SAND2007-3842P

Sandia National Laboratories/California Annual Stormwater Report

for Stormwater Discharges Associated with Industrial Activities

July 1, 2006 – June 30, 2007

State of California
STATE WATER RESOURCES CONTROL BOARD

2006-2007
ANNUAL REPORT
FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 2006 through June 30, 2007

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers and e-mail addresses of the Regional Board contacts, as well as the Regional Board office addresses can be found at http://www.waterboards.ca.gov/stormwtr/contact.html. To find your Regional Board information, match the first digit of your WDID number with the corresponding number that appears in parenthesis on the first line of each Regional Board office.

GENERAL INFORMATION:

A. Facility Information:

Facility WDID No: 2 01S002598

Facility Business Name: Sandia National Labs, California
Contact Person: Robert Holland
Physical Address: PO Box 69, MS9221
e-mail: RCHOLLA@sandia.gov
City: Livermore
CA Zip: 94551-0969 Phone: (925) 294-3755
Standard Industrial Classification (SIC) Code(s): 4953, 3471

B. Facility Operator Information:

Operator Name: US Department of Energy
Contact Person: Karen Agogino
Mailing Address: Sandia Site Office, PO Box 5400
e-mail: KAgogino@DOEAL.gov
City: Albuquerque
State: NM Zip: 87185-5400 Phone: (505) 845-6100

C. Facility Billing Information:

Operator Name: Sandia National Laboratories, California
Contact Person: Robert Holland
Mailing Address: PO Box 969, MS 9221
e-mail: RCHOLLA@sandia.gov
City: Livermore
State: CA Zip:94551-0969 Phone: (925) 294-3755

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

   ☐ **YES** Go to Item D.2 ☒ **NO** Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

   i. ☐ Participating in an Approved Group Monitoring Plan **Group Name:** _____

   ii. ☐ Submitted **No Exposure Certification (NEC)** Date Submitted**:** ___/___/___

   Re-evaluation Date**:** ___/___/___

   Does facility continue to satisfy NEC conditions? ☐ YES ☐ NO

   iii. ☐ Submitted **Sampling Reduction Certification (SRC)** Date Submitted**:** ___/___/___

   Re-evaluation Date**:** ___/___/___

   Does facility continue to satisfy SRC conditions? ☐ YES ☐ NO

   iv. ☐ Received Regional Board Certification Certification Date**:** ___/___/___

   v. ☐ Received Local Agency Certification Certification Date**:** ___/___/___

3. If you checked boxes i or iii above, were you scheduled to sample **one** storm event during the reporting year?

   ☐ **YES** Go to Section E ☐ **NO** Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

NOTE ON STATION N: The U.S. Department of Energy (DOE) and SNL/CA received approval from the Regional Water Board to close the Navy Landfill (NLF) onsite. Conditions of the closure require SNL/CA to collect stormwater runoff samples immediately downstream of the NLF site twice per year (letter from Mark Ruderman, Regional Water Board staff, March 17, 1998). The sampling is incorporated into the stormwater program, and the samples are analyzed for the basic parameters (TSS, pH, specific conductivity, and oil and grease). Under the terms of the negotiation, Water Board staff may approve discontinuation of further stormwater sampling at the NLF site if TSS concentrations continue to be lower than background concentrations for two consecutive seasons. It is often difficult to collect stormwater samples from this location.

1. How many storm events did you sample? 2 If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

☒ **YES** ☐ **NO** **attach explanation** **(Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)**

3. How many storm water discharge locations are at your facility? One site outfall and 20 discharge locations

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's' storm water discharge locations? ☐ YES, go to Item E.6 ☒ NO

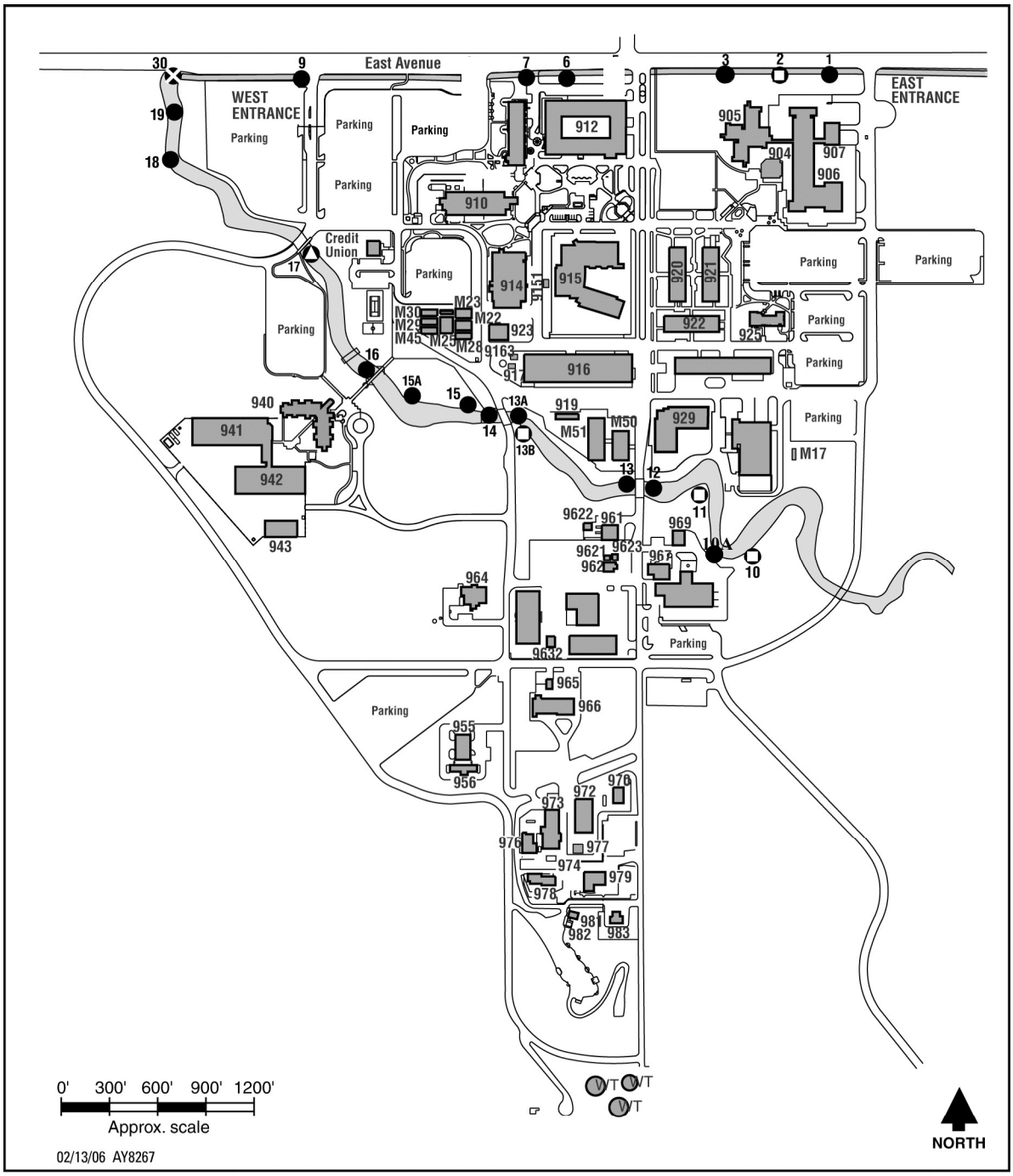
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? ☒ YES ☐ NO, **attach explanation**

   If "YES", **attach documentation** supporting your determination that two or more drainage areas are substantially identical.

   See Table 1. Rationale for Selecting Storm Water Sampling Locations, which describes how discharge locations are substantially identical. Figure 1 shows the site outfall and drainage points. Figure 2 shows the stormwater sampling locations. Not all sites identified were sampled during the first storm event in January because there was no discharge at some of the locations.

   Date facility's drainage areas were last evaluated 01/08/07

FIGURE 1. SITE OUTFALL AND DRAINAGE POINTS



Legend

- Site Outfall (Automatic Samples)
- Observation Only Locations
- Observation and Automatic Sample Locations
- Observation and Physical Sampling Locations
- Arroyo Seco
- Ditch along East Avenue

SITE OUTFALL AND DRAINAGE POINTS

FIGURE:	DATE:

