435.36
00/00/2005
Rev. 06

NEW SITE IDENTIFICATION (NSI)

Part A – NEW SITE IDENTIFICATION INFORMATION (To be completed by the Task Lead for New Site)	
1. **Site Title:** 1½" PLA-2069C Leak West of CPP-750	**Site Code:** CPP-124 **NSI Evaluation Initiation Date:** 4/20/2005
2. **Task Lead For New Site:** Wendell Jolley	Phone: 526-5990
3. **NSI Coordinator:** Nielsen Burch	Phone: 526-5676
4. **Initiator or Initial Observer:** Richard Willson	Phone: 526-9641

5. **Description of Suspected New Site and Location:**

During a transfer of PEWE overhead condensate (also called process condensate) from CPP-604/605 to the service waste system three small leaks in the underground transfer line (1 ½" PLA-2069C) west of CPP-750 were observed. The area where the leaks were observed was in an excavated area for the new service waste upgrade. When the leaks were observed, the transfer was terminated, and the pump was tagged out. The release is documented in the Plant Operation Summary for 12/07/1987 log number 24 (Appendix A). Also contained on that summary are hand written notes that indicate that the "possible" contaminants "may be hot" (radioactive), "acidic, and" contain "metals". Part of those notes say; "Paul Owens – Production – is working on it. Gave him 2 sample jars. He will have pH run on (soil samples) a sample". Information concerning sample results, volume of liquid released, volume of soil contaminated, or soil removed are not available. See Figure 1 for a location map.

Appendix B (PEW Overhead (Process Condensate) Sample Results 11/26/1988 and 12/1/1988 document number 30509) contains analytical information for PEWE overhead condensate waste solution before being pumped out on 10/26/1988 and on 11/1/1988. The pH of the solution was 2.9 pH. Comparing the sample results to the EPA Radionuclide Preliminary Remediation Goals for Tap Water there are several radionuclides that are above the MCLs (Maximum Contaminant Levels). Sample results from samples that were collected from the holding tank prior to pump out from 10/26/1988 yielded these values: Sulfate <0.11201 mg/l, Silver 0.0010 mg/l, Phosphate 0.38741 mg/l, Organic-C 39.48 mg/l, Nitrate (as N) 28.3 mg/l, Mercury 0.028 mg/l, Fluoride 0.6317 mg/l, Cyanide <10 PPB, Chromium 0.0022 mg/l, Chloride 1.3236 mg/l, Total U 1.1E-9 uCi/ml, Total Pu 5.9E-8 uCi/ml, I-129 4.8E-7 uCi/ml, C-14 uCi/ml, H-3 1.6E-3 uCi/ml, Total Sr 1.49E-6 uCi/ml, Gross Alpha <3E-8 uCi/ml, and Gross Beta 7.4E-6 uCi/ml. A sampling event 11/1/1988 yielded these values: 4-Methyl-2-Pentanone (MIBK) (Hexone) 16 mg/l, Trichloroethene 0.35 mg/l, di-n-butyl phthalate 0.01 mg/l, diethyl phthalate 0.0027 mg/l, and bis(2-ethylhexyl)phthalate 0.0057 mg/l. Additional sample information for process condensate from 1990 through 1992 can be found in EDF-2964.

The volume of waste that was transferred through this line during the month of November was 128,000 gallons, and for December it was 85,000 gallons (Production Department Monthly Report, LFE-002-88, January 8, 1988). At this time 1 1/2 " PLA-2069C only contained process waste, the steam condensate that used to be disposed through this line was rerouted in September 1980 (document number 1558467).

This waste leak at this site is similar to CPP-058, but the site is not close to CPP-058. Currently OU 3-14 is assessing tank farm sites and includes CPP-058 because it is adjacent to the tank farm. Because CPP-124 is not physically adjacent to OU 3-14 sites, it is recommended that CPP-124 can be assessed using the OU 3-13 Group 3 process to determine if it needs to be cleaned up or not.

6. **Is the site SWMU as defined in OSWER DIRECTIVE 9502.00-6?** ☒ **Yes** ☐ **No**

7. **Recommendation**

☐ Recommend not including as a new FFA/CO site. This site DOES NOT warrant further investigation, does not meet the criteria for acceptance, and should not be included under FFA/CO Action Plan.

