\$1,620		H	H	M	VH
89	EM60	TP13	Disposition High Risk Surplus Facilities	\$1,435		\$5,000		H	H	M	H
410	EM60	TP13	Hazardous Mitigation of Surplus Facilities	\$4,675		\$13,100		H	H	M	M
411	EM60	TP13	Disposition of Surplus Facilities	\$12,250		\$200		H	H	M	M
412	EM60	TP13	Surveillance & Maintenance, Isolation, Shutdown	\$310				H	H	M	M
413	EM60	TP13	Essential Refurbishment of Roads	\$368				H	H	M	M
414	EM60	TP13	Site Core Infrastructure Maintenance	\$6,539		\$516		H	H	M	M
Subtotal - Additional Grants				\$30,204	\$0	\$17,456	\$0	H	H	M	M

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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Landlord Project Site Infrastructure Priorities for FY 1999

Description	MYWP		Changes from Original Project Priority List	
	FY 1999	Estimate	FY 1999	Estimate
Program Management / Project Support	990.0	915.0	Revised amount based on detailed baseline estimate	
Fee	800.0	830.0	Fee higher than original direction from FDH	
RL-Contracts	100.0	100.0	none	
Landfill Closure Plan (NEPA Documentation)	75.0	35.0	Revised amount based on detailed baseline estimate	
L-281, 200 West Regional Drainfield				
L-286, Sanitary Water Plant Effluent Stream Reduction (expense)	280.0	270.0	Revised amount based on detailed baseline estimate (exp - \$117.5; cap \$152.5)	
L-292, Install and Configure Emergency Preparedness Control Station	90.0	120.0	Revised amount based on detailed baseline estimate	
L-299, 300 Area Water Plant Chlorine System Modification	170.0	193.0	Revised amount based on detailed baseline estimate	
L-293, Emergency Preparedness System Upgrade	330.0	387.0	Original estimate didn't include expense support including permitting (exp - \$12K; cap \$375K)	
Back Flow Preventors (283E & 283W)	225.0	225.0	none	
Procedure (2) Ambulance 932, 66G-3886 & 922, 66G-3887 (1987)	100.0	62.0	Revised amount based on detailed baseline estimate	
400 Area Fire Station Renovations	390.0	390.0	none - based on vendor quote and previous history	
Eng-912, 66D-3873 Fire Engine Pump (1979)	340.0	355.0	Revised amount based on detailed baseline estimate	
Eng-942, 66D-3874 Fire Engine Pump (1979)	340.0	340.0	none	
Project L-270, Emergency Services Renovation (200 Area) -Preliminary Engineering & Definitive Design	330.0	330.0	none	
Land Use Planning/Asset Conversion	825.0	850.0	Revised project strategy to complete preliminary engineering and definitive design & bid package preparation in FY 1999 and fund construction in FY 2000 (expense \$237K; capital \$613K)	
L-294, Broadband End-of-Life Conversion	965.0	880.0	Revised amount based on detailed baseline estimate, funded less than requested for Environ. Sup.	
PNNL - Replace Sanitary and Process Water Piping 325 Building	600.0	844.0	Total Project Cost for 200E, 200W, and 400 Areas (Previously TEC \$1,250) (exp \$44K; cap \$600K)	
L-291, Sanitary Water and Sewer to Patrol Training Academy	300.0	300.0	Original Project Priority List estimate	
Closure of Abandon Septic Systems	590.0	641.0	Revised amount based on detailed baseline estimate (exp - \$14K; cap \$627K)	
Plan to Disposition Waste Sites	100.0	90.0	Revised amount based on detailed baseline estimate	
Plan to Disposition 384 Powerhouse Fuel Tanks		31.0	New priority work scope to develop a plan for disposition of waste sites	
CAMS Mapping Services		50.0	New priority work scope to develop a plan for disposition 384 fuel tanks	
L-297, Equipment Disposition Project	370.0	362.0	Revised amount based on detailed baseline estimate	
Utility Isolation Infrastructure Buildings	2,000.0	1,920.0	Revised amount based on detailed baseline estimate	
Shutdown of Infrastructure Buildings	280.0	266.0	Revised to include surveillance & maintenance of Powerhouse's	
L-288, Road Refurbishment	595.0	595.0	none	
Underground Storage Tanks Replacement/Disposition (LMSI)	65.0	65.0	none	
Total Min Safe/Compliance Case (\$12,886) Presidents Budget \$12,727	1,635.0	980.0	Revised priorities for road work and includes lighting and acceleration lanes at 2704 HV entrance (\$450K Small Project) and 5 miles of Route 11A. Defers survey of Dayton Avenue, & 23rd Street, and 2 miles of Route 11A, until FY 2000	
		300.0	Compliance issue for LMSI Facilities assigned to Landlord Project by FDH in July 1998	
		12,727.0		

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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FY 1999 Landlord Priority List

Program Management/Project Support

ESTIMATED COST: \$915K

WORK SCOPE

Program Management provides funding for activity management, cost account management, project control activities (including analysis and scheduling) in support of the Landlord Project. The Landlord Project provides funding for infrastructure on the Hanford Site. Scope includes developing an annual Multi-Year Work Plan, Project Baseline Summaries, Change Control, Integrated Priority List (planning year and budget year), cost account management, monthly reporting for Project Tracking System, Hanford Site Performance Report, Milestone Status Report, Estimate at Completion, Uncosted Status, and Performance Report. This activity also includes Safety, Environmental, and Quality Assurance support for the execution of ongoing projects and required internal FDH and RL surveillance reviews of projects.

DRIVERS

Defense Authorization Act (105 STAT 1290, Section 3135a) drives the budget request and out year planning activities. FDH Project Management (complies with former DOE Order 4700.1, "Project Management System"), RLID 5000.1, "Baseline Execution and Management Process". These drivers require that an effective management system must be in place to plan, execute, and track project performance.

JUSTIFICATION

This cost account provides funding to support all activities associated with the administration of the Landlord Project. This activity is requested for the execution and effective management of the Landlord Project.

IMPACT OF NOT DOING

Program management provides the foundation required to effectively manage the Landlord Project. If not supported, project management and control activities would not be implemented and scheduled work would not be executed or tracked.

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

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FY 1999 Landlord Priority List

Fee

ESTIMATED COST: \$830K

WORK SCOPE

This activity is a required "set aside" of FDH fee earnings mandated by the PHMC contract with DOE. The "set aside" is a prorated distribution based on the Projects percentage of the total budget and 90% of fee that FDH can earn in a given year.

DRIVERS

Fluor Daniel Hanford requires 90% of fee to be set aside. Fee is based on a percentage of the total Site budget and calculated using earned fee of 90%.

JUSTIFICATION

Fee allocations are based upon the total PHMC contract and prorated to each Hanford project based on funding level.

IMPACT OF NOT DOING

The fee accrual is a required assessment directed by FDH and required by the M&I contract with DOE-RL. If fee is not direct funded it would be added to the site wide G&A.

LANDLORD PROJECT
WBS 1.5

FY 1999 Work Plan

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FY 1999 Landlord Priority List

RL-Contracts

ESTIMATED COST: \$100K

WORK SCOPE

This work scope covers emerging site wide support activities where RL has a direct contract with another entity.

DRIVERS

Best Management Practice

JUSTIFICATION

This funding is required for SID to perform emergent activities that are essential to the Hanford Site Mission, but not foreseen during budget development.

IMPACT OF NOT DOING

RL direct contract work would not be funded.

FY 1999 Work Plan

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FY 1999 Landlord Priority List

Landfill Closure Plan (NEPA Documentation)

ESTIMATED COST: \$35K

WORK SCOPE

The Landfill Closure Plan workscope includes all the activities required to obtain approvals to implement final closure of the Hanford Solid Waste Landfill (SWL) and to prepare for post-closure monitoring. Specific tasks include the preparation of a Closure Plan, collection of data to support detailed design of the landfill cover, preparation of an Environmental Assessment or other NEPA documentation, and preparation of a post-closure monitoring plan. In FY 1999 preparation of NEPA documentation is planned to support definitive design preparation in FY 2000.