FIGURE 2. STORM WATER SAMPLING LOCATIONS

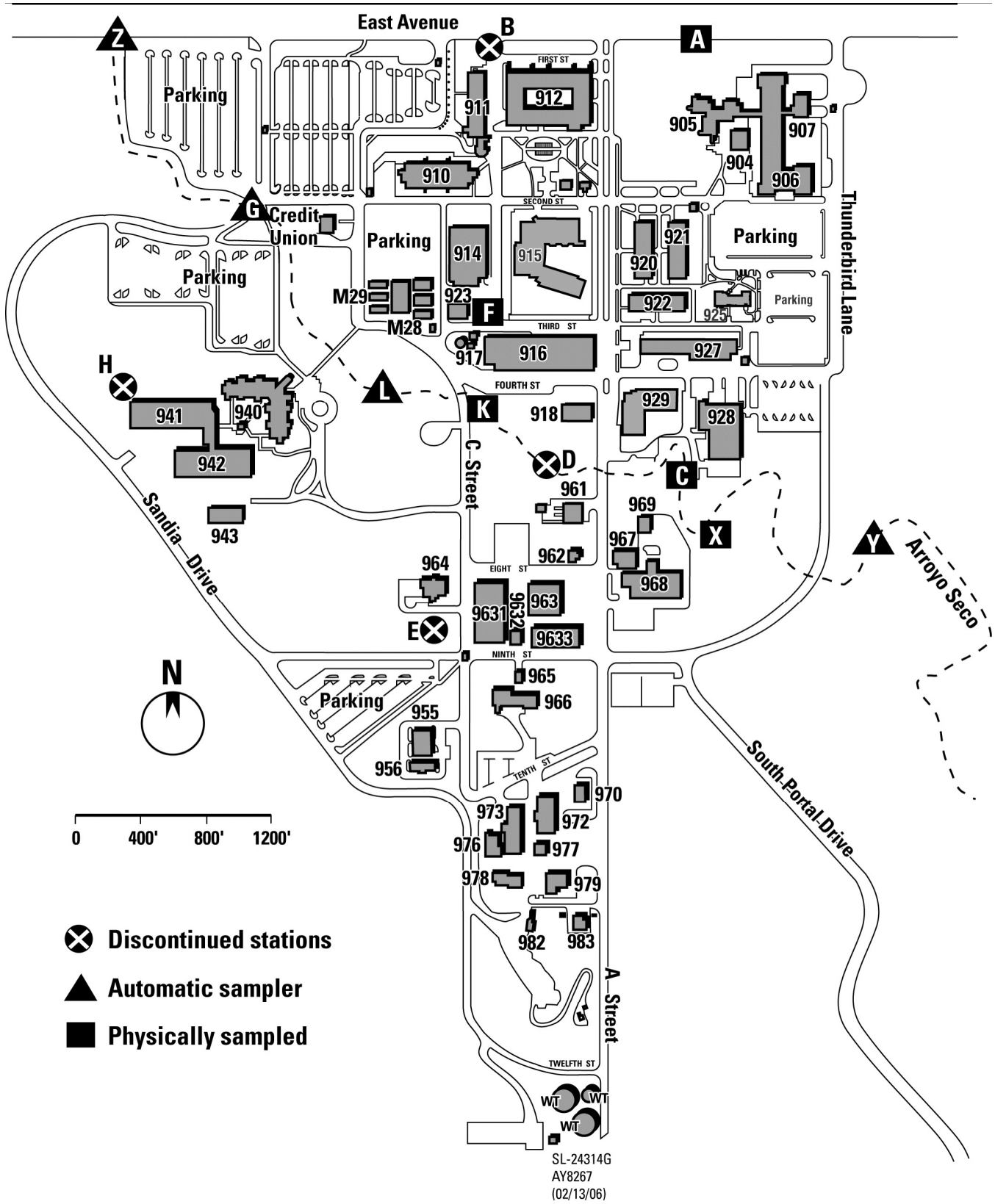


Table 1. Rationale for Selecting Stormwater Sampling Locations

Discharge Location	SW Sample Location	Drainage Area ID#	Description of Drainage Area	Description of Drainage Area Activities
1	no sample	1	West side of Thunderbird Lane; south side of B906	road; drains parking and driveway areas; storage sheds; significantly identical to Area 3
2	A	2	East side of Combustion Research Facility (CRF) area	Outdoor maintenance and material handling; oils and solvents storage; significantly identical to Area 3
3	No sample	3	West side CRF area	Outdoor maintenance and material handling; oils and solvents storage; significantly identical to Area 2
	sheet flow	4	East side, north end A Street (B920, 921, 922)	Administration buildings/office areas
	sheet flow	5	West side, north end A Street; ➢ East side B912 ➢ East side park area above underground Computer Facility	office areas, outdoor activities include Cushman parking, park area
6	no sample	6	Building 912 courtyard	Drains park in office courtyard
7	B (6)	7	B Street: ➢ East side B911 ➢ West side B912 ➢ West side park area above underground Computer Facility	Office buildings; indoor equipment room; outdoor activities include Cushman parking, park area
	no sample; connects underground	8	Park area in front of Gate 1 (west side B911 and north side B910)	Drains parking and office areas
9	no sample	9	North west parking area	Drains parking area
10	X	10	East side B968 (CDRL); parking lot south of B968	Outdoor material handling; covered storage next to building; parking lot
10A	no sample	10A	Driveway on east side of equipment room	unused driveway
11	C	11	East parking area and area west and south Gate 15: ➢ South end east parking area ➢ South east side B927 ➢ North side B928 ➢ West and east side B928	Outdoor materials handling; materials receiving area for entire site; parking area
12	no sample	12	M24 and south west side of B927	Office trailer; indoor office equipment warehouse
	no sample	12A	West side B967	Offices; catch basin in landscaping; location 10 captures possible runoff from CDRL facility
13	no sample	13	Water Tanks	Drains water supply tanks
13A	no sample	13A	Area south of B916; M51, M50, B919	Indoor research laboratories; outdoor storage for B916; paved area

Discharge Location	SW Sample Location	Drainage Area ID#	Description of Drainage Area	Description of Drainage Area Activities
				surrounding electrical switching stations; office trailers
13B	K	13B	Maintenance yard and Hazardous Materials Building: ➢ 7th Street ➢ B961 (Hazardous Materials Facility) ➢ Maintenance Yard	➢ Outdoor hazardous materials handling ➢ Outdoor materials storage and stockpiling ➢ Outdoor raw stock metals stock storage; process chemicals, gas bottles, and storage sheds ➢ Heavy equipment storage (on pervious surface-dirt) ➢ Sand/aggregate material storage ➢ Covered vehicle fueling area ➢ Site maintenance area
14	no sample	14A	North end C Street: ➢ Area west of B9631 ➢ South side B9633 ➢ Former FOS site (closed) ➢ B964	south west of maintenance area; raw stock metals storage, storage sheds; significantly identical to sample K and L
	E (1), N (5)	14B	South end Sandia Drive/C Street: ➢ Areas north and west B965 and 966 ➢ B970 through 983 ➢ Storage bunkers ➢ Security firing range	➢ Outdoor materials handling ➢ Outdoor storage sheds ➢ Outdoor firing shed ➢ Explosives storage ➢ Indoor research laboratories ➢ NFL site (closed)
15	no sample	15	Open asphalt area south of Redwood Park	office buildings
15A	F	15A	West end Third Street and north end Fifth Street: ➢ South west corner of B915 (DISL) ➢ Area east and south B923 ➢ Areas west B916 South end D Street: East end Mobile 28&29 (Redwood Park)	Indoor research laboratories
16	no sample	16	Area east of MANTL (B940)	Drains parking and office area
17	G (2)	17	Second Street west of A Street: ➢ North west corner of B915 ➢ Area east and south B910 ➢ Area west B10 ➢ Area north and east of Credit Union ➢ Area north B914	Outdoor material handling and storage sheds; parking, offices
18	H (3)	18A	North end Sandia Drive: ➢ MANTL	Outdoor maintenance, material handling, storage sheds, vacuum, pumps

Discharge Location	SW Sample Location	Drainage Area ID#	Description of Drainage Area	Description of Drainage Area Activities
	no sample	18B	Area surrounding B955 and 956	Drains parking area; indoor environmental testing
19	no sample	19	Far northwest parking area	Drains parking area
	D (4,7)			
	L		Sample location in Arroyo downstream of 14 and 15A sample locations	
	sheet flow	22	B919 south side	Sheet flow to Arroyo, no outdoor activities
	Y (4)		Arroyo Seco as it enters the site	
30	Z (4)		Arroyo Seco as it leaves the site	

(1) Discontinued after baseline information determined no significant erosion from hill area.
(2) Automatic sampler installed for the 1996/97 wet season.
(3) Discontinued after baseline information on new facility onsite identified significantly identical to Area 7.
(4) Automatic sampler installed for the 1995/96 wet season.
(5) Sample location N is for monitoring the closure of the NLF site and is not part of the stormwater monitoring program for the General Permit.
(6) Discontinued after site construction changed site drainage patterns. This location only receives stormwater drainage from office areas.
(7) Discontinued after site construction changed site drainage patterns. This location formally received sheet flow from hazardous waste facility and maintenance area. These drainage areas are now sampled at location K, 13B.

6. Were all samples collected during the first hour of discharge? ☐ YES ☒ NO, **attach explanation**

   The February storm began during the evening and sampling did not begin until the morning work hours.

7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? ☒ YES ☐ NO, **attach explanation**

8. Were there any discharges of storm water that had been temporarily stored or contained? (such as from a pond) ☐ YES ☒ NO, go to Item E.10

9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) ☐ YES ☐ NO, **attach explanation**

10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.

    a. Does Table D contain any additional parameters related to your facility's SIC code(s)? ☒ YES ☐ NO, Go to Item E.11

    b. Did you analyze all storm water samples for the applicable parameters listed in Table D? ☒ YES ☐ NO

    c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:

    _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**

    _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**

    _____ Other. **Attach explanation**

11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using **Form 1** or its equivalent. The following must be provided for each sample collected:

- Date and time of sample collection
- Name and title of sampler
- Parameters tested
- Name of analytical testing laboratory
- Discharge location identification
- Testing results
- Test methods used
- Test detection limits
- Date of testing
- Copies of the laboratory analytical results

See Table 2. Summary of Analytical Results (2006-2007) and Table 3. Analytical Test Information (2006-2007). Copies of laboratory analytical results are included in Appendix A. Signatures of the Stormwater Team who collected samples are included in Appendix B.

