N62661 AR 000208
NAVSTA NEWPORT RI
5090 3a

DEPARTMENT OF THE NAVY
NAVAL EDUCATION AND TRAINING CENTER
NEWPORT, RHODE ISLAND 02841-5000

IN REPLY REFER TO
5090
Ser 900 / 40E

5 FEB 1992

State of Rhode Island
Department of Environmental Management
Division of Air and Hazardous Materials
Attn: Ms. Cynthia Signore
291 Promenade Street
Providence, RI 02908

Dear Ms. Signore:

As requested by your letter of January 7, 1992 regarding tank closure activities at Tank Farm 5, Tanks 53 and 56, the following information is provided:

Item 1: *Has all hazardous waste which which was generated to date as a result of the tank closure operations been removed from the site? This includes all sludge, oil, and hazardous waste generated by the water treatment operation to date. Also has all oil contaminated soil, including the soil pile stored adjacent to Tank 53, been removed from the site? If so, please submit copies of manifests/bills of lading, indicating the destination of the contaminated soil?*

Response: Most of the waste has already been manifested off-site except for small quantities of spent carbon, sludge, and protective clothing that were recently generated.

No soils have been removed from the site including the pile near Tank No. 53. TCLP test results indicate that the pile is not a hazardous waste. A copy of the results are enclosed.

Item 2: *Has confirmatory sampling of tank walls taken place? If not, when is it scheduled? If so, please submit analytical results.*

Response: Six composite core samples were taken and tested for the complete TCLP. TCLP limits were not exceeded in any of the core samples. A copy of the test results are enclosed.

Item 3: *What is the current status of the pumping and treating of groundwater from the ring drains? Is the groundwater being treated through the entire treatment system? If not, please explain the process.*

Response: We plan on discharging untreated ring drain groundwater to Newport's WWTF. We have submitted a request to modify our existing permit with the City of Newport to discharge this groundwater. Analytical results of the ring drain groundwater are enclosed. Presently, groundwater from the ring drains is being pumped and transferred to Tank No. 51 pending approval of our permit modification.

If you have any questions, our point of contact is Mr. David Dorocz at 841-3735.

Sincerely,

A. T. PRINGLE
CAPT, CEC, U. S. NAVY
Director for Public Works
By direction of the Commander

Copy to:
EPA Region I (Ms Carol Cody)
NORTHNAVFACENGCOM (Mr. Brian Helland)

Enclosures:
(1) Soil sample test results
(2) Concrete core sample test results
(3) Ring drain water test results

1 sample per 50 tons pile

DATA SUMMARY REPORT

DATE: 06/21/91

PAGE: 1

Company: OHM REMEDIATION SERVICES CORPORATION

Soil Samples

Sample Point ID:		1A	1B	2A	2B	3A	3B	4A	4B
ETC Sample Number:		JG5208	JG5209	JG5210	JG5211	JG5212	JG5213	JG5214	JG5215
Sample Date:		910530	910530	910530	910530	910530	910530	910530	910530
Facility Code:		009783	009783	009783	009783	009783	009783	009783	009783
Parameters	Units								
A TCLP Leachate Herbicide Analysis, GC, (G852)									
4-D	mg/L	<.250	<.250	<.250	<.250	<.250	<.250	<.250	<.250
4,5-TP (Silvex)	mg/L	<.250	<.250	<.250	<.250	<.250	<.250	<.250	<.250
A TCLP Leachate Pesticide Analysis, GC, (G854)									
lordane	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
drin	mg/L	<.002	<.002	<.002	<.002	<.002	<.002	<.002	<.002
ptachlor	mg/L	<.002	<.002	<.002	<.002	<.002	<.002	<.002	<.002
ptachlor epoxide	mg/L	<.002	<.002	<.002	<.002	<.002	<.002	<.002	<.002
oxaphene	mg/L	<.040	<.040	<.040	<.040	<.040	<.040	<.040	<.040
A TCLP Leachate Metals Analysis, (M852)									
rsenic	mg/L	<.100	<.100	<.100	<.100	<.100	<.100	<.100	<.100
arium	mg/L	.894	.550	.450	.470	.451	.519	.512	.466
admium	mg/L	<.005	<.005	<.005	<.005	<.005	<.005	<.005	<.005
hromium	mg/L	.117	.026	.036	<.020	<.020	<.020	<.020	<.020
ead	mg/L	<.100	<.100	<.100	<.100	<.100	<.100	<.100	<.100
ercury	mg/L	<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001
elenium	mg/L	<.100	<.100	<.100	<.100	<.100	<.100	<.100	<.100
ilver	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
RA TCLP Leachate Base/Neutral/Acid Analysis, MS, (M852)									
,4-Dinitrotoluene	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
exachlorobenzene	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
exachloroethane	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
exachlorobutadiene	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
indane	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
ethoxychlor	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
-Methylphenol	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
-Methylphenol	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
itrobenzene	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
entachlorophenol	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
yridine	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
,4,5-Trichlorophenol	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020
,4,6-Trichlorophenol	mg/L	<.020	<.020	<.020	<.020	<.020	<.020	<.020	<.020