☒ Recommend including as new FFA/CO site. This site DOES meet the criteria for acceptance, may warrant further investigation, and should be included under FFA/CO Action Plan.

Recommended WAG and Operable Unit to which site should be assigned:

WAG: 3 Operable Unit: 3-13

Recommended action for this site:

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☐ No Action ☐ No Further Action ☒ Remedial Action under Existing ROD ☐ Track 2 ☐ RI/FS

8. Responsible Manager Signature:

Name: J.L. Butler Signature: [signature] Date: 9/22/05

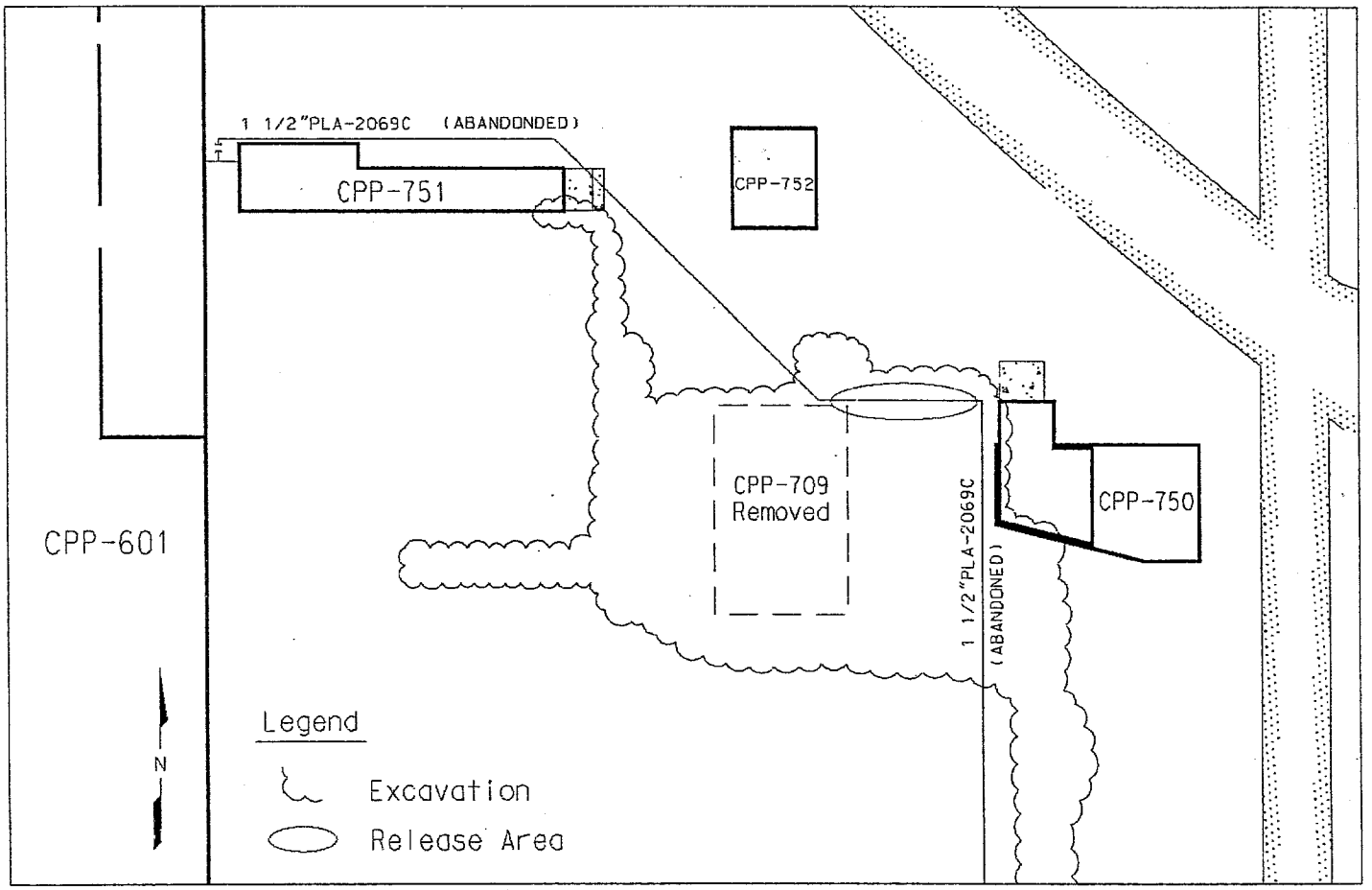

Figure 1. Drawing showing the location of the CPP-124 release.