Table 2. Summary of Analytical Results (2006-2007)

Location	SAMPLE COLLECTION Date; Time	DISCHARGE STARTED Date; Time	BASIC PARAMETERS				OTHER PARAMETERS		
			TSS (mg/l)	SC (µmho/cm)	pH	O&G (mg/l)	COD (mg/l)	Cyanide (mg/l)	Tritium (pCi/mL)
A	1/4/07 10:34	1/4/07 06:30	5.0	47	7.2	<1.0	27	<0.01	<0.776
	2/22/07 08:37	2/22/07 04:15	<4.0	32.1	6.94	<5.0	16	<0.002	<0.208
C	1/4/07 10:25	1/4/07 06:30	7.0	35	7.1	<1.0	27	<0.01	<0.776
	2/22/07 07:40	2/22/07 04:15	18.7	24.5	6.7	<5.0	16	<0.002	0.13 @CL
F	1/4/07 10:10	1/4/07 06:30	5.0	26	6.6	1.1	35	<0.01	<0.776
G	1/4/07 10:52	1/4/07 06:30	<3.0	31	7.0	<1.0	25	<0.01	<0.776
	2/22/07 08:17	2/22/07 04:15	<4.0	45.1	6.8	<5.0	14	<0.002	<0.208
K	1/4/07 10:03	1/4/07 06:30	15	49	7.1	<1.0	40	<0.01	<0.776
	2/22/07 08:00	2/22/07 04:15	12	47.7	6.59	<5.0	12	<0.002	<0.208
L	2/22/07 07:40	2/22/07 04:15	24.7	39.5	6.67	<5.0	23	<0.002	<0.208
	2/22/07 07:40 (dup)	2/22/07 04:15	20	41.2	6.65	<5.0	28	<0.002	<0.208
	2/22/07 07:40 (blank)	2/22/07 04:15	<4.0	10.1	8.24	<5.0	<10	<0.002	<0.208
N	1/4/07 11:19	1/4/07 06:30	3.0	39	7.0	<1.0	23	<0.01	<0.776
X	1/4/07 10:37	1/4/07 06:30	<3.0	28	7.0	<1.0	19	<0.01	<0.776
	2/22/07 07:50	2/22/07 04:15	12	21.5	6.55	<5.0	23	<0.002	0.11 @CL
Y	NO FLOW								
Z	1/4/07 10:01	1/4/07 06:30	6.0	49	7.0	1.0	29	<0.01	<0.799
	1/4/07 10:01 (dup)	1/4/07 06:30	6.0	47	6.5	<1.0	27	<0.01	<0.776
	1/4/07 10:01 (blank)	1/4/07 06:30	<3.0	<1.0	5.7	<1.0	<5.0	<0.01	<0.776
	2/22/07 08:25	2/22/07 04:15	10.7	34.5	6.71	<5.0	<10	<0.002	<0.208

Table 2. Summary of Analytical Results (2006-2007)

Location	SAMPLE COLLECTION Date; Time	DISCHARGE STARTED Date; Time	OTHER PARAMETERS (continued)						
			Al (mg/l)	**As** (mg/l)	**Cd** (mg/l)	**Fe** (mg/l)	**Pb** (mg/l)	**Mg** (mg/l)	**Hg** (mg/l)
A	1/4/07 10:34	1/4/07 06:30	0.18	<0.005	<0.002	0.25	<0.005	1.1	<0.0002
	2/22/07 08:37	2/22/07 04:15	0.11	<0.0005	0.00057	0.16	0.003	0.75	<0.000012
C	1/4/07 10:25	1/4/07 06:30	0.53	<0.005	<0.002	0.77	0.0054	0.82	<0.0002
	2/22/07 07:40	2/22/07 04:15	1.1	0.00097	0.00044	1.5	0.0045	1.0	<0.000012
F	1/4/07 10:10	1/4/07 06:30	0.24	<0.005	<0.002	0.39	<0.005	0.37	<0.0002
G	1/4/07 10:52	1/4/07 06:30	0.16	<0.005	<0.002	0.23	<0.005	0.51	<0.0002
	2/22/07 08:17	2/22/07 04:15	0.33	0.00092	0.00041	0.39	0.0033	0.47	<0.000012
K	1/4/07 10:03	1/4/07 06:30	0.88	<0.005	<0.002	1.3	0.0058	1.2	<0.0002
	2/22/07 08:00	2/22/07 04:15	0.92	0.00063	0.00051	0.99	0.0046	1.2	<0.000012
L	2/22/07 07:40	2/22/07 04:15	1.3	0.00085	0.00052	1.6	0.0051	1.3	0.000016
	2/22/07 07:40 (dup)	2/22/07 04:15	1.3	0.0009	0.00048	1.7	0.0052	1.3	0.000014
	2/22/07 07:40 (blank)	2/22/07 04:15	<0.05	<0.0005	<0.00025	0.022	0.0018	0.023	<0.000012
N	1/4/07 11:19	1/4/07 06:30	0.27	<0.005	<0.002	0.32	<0.005	0.81	<0.0002
X	1/4/07 10:37	1/4/07 06:30	0.17	<0.005	<0.002	0.22	<0.005	0.37	<0.0002
	2/22/07 07:50	2/22/07 04:15	0.96	<0.005	0.00038	0.94	0.0054	0.56	<0.000012
Y	NO FLOW								
Z	1/4/07 10:01	1/4/07 06:30	0.51	<0.005	<0.002	0.57	<0.005	0.93	<0.0002
	1/4/07 10:01 (dup)	1/4/07 06:30	0.55	<0.005	<0.002	0.62	<0.005	0.93	<0.0002
	1/4/07 10:01 (blank)	1/4/07 06:30	<0.05	<0.005	<0.002	<0.05	<0.005	<0.1	<0.0002
	2/22/07 08:25	2/22/07 04:15	0.89	0.0008	0.00041	1.2	0.0041	1.2	<0.000012

Table 2. Summary of Analytical Results (2006-2007)

Location	SAMPLE COLLECTION Date; Time	DISCHARGE STARTED Date; Time	OTHER PARAMETERS (continued)				
			Se (mg/l)	**Ag** (mg/l)	**Zn** (mg/l)	**Ammonia-N** (mg/l)	**Nitrite+Nitrate as Nitrogen** (mg/l)
A	1/4/07 10:34	1/4/07 06:30	0.0036	<0.005	0.17	<0.5	1.9
	2/22/07 08:37	2/22/07 04:15	<0.0005	<0.00019	0.15	<0.2	<0.1 + 0.13
C	1/4/07 10:25	1/4/07 06:30	<0.002	<0.005	0.19	<0.5	1.4
	2/22/07 07:40	2/22/07 04:15	<0.0005	<0.00019	0.079	<0.2	<0.1 + 0.12
F	1/4/07 10:10	1/4/07 06:30	<0.002	<0.005	0.047	<0.5	<1.0
G	1/4/07 10:52	1/4/07 06:30	<0.002	<0.005	0.10	<0.5	1.2
	2/22/07 08:17	2/22/07 04:15	<0.0005	<0.00019	0.12	<0.2	<0.1 + 0.39
K	1/4/07 10:03	1/4/07 06:30	<0.002	<0.005	0.062	<0.5	2.0
	2/22/07 08:00	2/22/07 04:15	<0.0005	<0.00019	0.04	<0.2	<0.1 + 0.65
L	2/22/07 07:40	2/22/07 04:15	<0.0005	<0.00019	0.088	<0.2	<0.1 + 0.55
	2/22/07 07:40 (dup)	2/22/07 04:15	<0.0005	<0.00019	0.087	<0.2	<0.1 + 0.55
	2/22/07 07:40 (blank)	2/22/07 04:15	<0.005	<0.00019	<0.005	<0.2	<0.1
N	1/4/07 11:19	1/4/07 06:30	<0.002	<0.005	0.19	<0.5	1.0
X	1/4/07 10:37	1/4/07 06:30	<0.002	<0.005	0.12	<0.5	1.4
	2/22/07 07:50	2/22/07 04:15	<0.0005	<0.00019	0.072	<0.2	<0.1 + 0.13
Y	NO FLOW						
Z	1/4/07 10:01	1/4/07 06:30	<0.002	<0.005	0.15	<0.5	2.4
	1/4/07 10:01 (dup)	1/4/07 06:30	<0.002	<0.005	0.14	<0.5	2.3
	1/4/07 10:01 (blank)	1/4/07 06:30	<0.002	<0.005	<0.02	<0.5	<1.0
	2/22/07 08:25	2/22/07 04:15	<0.0005	<0.00019	0.067	<0.2	<0.1 + 0.4

TSS: Total Suspended Solids
O&G: Oil and Grease
SC: Specific Conductivity
COD: Chemical Oxygen Demand
Al: Aluminum
As: Arsenic
Cd: Cadmium
Fe: Iron
Pb: Lead
Mg: Magnesium
Hg: Mercury
Se: Selenium
Ag: Silver
Zn: Zinc
NA: Not Analyzed
dup: duplicate sample
blank: blank sample

Names of people who collected samples on 1/4/07:
Mark Brynildson (Hazardous Materials Management/Hazardous Waste Management Program Lead) and John Chavarria (Principal Technologist) sampled Location C, F, K, N and X. Robert Holland (Environmental Monitoring Program Lead) and Kristin Kerr (Senior Contractor) sampled Location A, G and Z.

Names of people who collected samples on 2/22/07:
Mark Brynildson (Hazardous Materials Management/Hazardous Waste Management Program Lead) and John Chavarria (Principal Technologist) sampled Location A, G, L and Z. Robert Holland (Environmental Monitoring Program Lead) and Barbara Larsen (Environmental Planning Program Lead) sampled Location C, K and X.