JUN 21 '91 14:24 ETC_EIN AY LAB. (419)424-4998 P.2

FAIA, (1)

DATA SUMMARY REPORT

DATE: 06/21/91

PAGE: 2

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID:		1A	1B	2A	2B	3A	3B	4A	4B
ETC Sample Number:		JG5208	JG5209	JG5210	JG5211	JG5212	JG5213	JG5214	JG5215
Sample Date:		910530	910530	910530	910530	910530	910530	910530	910530
Facility Code:		009783	009783	009783	009783	009783	009783	009783	009783
Parameters	Units								
A TCLP Leachate (XHE) Volatile Analysis, MS, (MV50)									
enzene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125
arbon tetrachloride	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125
hlorobenzene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125
hloroform	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125
,4-Dichlorobenzene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125
,2-Dichloroethane	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125
,1-Dichloroethylene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125
thyl ethyl ketone	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125
etrachloroethylene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125
richloroethylene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125
inyl chloride	mg/L	<.125	<.125	<.125	<.125	<.125	<.125	<.125	<.125

JUN 21 '91 14:25 ETC_EIN Y LAB. (419)424-4998 P.3

Tank Walls

DATA SUMMARY REPORT

DATE: 12/13/91

Company: OHM REMEDIATION SERVICES CORPORATION

Parameters	Units	C3040	C3041	C3042	C3043	C3045
Sample Point ID:		C3040	C3041	C3042	C3043	C3045
ETC Sample Number:		JH5509	JH5510	JH5511	JH5512	JH5514
Sample Date:		911126	911126	911126	911126	911126
Facility Code:		009783	009783	009783	009783	009783
RCRA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)						
Methoxychlor	mg/L	<.100	<.100	<.100	<.100	<.100
2-Methylphenol	mg/L	<.100	<.100	<.100	<.100	<.100
4-Methylphenol	mg/L	<.100	<.100	<.100	<.100	<.100
Nitrobenzene	mg/L	<.100	<.100	<.100	<.100	<.100
Pentachlorophenol	mg/L	<.100	<.100	<.100	<.100	<.100
Pyridine	mg/L	<.100	<.100	<.100	<.100	<.100
2,4,5-Trichlorophenol	mg/L	<.100	<.100	<.100	<.100	<.100
2,4,6-Trichlorophenol	mg/L	<.100	<.100	<.100	<.100	<.100

NP <0.100

Parameters	Units	C3040	C3041	C3042	C3043	C3044	C3045
Sample Point ID:		C3040	C3041	C3042	C3043	C3044	C3045
ETC Sample Number:		JH5509	JH5510	JH5511	JH5512	JH5513	JH5514
Sample Date:		911126	911126	911126	911126	911126	911126
Facility Code:		009783	009783	009783	009783	009783	009783
RCRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)							
Benzene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Carbon tetrachloride	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Chlorobenzene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Chloroform	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
1,4-Dichlorobenzene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
1,2-Dichloroethane	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
1,1-Dichloroethylene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Methyl ethyl ketone	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Tetrachloroethylene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Trichloroethylene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Vinyl chloride	mg/L	<.125	<.125	<.125	<.125	<.125	<.125

Rec 12-16-91 From. J. Stackowski

ENCL (2)