NEW SITE IDENTIFICATION (NSI)

PART B – INEEL FFA/CO RESPONSIBLE PROGRAM MANAGERS (RPM'S) CONCURRENCE

Site Title:	Site Code:
1 ½" PLA-2069C Leak West of CPP-750	CPP-124

DOE-ID FFA/CO RPM Concurrence: ☒ Concur with recommendation. ☐ Do not concur with the recommendation.

Signature: [signature] Date: 12/1/05

Explanation:

Assessing this release using the OU 3-13, Group 3 process appears to be the most straight-forward approach for addressing this release site.

EPA FFA/CO RPM Concurrence: ☒ Concur with recommendation. ☐ Do not concur with the recommendation.

Signature: [signature] Date: 12-7-05

Explanation:

EPA agrees that this site that this site be grouped under OU 3-13 group 3.

State of Idaho FFA/CO RPM Concurrence: ☒ Concur with recommendation. ☐ Do not concur with the recommendation.

Signature: [signature] Date: 1/19/06

Explanation:

Idaho DEQ agrees with the DOE recommendation to address CPP-124 under the OU 3-13 group 3 process.

NEW SITE IDENTIFICATION (NSI)

Appendix A

(2) b

012177

SPILL LOG

LOG NUMBER: 23

LOGGED BY: D.J. Poland DATE REPRTD: 10/22/87 SPILL REPORTER: Jim Downes

SPILL DATE: 10/22/87 SPILL TIME: 1220 RESPONSIBLE PARTY: Production

SPILL LOCATION: CPP 621

MATERIAL SPILLED: HNO3 AMOUNT SPILLED: approx 1 pint

INCIDENT SUMMARY: Problems with the transfer connection for HNO3 resulted in a spill.

ACTION TAKEN: Neutralized and cleaned up.

COMMENTS:

LOG NUMBER: 24

LOGGED BY: Poland DATE REPRTD: 12/07/87 SPILL REPORTER: Ken Krivanek

SPILL DATE: 12/04/87 SPILL TIME: RESPONSIBLE PARTY: Production

SPILL LOCATION: West of CPP 750 by CPP 709

MATERIAL SPILLED: PEW overhead condensate AMOUNT SPILLED: Unknown

INCIDENT SUMMARY: Transferring condensate from 604 to service waste 3 leaks occurred

PLA-20696 0553-7
DPD

ACTION TAKEN: Soil has rad. cont. Sample collected and submitted to lab (pH)

COMMENTS:

NEW SITE IDENTIFICATION (NSI)

Appendix A (cont.)

12/07/87 [illegible]

PLANT OPERATION SUMMARY

012710

********** SAFETY **********

Rec. from KRK 9:15 am

PEW overheads

********** PROBLEMS REQUIRING IMMEDIATE ATTENTION **********

WHILE USING THE P&R AUX. HOIST THE CABLES "TWISTED", ATTEMPTS TO STRAIGHTEN THEM OUT HAVE BEEN UNSUCCESSFUL.
WHILE TRANSFERRING CONDENSATE FROM CPP-604 TO SERVICE WASTE NOTICED THREE SMALL LEAKS IN THE UNDERGROUND TRANSFER LINE
ST OF CPP-750 (GROUND HAS BEEN EXCAVATED FOR NEW SERVICE WASTE UPGRADE). TERMINATED TRANSFER AND TAGGED OUT PUMP. HAVE
T MADE INSPECTION OF LINE DUE TO "UNSAFE" CONDITION OF THE TRENCH.
TESTED NEW PPS VALVES ON HF SYSTEM IN FM AREA, VALVE # 7 WILL NOT OPEN.

6-1640
Bob Mozes No samples taken
may be lot, acidic, & metals possible

********** FUEL RECEIPT AND STORAGE **********

12/7/87 Pin hole leaks.
Paul Owens - Production - is working on it. Gene here 2 sample jars. He will have pH run on them (soil samples) a sample.

ROUTINES.