DRIVERS

The SWL is currently out of compliance with the closure requirements for solid waste landfills as identified in WAC 173-304, "Solid Waste Regulations". If action is not taken in accordance with previous agreements with the Washington State Department of Ecology, the State could take enforcement action with the potential for fines and penalties. In addition, a citizen's suit could be filed by any affected party under the provisions of Section 7002 of the Resource Conservation and Recovery Act (RCRA). Since the SWL would be a Solid Waste Management Unit under the Hanford Site RCRA permit, the corrective action provisions of that permit and the associated fines and penalties for noncompliance may also be deemed applicable.

JUSTIFICATION

This work scope is necessary to bring the SWL into compliance with state and federal regulations and to meet commitments made to the Washington Department of Ecology.

IMPACT OF NOT DOING

Failure to complete these activities would result in regulatory mandated action or noncompliance penalties. The Washington State Department of Ecology will not levee penalties or mandate specific action, as long as, the DOE shows progress towards a final closure plan and resolution of groundwater accumulation in the monitoring wells.

LANDLORD PROJECT
WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

L-281, 200 West Regional Drainfield

ESTIMATED COST: \$270K

WORK SCOPE

This project is a FY 1998 General Plant Project to connect the noncompliant septic systems in the central 200 West Area [Plutonium Finishing Plant (PFP) and West Area Tank Farms (272-WA), etc.] to a compliant regional sanitary system. This FY 1999 funding is required to support the completion of project construction and is required to complete the project within the milestones established in the FY 1998 Multi-Year Work Plan (MYWP).

DRIVERS

Washington Administrative Code (WAC) Chapter 246-272, "Onsite Sewage System", regulations mandates specific health and safety requirements that septic systems must meet. In April of 1996, the Department of Energy transmitted to the Washington State Department of Ecology a plan to bring all Hanford septic systems into compliance with WAC 246-272 around the year 2001 (WHC-SD-LL-SP-001, "200/600 Area Sanitary System Wastewater Master Plan", dated 4/15/96). This plan was updated in July 1998 to reflect the status of septic systems and the effort to bring the Hanford Site within Washington State requirements. This requirement is an outcome of the Tri-Party Agreement consent order to eliminate non-permitted wastewater flows to the soil column.

JUSTIFICATION

This funding is required to complete the tie-in of non-compliant and failing septic systems located at PFP and 272-WA in the central 200 West Area. These systems have required accelerated pumping and additional maintenance to minimize sewage discharges to the ground. Definitive design, project management, a portion of construction funding, and other associated support cost were authorized in FY 1998. The additional funding in FY 1999 is required to complete the project within agreed upon milestones in the FY 1998 MYWP.

IMPACT OF NOT DOING

The Department of Energy has made commitments to the Washington State Department of Ecology (WSDOE) to bring non-compliant septic systems into compliance with state regulation. If commitments made in the 200/600 Area Sanitary Wastewater Master Plan are not met, then the WSDOE could levee penalties or mandate a specific legally binding order to bring these systems into compliance with State regulations.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

L-286, Sanitary Water Plant Effluent Stream Reduction (Expense)

ESTIMATED COST: \$120K

WORK SCOPE

This funding supports operating expense support for this FY 1998 General Plant Project (GPP). The project installs instrumentation and controls, water piping, and control room to deliver sanitary water for all of the 200 Areas from the 200 West Water Treatment Plant (WTP). This allows shutdown of the 200 East WTP, thus virtually eliminating non-compliant discharges from this facility. This FY 1999 budget is required to support the completion of construction, execute operational test procedures (OTPs), provide operational training, and prepare operational files.

DRIVERS

The following regulations mandates this activity: 1) WAC 173-216, "State Waste Discharge Permit Program; 2) Tri-Party Agreement (TPA) Milestone M-17-008, "Prepare a Best Available Technology/All Known and Reasonable Technology (BAT/AKRT) Report for Phase II Streams by October 1997", and 3) 29 CFR 1910, "Occupational Safety and Health Standards".

JUSTIFICATION

OTP's must be performed in order to verify that the systems installed by this project meet all operational requirements and is an essential function prior to turnover to Water Utility Operations. This FY 1998 funded GPP cannot be closed out and turned over to Water Utility Operations unless these expense funded activities are performed and operational training is conducted.

IMPACT OF NOT DOING

TPA Milestone M-17-008 requires the elimination of process water flows to the ground or a plan to greatly reduce these flows. If this project is not supported, the 200 East Area WTP would continue to operate with a full crew and the unlined trench in 200 East Area would need to be upgraded to meet regulatory requirements. This project allows for the 200 Area water needs to be provided from the 200 West Area WTP, thus saving approximately \$500K per year in operation and maintenance costs. The 200 East WTP will be placed in standby status in the event of an extended outage at the 200 West WTP or failure of the interconnection line between 200 East and West Areas. If this project is not supported, no savings will be realized, and discharge to the 200 East unlined trench would continue, resulting in possible fines or mandatory action.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

L-292, Install and Configure Emergency Preparedness Control Station

ESTIMATED COST: \$193K

WORK SCOPE

Over the last 3 years, a site wide emergency alert system project has installed 36 outdoor warning sirens throughout the Hanford Site. This project installs an internal facility alarm system throughout the occupied buildings across the Hanford Site; links current notification systems (i.e., radio pagers, electronic mail, and local area networks, etc.); and integrates the outdoor siren system with the internal public address messaging systems. To properly integrate these systems, the current computer system software and hardware needs to be expanded and renovated to current standards and the appropriate redundancy provided.

DRIVERS

The following regulations requires an emergency notification system for site workers and the surrounding areas: 1) DOE 5500.3B, "Planning and Preparedness for Operational Emergencies"; 2) 29 CFR 1910, "Occupational Safety and Health Standards" (29 CFR 1910.165, Chapter 17); and 3) Superfund Amendments & Reauthorization Act (SARA) Title III.

JUSTIFICATION

This project integrates the outdoor siren system with the internal facility alarms to provide a centrally controlled alarm network for emergency notification across the Site. This project also integrates the existing site messaging systems, thus increasing notification capability. Overall, the emergency notification system will be a comprehensive system, that increases reliability and efficiency of the system. This was identified as a judgement of need from the PRF incident and is required to be corrected.

IMPACT OF NOT DOING

If this project is not supported, the Hanford Site emergency notification system will not be completed to meet current regulations. The current internal facility alarm system is not integrated with the outdoor sirens and the emergency notification system remains in a less reliable condition, thus increasing the risk of improper notification of site emergencies.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

L-299, 300 Area Water Plant Chlorine System Modification

ESTIMATED COST: \$387K

WORK SCOPE

This project replaces the current 315B gaseous chlorine system with a sodium hypochlorine system. The proposed system eliminates hazardous and toxic chlorine gas, from the 300 Area water treatment system. Therefore, the hazards of operating this system are greatly reduced and the emergency response actions for site workers and the public related to chlorine gas exposure is not needed.

DRIVERS

The following regulations require the delivery of safe drinking water to site personnel: 1) WAC 246-290, "Group A Public Water Systems" and 2) 40 CFR 141, "Safe Drinking Water Act" (National Primary Drinking Regulations). Because the current 300 Area water treatment system utilizes hazardous chlorine gas the following safety and health regulations are mandated: 1) 29 CFR 1910, "Occupational Safety and Health Standards", 2) Superfund Amendments & Reauthorization Act (SARA) Title II, 3) North American Emergency Response Guidance, and 4) 40 CFR 261, "Hazardous Waste Management System" (Identification and Listing of Hazardous Waste) which require an emergency response system.

JUSTIFICATION

Replacement of the current hazardous chlorine gas system for the 300 Area water treatment system eliminates the need for the installation of costly emergency sirens and public address systems for the 300 Area. This also eliminates special training for operational and emergency response personnel. This project achieves ALARA goals (reduces risk) by eliminating hazardous chlorine gas cylinders, the potential for chlorine gas leaks, and personnel exposure to chlorine gas.