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 91555

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NETC, RI
PROJECT LOCATION: Middletown, RI
PROJ NO.: 97-83
PROJECT CONTACT: G. Habgood
PROJECT TELEPHONE NO.: 401-848-0714
CLIENT'S REPRESENTATIVE: Lcdr. Bassler
PROJECT MANAGER/SUPERVISOR: John Fiore

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): TCLP

7-day turnaround on all samples. Prepare composite samples as follows:

ITEM	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TCLP	REMARKS
1	ØØ1	11/26/91	09:30		X	Gray opaque solid, lower level, Tank 53 (concrete dust)	1	X	composite with ØØ2, ØØ3 and ØØ4
2	ØØ2	11/26/91	09:45		X	Gray opaque solid, lower level, Tank 53 (concrete dust)	1	X	
3	ØØ3	11/26/91	09:59		X	Gray opaque solid, lower level, Tank 53 (concrete dust)	1	X	
4	ØØ4	11/26/91	10:15		X	Gray opaque solid, lower level, Tank 53 (concrete dust)	1	X	
5	ØØ5	11/26/91	10:30		X	Gray opaque solid, upper level, Tank 53 (concrete dust)	1	X	composite with ØØ6, ØØ7 and ØØ8
6	ØØ6	11/26/91	10:45		X	Gray opaque solid, upper level, Tank 53 (concrete dust)	1	X	
7	ØØ7	11/26/91	11:00		X	Gray opaque solid upper level, Tank 53 (concrete dust)	1	X	
8	ØØ8	11/26/91	11:15		X	Gray opaque solid, upper level, Tank 53 (concrete dust)	1	X	
9	ØØ9	11/26/91	11:30		X	Gray opaque solid, Floor, Tank 53 (concrete dust)	1	X	composite with Ø10, Ø11, Ø12 and Ø13
10	Ø1Ø	11/26/91	11:45		X	Gray opaque solid, Floor, Tank 53 (concrete dust)	1	X	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-10	G. Habgood	Air Borne Express 4496267726	12/2/91	13:00
2					
3					
4					

REMARKS: Return cooler to:
OHM
Burma Road
Middletown, RI 02840

SAMPLER'S SIGNATURE: Greg Habgood

LAB COPY

OHM Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 91556

O.H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

PROJECT NAME: NETC, RI
PROJECT LOCATION: Middletown, RI
PROJ NO: 9783
PROJECT CONTACT: G. Halgood
PROJECT TELEPHONE NO: 401-848-0714
CLIENT'S REPRESENTATIVE: Lt. Bassler
PROJECT MANAGER/SUPERVISOR: John Fiore

ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): TCLP

7 day turnaround on all samples
Prepare composite samples as follows:

ITEM NO	SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	TCLP	REMARKS
1	Ø11	11/24/91	12:00		X	Gray opaque solid, Floor Tank 53 (concrete dust)	1	X	
2	Ø12	11/24/91	12:15		X	Gray opaque solid, Floor Tank 53 (concrete dust)	1	X	
3	Ø13	11/24/91	12:30		X	Gray opaque solid, Center of Floor, Tank 53 (concrete dust)	1	X	
4	Ø14	11/24/91	14:00		X	Gray opaque solid, lower level, Tank 56 (concrete dust)	1	X	composite with Ø15, Ø16, and Ø17
5	Ø15	11/24/91	14:15		X	Gray opaque solid, lower level Tank 56 (concrete dust)	1	X	
6	Ø16	11/24/91	14:30		X	Gray opaque solid, lower level Tank 56 (concrete dust)	1	X	
7	Ø17	11/24/91	14:45		X	Gray opaque solid, lower level, Tank 56 (concrete dust)	1	X	
8	Ø18	11/24/91	15:00		X	Gray opaque solid upper level, Tank 56 (concrete dust)	1	X	composite with Ø19, Ø2Ø, and Ø21
9	Ø19	11/26/91	15:15		X	Gray opaque solid, upper level Tank 56 (concrete dust)	1	X	
10	Ø2Ø	11/26/91	15:30		X	Gray opaque solid, upper level Tank 56, (concrete dust)	1	X	

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME	REMARKS
1	1-10	G. Halgood	Airborne Express 4496267226	12/2/91	13:00	
2						
3						
4						