********** 601 - FUEL PROCESSING **********

COMPLETED CONCENTRATION OF M AND N CELL SOLUTION IN L-CELL. PULLED REQUIRED ACCOUNTABILITY SAMPLES.
COMPLETED VOLUME CALIBRATION CHECKS OF G-105,106, AND 155.
COMPLETED PRE-OPS FOR FCE. STARTED UP AND RAN "DUMMY FEED" THROUGH COLUMNS, SYSTEM IS SHUT DOWN AT PRESENT.
DECONNED ON H-CELL PIPING, AREA IS CLEAN EXCEPT FOR THE INSIDE OF ONE WIRE TRAY READING 200 d/m.
REMOVED N-101 AND N-102 SAMPLERS FORM THE SAMPLE CUBICLE.

1½" PLA-2069

********** FDP - FUEL PROCESSING **********

Bob Mozes mine- reclaiming but must not have effe. his work much. He does not recall any remediation.

REPLACED CALBE ON P&R AUX. HOIST AND WEIGHT TESTED. WHILE USING THE HOIST TO INSTALL CORROSION COUPONS THE CABLE
ISTED. ATTEMPTS TO STRAIGHTED CALBES HAVE BEEN UNSUCCESSFUL.
COMPLTED PM ON 967 DOOR.
REINSTALLED THE TRAIN TWO DISSOLVER CORROSION PROBE.
MOVED THE FILTER STORAGE BOXES INTO THE CELL.
COMPLETED THE PRESSURE TEST OF THE H2O2 FLOW SWITCHES, ELECTRICIAL WIRING STILL NEEDS TO BE CONNECTED.
CHECKED OUT NEW PPS VALVES ON HF SYSTEM IN FM AREA, VALVE # 7 WILL NOT OPEN.
COMPLETED PPS SD TEST, STARTED PPS CHALLENGE TEST.
REPLACED PUMP 254 IN ORDER TO COMPLETE HF MAKE UP.
THE TELEPHONES ON THE 0,0 AND -13 LEVELS ARE NOT WORKING, NEED REPAIRED.
DECONNED THE CRANE MAINTANCE AREA.
EMPTIED HEELS IN TRIAN 1 & 2 DISSOLVERS AND TRAIN THREE COMPLEXER TO THE PTV.

********** WASTE PROCESSING AND STORAGE **********

OPERATED WL-129 AS NEEDED UNTIL THREE SMALL LEAKS WERE FOUND IN THE CONDENSATE TRANSFER LINE (WEST OF CPP-750 IN
ISTRUCTION TRENCH). TAGGED OUT TRANSFER ROUTE. HAVE NOT MADE INSPECTION OF LINE DUE TO "UNSAFE" CONDITION OF TRENCH.
CONTINUED WITH DISPOSAL OF SULFURIC ACID PER SPECIAL PROCEDURE. - still have some?
CONSTRUCTION NEEDS TO CLEAN UP TOOLS, TRASH, AND MISC. MATERIAL FROM NORTH CELL.
CONTINUED WITH LEAK TESTING AT RSP, REPAIRED SEVERAL LEAKS. NEED DECISION ON WHAT TO DO WITH LEAKS ON CRYOGENIC UNIT.
MCC-105 OPERATED ALL WEEKEND ON THREE NOZILES WITH ~200 g/hr. FEED RATE.
CLEARED PRESSURE TAP P-3.

********** UTILITIES **********

CFSGF UNIT NUMBER ONE CARRYING STEAM LOAD AT 49,000 lbs. PER HOUR.

NEW SITE IDENTIFICATION (NSI)

Appendix B

THIS DOCUMENT COULD NOT BE AUTHENTICATED AND HAS BEEN PLACED IN THE FILE FOR HISTORICAl PURPOSES ONLY

INITIAL AP **DATE** 6/10/08

Appendix B (cont.)

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PURPOSE: To identify the components of the PEW overhead (condensate) in the service waste system.