Table 3. Analytical Test Information (2006-2007)

PARAMETERS	Standard EPA Method	Test Method Detection Limit
BASIC		
Total Suspended Solids	SM 2540-D	4 and 3 mg/L
Specific Conductivity	SM 2510 B	1 and 10 μmhos/cm
pH	SM 4500-H+ B	None
Oil and Grease	EPA 1664 & E413.1	1 and 5 mg/L
OTHER		
Chemical Oxygen Demand	SM 5220-D	5 and 10 mg/L
Cyanide	SM 4500-CN-E & E335.3	0.01 and 0.002 mg/L
Tritium	None	0.776, 0.799, and 0.208 pCi/mL[1]
Aluminum	EPA 200.7	0.05 mg/L
Arsenic	EPA 200.8	0.005 and 0.0005 mg/L
Cadmium	EPA 200.7, EPA 200.8	0.002 and 0.00025 mg/L
Iron	EPA 200.7	0.05 and 0.02 mg/L
Lead	EPA 200.7, EPA 200.8	0.005 and 0.0005 mg/L
Magnesium	EPA 200.7	0.1 and 0.02 mg/L
Mercury	EPA 200.8	0.0002 and 0.000012 mg/L
Selenium	EPA 200.8	0.002 and 0.0005 mg/L
Silver	EPA 200.8	0.005 and 0.00019 mg/L
Zinc	EPA 200.8	0.02 and 0.005 mg/L
Ammonia-N	SM 4500-NH3-F & 4500-NH3-G	0.5 and 0.2 mg/L
Nitrate as Nitrogen	SM4500-NO3-F & EPA 300.1	1 and 0.1 mg/L
Nitrite as Nitrogen	EPA 300.0	0.05 mg/L

[1]MDA= Minimum detectable activity.

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

☒ **YES** ☐ **NO** Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers**. Indicate "N/A" for quarters without any authorized non-storm water discharges.

July-September	☐ **YES**	☒ **NO**	☐ **N/A**	October-December	☐ **YES**	☒ **NO**	☐ **N/A**
January-March	☐ **YES**	☒ **NO**	☐ **N/A**	April-June	☐ **YES**	☒ **NO**	☐ **N/A**

Authorized non-stormwater discharges on site include air conditioning condensate, air handler condensate (not including blow down), fire auxiliary including building sprinkler testing and hydrant testing, safety eye wash and shower testing, landscape/lawn irrigation, DI water, and potable water. All of the listed authorized non-stormwater discharges were not observed each quarter. Authorized non-stormwater discharges on site are intermittent. The Stormwater Team attempts to schedule inspections so that all the authorized non-stormwater discharges can be observed at least once each quarter. However, due to the number of locations, number of authorized non-stormwater discharges, intermittent discharges and location restrictions, not all authorized non-stormwater discharges can be observed each quarter.

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information:

i. name of each authorized non-storm water discharge
ii. date and time of observation
iii. source and location of each authorized non-storm water discharge
iv. characteristics of the discharge at its source and impacted drainage area/discharge location
v. name, title, and signature of observer
vi. **any** new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

See Table 4. Quarterly Visual Observations of Authorized Non-stormwater Discharges. Findings are reported by drainage area corresponding to the site's SWPPP. Table 1 describes the activities conducted in each drainage area. Signatures of inspectors are included in Appendix B.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non- storm water discharges and their sources. **Attach an explanation for any "NO" answers**.

July-September	☒ **YES**	☐ **NO**	October-December	☒ **YES**	☐ **NO**
January-March	☒ **YES**	☐ **NO**	April-June	☒ **YES**	☐ **NO**

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

☒ **YES** ☐ **NO** Go to Item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

☒ **YES** ☐ **NO** **Attach explanation**

See Table 5. Findings From Quarterly Visual Observation for Unauthorized Non-stormwater Discharges. Findings are reported by drainage area corresponding to the site's SWPPP. Table 1 describes the activities conducted in each drainage area. Signatures of inspectors are included in Appendix B.

There was no evidence of unauthorized non-stormwater discharges based on quarterly observations. However, there was one instance of an accidental potable water release when on the evening of Friday, July 21, 2006 at approximately 6:20 pm a six-inch fire sprinkler connection broke. The release of water was controlled approximately 20 minutes later. Rough calculations indicate approximately 10,000 – 20,000 gallons was released. The water entered the storm drain system, which ultimately drains to the Arroyo Seco. The Arroyo is typically dry during the summer months. The Water Board was informed of the release in writing by the Environmental Monitoring Program Lead.

On May 15, 2007 Environmental Monitoring Program staff observed water in a stormdrain channel. Maintenance was performing annual potable water main testing. It did not appear that the potable water reached the Arroyo. The Environmental Monitoring Program Lead discussed BMPs with Maintenance to limit the amount, if any, potable water that may reach the Arroyo. In the future Maintenance staff will inform the Environmental Monitoring Program Lead when main testing is scheduled.

Table 5 also includes corrective actions for each unauthorized non-storm water discharge, as needed.

d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information:

   i. name of each unauthorized non-storm water discharge
   ii. date and time of observation
   iii. source and location of each unauthorized non-storm water discharge
   iv. characteristics of the discharge at its source and impacted drainage area/discharge location
   v. name, title, and signature of observer
   vi. **any** corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

Table 4. Quarterly Visual Observations for Authorized Non-stormwater Discharges

Drainage Area	Quarter (1)	Observation Date/Time	Observation of NSWD	Source and Description of Authorized NSWD	Describe Any Revised or New BMPs (if needed)
1[A]	July-Sep	8/2/06 13:50	None	None	None
	Oct-Dec	10/10/06 13:50	None	None	None
	Jan-Mar	1/31/07 09:17	None	None	None
	Apr-Jun	4/25/07 09:28	None	None	None
2[A, B]	July-Sep	8/2/06 13:54	Yes	Small amount of standing water in stormdrain from air conditioning and air handler condensate	None
	Oct-Dec	10/10/06 13:51	Yes	Small amount of standing water in stormdrain from air conditioning and air handler condensate	None
	Jan-Mar	1/31/07 09:19	Yes	Small amount of standing water in stormdrain from air conditioning and air handler condensate	None
	Apr-Jun	4/25/07 09:35	Yes	Small amount of standing water in stormdrain from air conditioning and air handler condensate	None
3[B]	July-Sep	8/2/06 13:55	None	None	None
	Oct-Dec	10/10/06 13:54	Yes	Small amount of standing water in stormdrain from air conditioning and air handler condensate	None
	Jan-Mar	1/31/07 09:21	Yes	Small amount of standing water in stormdrain from air conditioning and air handler condensate	None
	Apr-Jun	4/25/07 09:37	Yes	Small amount of standing water in stormdrain from air conditioning and air handler condensate	None
4[A]	July-Sep	8/2/06 14:54	None	None	None
	Oct-Dec	10/10/06 14:44	None	None	None
	Jan-Mar	1/31/07 10:39	None	None	None
	Apr-Jun	4/25/07 10:36	None	None	None
5[A]	July-Sep	8/2/06 15:10	None	None	None
	Oct-Dec	10/10/06 14:46	None	None	None
	Jan-Mar	1/31/07 10:22	None	None	None
	Apr-Jun	4/25/07 10:39	None	None	None
6[A]	July-Sep	8/2/06 15:07	None	None	None

Drainage Area	Quarter (1)	Observation Date/Time	Observation of NSWD	Source and Description of Authorized NSWD	Describe Any Revised or New BMPs (if needed)
	Oct-Dec	10/10/06 14:51	None	None	None
	Jan-Mar	1/31/07 10:36	None	None	None
	Apr-Jun	4/25/07 15:00	None	None	None
7(A)	July-Sep	8/2/06 15:11	None	None	None
	Oct-Dec	10/10/06 14:46	None	None	None
	Jan-Mar	1/31/07 10:23	None	None	None
	Apr-Jun	4/25/07 10:40	None	None	None
8(A)	July-Sep	8/2/06 13:59	None	None	None
	Oct-Dec	10/10/06 13:58	None	None	None
	Jan-Mar	1/31/07 09:27	None	None	None
	Apr-Jun	4/25/07 09:45	None	None	None
9(A)	July-Sep	8/2/06 14:00	None	None	None
	Oct-Dec	10/10/06 14:00	None	None	None
	Jan-Mar	1/31/07 09:26	None	None	None
	Apr-Jun	4/25/07 09:44	None	None	None
10(A)	July-Sep	8/2/06 14:42	None	None	None
	Oct-Dec	10/10/06 14:13	None	None	None
	Jan-Mar	1/31/07 09:43	None	None	None
	Apr-Jun	4/25/07 10:05	None	None	None
10A(A)	July-Sep	Drainage area not identified until 4th Quarter			
	Oct-Dec	10/10/06 14:13	None	None	None
	Jan-Mar	1/31/07 09:44	None	None	None
	Apr-Jun	4/25/07 10:05	None	None	None
11	July-Sep	8/2/06 14:12	None	None	None
	Oct-Dec	10/10/06 14:09	None	None	None
	Jan-Mar	1/31/07 09:40	None	None	None
	Apr-Jun	4/25/07 10:00	None	None	None
12	July-Sep	8/2/06 14:13	None	None	None
	Oct-Dec	10/10/06 12:11	None	None	None
	Jan-Mar	1/31/07 09:40	None	None	None
	Apr-Jun	4/25/07 10:04	None	None	None