IMPACT OF NOT DOING

Continued use of chlorine gas without an automated detection and notification system exposes site and surrounding area personnel to a higher risk of exposure to this toxic gas. Personnel exposure to chlorine gas could be fatal without a proper notification system or the elimination of the hazard.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

L-293, Emergency Preparedness System Upgrade

ESTIMATED COST: \$225K

WORK SCOPE

This project renovates and modifies the following equipment within the Richland Federal Building Emergency Operations Center (EOC): 1) the Unified Dose Assessment Center (UDAC) and Meteorology and Atmospheric workstation; and (2) reroutes electrical and data communications lines, enhances display capabilities and other data processing functions.

DRIVERS

The modifications at the EOC are required to meet the following requirements: 1) DOE 5500.3B, "Planning and Preparedness for Operational Emergencies", 2) 29 CFR 1910, "Occupational Safety and Health Standards" (29 CFR 1910.165, Chapter 17), and 3) Superfund Amendments & Reauthorization Act (SARA) Title III. These modifications are also implementation, corrective actions from the May 1997 Plutonium Reclamation Facility Incident mandated by the Secretary of Energy.

JUSTIFICATION

The current workstation is not meeting acceptable standards. Information provided through this workstation is used to evaluate onsite and offsite protective actions. Not having accurate or timely information has the potential to place Hanford workers and the public at risk to exposure to radiologically and hazardous material during Hanford Site incidents. The EOC does not provide adequate access control of personnel. Current configuration of the EOC doesn't allow for an optimum working environment. These items have been identified as corrective actions by the Department of Energy (DOE), PHMC management, and the EOC staff during the past two declared incidents at Hanford and past exercises.

IMPACT OF NOT DOING

If not funded, the present equipment within the DOE-RL EOC would remain in an unreliable condition placing Hanford site workers and the public at risk, if other Site incidents occur.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Back Flow Preventors (238E & 283W)

ESTIMATED COST: \$62K

WORK SCOPE

This project provides the engineering and construction to install reduced pressure backflow preventors in a common header at the 283E and 283W filter plants. A new 4-inch backflow preventor is planned to be installed in each sanitary water header at the 283E and 283W buildings.

DRIVERS

The following regulations require the delivery of safe drinking water to site personnel: 1) WAC 246-290, "Group A Public Water Systems" and 2) 40 CFR 141, "Safe Drinking Water Act" (National Primary Drinking Regulations). Specifically WAC 246-290-490, "Cross-Connection Control" mandates backflow preventors on sanitary water systems to protect the drinking water. Also Issuance of Cross-Connection Control Deficiencies (DSA-CCI-97-52-283E), issued by the Hanford Site Water Purveyor, dated October 15, 1997, mandates installation of these devices for the 200 Area Water Treatment Plants. The water purveyor's authority is delegated for the Site by the Washington State Department of Health.

JUSTIFICATION

Completion of this project satisfies the requirement of WAC 246-290-490 and meets the Department of Health requirements. Cross connections between raw water and potable water must be protected to assure safe drinking water for the 200 Area personnel.

IMPACT OF NOT DOING

If this project is delayed the State Department of Health could mandate the shutdown of the 200 Area water system until this problem is corrected.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Procure (2) Ambulance 932, 68G-3886 and 922, 68G-3887 (1987)

ESTIMATED COST: \$390K

WORK SCOPE

This activity procures two ambulances to replace aged and undersized models manufactured in 1987. Through FY 1998, three ambulances have been purchased and after the purchase of these two ambulances, only one ambulance will be remaining to modernize the required fleet and continue to support the Hanford mission.

DRIVERS

The replacement of these two ambulances are required to meet the following regulations: 1) DOE 5480.4, "Environmental Protection, Safety, & Health Protection Standards", 2) RUID 5480.7, "Fire Protection", 3) 29 CFR 1910, "Occupational Safety and Health Standards", 4) Site Standards Requirement Identification Document, Section 12, "Fire Protection", 5) Hanford Site Emergency Needs Assessment - April 1996, and 6) CFR 101-38.402, "Federal Replacement Standards".

JUSTIFICATION

The current ambulances are undersized and require frequent maintenance due to age and usage. The ambulances size, limits the ability of the EMT/Paramedics to provide adequate Advanced Life Support treatment for the injured and sick. An outside assessment of the Hanford Site Emergency Needs, in April 1996, stated six ambulances are required for the Hanford Site. The requirement is based upon the square mileage of the Hanford Site and current Federal Replacement Standards to replace ambulances every seven years. These units are 1987 models and are four years beyond the recommended replacement time.

IMPACT OF NOT DOING

Failure to replace this equipment increases the potential inability of the HFD to respond to site emergencies, which could result in serious injuries and/or fatalities. The present older model ambulances are undersized and at any given time one of these ambulances are in the shop for maintenance. Also the older model ambulances are becoming increasingly difficult to maintain due to lack of available replacement parts and wear on vital vehicle components.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

400 Fire Station Required Renovations

ESTIMATED COST: \$356K

WORK SCOPE

The 400 Area Fire Station Building has been determined to be inadequate to withstand wind and seismic loads. This project replaces the existing 26 gage metal roof panels with a heavier metal deck and replaces or adds the necessary support structure to meet the wind and seismic load requirements. This project also upgrades the present HVAC system, which is undersized for the current facility arrangement.

DRIVERS

The modifications to the 400 Area Fire Station are required by the following regulations: 1) 29 CFR 1910, "Occupational Safety and Health Standards", and 2) NFPA 101, "Life Safety Code".

JUSTIFICATION

The present 400 Area Fire Station has an inadequate roof structure and undersized HVAC system, thus compromising the occupancy of the facility during winter months. During the winter months the roof does not support snow loads and high wind conditions. The occupants of the facility must evacuate if the roof structure sags in excess of one inch during snow or ice loading conditions. In addition, the facility HVAC system is inadequate, because it does not provide heating and cooling in the apparatus bay area. A proper HVAC system for the vehicle bay area is vital to protect supplies and medications housed in the ambulances.

IMPACT OF NOT DOING

Not funding this project jeopardizes the Hanford Fire Departments (HFD) ability to provide timely emergency response to the 400 Area and Washington Public Supply System facilities. The lack of funding will continue to place the HFD in jeopardy for the safe storage of essential life saving drugs, located in the paramedic ambulances.

FY 1999 Work Plan

HNH-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Eng-912, 68D-3873 Fire Engine Pumper Replacement (1979)

ESTIMATED COST: \$340K

WORK SCOPE

This activity replaces the existing 1979 Fire Engine/Pumper Truck Eng-912, 68D-3873. The pumper truck will be replaced because the existing truck chassis is too small to support the new vehicle requirements.

DRIVERS

The replacement of this fire engine/pumper truck is required to meet the following regulations: 1) DOE 5480.4, "Environmental Protection, Safety, & Health Protection Standards"; 2) RLID 5480.7, "Fire Protection"; 3) 29 CFR 1910, "Occupational Safety and Health Standards"; 4) Site Standards Requirement Identification Document, Section 12, "Fire Protection"; and 5) CFR 101-38.402, "Federal Replacement Standard". The Hanford Fire Department is listed in the sites RCRA Type-B permit, which is part of the Tri-Party Agreement. This agreement obligates (HFD) to maintain seven fire pumper trucks for Site safety and fire protection.

JUSTIFICATION

This fire engine/pumper truck is approximately 20 years old and is experiencing escalating maintenance costs and is creating inefficiencies within the Fire Department, because the vehicle is out of service for long periods of time waiting for replacement parts. This in turn creates a safety issue for full protection of the Site workers and places the Site structures at a higher risk for fire loss. This is one of only seven fire engine/pumper type trucks on the Hanford Site. Reliability can't be assured and replacement parts are becoming obsolete. Based on Federal Replacement Standards, CFR 101-38.402, this vehicle should have been replaced or reconditioned about 11 years ago.