PROCEDURE 1: Sampling of the PEW condensate batch tank (WL-106), the service waste discharge to the percolation pond and the Percolation Pond was completed on 10/26/88 during shift 3. The special samples were taken before, during, and after a PEW condensate (Tank WL-106, Batch #300) pumpout. Six samples were taken as indicated:

CODE	SAMPLE SOURCE AND CONDITION	TIME
SPPEW 1 & 2	PEW condensate tank WL-106, batch #300 before pumpout	1630
PREPEW 1 & 2	Service Waste discharge pipe before pumpout of batch #300	1745
PEW30MIN 1 & 2	Service Waste discharge pipe 30 minutes into pumpout of batch #300	1810
PEW1HR 1 & 2	Service Waste discharge pipe 1 hour into pumpout of batch #300	1845
PEWEND 1 & 2	Service Waste discharge pipe after pumpout of batch #300	1920
GRABPOND 1 & 2	Perc Pond standing water after pumpout of #300	1925

PROCEDURE 2: Sampling of the PEW condensate batch tank (WL-106), the service waste discharge to the percolation pond and the Percolation Pond was completed on 11/1/88 during shift 2. The special samples were taken before, during, and after a PEW condensate (Tank WL-106, Batch #308) pumpout. Seven samples were taken as indicated:

CODE	SAMPLE SOURCE AND CONDITION	TIME
1A, 1B, & 1C	Perc Pond standing water before pumpout of #308	1034
2A, 2B, 2C, & 2D	Service Waste discharge pipe before pumpout of #308	1050
3A, 3B, & 3C	Service Waste discharge pipe 30 minutes into pumpout of #308	1122
4A, 4B, & 4C	Service Waste discharge pipe 1 hour into pumpout of #308	1151
5A, 5B, & 5C	Service Waste discharge pipe after pumpout of #308	1237
6A, 6B, 6C, & 6D	Perc Pond standing water after pumpout of #308	1246
7A, 7B, 7C, & 7D	PEW condensate tank WL-106, # 308 before pumpout	0945

NEW SITE IDENTIFICATION (NSI)

Appendix B (cont.)

Procedure 1

All Units are mg/l unless otherwise noted

ANALYSES	SPPEW	PREPEW	PEW 30 MIN	PEW 1 HR	PEW END	GRAB POND	EP TOXICITY LIMITS	DRINKING WATER STANDARDS
Thallium (DL=0.014)	ND	ND	ND	ND	ND	ND	NONE	NONE
Sulfate	<0.11201	27.057	23.515	34.829	22.841	112.20	NONE	250
Silver (DL=0.00075)	0.0010	0.0018	ND	ND	ND	ND	5	0.05
Selenium (DL=0.0020)	ND	ND	ND	ND	ND	ND	1.0	0.01
Phosphate	0.38741	<0.1141	<0.1141	<0.1141	<0.1141	<0.1141	NONE	NONE
Organic-C	39.48	6.5	8.84	6.17	31.6	22.6	NONE	NONE
Nitrate (as N)	28.3	.95	8.72	1.20	1.20	9.6	NONE	10
Nickel (DL=0.0035)	ND	ND	ND	ND	0.0044	ND	NONE	NONE
Mercury (DL=0.00050)	0.028	ND	0.0021	ND	ND	0.00050	0.2	0.002
Lead (DL=0.019)	ND	ND	ND	ND	ND	ND	5.0	0.05
Fluoride	0.6317	<0.38	<0.38	<0.38	<0.38	<0.38	NONE	~~2~~ 2 max. at 4.0 mg/l secondary
Cyanide	<10 PPB	<10 PPB	<10 PPB	<10 PPB	<10 PPB	<10 PPB	NONE	NONE
Chromium	0.0022	0.0064	0.0071	0.0075	0.013	0.0096	5.0	0.05
Chloride	1.3236	16.790	15.827	15.758	16.116	96.189	NONE	250
Cadmium (DL=0.0015)	ND	ND	ND	ND	ND	ND	1.0	0.010
Barium (DL=0.0012)	ND	0.0019	ND	ND	ND	0.036	100	1
Arsenic (DL=0.0050)	ND	ND	ND	ND	ND	ND	5.0	0.05

ND = Not Detected
DL = Detection Limit
SPPEW - PEW Condensate tank WL-106, Batch #300
PREPEW - Service Waste discharge pipe before pumpout of #300
PEW 30 MIN - Service Waste discharge pipe 30 minutes into pumpout of #300
PEW 1 HR - Service Waste discharge pipe 1 hour into pumpout of #300
PEWEND - Service Waste discharge after pumpout of #300
GRABPOND - Perc Pond standing water after pumpout of #300

Appendix B (cont.)