Drainage Area	Quarter (1)	Observation Date/Time	Observation of NSWD	Source and Description of Authorized NSWD	Describe Any Revised or New BMPs (if needed)
12A	July-Sep	8/2/06 14:41	None	None	None
	Oct-Dec	10/10/06 14:34	None	None	None
	Jan-Mar	1/31/07 09:45	None	None	None
	Apr-Jun	4/25/07 10:06	None	None	None
13[C]	July-Sep	8/2/06 14:08	None	None	None
	Oct-Dec	10/10/06 14:06	Yes	Small amount of standing water from valve on potable water pipe opened for short amount of time during maintenance activities; did not reach storm drain	None
	Jan-Mar	1/31/07 09:37	None	None	None
	Apr-Jun	4/25/07 09:56	None	None	None
13A	July-Sep	8/2/06 14:50	None	None	None
	Oct-Dec	10/10/06 14:39	None	None	None
	Jan-Mar	1/31/07 10:15	None	None	None
	Apr-Jun	4/25/07 10:33	None	None	None
13B	July-Sep	8/2/06 14:40	None	None	None
	Oct-Dec	10/10/06 14:18	None	None	None
	Jan-Mar	1/31/07 09:50	None	None	None
	Apr-Jun	4/25/07 10:29	None	None	None
14A[A]	July-Sep	8/2/06 14:38	None	None	None
	Oct-Dec	10/10/06 14:16	None	None	None
	Jan-Mar	1/31/07 09:51	None	None	None
	Apr-Jun	4/25/07 10:13	None	None	None
14B (up-stream)	July-Sep	8/2/06 14:34	None	None	None
	Oct-Dec	10/10/06 14:27	None	None	None
	Jan-Mar	1/31/07 09:58	None	None	None
	Apr-Jun	4/25/07 10:18	None	None	None
15	July-Sep	8/2/06 14:14	None	None	None
	Oct-Dec	10/10/06 14:38	None	None	None
	Jan-Mar	1/31/07 10:16	None	None	None
	Apr-Jun	4/25/07 10:31	None	None	None
15A	July-Sep	8/2/06 14:14	None	None	None

Drainage Area	Quarter (1)	Observation Date/Time	Observation of NSWD	Source and Description of Authorized NSWD	Describe Any Revised or New BMPs (if needed)
	Oct-Dec	10/10/06 14:35	None	None	None
	Jan-Mar	1/31/07 10:16	None	None	None
	Apr-Jun	4/25/07 10:32	None	None	None
16(A)	July-Sep	8/2/06 14:24	None	None	None
	Oct-Dec	10/10/06 14:31	None	None	None
	Jan-Mar	1/31/07 10:10	None	None	None
	Apr-Jun	4/25/07 10:28	None	None	None
17(A)	July-Sep	8/2/06 14:55	None	None	None
	Oct-Dec	10/10/06 14:56	None	None	None
	Jan-Mar	1/31/07 10:21	None	None	None
	Apr-Jun	4/25/07 10:37	None	None	None
18A(A)	July-Sep	8/2/06 14:18	None	None	None
	Oct-Dec	10/10/06 14:30	None	None	None
	Jan-Mar	1/31/07 10:06	Water flowing from B942	Water dumped from hopper	None
	Apr-Jun	4/25/07 10:24	None	None	None
18B (upstream)	July-Sep	8/2/06 14:27	None	None	None
	Oct-Dec	10/10/06 14:20	None	None	None
	Jan-Mar	1/31/07 10:03	None	None	None
	Apr-Jun	4/25/07 13:55	None	None	None
19(A)	July-Sep	8/2/06 14:03	None	None	None
	Oct-Dec	10/10/06 14:01	None	None	None
	Jan-Mar	1/31/07 09:32	None	None	None
	Apr-Jun	4/25/07 09:49	None	None	None
22	July-Sep	8/2/06 14:49	None	None	None
	Oct-Dec	10/10/06 14:40	None	None	None
	Jan-Mar	1/31/07 10:13	None	None	None
	Apr-Jun	4/25/07 10:32	None	None	None

(1) *Observations for 8/2/06, 10/10/06, 1/31/07 and 4/25/07 were conducted by John Chavarria (Principal Technologist) and Kristin Kerr (contractor).*
(A) Intermittent flow of Authorized Non-Stormwater Discharges from Landscaping/Lawn Irrigation
(B) Intermittent flow of Authorized Non-Stormwater Discharges from Air Handler Condensate
(D) Intermittent flow of Authorized Non-Stormwater Discharges from Supply Water Tank or Line Maintenance

***T*able 5. Quarterly Visual Observations for Un-Authorized Non-Stormwater Discharges**

Drainage Area	Quarter (1)	Observation Date/Time	Observation of NSWD	Source and Description of Un-authorized NSWD	Describe Any Revised or New BMPs (if needed)
1(A,)	July-Sep	8/2/06 13:50	None	None	None
	Oct-Dec	10/10/06 13:50	None	None	None
	Jan-Mar	1/31/07 09:17	None	None	None
	Apr-Jun	4/25/07 09:28	None	None	None
2(B)	July-Sep	8/2/06 13:54	None	None	None
	Oct-Dec	10/10/06 13:51	None	None	None
	Jan-Mar	1/31/07 09:19	None	None	None
	Apr-Jun	4/25/07 09:35	None	None	None
3(B)	July-Sep	8/2/06 13:55	None	None	None
	Oct-Dec	10/10/06 13:54	None	None	None
	Jan-Mar	1/31/07 09:21	None	None	None
	Apr-Jun	4/25/07 09:37	None	None	None
4	July-Sep	8/2/06 14:54	None	None	None
	Oct-Dec	10/10/06 14:44	None	None	None
	Jan-Mar	1/31/07 10:39	None	None	None
	Apr-Jun	4/25/07 10:36	None	None	None
5	July-Sep	8/2/06 15:10	None	None	None
	Oct-Dec	10/10/06 14:46	None	None	None
	Jan-Mar	1/31/07 10:22	None	None	None
	Apr-Jun	4/25/07 10:39	None	None	None
6	July-Sep	8/2/06 15:07	None	None	None
	Oct-Dec	10/10/06 14:51	None	None	None
	Jan-Mar	1/31/07 10:36	None	None	None
	Apr-Jun	4/25/07 15:00	None	None	None
7(A)	July-Sep	8/2/06 15:11	None	None	None
	Oct-Dec	10/10/06 14:46	None	None	None
	Jan-Mar	1/31/07 10:23	None	None	None
	Apr-Jun	4/25/07 10:40	None	None	None
8(A)	July-Sep	8/2/06 13:59	None	None	None
	Oct-Dec	10/10/06 13:58	None	None	None
	Jan-Mar	1/31/07 09:27	None	None	None
	Apr-Jun	4/25/07 09:45	None	None	None
9(A)	July-Sep	8/2/06 14:00	None	None	None
	Oct-Dec	10/10/06 14:00	None	None	None
	Jan-Mar	1/31/07 09:26	None	None	None
	Apr-Jun	4/25/07 09:44	None	None	None
10(A)	July-Sep	8/2/06 14:42	None	None	None
	Oct-Dec	10/10/06 14:13	None	None	None
	Jan-Mar	1/31/07 09:43	None	None	None
	Apr-Jun	4/25/07 10:05	None	None	None
10A(A)	July-Sep	Drainage area not identified until 4th Quarter			
	Oct-Dec	10/10/06 14:13	None	None	None
	Jan-Mar	1/31/07 09:44	None	None	None

Drainage Area	Quarter (1)	Observation Date/Time	Observation of NSWD	Source and Description of Un-authorized NSWD	Describe Any Revised or New BMPs (if needed)
	Apr-Jun	4/25/07 10:05	None	None	None
11	July-Sep	8/2/06 14:12	None	None	None
	Oct-Dec	10/10/06 14:09	None	None	None
	Jan-Mar	1/31/07 09:40	None	None	None
	Apr-Jun	4/25/07 10:00	None	None	None
12	July-Sep	8/2/06 14:13	None	None	None
	Oct-Dec	10/10/06 12:11	None	None	None
	Jan-Mar	1/31/07 09:40	None	None	None
	Apr-Jun	4/25/07 10:04	None	None	None
12A	July-Sep	8/2/06 14:41	None	None	None
	Oct-Dec	10/10/06 14:34	None	None	None
	Jan-Mar	1/31/07 09:45	None	None	None
	Apr-Jun	4/25/07 10:06	None	None	None
13[C]	July-Sep	8/2/06 14:08	None	None	None
	Oct-Dec	10/10/06 14:06	None	None	None
	Jan-Mar	1/31/07 09:37	None	None	None
	Apr-Jun	4/25/07 09:56	None	None	None
13A	July-Sep	8/2/06 14:50	None	None	None
	Oct-Dec	10/10/06 14:39	None	None	None
	Jan-Mar	1/31/07 10:15	None	None	None
	Apr-Jun	4/25/07 10:33	None	None	None
13B	July-Sep	8/2/06 14:40	None	None	None
	Oct-Dec	10/10/06 14:18	None	None	None
	Jan-Mar	1/31/07 09:50	None	None	None
	Apr-Jun	4/25/07 10:29	None	None	None
14A[A]	July-Sep	8/2/06 14:38	None	None	None
	Oct-Dec	10/10/06 14:16	None	None	None
	Jan-Mar	1/31/07 09:51	None	None	None
	Apr-Jun	4/25/07 10:13	None	None	None
14B (up-stream)	July-Sep	8/2/06 14:34	None	None	None
	Oct-Dec	10/10/06 14:27	None	None	None
	July-Sep	1/31/07 09:58	None	None	None
	Oct-Dec	4/25/07 10:18	None	None	None
15	July-Sep	8/2/06 14:14	None	None	None
	Oct-Dec	10/10/06 14:38	None	None	None
	Jan-Mar	1/31/07 10:16	None	None	None
	Apr-Jun	4/25/07 10:31	None	None	None
15A	July-Sep	8/2/06 14:14	None	None	None
	Oct-Dec	10/10/06 14:35	None	None	None
	Jan-Mar	1/31/07 10:16	None	None	None
	Apr-Jun	4/25/07 10:32	None	None	None
16[A]	July-Sep	8/2/06 14:24	None	None	None
	Oct-Dec	10/10/06 14:31	None	None	None