IMPACT OF NOT DOING

Failure to replace the fire engine/pumper truck increases risk of equipment malfunction and makes it impossible for the Hanford Fire Department to properly respond to Site emergencies. This unit is not economically repairable. Reliability cannot be assured and replacement parts are becoming obsolete. The unit is approximately 20 years and Federal Replacement Standards recommends replacement after nine years.

LANDLORD PROJECT
WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Replace 1979 Fire Engine Pumper (Engine 942, 68D-3874)

ESTIMATED COST: \$330K

WORK SCOPE

This activity replaces the existing 1979 Fire Engine/Pumper Truck Eng-942, 68D-3874. The pumper truck is planned to be replaced, because the existing truck chassis is too small to support the new vehicle requirements.

DRIVERS

The replacement of this fire engine/pumper truck is required to meet the following regulations: 1) DOE 5480.4, "Environmental Protection, Safety, & Health Protection Standards", 2) RUD 5480.7, "Fire Protection", 3) 29 CFR 1910, "Occupational Safety and Health Standards", 4) Site Standards Requirement Identification Document, Section 12, "Fire Protection", and 5) CFR 101-38.402, "Federal Replacement Standard". The Hanford Fire Department is listed in the sites RCRA Type-B permit, which is part of the Tri-Party Agreement. This agreement obligates (HFD) to maintain seven fire pumper trucks for Site safety and fire protection.

JUSTIFICATION

This fire engine/pumper truck was manufactured in 1979 and is one of seven on the Hanford Site. Based on the five year capital replacement plan, the HFD will be reducing the current fire engine fleet from a total of eight (4 Telesquirts and 4 engines) to seven (3 Telesquirts and 4 engines) for a savings of \$150K. In 1997 HFD's structural fire trucks responded to 725 incidents and to 21 wildland responses (in 1992 there were 40 wildland responses). Through February 1998 there have been 215 incidents. All incidents require a minimum of two trucks per response, but in most all cases all six brush pumper trucks are dispatched to the scene for early containment and extinguishing of fire. With the use and age of HFD's fleet, at least one truck is in the shop each week. Examples of repairs include, rewelding tanks, major rusting problems, electrical shorts causing batteries to lose their charge, water tank and valve leaks, and airline leaks.

IMPACT OF NOT DOING

Failure to replace the fire engine/pumper truck increases risk of equipment malfunction and makes it impossible for the Hanford Fire Department to properly respond to Site emergencies. This unit is not economically repairable. Reliability cannot be assured and replacement parts are becoming obsolete. The unit is approximately 20 years and Federal Replacement Standards recommends replacement after nine years.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Project L-270, Emergency Services Renovation (200 Area) - Preliminary Engineering & Definitive Design

ESTIMATED COST: \$850K

WORK SCOPE

This project renovates the existing 609A/C Fire Station Buildings in the 200 Area. The 609C Building is planned to be renovated to living space with a shift dispatch office and associated support area. The 609A Building is planned to be renovated into a drive-through, 4-double bay, apparatus area. Also, a covered vehicle garage is planned to be built to the south of 609A/C facility to house an additional eight emergency response vehicles. This project allows consolidation of personnel, equipment, and vehicles into one centralized fire station serving all the Hanford Site, north of the Wye Barricade (the 100 Area Fire Station will be shutdown). This project is phase funded in FY 1999 and 2000. Preliminary engineering and definitive design in FY 1999 and construction in FY 2000 completing in FY 2001.

DRIVERS

The current 200 Area Fire Station has health and safety issues that are not in compliance with the following requirements: 1) DOE 5480.4, "Environmental Protection, Safety, & Health Protection Standards", 2) RLID 5480.7, "Fire Protection", 3) Site Standards Requirement Identification Document Section 12, "Fire Protection", 4) 1996 Hanford Site Emergency Response Needs, WHC-SP-1180, Rev. 0, 5) 29 CFR 1910, "Occupational Safety and Health Standards", 6) National Fire Protection Codes and Standards NFPA 101, "Life Safety Code, NFPA 1201, "Developing Fire Protection Services for the Public", NFPA 1500, "Fire Department Occupational Safety and Health Program".

JUSTIFICATION

In FY 1997, a plan was developed to renovate the 200 Area Fire Station Facilities in lieu of building a new facility. This plan saves approx. \$2.5 million, can be completed 1.5 years earlier, and damages approximately two acres less of sensitive Hanford sagebrush habitat. This project brings these facilities into compliance with current codes and standards. This is the last phase of the effort to consolidate the Outer Area Emergency Services Facilities into one centralized, cost effective campus, while providing the necessary response to outer area emergencies. This project ensures a safe workplace for emergency personnel and equipment, and decreases the cost to the Site.

IMPACT OF NOT DOING

Not funding this project in FY 1999 and 2000 continues the inefficient operations of the Outer Area Emergency Services function and employee health and safety issues raised by the fire fighters would not be addressed, and current NFPA codes and standards would not be met. Property and the surrounding environments will continue to be at a higher fire risk and limits the Fire Department's ability to shutdown the 100 Area Fire Station.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Land Use Planning/Asset Conversion

ESTIMATED COST: \$880K

WORKSCOPE

This activity completes the Hanford Remedial Action Environmental Impact Statement and Comprehensive Land Use Plan (HRA-EIS/CLUP) to support a Record of Decision. Site-wide implementing procedures are planned to be prepared, which includes: 1) preparing administrative procedures for reviewing and approving land use requests that assure consistency with the CLUP; 2) forming a Site Planning Board, consisting of representatives from the cooperating agencies and the affected tribes; 3) after adoption of the CLUP, aligns and coordinates existing and new Area and Resource Management Plans for the Site; and 4) integrating these procedures and actions with existing DOE land-use procedures. This activity also continues assembling pertinent geographical information for use in property records management. This includes current and projected land use, land use constraints, site planning information, site infrastructure features, wells, waste sites, etc.

DRIVERS

This activity is required by the following regulations: 1) Executive Order 12512, 2) HRA-EIS/CLUP Record of Decision (10 CFR 1021), 3) DOE Land and Facility Use Policy, 4) DOE Order 0430.1, "Life Cycle Asset Management and Associated Good Practice Guides", and 5) DOE Land and Facility Use Policy.

JUSTIFICATION

This activity maximizes beneficial use of land and facilities; reduces site operating costs by supporting disposal of excess real property; protects natural and cultural resources; minimizes risk to land containing residual radioactive material; and supports economic development, privatization, and other community-related programs. The FY 1999 budget is an increase from the previous year to facilitate preparation/coordination of several plans and to accommodate RL direction to fund baseline surveys; potential small-scale remediation activities; amendments to safety, security, and other existing documentation; and to provide general administration of the conversion projects. Asset conversion is an essential function for conveying rights and use of DOE owned real and personal property to other governmental entities or the private sector.

IMPACT OF NOT DOING

Not funding this activity allows for ineffective management of the DOE-owned real property assets; is not compliant with the drivers listed above; interrupts the long-standing participation with regulators (DOE, EPA and Ecology) and cooperating agencies; and terminates or severely curtails economic development/transition activities.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

L-294, Broadband End-of-Life Conversion

ESTIMATED COST: \$844K

WORKSCOPE

This project replaces a portion of the individual broadband system (approximately 15,000 linear feet) of the outdated broadband cable in use in sections of 200 East, 200 West, and 400 Areas with approximately 10,000 linear feet of fiber optic cable. This project also removes outdated equipment hardware to operate the broadband system and ties the new fiber optic cable to the existing fiber optic hardware already in place (Projects L-273 and L-279). Some of the vital Hanford facilities still served by the broadband system are the Hanford Patrol Headquarters, 400 Area Fire Station, Waste Encapsulation and Storage Facility, and T-Plant.

DRIVERS

The following regulations require the current deficient broadband system be replaced: 1) DOE 4330.4B, "Maintenance Management Program"; 2) DOE 5300.1C, "Telecommunications"; and 3) 48 CFR, Part 39, "Federal Acquisition Regulation" and Part 52, "Year 2000 Compliance".