Procedure 1

*Units = uci/ml unless otherwise noted

ANALYSES	SPPEW	PREPEW	PEW 30 MIN	PEW 1 HR	PEW END	GRAB POND	DRINKING WATER STANDARDS
Total U*	1.1E-9	2.3E-9	1.8E-9	2.2E-9	2.4E-9	2.5E-9	NONE
Total Pu*	5.9E-8	1.2E-10	6E-9	8E-10	2.7E-10	8E-9	NONE
Conductivity (umhos/cm)	750	370	350	360	370	750	NONE
pH	2.9	8.6	7.9	8.4	8.1	7.9	6.5 - 8.5
TDS (mg/l)	2	340	320	260	210	620	500
I-129*	4.8E-7	<1E-8	3.8E-8	<2E-8	<1E-8	<8E-9	NONE
C-14*	1.9E-7	<2E-8	<1E-8	<1E-8	<1E-8	<1E-8	NONE
H-3*	1.6E-3	<2E-6	8.7E-5	1.9E-5	<2E-6	2E-5	NONE
Sr-89*	<2E-9	<4E-9	<3E-9	<4E-9	<5E-9	<4E-9	NONE
Sr-90*	1.38E-6	<2E-9	3.1E-7	2.6E-8	<4E-9	9.7E-8	NONE
Total Sr*	1.49E-6	<3E-8	3.28E-7	2.9E-8	4E-9	8.5E-8	NONE
Gross Alpha*	<3E-8	<3E-8	6E-8	<3E-8	<3E-8	6E-8	NONE
Gross Beta*	7.4E-6	3.5E-8	2.61E-6	2E-7	8E-8	4E-7	NONE

SPPEW - PEW Condensate tank WL-106, Batch #300
PREPEW - Service Waste discharge pipe before pumpout of #300
PEW 30 MIN - Service Waste discharge pipe 30 minutes into pumpout of #300
PEW 1 HR - Service Waste discharge pipe 1 hour into pumpout of #300
PEWEND - Service Waste discharge after pumpout of #300
GRABPOND - Perc Pond standing water after pumpout of #300

Appendix B (cont.)

Procedure 1

Gamma Scan Results

Units = D/S/ml

NUCLIDE	SPPEW	PREPEW	PEW 30 MIN	PEW 1 HR	PEW END	GRAB POND
Sb-125	0.0613	0.00135	0.00633	ND	ND	0.00181
Ru-106	0.336	0.0246	0.0404	ND	ND	0.0129
Cs-137	0.14100	ND	0.02600	0.03950	0.00197	0.00734
Cs-134	0.019	ND	0.0035	0.00053	ND	0.00089
Ce-144	ND	ND	0.0047	ND	ND	ND

ND = Not Detected
SPPEW - PEW Condensate tank WL-106, Batch #300
PREPEW - Service Waste discharge pipe before pumpout of #300
PEW 30 MIN - Service Waste discharge pipe 30 minutes into pumpout of #300
PEW 1 HR - Service Waste discharge pipe 1 hour into pumpout of #300
PEWEND - Service Waste discharge after pumpout of #300
GRABPOND - Perc Pond standing water after pumpout of #300

Appendix B (cont.)

Procedure 2

Volatile Organics EPA Method 8240

ANALYSES	1A	2A	3A	4A	5A	6A	7A	PUBLISHED EPA METHOD DETECTION LIMITS (MDL)
4-Methyl-2-Pentanone (MIBK) (Hexone) (mg/l)	0.032	0.94	0.92	1.3	ND	0.380	16	NONE
Trichloroethene (mg/l)	ND	ND	ND	ND	ND	ND	0.35	0.19

The Following Volatile Organics Were Not Detected EPA Method 8240

chloromethane
bromomethane
vinyl chloride
chloroethane
dichloromethane
trichlorofluoromethane
1,1-dichloroethane
1,1-dichloroethene
trans-1,2-dichloroethene
chloroform
1,2-dichloroethane
1,1,1-trichloroethane
carbon tetrachloride
bromodichloromethane
1,2-dichloropropane
trans,1,3-dichloropropene
trichloroethene
benzene
chlorodibromomethane
1,1,2-trichloroethane
cis-1,3-dichloropropene
2-chloroethylvinyl ether
bromoform
1,1,2,2-tetrachloroethane
tetrachloroethene
toluene
chlorobenzene
ethylbenezene
1,3-dichlorobenzene
1,2 & 1,4-dichlorobenzenes