Drainage Area	Quarter (1)	Observation Date/Time	Observation of NSWD	Source and Description of Un-authorized NSWD	Describe Any Revised or New BMPs (if needed)
	Jan-Mar	1/31/07 10:10	None	None	None
	Apr-Jun	4/25/07 10:28	None	None	None
17(A)	July-Sep	8/2/06 14:55	None	None	None
	Oct-Dec	10/10/06 14:56	None	None	None
	Jan-Mar	1/31/07 10:21	None	None	None
	Apr-Jun	4/25/07 10:37	None	None	None
18A(A)	July-Sep	8/2/06 14:18	None	None	None
	Oct-Dec	10/10/06 14:30	None	None	None
	Jan-Mar	1/31/07 10:06	None	None	None
	Apr-Jun	4/25/07 10:24	None	None	None
18B (upstream)	July-Sep	8/2/06 14:27	None	None	None
	Oct-Dec	10/10/06 14:20	None	None	None
	Jan-Mar	1/31/07 10:03	None	None	None
	Apr-Jun	4/25/07 13:55	None	None	None
19(A)	July-Sep	8/2/06 14:03	None	None	None
	Oct-Dec	10/10/06 14:01	None	None	None
	Jan-Mar	1/31/07 09:32	None	None	None
	Apr-Jun	4/25/07 09:49	None	None	None
22	July-Sep	8/2/06 14:49	None	None	None
	Oct-Dec	10/10/06 14:40	None	None	None
	Jan-Mar	1/31/07 10:13	None	None	None
	Apr-Jun	4/25/07 10:32	None	None	None

(1) Observations for 8/2/06, 10/10/06, 1/31/07 and 4/25/07 were conducted by John Chavarria (Principal Technologist) and Kristin Kerr (contractor).
(A) Intermittent flow of Authorized Non-Stormwater Discharges from Landscaping/Lawn Irrigation
(B) Intermittent flow of Authorized Non-Stormwater Discharges from Air Handler Condensate
(C) Intermittent flow of Authorized Non-Stormwater Discharges from Supply Water Tank or Line Maintenance

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers**. Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	☐	☒	February	☐	☒
November	☒	☐	March	☐	☒
December	☐	☒	April	☐	☒
January	☐	☒	May	☐	☒

The first storm event to produce discharge during work hours occurred in November. Discharge stopped before all observations could be completed in December, January and February. No inspections occurred during March, April, and May because the storm events that typically occurred during normal working hours were very light, and there was little or no stormwater discharge. For these reasons, monthly visual observations were not performed at every outfall for each month.

2. Report monthly wet season visual observations using **Form 4** or provide the following information:

   a. date, time, and location of observation
   b. name and title of observer
   c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed
   d. **any** new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

Table 6. Monthly Wet Weather Visual Observations

Discharge Location	Date; Time of Observations	Discharge Observations	Description of Discharge	Source of Discharge
OCTOBER Observations No rain.				
NOVEMBER Observations Beginning of discharge – approximately 6:00 am November 12, 2006. Observations were conducted by John Chavarria (Principal Technologist) and Robert Holland (Environmental Monitoring Program Lead).				
1	11/12/06 14:31	nothing unusual		
2	11/12/06 14:30	nothing unusual		
3 (A)	11/12/06 14:30	nothing unusual		
6	11/12/06 14:29	nothing unusual		
7	11/12/06 14:29	nothing unusual		
8	11/12/06 14:28	nothing unusual		
9	11/12/06 14:27	nothing unusual		
10 (X)	11/12/06 14:33	nothing unusual		
10A	11/12/06 14:33	nothing unusual		
11 (C)	11/12/06 14:33	nothing unusual		
12	11/12/06 14:38	nothing unusual		
13	11/12/06 14:38	nothing unusual		
13A	11/12/06 14:43	nothing unusual		
13B (K)	11/12/06 14:43	nothing unusual		
14	11/12/06 14:43	nothing unusual		
15	11/12/06 14:45	nothing unusual		
15A	11/12/06 14:46	nothing unusual		
16	11/12/06 14:47	nothing unusual		
17 (G)	11/12/06 14:26	nothing unusual		
18	11/12/06 14:23	nothing unusual		
19	11/12/06 14:21	cloudy	cloudy	Sediment from parking lot
30 (Z)	11/12/06 14:25	nothing unusual		
DECEMBER Observations No discharge or insufficient staff during discharge events.				
JANUARY Observations Beginning of discharge – approximately 06:30 January 4, 2007. Observations were conducted by Mark Brynildson (Hazardous Materials Management/Hazardous Waste Management Program Lead), and John Chavarria (Principal Technologist), by Robert Holland (Environmental Monitoring Program Lead) and Kristin Kerr (Senior Contractor).				
1	1/4/07 11:35	nothing unusual		
2	1/4/07 10:34	Floating material	trash	CRF yard
3 (A)	1/4/07 10:32	nothing unusual		
6	1/4/07 10:31	nothing unusual		
7	1/4/07 10:30	nothing unusual		
9	1/4/07 10:28	nothing unusual		
10 (X)	1/4/07 10:37	nothing unusual		
10A	1/4/07 10:37	nothing unusual		
11 (C)	1/4/07 10:25	nothing unusual		
12	1/4/07 11:34	No Flow		
13	1/4/07 11:34	No Flow		
13A	1/4/07 10:05	nothing unusual		
13B (K)	1/4/07 10:05	nothing unusual		
14	1/4/07 11:32	No Flow		
15	1/4/07 10:44	No Flow		
15A	1/4/07 10:42	nothing unusual		
16	1/4/07 11:32	No Flow		
17 (G)	1/4/07 10:25	nothing unusual		
18	1/4/07 10:23	nothing unusual		
19	1/4/07 10:05	nothing unusual		
30 (Z)	1/4/07 10:01	nothing unusual		
FERUARY Observations Beginning of discharge – approximately 14:00 February 8, 2007.				

Discharge Location	Date; Time of Observations	Discharge Observations	Description of Discharge	Source of Discharge
Observations were conducted by John Chavarria (Principal Technologist) and Kristin Kerr (Senior Contractor).				
1	2/9/07 10:16	nothing unusual		
2	2/9/07 10:15	Floating material	Packing material (peanuts)	CRF yard
3 (A)	2/9/07 10:15	nothing unusual		
6	2/9/07 10:14	nothing unusual		
7	2/9/07 10:14	nothing unusual		
9	2/9/07 10:06	nothing unusual		
10 (X)	2/9/07 10:21	nothing unusual		
10	2/9/07 10:21	nothing unusual		
11 (C)	2/9/07 10:20	nothing unusual		
12	2/9/07 10:26	nothing unusual		
13	2/9/07 10:26	nothing unusual		
13A	2/9/07 10:28	nothing unusual		
13B (K)	2/9/07 10:27	nothing unusual		
14	2/9/07 10:29	nothing unusual		
15	2/9/07 10:29	nothing unusual		
15A	2/9/07 10:32	nothing unusual		
16	2/9/07 10:35	No Flow		
17 (G)	2/9/07 10:12	nothing unusual		
18	2/9/07 10:08	nothing unusual		
19	2/9/07 10:10	nothing unusual		
30 (Z)	2/9/07 10:10	nothing unusual		
MAARCH Observations Insufficient flow during operating hours and no available staff.				
APRIL Observations Insufficient flow during operating hours.				
MAY Observations Insufficient flow during operating hours.				

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas? ☐ YES ☒ NO
   The following areas should be inspected:

   - areas where spills and leaks have occurred during the last year
   - outdoor wash and rinse areas
   - process/manufacturing areas
   - loading, unloading, and transfer areas
   - waste storage/disposal areas
   - dust/particulate generating areas
   - erosion areas
   - building repair, remodeling, and construction
   - material storage areas
   - vehicle/equipment storage areas
   - truck parking and access areas
   - rooftop equipment areas
   - vehicle fueling/maintenance areas
   - non-storm water discharge generating areas

   The Stormwater Team, which is responsible for conducting the ACSCE does not have general access to rooftop equipment areas for safety reasons. However, Environmental Management Department staff inspect rainwater leaders and down spouts from the roof for evidence of non-stormwater discharge (e.g. discharge during dry weather, stains, etc.).

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? ☒ YES ☐ NO

3. Have you inspected the entire facility to verify that the SWPPP's site map is up-to-date? The following site map items should be verified: ☒ YES ☐ NO

   - facility boundaries
   - outline of all storm water drainage areas
   - areas impacted by run-on
   - storm water discharges locations
   - storm water collection and conveyance system
   - structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? ☒ YES ☐ NO

   The following records should be reviewed:

   - quarterly authorized non-storm water discharge visual observations
   - monthly storm water discharge visual observation
   - records of spills/leaks and associated clean-up/response activities
   - quarterly unauthorized non-storm water discharge visual observations
   - Sampling and Analysis records
   - preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? ☒ YES ☐ NO

   The following SWPPP items should be reviewed:

   - pollution prevention team
   - list of significant materials
   - description of potential pollutant sources
   - assessment of potential pollutant sources
   - identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? ☒ YES ☐ NO

   The following BMP categories should be reviewed:

   - good housekeeping practices
   - spill response
   - employee training
   - erosion control
   - quality assurance
   - preventative maintenance
   - material handling and storage practices
   - waste handling/storage
   - structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? ☒ YES ☐ NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

See Table 7. Annual Comprehensive Site Compliance Evaluation. Findings are reported by drainage area corresponding to the site's SWPPP. Table 1 describes the activities conducted in each drainage area.