JUSTIFICATION

The site's broadband systems are beyond their projected life and performance limitations. One symptom of the age of these systems is widespread increase in intermittent channel failures. As the reliability of the broadband decreases, the traffic demands of HLAN continues to increase. The current systems are not adequate to support the data traffic of the newer high speed computers being implemented throughout the Site. Consequently, any workstation used on the broadband is limited to obsolete models, which are not supported by site maintenance. Year 2000 compliant computing systems cannot connect directly to the broadband system. This constrains personnel in facilities in 200 East and West, and 400 Areas (approximately 30 facilities) from executing their jobs to support the Hanford Site mission. Replacement parts are not available from suppliers to maintain these systems, on Site inventories of parts are diminishing, and maintenance costs continue to increase. The hardware interface between the broadband system and the new fiber optic systems is incompatible with the existing network hardware.

IMPACT OF NOT DOING

If this project is not funded, loss of service could occur, thus hindering the safe and efficient operations of Site facilities, and create schedule and work stoppage of vital cleanup mission projects. Fiber optic replacement of the existing broadband HLAN drops is required to fully utilize current and proposed future Site computing standards. The workstation that can be used in these facilities are limited to older non-standard models, which are no longer supported by workstation maintenance or current inventory of parts.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

PNNL - Replace Sanitary and Process Water Piping 325 Building

ESTIMATED COST: \$300K

WORKSCOPE

This project replaces a portion of the sanitary and process water piping in the PNNL 325 Building, which has corroded and deteriorated to a point where major maintenance of the piping is required. The planned work is limited to the 325 Building basement piping downstream of the existing back flow preventors and pressure regulating valve up to the point where the piping penetrates the first floor (approximately 2,500 linear feet of three inch main and smaller branch piping).

DRIVERS

The requirements for this project are as follows: 1) WAC 173-216, "State Waste Water Discharge Permit Program" and 2) Ecology Consent Order DE91NM-177, "Miscellaneous Streams Plan and Schedule".

JUSTIFICATION

The sanitary and process water piping systems throughout the 325 Building have deteriorated due to corrosion, age, and use. The condition of the piping system is poor, and general failures of the system are likely. A system failure could present a high risk to vital mission property and research data. A failure of water system has the potential for creating serious violations of environmental regulations by the release of radioactive or hazardous materials outside the building containment barriers. The piping mains throughout the building have been in existence since construction in 1953 (45 years). The life cycle of galvanized steel pipe is 20-25 years with normal routine maintenance. Water corrosion has deteriorated the systems by creating deposits and flow restrictions. Portions of these systems have had multiple sections of piping abandoned in place and new pipe has been installed to decrease the cost of repairs. Only the most corroded portions of piping are planned to be replaced by this project, which supports vital Hanford mission projects within the 325 Building.

IMPACT OF NOT DOING

If this project is not funded, the 325 Buildings water systems continue to operate at high risk to overall operations. If water control is lost, there is a high potential for impact on vital Hanford mission research, property loss, and spread of contamination to the environment. Maintenance cost to keep the system operational will continue to escalate as the system continues to deteriorate. A major loss of water control within the building could cause serious violations of environmental regulations and would cause significant property loss.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

L-291, Sanitary Water and Sewer to Patrol Training Academy

ESTIMATED COST: \$641K

WORKSCOPE

This project replaces the deficient sanitary sewer system and drinking water well system for the Patrol Training Academy (PTA) by tying these facilities to the City of Richland sanitary water and sewer system connection in the HAMMER Facility. This project provides a compliant sanitary sewer system, reliable drinking water, and sufficient water capacity for a fire protection system for PTA facilities.

DRIVERS

The requirements for this project are as follows: 1) Washington Administrative Code (WAC) Chapter 246-272, "Onsite Sewage System", which mandates specific health and safety requirements for septic systems and 2) WHC-SD-LL-SP-001, "200/600 Area Sanitary System Wastewater Master Plan", dated 4/15/96, which is the plan to have all operating septic systems in compliance with Washington State Regulations around the year 2000. This master plan was an outcome of the Tri-Party Agreement consent order to eliminate non-permitted wastewater flows to the soil column.

JUSTIFICATION

In order to comply with the 200/600 Sanitary Waste Water Plan (WHC-SD-LL-SP-001) as approved by the Department of Ecology, the noncompliant PTA sanitary sewer system requires replacement. The DOE has made a commitment to the Department of Ecology to meet Washington State waste water discharge requirements. Also, the current domestic water well system does not have capacity to provide fire protection water to the PTA facilities and numerous times this system has failed to meet safe drinking water standards, which requires shutdown of the system until repairs are made.

IMPACT OF NOT DOING

If this project is not funded, the PTA's septic system continues to be out of compliance with Washington State Health, Safety, and Environmental requirements. Furthermore, the continued use, future expansion, and diversification of the PTA facilities will not happen. Also, the PTA facilities will not have a fire protection system to protect these facilities in case of a fire. The PTA is an isolated facility and water needs to be brought in to fight a fire. The PTA has only one main restroom and utilizes well water. Therefore, no additional restrooms can be installed and the personnel at the PTA continues to experience the cutoff of safe drinking water due to the current water system malfunctions.

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Closure of Abandon Septic Systems

ESTIMATED COST: \$90K

WORKSCOPE

This activity properly dispositions many of the small, abandoned septic systems that have ceased discharge, but have not been put into compliance with Washington State requirements. This scope will properly close abandoned septic systems, prepare engineering documents, prepare permits and environmental documentation, expose septic tank, remove lids, fill void with soil or sand slurry, backfill tank, and install new signs indicating abandonment per Washington State Compliance (WAC) codes.

DRIVERS

Washington Administrative Code (WAC) Chapter 246-272, "Onsite Sewage Systems", regulations mandates specific health and safety requirements that septic system must meet. In April 1996, the Department of Energy transmitted to the Washington State Department of Ecology a plan to bring all Hanford septic systems into compliance with WAC 246-272 in the year 2000 (WHC-SD-LL-SP-001, "200/600 Area Sanitary System Wastewater Master Plan", dated 4/15/96). This plan was updated in July 1998 to reflect the current status of the outer area septic systems and the plan to comply with state regulation. This requirement is an outcome of the Tri-Party Agreement consent order to eliminate non-permitted wastewater flows to the soil column.

JUSTIFICATION

To meet Washington Administrative codes, abandoned systems must be properly closed. This work scope properly closes abandoned small septic systems in the outer area that have ceased discharge, but have not met Washington State requirements. This activity assures that non-permitted waste water flows will not occur and that the septic system closure meets current requirements.

IMPACT OF NOT DOING

The Department of Energy has made commitments to the Washington State Department of Ecology (WSDOE) to bring abandon noncompliant septic systems into compliance with state regulation.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Plan to Disposition Waste Sites

ESTIMATED COST: \$31K

WORKSCOPE

This activity includes the preparation of a plan to disposition, surveil and maintain, provide control access and identify reporting requirements for abandoned waste sites assigned to the Infrastructure Division of the PHMC (approximately 255). The plan will categorize and prioritize the site for disposition based on the impact to the environment and site personnel. The waste sites will be dispositioned in the outyears based on the priorities established in the detail plan.

DRIVERS

Washington State Department of Ecology regulations require the proper disposition of waste sites. The Department of Energy letter 9757494 (97-PRO-855), "Contract No. DE-AC06-97RL 13200 - Agreement for Assignment of Waste Sites for Management by Fluor Daniel Hanford Inc. (FDH)," dated August 20, 1997 assigns waste sites oversight to the PHMC to be further assigned to the appropriate PHMC subcontractor.