ND = Not Detected
1A - Perc Pond standing water before pumpout of #308
2A - Service Waste discharge pipe before pumpout of #308
3A - Service Waste discharge pipe 30 minutes into pumpout of #308
4A - Service Waste discharge pipe 1 hour into pumpout of #308
5A - Service Waste discharge after pumpout of #308
6A - Perc Pond standing water after pumpout of #308
7A - PEW condensate tank WL-106, #308

Appendix B (cont.)

Procedure 2

BNA Organics Detected - EPA Method 8270

All Units = mg/l

ANALYSES	2D	6D	7D	PUBLISHED EPA METHOD DETECTION LIMITS (MDL)
di-n-butyl phthalate	ND	ND	0.01	NONE
diethyl phthalate	ND	ND	0.0027	0.0019
bis(2-ethylhexyl)phthalate	0.012	ND	0.0057	0.0025
phosphoric acid tributyl ester (TBP)	0.039 *NE	0.22 *NE	2.8 *NE	NONE
unknown oxy compound**	ND	ND	0.06 *NE	NONE
carboxylic acid a***	ND	ND	0.02 *NE	NONE
carboxylic acid b***	ND	ND	0.026 *NE	NONE
carboxylic acid c***	ND	ND	0.015 *NE	NONE
alkane C16	ND	ND	0.03 *NE	NONE
unknown**	ND	ND	0.14 *NE	NONE
unknown**	ND	ND	0.011 *NE	NONE
alkane C23	ND	ND	0.027 *NE	NONE

ND = Not Detected
2D Service Waste discharge pipe before pumpout of #308
6D Perc Pond standing water after pumpout of #308
7D PEW condensate tank WL-106, #308

*N Analytical standards were not analyzed for this compound.
*E The reported concentration is an estimate only.
The response factor was assumed to be 1.000
relative to an internal standard.
** Unknown compounds detected but are unidentifiable.
*** 3 Compounds in the carboxylic acid group detected but are unidentifiable.

Appendix B (cont.)

001964

Procedure 2

The Following BNA Organics Were Not Detected for Samples 2D, 6D, & 7D - EPA Methods 8270

N-nitrosodimethylamine
phenol
bis(2-chloroethyl)ether
2-chlorophenol
1,3-dichlorobenzene
1,4-dichlorobenzene
1,2-dichlorobenzene
bis(2-chloroisopropyl)ether
N-nitrosodi-n-propylamine
hexachloroethane
nitrobenzene
isophorone
2-nitrophenol
2,4-dimethylphenol
bis(2-chloroethoxy)methane
2,4-dichlorophenol
1,2,4-trichlorobenzene
naphthalene
hexachlorobutadiene
4-chloro-3-methylphenol
hexachlorocyclopentadiene
2,4,6-trichlorophenol
2-chloronaphthalene
demethyl phthalate
2,6-dinitrotoluene
acenaphthylene
acenaphthene
2,4-dinitrophenol
4-nitrophenol
2,4-dinitrotoluene
4-chloropenyl-phenylether
fluorene
2-methyl-4,6-dinitrophenol
N-nitrosodiphenylamine
4-bromophenyl-phenylether
hexachlorobenzene
beta-BHC
pentachlorophenol
phenanthrene
anthracene
delta-BHC
heptachlor
aldrin
heptachlor epoxide
fluoranthene
pyrene
endosulfan I
4,4'DDE
benzidine
dieldrin
endrin
4,4'DDD
endosulfan II
endrin aldehyde
benzyl-butylphthalate
4,4'DDT
endosulfan sulfate
benzo(a)anthracene
chrysene
3,3-dichlorobenzidine
di-n-octylphthalate
benzo(b)fluroanthene
benzo(k)fluoranthene
benzo(a)pyryne
indeno(1,2,3-cd)pyrene
dibenzo(a,h)anthracene
benzo(ghi)perylene
chlordane
toxaphene
PCB-1016
PCB-1221
PCB-1232
PCB-1242
PCB-1248
PCB-1254
PCB-1260