Table 7. Annual Comprehensive Site Evaluation Findings

Discharge Location Drainage Area and Activities (1)	**Any BMPs not fully implemented?**	**Are additional/ revised BMPs needed?**	**Deficiencies and Corrective Actions** (2)
Location 1: west side of Thunderbird Lane; south side of B906	No	No	None
Location 2: east side of the Combustion Research Facility (CRF) area	No	No	None
Location 3: west side of CRF area	Yes	No	Several vacuum pumps sitting outside storage shed #2652 with no secondary containment. Owner contacted to put items on secondary containment or move inside the storage shed.
Location 4: east side, north end A Street (B920, 921, 922)	No	No	None
Location 5: east side of B912, park area, and east side of B915	No	No	None
Location 6: B912 courtyard	No	No	None
Location 7: east side of B911, west side of B912, west side park area above underground computer facility	No	No	None
Location 8: west side B911 and north side B910	No	No	None
Location 9: north west parking area	No	No	None
Location 10: east side of B968, parking lot south of B968	Yes	No	General housekeeping could be improved. Old office furniture and laboratory equipment stored outside.
Location 10A: unused driveway on east side of equipment room	No	No	None
Location 11: south east side B927, north, east and west sides 928, and south end east parking area	No	No	None
Location 12: south west side of B927	No	No	None
Location 12A: west side B967	No	No	None
Location 13: Water Tanks	No	No	None
Location 13A: south of B916, MO50, MO51, B919	No	No	None
Location 13B: 7th Street Extension, B961, and maintenance yard	Yes	No	Unlabeled 55 gallon drum, not on secondary containment, east of Bldg. 9623. Drum likely filled with sand. Owner contacted to label drum.
Location 14A: west of B9631, south side B9633, former FOS site (closed), B964	No	No	None
upstream Location 14B: north and west of B965 and 966, B970 through 983, storage bunkers, security firing range	No	No	Minor housekeeping improvements could be made around Building 978, including old TV and computer monitors stored outside. Owner contacted to have removed. New stockpiles of boulders, rocks and bark/mulch in material stockpile area. Cover for bark/mulch pile recommended to maintenance even though we are in the dry season.
Location 15A: south west corner B915 (DISL), east and south of B923, areas west of	No	No	None

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Discharge Location Drainage Area and Activities (1)	**Any BMPs not fully implemented?**	**Are additional/ revised BMPs needed?**	**Deficiencies and Corrective Actions** (2)
B916, east end mobile 28&29 (Redwood Park)			
Location 16: landscaped and office area north east end of MANTL (B940)	No	No	None
Location 17: north west corner of B915, area east, west and south of B910, area north and east of Credit Union, area north of B914	No	No	None
Location 18A: MANTL	No	No	Unmarked, full drums (4 x 30 gal.) without secondary containment outside of door #16. Likely containing solids. Owner contacted to mark drums if filled with solids and provide secondary containment if liquid. Silica bags on a pallet next to the drums are ripped and material is loose. These may belong to Pat Heifer. Pallet of 12 new 5 gallon containers without secondary containment outside (CIS barcode available), and poor general housekeeping outside of Room 1234. Owner John Hachman contacted.
Location 18B: Areas surrounding B955 and 956	No	No	Unlabeled black 20 gallon carboy on the southside of Building 955. Owner was contacted.
Location 19: far northwest parking area	No	No	None
Location 22: B919 south side	No	No	None

(1) Location corresponds with drainage designations in the site SWPPP.
(2) General housekeeping includes

- keeping the area free of litter;
- materials and equipment stored neatly and are well organized;
- storm drain structures are kept free of debris and litter;
- pollutant exposure is minimized; and
- discharge location is known for all drains.
- Storing hazardous materials on secondary containment.

Names of inspectors who conducted 5/10/07 site-wide survey:
John Chavarria (Principal Technologist)
Robert Holland (Environmental Monitoring Program Lead)
Kristin Kerr (Contractor)

Names of inspectors who conducted 5/14/07 site-wide survey:
John Chavarria (Principal Technologist)
Kristin Kerr (Contractor)
Robert Holland (Environmental Monitoring Program Lead)

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit? ☒ YES ☐ NO

If you answered "NO" **attach an explanation** to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? ☒ YES (Mandatory)
2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? ☒ YES ☐ NO ☐ NA
3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? ☐ YES ☐ NO ☒ NA
4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? ☒ YES ☐ NO ☐ NA

*Also attached is Table 8. Status and Reporting of Fourth Year Tasks from SWPPP Section 5 BMPs, Measurable Goals and Implementation Schedule Phase II Minimum Control Measures Table. This is the fourth year that SNL/CA incorporated Phase II Small MS4 General Permit Minimum Control Measures into its Industrial Activities SWPPP. SNL/CA has **not** been notified by the Regional Water Board that it is a designated non-traditional Small MS4 but is being proactive in incorporating the six Minimum Control Measures into its established Stormwater Program. The revised SNL/CA SWPPP has a five year implementation schedule for incorporating the six Minimum Control Measures into its Program. The attached table identifies the fourth year BMPs and the associated measurable goals that serve as objective markers or milestones. The status of the measurable goal is provided in the table to track the progress and effectiveness of the BMPs. This table is not required for this submittal but is presented to demonstrate SNL/CA's commitment to operating an effective Stormwater Program.*

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Gary Shamber / Patty Wagner

Signature: _____ Date: _____

Title: Environmental Management Department Manager (SNL/CA) / Manager – Sandia Site Office

Table 8. Status and Reporting of Fourth Year Tasks from SWPPP Section 5 BMPs, Measurable Goals and Implementation Schedule Tables for Phase II Minimum Control Measures

Program Task/BMPs	*Measurable Goals*	*Documentation*
Minimum Measure 1 Employee Education and Outreach on Storm Water Impacts		
Outreach to Site Managers		
New BMP. Develop summary for Environmental Scorecard to inform site managers of importance of reducing stormwater pollution, the regulatory requirements and SWPPP.	Complete stormwater pollution prevention summary for the Environmental Scorecard	Storm water summaries published under Environmental Monitoring and Restoration section of Environmental Scorecard for Jul-Sep '06 and Oct-Dec '06 quarters.
Outreach to Employee Community		
2. Submit message to daily electronic newsletter (*TNT Announcements*).	2. A message appears in the daily electronic newsletter twice per year. 2.b. At least 25% of employee population reached by announcement reported.	The following TNT Announcement were published: • "Stormwater Pollution Prevention" submitted by Robert Holland and published on 10/18/06 and 10/25/06 • "Environmental Tidbit" about street sweeping was submitted by Robert Holland and published on 1/15/07 • "Significant Site Environmental Aspect – Water Discharges" explaining the difference between the storm drain and sewer system was submitted by Gary Shamber and published on 11/28/06 and 12/5/06
3. Develop one new stormwater outreach message for the daily electronic newsletter every other year.	3. One new message appears in the daily electronic newsletter once a year.	The TNT announcement submitted by Robert Holland and published on 1/15/07 entitled "Environmental Tidbit" is a new stormwater outreach message
4. Maintain Wastewater/Stormwater Program web page with current BMPs.	4. Web site accessible to site personnel.	Website is documented in SWPPP Appendix H-Storm water/Wastewater Website; the website was redesigned in 05/06

Program Task/BMPs	***Measurable Goals***	***Documentation***
5. Add module to new hire training.	5. Module incorporated into new hire training.	The training now includes an Environmental Monitoring System (EMS) jeopardy type game. In the Environmental Monitoring category there are questions about SW P2.
		Robert Holland (Program Lead) conducted new hire training on 12/19/06
6. Develop one new BMP for reaching employee community.	6. Sandwich board with stormwater pollution prevention message and brochures at site entrance gates.	A Sandwich board was rotated in front of the Post 15, Post 17, Post 2, Post 10, and Post 1 site entrances during the month of April. 23 brochures were taken.
Identify Opportunities to Work with Other Programs		
2. Investigate areas for cooperation and implementation schedule. (e.g. participate in site Earth Day event, provide P2 coordinator with stormwater pollution prevention information, etc.)	2. One activity coordinated with another program to include stormwater pollution prevention information reported.	TNT announcement submitted by Laurie Farren regarding "National Pollution Prevention Week" and "Bay Friendly Gardening Workshop Series" hosted by Alameda County Stop-Waste appeared 3/14/07.
Storm Drain Stenciling		
2. Schedule storm drain inlets for stenciling with maintenance.	2.a. Completed stenciling 20% of storm drain inlets per year. 2.b. All storm drain inlets on site stenciled within five years.	99% of all storm drains have been stenciled; labels will be inspected every year for fading and repainted as needed
Minimum Measure 2 Employee Involvement/Participation		
Employee Involvement		
2. Continue to operate ES&H Hotline.	1. Document number of stormwater issues received from ES&H Hotline.	No calls related to storm water issues
3. Participate in Countywide or Statewide Stormwater Task Force	3. Attend two meetings per year.	Robert Holland (Program Lead) attended CWEA Pretreatment, Pollution Prevention and Storm Water Conference, Napa, CA 2/26/07 to 2/28/07