JUSTIFICATION

Washington State environmental regulations require the proper management of waste sites through final disposition. The waste sites assigned to the infrastructure must be managed to state and federal environmental laws

IMPACT OF NOT DOING

If this activity is not performed then the Infrastructure Division would be out of compliance with state and federal regulations and fines could be levied. Also, if these sites are not properly categorized and prioritized for disposition, then site workers and the environment would be exposed to increased health and safety risks.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Plan to Disposition 384 Powerhouse Fuel Tanks

ESTIMATED COST: \$50K

WORKSCOPE

This activity includes the preparation of a plan to disposition six (6) concrete fuel oil tanks drained and abandoned in place as part of the 384 Powerhouse shutdown. The plan will develop a strategy to disposition these tanks in the outyears. The activity includes sampling, characterization, and analysis to develop a detail disposition plan.

DRIVERS

Washington Administrative Code (WAC) 173-302, "Hazardous Waste Regulations " requires the proper disposition of fuel oil waste and residues.

JUSTIFICATION

Sample results of the residues remaining in the six fuel oil tanks that serviced the 384 Powerhouse shows that two tanks contain a small amount of hazardous waste residues. Discussions with the Washington State Department of Ecology has lead to the agreement that a plan to properly disposition these tanks will be developed in FY 1999 for final disposition of the tanks in FY 2000 based on the plans recommendations.

IMPACT OF NOT DOING

If these hazardous waste residues are not properly dispositioned, then increase risk of contamination to the environment or site workers is possible, if these tanks leaked. Also, if this disposition plan is not funded then the Department of Ecology could levy fines.

LANDLORD PROJECT

WBS 1.5

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

CAMIS Mapping Services

ESTIMATED COST: \$362K

WORKSCOPE

This activity provides project management of site contractor integration of base maps; PHMC integration of Computer Automated Mapping Information System (CAMIS) updates; and general mapping system maintenance, upgrades, base mapping, project management, data modeling, and strategic planning. CAMIS serves as a repository for Hanford mapping and spatial data. Included in CAMIS is geographical information related to site infrastructure (i.e., electrical, water, sewer, telecommunications, roads, fences, above and below ground structures). CAMIS is used to support configuration control of engineered and regulatory systems. The Landlord Project funds Site Spatial Data Council (SSDC) administrative costs, PHMC Librarian labor hours, development of PHMC policies and procedures to implement SSDC guidelines and policies, CAMIS software operations and maintenance costs, base map and orphan map updates.

DRIVERS

The requirements for this activities are as follows: 1) Executive Order 12906, "Coordinate Geographic Data Acquisition and Access", 2) Resource Conservation and Recovery Act (RCRA) and 3) National Fire Protection Association (NFPA), the applicable electrical codes for engineering configuration of control systems.

JUSTIFICATION

Within the Landlord Project there are two activities that require maps: Land Use Planning and Real Estate Management. CAMIS has served over time to integrate the needs for Hanford Site maps. CAMIS base maps have become the Site standard for utilization by all the Hanford projects and this service is essential to the cost effective cleanup of the Hanford Site. Also, it is vital that an up-to-date, consolidated system is maintained for the Site to support the transfer and excess of facilities to outside entities as the Site is cleaned up, support excavation of underground utilities, and for the identification of facilities and systems for emergency response actions (i.e., Emergency Services, Patrol, Emergency Preparedness, etc.).

IMPACT OF NOT DOING

This data is vital to support excavation of underground utilities and for the identification of facilities and systems for emergency response actions (i.e., Emergency Services, Patrol, Emergency Preparedness, etc.). Potential concerns include: inadequate configuration control and fragmentation of data, disruption of services to customers routinely needing updated geographic information.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

L-297, Equipment Disposition Project

ESTIMATED COST: \$1,920K

WORKSCOPE

This funding for the Equipment Dispositioning Project (EDP) provides design, permitting, and NEPA documentation for a temporary disassembly/characterization enclosure for the compliant characterization, staging, and dispositioning of the remaining radiologically contaminated equipment. Also, one well/cask car, two air compressors on trailers, and one mobile crane is planned to be characterized and dispositioned. The EDP project is a phase funded project between FY 1995 and 2006 to disposition all radiologically contaminated fleet rail and heavy mobile equipment left when the Hanford mission changed to Environmental Restoration. There are approximately 35 pieces of equipment remaining to be dispositioned, of which approximately 16 are well/cask cars requiring a permitted facility to safely complete the needed characterization.

DRIVERS

The requirements for this activity are as follows: 1) WAC 173-303, "Dangerous Waste Regulation", 2) 40 CFR 260, "Hazardous Waste Management System", 3) DOE Order 5460.4, "Environmental Protection, Safety & Health Protection Standards," and 4) 5483.01A, "Occupational Safety & Health Program for DOE Contractor Employees". Also, the disposition of contaminated equipment requires the proper handling of regulated waste under the Resource Conservation and Recovery Act.

JUSTIFICATION

The Equipment Dispositioning Project has reduced the inventory of contaminated equipment staged on site, with resultant benefits in reduced potential for personnel exposure and releases to the environment. The project has also established a method to clean metal and release it for public sales. The project has established a detailed inventory of contaminated equipment pieces and a detailed plan to complete final disposition of the equipment by the end of FY 2006. The Washington State Department of Ecology (WSDOE) and the Department of Health (WSDOH) have been satisfied with the progress of the disposition of this legacy equipment, but failure to fund or slow progress of this activity would invoke mandatory compliance requirements.

IMPACT OF NOT DOING

The final disposition of the legacy regulated equipment is the highest priority activity funded by the Landlord Project and is the most important activity which supports the Accelerated Clean Up by the end of FY 2006. The Department of Energy is at risk of having a mandatory compliance agreement established or fines, if this project does not receive proper funding to meet goals of the EDP Plan. WSDOE and WSDOH support the continued and ongoing progress. If progress towards final disposition slows or is stopped, these agencies would mandate a binding compliance agreement or possibly levee fines.

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Surveillance/Maintenance of Vacant Facilities

ESTIMATED COST: \$266K

WORKSCOPE

This activity provides surveillance and maintenance (S&M) of vacant infrastructure facilities and the utilities assessment for water, sewer, and electrical as required. In FY 1999, approximately 50 facilities will be in the S&M project. The S&M activities include a review of each facility on a monthly basis from April through September and a weekly basis from October through March. More frequent visits are conducted to check cold weather conditions. During all surveillance the facilities are reviewed for access control and insure no maintenance or safety problems exists.

DRIVERS

Once a facility is no longer needed, it is a best management practice to surveil and maintain the facility until it is dispositioned. The majority of the facilities in the S&M mode have water still tied to them, which requires the proper protection of the water supply to the standards of WAC 246-290, "Group A Public Water Systems", specifically Part 100 of this WAC requires standard protection of the water works.

JUSTIFICATION

After a facility is shutdown it is placed in S&M mode until permanent disposition can occur. With current budget constraints that have eliminated building demolition, surveillance of vacant facilities remains a cost effective option to lessen the liabilities on site. With the ongoing site headcount reductions, less facilities are required to support the Site Mission. Currently, there are approximately 50 buildings in the S&M mode and this will continue to increase, because demolition funding for uncontaminated vacant facilities is not supported. To surveil, maintain, and pay the utilities assessment on vacant facilities is estimated to cost between approximately \$5,000 and \$6,000 per year per facility.

IMPACT OF NOT DOING

Without funding, these deteriorating buildings would result in personnel and site safety issues. Only the minimum S&M is performed to assure these facilities do not become a safety and environmental issue due to exposure to the weather.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Utility Isolation Infrastructure Buildings

ESTIMATED COST: \$595K

WORKSCOPE

This activity provides utilities (electrical, water, sewer, and telecommunications) isolation of vacant and shutdown infrastructure facilities. In FY 1999, approximately 50 facilities will be isolated. The isolation process includes the physical disconnection of the utility from the main header to assure back feed into the vacant facility will not occur. This activity includes preparation of required documentation and the oversight of the actual isolation.

DRIVERS

Once a facility is no longer needed, it is a best management practice to isolate the facility to reduce the Site cost until it is dispositioned. The majority of the facilities require the isolation of the water to properly protect the water supply to the standards of WAC 246-290, "Group A Public Water Systems", specifically Part 100 of this WAC requires standard protection of the water works.