SAMPLER'S SIGNATURE: G. Halgood

LAB COPY

M Corporation

CHAIN-OF-CUSTODY RECORD

Form 0019
Field Technical Services
Rev. 08/89

No. 91557

) H. MATERIALS CORP. • P.O. BOX 551 • FINDLAY, OH 45839-0551 • 419-423-3526

OJECT NAME: NETC, RI	PROJECT LOCATION: Middletown, RI
OJ NO: 1783	PROJECT CONTACT:
	PROJECT TELEPHONE NO.: 401-848-0714
ENT'S REPRESENTATIVE: Pat Cissler	PROJECT MANAGER/SUPERVISOR: J. Fiore

7 day turnaround on all samples. Prepare composite samples as follows:

SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION (INCLUDE MATRIX AND POINT OF SAMPLE)	NUMBER OF CONTAINERS	ANALYSIS DESIRED (INDICATE SEPARATE CONTAINERS): TCLP	REMARKS
Ø21	11/26/91	15:45		X	Gray opaque solid, upper level, Tank 56 (concrete dust)	1	X	
Ø22	11/26/91	16:00		X	Gray opaque solid, Floor, Tank 56 (Concrete dust)	1	X	composite with Ø23, Ø24, Ø25 and Ø26
Ø23	11/26/91	16:15		X	Gray opaque solid, Floor, Tank 56 (Concrete dust)	1	X	
Ø24	11/26/91	16:30		X	Gray opaque solid, Center of Floor, Tank 56 (Concrete dust)	1	X	
Ø25	11/26/91	16:45		X	Gray opaque solid, Floor, Tank 56 (Concrete dust)	1	X	
Ø26	11/26/91	17:00		X	Gray opaque solid, Floor, Tank 56 (Concrete dust)	1	X	
Ø27	12/02/91	10:30		X	Gray opaque solid (concrete dust) Method Blank	1	X	14 day turnaround. Do not composite with anything
Ø28	12/02/91	10:35		X	clear colorless liquid Trip Blank (NSF Grade H2O)	3 40ml vials	X	14 day turnaround
9								
10								

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	TRANSFERS ACCEPTED BY	DATE	TIME
1	1-8	G. Halgozzel	Air Borne Express 4496267216	12/2/91	13:00
2					
3					
4					

REMARKS: Note: Sample maps enclosed if needed for clarity. Contact site if have questions.

SAMPLER'S SIGNATURE: Guy Halgozzel

LAB COPY

2543

Concrete Samples per C-41 item(7)

DATA SUMMARY REPORT

Lt Ken Bassler

where C3044 ? BNA(TCLP)

DATE: 12/10/91

PAGE: 1

Company: CORPORATION

Rec 12-12-91

Parameters		C3040 JH5509 911126 009783	C3041 JH5510 911126 009783	C3042 JH5511 911126 009783	C3043 JH5512 911126 009783	C3044 JH5513 911126 009783	C3045 JH5514 911126 009783
CRA TCLP Leachate Pesticide Analysis, GC, (GS54)							
Chlordane	mg/L	<.020	<.020	<.020	<.020	<.020	<.020
Endrin	mg/L	<.002	<.002	<.002	<.002	<.002	<.002
Heptachlor	mg/L	<.002	<.002	<.002	<.002	<.002	<.002
Heptachlor epoxide	mg/L	<.002	<.002	<.002	<.002	<.002	<.002
Toxaphene	mg/L	<.040	<.040	<.040	<.040	<.040	<.040
CRA TCLP Leachate Metals Analysis, (ME52)							
Arsenic	mg/L	<.100	<.100	<.100	<.100	<.100	<.100
Barium	mg/L	.655	.825	.412	.856	1.16	.396
Cadmium	mg/L	<.005	<.005	<.005	<.005	<.005	<.005
Chromium	mg/L	<.020	.054	<.020	.063	.022	<.020
Lead	mg/L	<.100	<.100	<.100	<.100	<.100	<.100
Mercury	mg/L	<.001	<.001	<.001	<.001	<.001	<.001
Selenium	mg/L	<.100	<.100	<.100	<.100	<.100	<.100
Silver	mg/L	<.020	<.020	<.020	<.020	<.020	<.020
CRA TCLP Leachate (ZHE) Volatile Analysis, MS, (MV50)							
Benzene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Carbon tetrachloride	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Chlorobenzene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Chloroform	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
1,4-Dichlorobenzene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
1,2-Dichloroethane	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
1,1-Dichloroethylene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Methyl ethyl ketone	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Tetrachloroethylene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Trichloroethylene	mg/L	<.125	<.125	<.125	<.125	<.125	<.125
Vinyl chloride	mg/L	<.125	<.125	<.125	<.125	<.125	<.125