Program Task/BMPs	*Measurable Goals*	*Documentation*
Minimum Measure 3 Illicit Discharge Detection and Elimination		
Detect and Eliminate Illicit Discharges		
2. Monitor high risk areas for illicit connections by reviewing site plumbing changes in new buildings and renovations.	2. Participated in 80% of Inter Disciplinary Team (IDT) meetings, where new projects, facility and building plans are presented, during the reporting period.	Stormwater Monitoring Program staff attended 114 out of 115 IDT meetings (99%). (Project information from meetings not attended is submitted to the Program Lead for review).
3. Conduct four dry weather inspections of the site annually to identify and investigate any dry weather flows.	3.a. Four inspections completed. 3.b. Inspection results reported in Annual Report.	See Annual Report Section F.1-Authorized Non-Storm Water Observations
4. Track illicit discharge activity data and follow-up with Stormwater Inspection Report Tracking Form.	4. Document data from Stormwater Inspection Report Tracking Form in Annual Report.	See Annual Report Section F.2-Unauthorized Non-Storm Water Observations
5. Review Spill Response Records, where illicit discharges are recorded and submitted to ES&H records center annually, to determine if additional BMPs are needed for the site or specific area.	5. Document review on the Stormwater Inspection Report Tracking Form.	See Annual Report Section H-ACSCE Checklist; OP471634 Hazardous Waste Operations for Department 8516, Section 4.11-Spill Response; Operating Procedure for ES&H Records Management (OP471347) OP471724 Annual Site Inspection requires submission of a Storm water Inspection Tracking Form
Education		
1. Conduct annual Spill Prevention, Control and Countermeasure Plan (SPCC) training for maintenance staff and hazardous waste program staff.	1. Staff trained.	Staff training tracked by Compliance Training Coordinator
3. Annual training, as appropriate, for new staff and when changes to program occur.	3. Training provided.	Training conducted at Environmental Monitoring group meeting 3/8/07
Minimum Measure 4 Construction Site Storm Water Runoff Control		
Construction Activities Stormwater Pollution Prevention Plan		
1. Include requirement for erosion and sediment controls in all construction contracts for the site.	1. Erosion and sediment control requirements included in Standard Contract language.	See SWPPP Appendix E-3 BMP Contract Language
2. Include requirement for control of waste such as discarded building material, concrete truck washout, chemicals, litter and sanitary waste at construction site.	2. Waste control requirements included in Standard Contract language.	See SWPPP Appendix E-3 BMP Contract Language
3. Facility staff review site plans for consideration of potential water quality impacts.	3. On the form Specification 0110 Attachment 'A' Pre-work Checklist item #8. SWPPP Measures	See SWPPP Appendix N Pre-Work Check List

Program Task/BMPs	***Measurable Goals***	***Documentation***
	Installed is completed before work can begin.	
4. Require SNL/CA points of contact to inspect and repair as necessary, or designate properly trained contractor to inspect and repair as necessary, BMPs at the construction site.	4. "BMP Inspection Log" forms received from all construction sites (with earth disturbing activities) during wet season.	N/A
5. Train Facility staff on erosion prevention and sediment control BMP requirements.	5. SNL/CA points of contact for current construction projects receive training before new project enters the wet season.	N/A
6. Provide existing BMP brochures for runoff control, erosion control, sediment control and good housekeeping BMPs to employees involved in construction on-site.	6. Distribute brochures, as needed.	See SWPPP Appendix E-1 BMP Brochures
7. Keep Construction Activities General Permit Stormwater Pollution Prevention Plan (SWPPP) current or require contractor to obtain coverage under the General Permit.	7. SNL/CA or contractor's Construction Activity SWPPP is current.	SNL/CA and DOE/SSO filed a Notice of Termination (NOT) in June 2005 to end coverage under the General Permit because all of the permitted construction projects are completed.
8. New BMP. Track progress of reissuance of Construction Activities General Permit and new requirements.	8. Provide description of new requirements to appropriate staff.	Program Lead sent an email on 3/6/07 to appropriate staff on site regarding changes in the Draft Construction Activities General Permit Contractor attended State Board Workshop on Draft General Permit on 4/20/07
Minimum Measure 5 Post-Construction Storm Water Management in New Development and Redevelopment		
Post-Construction Program Development		
3. Identify existing Structural Stormwater Controls and develop a maintenance program.	3c. Maintenance program implemented.	None. (Note there are grass lined storm drain channels on site that are included in the preventative maintenance storm drain system operating procedures).
4. Develop strategies to include structural and non-structural BMPs into future developments.	4. Workgroup established to evaluate strategies for including structural and non-structural BMPs into future developments.	Provided language to revisions of Construction Specifications: Section 02630 Storm Sewerage, Section 02651 Storm Drainage System- Roof, Section 02721 Storm Sewerage Systems • Stormwater drainage shall be directed to a stormwater
5. Develop strategies to reduce impervious surfaces in future development projects.	5. Workgroup established to evaluate reducing impervious surfaces.	

Program Task/BMPs	***Measurable Goals***	***Documentation***
		retention/infiltration system that utilizes Best Management Practices (BMPs) as approved by the SDR. • The stormwater retention/infiltration system shall be sized to handle the anticipated flow from a 10-year storm. • The contractor shall warrant that no standing water will be present in the stormwater retention/infiltration system 48 hours after a storm event. Added less than half an acre of impervious surface to the site in 2006.
6. Identify additional BMPs for development.	6. Program evaluated annually for new BMPs.	Provided Facilities' staff with "Post Construction Best Management Practices" manual (August 2005) Incorporation of post-construction BMPs and targets in Environmental Management System process for review and approval by managers. The EMS goal of 100% of new construction will have post-construction runoff equal to or less than pre-construction runoff has been approved by SNL/CA management (2006) Worked with Engineering and Planning to incorporate a swale into the design of a new parking lot constructed in October 2006 Provided recommended design criteria for update of the site's Landscape Master Plan.
Training		

Program Task/BMPs	***Measurable Goals***	***Documentation***
1. Train staff in proper inspection and monitoring of structural controls, BMPs, and record keeping procedures.	1. One training per year conducted.	There was no presentation to facilities due to a reorganization and a change in construction activities responsibility. Next year this BMP will be re-evaluated for the new organizational structure.
2. Collaborate with County, Bay-area or State workshops.	2. Attend applicable workshops as appropriate.	Kristin Kerr (Contractor) attended and presented at the Central Valley RWQCB 2/22/07 Workshop on Hydromodification Management and regularly attends monthly Santa Clara Valley Urban Runoff Pollution Prevention Program Hydromodification Implementation Plan Workgroup meetings Robert Holland (Program Lead) attended a training workshop on Hydromodification at the CWEA Pretreatment, Pollution Prevention and Storm Water Conference 2/28/07
Minimum Measure 6 Pollution Prevention/Good Housekeeping for Municipal Operations		
Good Housekeeping Procedures for Maintenance Operation Areas		
1. Continue implementation of existing Good Housekeeping BMPs for maintenance personnel.	1. Annual Compliance Evaluation Inspection reported.	See Annual Report Section H-ACSCE Checklist
Storm Drain Facilities Inspection and Cleaning		
3. Implement Storm drain Maintenance BMPs.	3. Annual summary of inlet maintenance reported.	Summary reported as part of EMS program Environmental Metrics on Environmental Management Department website and Annual Program Description Report
Street Sweeping		
4. Implement Street Sweeping BMPs.	4. Annual summary of Street Sweeping Practices.	Summary reported as part of EMS program Environmental Metrics on Environmental Management Department website and Annual Program Description Report
Staff Training		
2. Conduct Annual refresher training programs for maintenance employees.	2. Documented annual training.	Training and presentation conducted in August 2006 for Maintenance staff

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APPENDIX A

STORMWATER ANALYTICAL REPORTS

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APPENDIX B

SIGNATURES OF SNL/CA PERSONNEL WHO PARTICIPATED IN 2006-2007 STORMWATER SAMPLING AND INSPECTION ACTIVITIES

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Signatures of SNL/CA personnel who participated in the 2006-2007 Stormwater Sampling and Inspection Activities:

Robert Holland Environmental Monitoring Program Lead	(10 Inspector for November and January Wet Weather Visual Observations (11 Collected samples during January and February storm event. (12 Inspector for 5/10/07 Annual Comprehensive Site Evaluation.
John Chavarria Principal Technologist	(13 Inspector for Jul-Sep, Oct-Dec, Jan-Mar, and Apr-Jun Quarterly Visual Observations for Authorized Non-stormwater discharge (14 Inspector for Jul-Sep, Oct-Dec, Jan-Mar, and Apr-Jun Quarterly Visual Observations for Un-authorized Non-stormwater discharge (15 Inspector for November, January, and February Wet Weather Visual Observations (16 Collected samples during January and February storm event. (17 Inspector for 5/10/07 and 5/14/07 Annual Comprehensive Site Evaluation
Mark Brynildson Hazardous Material Management/Hazardous Waste Management Program Lead	(18 Inspector for January Wet Weather Visual Observations (19 Collected samples during January and February storm event
Barbara Larsen Environmental Planning Program Lead	(20 Collected samples during February storm event
Kristin Kerr (contractor)	(21 Inspector for Jul-Sep, Oct-Dec, Jan-Mar, and Apr-Jun Quarterly Visual Observations for Authorized Non-stormwater discharge (22 Inspector for Jul-Sep, Oct-Dec, Jan-Mar, and Apr-Jun Quarterly Visual Observations for Un-authorized Non-stormwater discharge (23 Inspector for 5/10/07 and 5/14/07 Annual Comprehensive Site Evaluation (24 Collected samples during January storm event Inspector for January and February Wet Weather Visual Observations