JUSTIFICATION

After a facility is shutdown, it is prudent to isolate the facilities utilities to reduce the health and safety risks to the surrounding occupied facilities. Also, the utility isolation of facilities reduces the surveillance and maintenance needs, and for mobile offices allows them to be declared excess and made available for reuse by another government agency or auction to offsite agencies. The end result is the removal of the mobile office from the Site and reduced Hanford costs. The average cost to isolate a mobile office is approximately \$12,000. Thus isolating the utilities for mobile offices will pay for itself in surveillance and maintenance costs in approximately two years. With the ongoing Site headcount reduction, less facilities are required to support the Site and isolation of the facilities speeds up the disposition process and reduces liabilities to others.

IMPACT OF NOT DOING

If this activity is not funded these facilities would remain in their current locations and continue to deteriorate creating safety and environmental issues. Also, until mobile offices are isolated from their utilities, surveillance and maintenance activities must continue, and savings to the Site cannot be realized for excessing these facilities.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Shutdown of Infrastructure Buildings

ESTIMATED COST: \$65K

WORKSCOPE

This activity provides the shutdown of infrastructure facilities that are no longer needed to support the Hanford mission. In FY 1999, approximately 17 facilities will be shutdown. When a facility is vacated, it is reviewed by Environmental, Health Physics, Maintenance, Property Management, Real Estate Management, Safety, and Security organizations to ensure the building is placed in a safe and secure condition. Building problems are resolved and government owned materials and equipment are removed. Finally, unneeded utilities are turned off, ongoing maintenance is terminated, building is posted as vacant, and shutdown work and existing conditions are documented.

DRIVERS

Once a facility is no longer needed, it is a best management practice to shutdown the facility to reduce the Site cost until the utilities can be isolated and the facility dispositioned.

JUSTIFICATION

The shutdown process places each facility in a "cheap to keep" mode and limits the liabilities to the Site. The shutdown of water to a facility will reduce the utility cost for the vacant facility, because it will no longer requires heating. As part of the downsizing of the Hanford Site the number of occupied facilities will be reduced, thus reducing maintenance costs.

IMPACT OF NOT DOING

This activities is a required function of the Landlord Project, once a facility is no longer needed to support the Site mission. Without funding for shutdown of vacant facilities, maintenance and utility costs cannot be reduced. Only the minimal shutdown activities are performed to assure these facilities do not become a safety and environmental issue, until they are isolated and final disposition occurs. Without continued usage of the water supply, water could become stagnant, unsafe drinking water to workers could exist, and the water system may be out of compliance with the Washington Administrative Codes.

FY 1999 Work Plan

HNH-SP-1242, Rev. 1

FY 1999 Landlord Priority List

L-298, Road Refurbishment

ESTIMATED COST: \$980K

WORKSCOPE

This activity includes lighting and acceleration lanes at the 2704HV entrance and overlay of approximately 7.7 km (4.8 miles) of Route 11A. The Hanford Site roads were inspected in FY 1996 and FY 1997 using criteria in the Pavement Management Plan. A priority was established to identify the roads most urgently needing resurfacing and this priority is routinely reviewed based on visual inspection of the Hanford road system by the PHMC Transportation Department.

DRIVERS

Washington Department of Transportation guidelines on the economical benefit of properly maintaining existing roads, and the PHMC contractors responsibility to provide adequate and safe roads to support the Hanford Site mission.

JUSTIFICATION

A detailed inspection of the Hanford Site roads was conducted in FY 1996 and FY 1997, and using Corp. of Engineers and Department of Transportation criteria a Hanford roads Pavement Management Plan was developed. A priority was established to identify the roads needing the most urgent resurfacing and a priority listing was developed based on condition and usage of the road. It is ten times more costly to rebuild a road from its subgrade, then supporting sound maintenance practice of overlaying, chip sealing, and crack sealing. The road resurfacing priorities are reviewed yearly and the roads to be resurfaced are adjusted based on conditions from winter and spring weather conditions.

IMPACT OF NOT DOING

If this activity is not funded the roads subsurface would continue to deteriorate, resulting in major failure of the subgrade road bed. This results in extensive and costly repairs of the subgrade road structure, thus increasing the refurbishment of the road by as much as ten times.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Underground Storage Tanks Replacement /Disposition (LMSI)

ESTIMATED COST: \$300K

WORKSCOPE

This activity includes the removal or abandonment in place of three noncompliant diesel fuel oil Underground Storage Tanks (UST) and the installation of two above ground storage tanks at vital telecommunication sites on the Hanford Site. There is one UST at each of the following telecommunication sites: (1) Gable Mountain, (2) Rattlesnake Mountain (Tank #11211), and the 506BA Building (Tank #11202). New above ground fuel oil tanks are planned to be installed at Rattlesnake Mountain and the 506BA Buildings Sites (Gable Mountain Site does not require a replacement fuel oil tank). The work scope includes remediation, characterization, notification, permitting, physical removal/abandonment tasks, as-builts, and closeout documentation. Also, the installation of the two new above ground tanks requires design, construction, and associated documentation activities.

DRIVERS

The disposition of these tanks are required by Washington Administrative Code (WAC) 173-360, "Underground Storage Tank Regulations," Chapter 310(1).

JUSTIFICATION

The dispositioning of these tanks are required to comply with WAC regulations and must be completed by December 22, 1998. The replacement of the Rattlesnake Mountain and 506BA Building tanks are required to provide backup power for vital emergency communication systems located at these sites.

IMPACT OF NOT DOING

If these tanks are not brought into compliance with Washington State regulations fines would be levied by Washington State Department of Ecology. If the two new tanks were not installed then vital emergency communication systems would not have proper backup power, thus increasing the risk of improper notification of site emergencies.

FY 1999 Work Plan

HNF-SP-1242, Rev. 1

FY 1999 Landlord Priority List

Underground Storage Tanks Replacement /Disposition (LMSI)

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**LANDLORD PROJECT
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FY 1999 Work Plan

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Landlord Project Site Infrastructure Priorities for FY 2000

Description	FY 2000 Estimate	MYWP Estimate	Changes from Original Project Priority List	
			Escalation & G&A Increase	
Program Management / Project Support	1,000	1,015	Escalation & G&A increase	
Fee	900	900	none	
RL Contracts	100	100	none	
Chlorine Mitigation (200 Area)	410	410	no change at this time	
Data Network Renovation	520	1,170	Revised amount based on detailed baseline estimate	
Ambulance 91, 68G-3861 (1988)	195	195	no change at this time	
Eng-93, 68D-3872 (Aerial Ladder 55)	435	435	no change at this time	
Eng-932, 68D-3876 (Pumper) 1981	440	440	no change at this time	
Project L-270, Emergency Services Renovation (200 Area) - Capital Split Fund	1,850	2,200	At the completion of definitive design construction cost will be determined	
Land Use Planning/Asset Conversion	965	988	Escalation & G&A increase	
Landfill Closure Project - Definitive Design only (project will be multi-year funded)	-	325	Project acceleration as a General Plant Project. Total Project Cost currently estimated at between \$3.7 and \$5M (pending completion of NEPA determination in FY 1999)	
Replace 621A Building Generator	50	50	no change at this time	
Broadband End-of-Life Conversion Phase II	650	-	Funded in FY 1999	
2101M & MO-235 Storm Water Drainage Resolution	160	178	Revised amount based on detailed baseline estimate (includes escalation & revised G&A rates)	
Closure of Abandon Septic Systems	180	223	Includes partial funding for closure of abandoned waste sites (255 sites)	
Equipment Disposition Project	3,485	3,485	no change at this time	
Surveillance/Maintenance of Vacant Facilities (incl Electrical Util)	705	577	Based on FY 1999 S&M (escalated & revised G&A rates) and added FDNW buildings	
Utility Isolation Infrastructure Buildings	650	646	no change at this time	
Shutdown of Infrastructure Buildings	150	141	Based on FY 1999 Shutdown (escalated & revised G&A rates) and added 15 additional buildings	
Raw Water Flow Meters	220	220	no change at this time	
2751E & 2753E Building Exterior Refurbishment	155	155	no change at this time	
Road Refurbishment (includes hauling impacts)	2,320	2,320	no change at this time	
CAMIS Mapping Services (minimum funded)	300	393	Revised amount based on detailed baseline estimate (includes escalation & revised G&A rates)	
325 Building South Section Roof Replacement	460	495	Revised amount based on detailed baseline estimate (includes escalation & revised G&A rates)	
3790 Bldg. HVAC/Roof Replacement	400	-	Defer due to funding limitations	
PNNL Capital Equipment - Hanford External Dosimetry Project	35	-	Funded in FY 1998	
PNNL Capital Equipment - Computer System	250	-	Project eliminated by PNNL	
PNNL Capital Equipment - High Range Thermoluminescent Reader	75	-	Funded in FY 1998	
Subtotal Min-Safe (\$17,060)	17,060	17,060		