pg 1/1

you still need BNA + HRB

will Fax when I get

See Contract pg C-40

12/10/91 @1500

GMK

DATA SUMMARY REPORT

DATE: 12/13/91

PAGE: 1

Company: OHM REMEDIATION SERVICES CORPORATION

Parameters	Units	C3040	C3041	C3042	C3043	C3044	C3045
Sample Point ID:		C3040	C3041	C3042	C3043	C3044	C3045
ETC Sample Number:		JH5509	JH5510	JH5511	JH5512	JH5513	JH5514
Sample Date:		911126	911126	911126	911126	911126	911126
Facility Code:		009783	009783	009783	009783	009783	009783
RA TCLP Leachate Herbicide Analysis, GC, (GS52)							
,4-D	mg/L	<.250	<.250	<.250	<.250	<.250	<.250
,4,5-TP (Silvex)	mg/L	<.250	<.250	<.250	<.250	<.250	<.250
RA TCLP Leachate Pesticide Analysis, GC, (GS54)							
hlordane	mg/L	<.020	<.020	<.020	<.020	<.020	<.020
ndrin	mg/L	<.002	<.002	<.002	<.002	<.002	<.002
eptachlor	mg/L	<.002	<.002	<.002	<.002	<.002	<.002
eptachlor epoxide	mg/L	<.002	<.002	<.002	<.002	<.002	<.002
oxaphene	mg/L	<.040	<.040	<.040	<.040	<.040	<.040
RA TCLP Leachate Metals Analysis, (ME52)							
rsenic	mg/L	<.100	<.100	<.100	<.100	<.100	<.100
arium	mg/L	.655	.825	.412	.856	1.16	.396
admium	mg/L	<.005	<.005	<.005	<.005	<.005	<.005
hromium	mg/L	<.020	.054	<.020	.063	.022	<.020
ead	mg/L	<.100	<.100	<.100	<.100	<.100	<.100
ercury	mg/L	<.001	<.001	<.001	<.001	<.001	<.001
elenium	mg/L	<.100	<.100	<.100	<.100	<.100	<.100
ilver	mg/L	<.020	<.020	<.020	<.020	<.020	<.020

Parameters	Units	C3040	C3041	C3042	C3043	C3045
Sample Point ID:		C3040	C3041	C3042	C3043	C3045
ETC Sample Number:		JH5509	JH5510	JH5511	JH5512	JH5514
Sample Date:		911126	911126	911126	911126	911126
Facility Code:		009783	009783	009783	009783	009783
RA TCLP Leachate Base/Neutral/Acid Analysis, MS, (MS52)						
2,4-Dinitrotoluene	mg/L	<.100	<.100	<.100	<.100	<.100
exachlorobenzene	mg/L	<.100	<.100	<.100	<.100	<.100
exachloroethane	mg/L	<.100	<.100	<.100	<.100	<.100
exachlorobutadiene	mg/L	<.100	<.100	<.100	<.100	<.100
indane	mg/L	<.100	<.100	<.100	<.100	<.100

Marked up by contractor

ND <.100

See BUA Analysis sheets which are attached. DDD

DATA SUMMARY REPORT

DATE: 12/10/91

PAGE: 1

Company: OHM REMEDIATION SERVICES CORPORATION

Sample Point ID:		C3040	C3041	C3042	C3043	C3044	C3045
BTC Sample Number:		JH5509	JH5510	JH5511	JH5512	JH5513	JH5514
Sample Date:		911126	911126	911126	911126	911126	911126
Facility Code:		009783	009783	009783	009783	009783	009783
Parameters	Units						
RA TCLP Leachate Herbicide Analysis, GC, (QS52)							
,4-D	mg/L	<.250	<.250	<.250	<.250	<.250	<.250
,4,5-TP (Silvex)	mg/L	<.250	<.250	<.250	<.250	<.250	<.250

By 1/
HRB data
you need
BNA/TCLP yet
12/10 @ 1630
MK

DEC 10 '91 16:26 ETC_EIN DY LAB. (419)424-4593

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	009783	C3040	JH5509

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C3914	83
Hexachlorobenzene	ND	-	.100	ND	Q7C3914	83
Hexachloroethane	ND	-	.100	ND	Q7C3914	54
Hexachlorobutadiene	ND	-	.100	ND	Q7C3914	74
Lindane	ND	-	.100	ND	Q7C3914	8
Methoxychlor	ND	-	.100	ND	Q7C3914	88
2-Methylphenol	ND	-	.100	ND	Q7C3914	81
4-Methylphenol	ND	-	.100	ND	Q7C3914	142
Nitrobenzene	ND	-	.100	ND	Q7C3914	88
P ntachlorophenol	ND	-	.100	ND	Q7C3914	93
Pyridine	ND	-	.100	ND	Q7C3914	80
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C3914	104
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C3914	97

John
12/12
page = 3

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sampl No.
OHM REMEDIATION SERVICES CORPORATION	009783	C3041	JH5510

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C3914	83
Hexachlorobenzene	ND	-	.100	ND	Q7C3914	83
Hexachloroethane	ND	-	.100	ND	Q7C3914	54
Hexachlorobutadiene	ND	-	.100	ND	Q7C3914	74
Lindane	ND	-	.100	ND	Q7C3914	8
Methoxychlor	ND	-	.100	ND	Q7C3914	88
2-Methylphenol	ND	-	.100	ND	Q7C3914	81
4-Methylphenol	ND	-	.100	ND	Q7C3914	142
Nitrobenzene	ND	-	.100	ND	Q7C3914	88
Pentachlorophenol	ND	-	.100	ND	Q7C3914	93
Pyridine	ND	-	.100	ND	Q7C3914	80
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C3914	104
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C3914	97

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	009783	C3042	JH5511

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits / mg/L	Blank Results mg/L	Batch Number	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C3914	83
Hexachlorobenzene	ND	-	.100	ND	Q7C3914	83
Hexachloroethane	ND	-	.100	ND	Q7C3914	54
Hexachlorobutadiene	ND	-	.100	ND	Q7C3914	74
Lindane	ND	-	.100	ND	Q7C3914	8
Methoxychlor	ND	-	.100	ND	Q7C3914	88
2-Methylphenol	ND	-	.100	ND	Q7C3914	81
4-Methylphenol	ND	-	.100	ND	Q7C3914	142
Nitrobenzene	ND	-	.100	ND	Q7C3914	88
Pentachlorophenol	ND	-	.100	ND	Q7C3914	93
Pyridine	ND	-	.100	ND	Q7C3914	80
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C3914	104
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C3914	97

3-Methyl- and 4-Methylphenol coelute and are reported as the total

RCRA TCLP LEACHATE BASE/NEUTRAL/ACID ANALYSIS, MS, (MS52)

Company Name	Facility	Sample Point	ASC Sample No.
OHM REMEDIATION SERVICES CORPORATION	009783	C3045	JH5514

Compounds	Sample Results mg/L	Bias Corrected Results mg/L	Detection Limits mg/L	Blank R sults mg/L	Batch Numb r	Bias Recov
2,4-Dinitrotoluene	ND	-	.100	ND	Q7C3923	82
Hexachlorobenzene	ND	-	.100	ND	Q7C3923	35
Hexachloroethane	ND	-	.100	ND	Q7C3923	52
Hexachlorobutadiene	ND	-	.100	ND	Q7C3923	57
Lindane	ND	-	.100	ND	Q7C3923	88
Methoxychlor	ND	-	.100	ND	Q7C3923	59
2-Methylphenol	ND	-	.100	ND	Q7C3923	80
4-Methylphenol	ND	-	.100	ND	Q7C3923	146
Nitrob nzene	ND	-	.100	ND	Q7C3923	89
Pentachlorophenol	ND	-	.100	ND	Q7C3923	77
Pyridine	ND	-	.100	ND	Q7C3923	70
2,4,5-Trichlorophenol	ND	-	.100	ND	Q7C3923	88
2,4,6-Trichlorophenol	ND	-	.100	ND	Q7C3923	93