PERFORMANCE ENHANCEMENT WORKSHEET

ITEM 1

Part I Prob- par-	DESCRIPTION OF ENHANCEMENT OPPORTUNITY	Ranges			FUNDING REQUIRED TO INVESTIGATE OPPORTUNITY (\$100K)	NRSA WERE FUNDING IS REQUIRED
		FROM ESTIMATED PROBABILITY OF SUCCESS (%)	SAVINGS (\$Millions)			
Total			40	50	50	

Part II
STEPS/SCHEDULE TO ACCOMPLISH PART I ENHANCEMENTS

SCHEDULE TO ACCOMPLISH PART 1			BGR Required?	
Activity Description	Dates		Yes	No
	Start	Complete		
1. Non-Infrastructure/Industrial Project Activities constituting a				
2. common industrial process technology work scope that has not				
3. through is not required to effectively complete the Part 1 and Project				
4. work scope through the lifecycle (2016)				
5.				
6.				
7.				
8.				
9.				
10.				

ITEM 2

Part I PROJ: PFS:	RANGES	FROM ESTIMATED COUNTRY OPPORTUNITY OF SUCCESS (%)	FUNDING REQUIRED TO SEIZE OPPORTUNITY (\$thous)	WHERE FUNDING IS REQUIRED

Part II
STEPS/SCHEDULE TO ACCOMPLISH PART I ENHANCEMENTS

STEPS/SCHEDULE TO ACCOMPLISH PART I ENHANCEMENTS					
No	Activity Description	Dates		BOR Required?	
		Start	Complete	Yes	No
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

FY 1999 Work Plan

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PERFORMANCE ENHANCEMENT WORKSHEET

ITEM 3

Part I	PROJ:	PBS:	DESCRIPTION OF ENHANCEMENT OPPORTUNITY	RANGES		FUNDING REQUIRED TO INVESTIGATE OPPORTUNITY (\$thous)	WBS#(s) WHERE FUNDING IS REQUIRED
				ROM PROBABILITY OF SUCCESS(%)	ROM ESTIMATED LIFE CYCLE SAVINGS (\$millions)		
						\$0	\$0
Total						\$0	\$0

Part II
STEPS/SCHEDULE TO ACCOMPLISH PART I ENHANCEMENTS

Activity Description	Dates		BCR Required?
	Start	Complete	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

ITEM 4

Part I	PROJ:	PBS:	DESCRIPTION OF ENHANCEMENT OPPORTUNITY	RANGES		FUNDING REQUIRED TO INVESTIGATE OPPORTUNITY (\$thous)	WBS#(s) WHERE FUNDING IS REQUIRED
				ROM PROBABILITY OF SUCCESS(%)	ROM ESTIMATED LIFE CYCLE SAVINGS (\$millions)		
				0		\$0	
Total						\$0	

Part II
STEPS/SCHEDULE TO ACCOMPLISH PART I ENHANCEMENTS

Activity Description	Dates		BCR Required?
	Start	Complete	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

LANDLORD PROJECT
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FY 1999 Work Plan

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Performance Objectives and Measures

HSP Success Indicator/ Critical Success Factor	Strategic Outcome/Goal	Performance Objective	Output/Metric	EM Management Commitment				End Point Target
				FY 1999	FY 2000	FY 2001	FY 97-06	
TP13 Reduced risk; reduced inventory; reduced mortgages; increased land available	Facilities/Transition goal	Transition 300 Area decontaminated facilities to low risk, low cost surveillance & maintenance state	Facilities, completed assessments of facilities	No			60	60
		Facilities, final completion of decommissioning		24	12	10	192	712
		Facilities/buildings deactivated during the period		44	11	25	228	718
		Facilities/buildings in post deactivation monitoring		25	24			
		Facilities/buildings not yet deactivated		6	6			
C.4.1		Hazardous waste disposal, on- site commercial (tons)		30	30	172	1,030	4,980
		Hazardous waste, new waste m3		30	30	30	119	119
		LLW new waste m3		70	70	70	610	610
TP13	Facilities/Transition goal	Transition 300 Area contaminated facilities to low risk, low cost surveillance & maintenance state	MLLW new waste m3	No			24.3	24.3
TP13 Reduced risk; reduced inventory; reduced mortgages; increased land available	Facilities/Transition goal	Transition 300 Area contaminated facilities to low risk, low cost surveillance & maintenance state						

LANDLORD PROJECT WBS 1.5

FY 1999 Work Plan

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Summary of Proposed Updates to Landlord Project Multi-Year Work Plan

1. PBS Number and Title: TP-13, Landlord Project

2. Outcomes – based on proposed updates:

- No change to EM commitments
- No change to PBS metrics
- No change to interim end points for 1999

3. Technical – based on proposed updates:

- No change to technical requirements
- No overall change in technical workscope
- Infrastructure workscope has been consolidated into 15 major facilities from the previous 38. Hanford railroad system is being shutdown and excessed in FY 1998. Therefore, the Landlord Project will no longer be required to provide major maintenance and replacements for the railroad system. (See attached Work Breakdown Structure.)

4. Schedule – based on proposed updates:

- No regulatory, DNFSB, or HQ milestones have been modified. RL milestone LLP-098-220, General Plant Project, L-286, "200 East Area Sanitary Waste Water Plant Effluent Stream Reduction" construction completion is being delayed by two months (completion 4/30/99 versus planned 2/28/99). No overall impact at PBS level.
- Based on Engineering Alternatives analysis complete in May 1998, the Solid Waste Landfill Closure Project will be accelerated from a FY 2007/2008 Line Item Project (budgeted at \$15M) to a FY 2000/2001 General Plant Project (budgeted at \$5M).
- No overall schedule impact due to budget funding level.

5. Cost – based on proposed updates:

No significant cost changes have resulted from changes above. The Landlord Project had minor changes to individual subprojects due to firmer estimates, but within expected thresholds. Also, had minor cost impacts due to G&A rate and FDH fee allocation increases (approximately 1%). Outyear funding needs (between FY 2007 and 2010) have been reduced by \$10M for the closure of the Solid Waste Landfill and the acceleration of the project into FY 2000/2001.

6. Funding:

The FY 1999 Presidents Budget Funding Level for the Landlord Project is approximately \$158K (1.2%) lower than Target Funding Level, no overall impact to the Project.

**LANDLORD PROJECT
WBS 1.5**

FY 1999 Work Plan

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7. Key Areas of Focused Emphasis:

- **Performance Objectives and Performance Metrics:**

No Impact

- **Performance Enhancements:**

Based on Engineering Alternatives Study for closure of the Central Sanitary Landfill complete in May 1998. The closure can be completed in FY 2001 rather than FY 2008 and the budget reduced from a \$15M Line Item to a \$5M General Plant Project.

- **Technical Issues Management List (TIML) Issues:**

None

- **Technology Insertion Points (TIPS):**

None

FDH-9858505

ENCLOSURE

LANDLORD PROJECT MULTI-YEAR WORK PLAN
FISCAL YEAR 1999
WBS 1.5

HNF-SP-1242
Revision 1