3-Methyl- and 4-Methylphenol coelute and are reported as the total

Certificate of Analysis

To: NETC
Public Works Dept.
Bldg. 1 Dept. 40E
Newport, RI 02841-5000

Attn: David Dordcz

Date Reported: December 19, 1991
Date Received: December 13, 1991
Order No. N6266192RC56545
Case No. B1213-19

Sample Description: Two (2) submitted samples Water designated:
1. Tank 53 Ring Drain Water
2. Tank 56 Ring Drain Water

SUBJECT: Determine BOD_5, pH, Total Suspended Solids, Sulfate, Sulfide, Fluoride, Total Iron, Total Organic Carbon, Total Cyanide, Total Phenols, Oil and Grease, Antimony, Arsenic, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Zinc, VOC's, Semivolatiles, Pesticides and PCB's

METHOD: 40 CFR Part 136- Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act.
Standard Methods for the Examination of Water and Wastewater, APHA, 16th ed.
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA.

RESULTS: See Attached

Mark H. Bishop
Laboratory Director

NEW ENGLAND TESTING LABORATORY, INC.
1254 Douglas Avenue, North Providence, Rhode Island 02904-5392 • 401-353-3420

Our letters and reports are for the exclusive use of the client to whom they are addressed, and their communication to any others, or the use of the name of the New England Testing Laboratory, Inc. must receive our prior written approval. Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products. Samples not destroyed in testing are retained a maximum of thirty (30) days.

ENCL (3)

Case No. B1213-19

Tank 53 Ring Drain Water

Parameter	Result, mg/L
BOD_5	4.8
Oil and Grease	<2
pH, S.U.	6.4
Total Suspended Solids	8.0
Sulfate	30
Sulfide	<1
Fluoride	0.21
Total Organic Carbon	2
Total Phenols	<0.02
Total Cyanide	<0.01
Total Iron	29
Antimony	<0.005
Arsenic	0.026
Beryllium	<0.02
Cadmium	<0.02
Chromium	<0.02
Copper	<0.02
Lead	<0.10
Mercury	<0.001
Nickel	0.05

Case No. B1213-19

Tank 53 Ring Drain Water (Cont'd)

Parameter	Result, mg/L
Selenium	<0.005
Silver	<0.02
Thallium	<0.05
Zinc	<0.02
VOC's	Attached
Semivolatiles	Attached
Pesticides/PCB's	Attached

Cas No. B1213-19

Tank 56 Ring Drain Water

Parameter	Result, mg/L
BOD_5	4.1
Oil and Grease	2.0
pH, S.U.	6.3
Total Suspended Solids	2.5
Sulfate	47
Sulfide	<1
Fluoride	0.14
Total Organic Carbon	1
Total Phenols	0.04
Total Cyanide	<0.01
Total Iron	1.0
Antimony	<0.005
Arsenic	<0.005
Beryllium	<0.02
Cadmium	<0.02
Chromium	<0.02
Copper	<0.02
Lead	<0.10
Mercury	<0.001
Nickel	<0.02

Case No. B1213-19

Tank 56 Ring Drain Water (Cont'd)

Parameter	Result, mg/L
Selenium	<0.005
Silver	<0.02
Thallium	<0.05
Zinc	0.21
VOC's	Attached
Semivolatiles	Attached
Pesticides/PCB's	Attached

Sample: Tank 53 Ring Drain Water

Case No. B1213-19

Date Analyzed: 12/18/91

Subject: Volatile Organic Compounds

Method: EPA 8240

Compound	Concentration ug/L (ppb)	Reporting Limit
Acetone	N.D.	10
Benzene	N.D.	1
Bromochloromethane	N.D.	20
Bromodichloromethane	N.D.	1
Bromoform	N.D.	1
Bromomethane	N.D.	20
2-Butanone	N.D.	10
n-Butylbenzene	N.D.	1
sec-Butylbenzene	N.D.	1
tert-Butylbenzene	N.D.	1
Carbon disulfide	N.D.	10
Carbon tetrachloride	N.D.	1
Chlorobenzene	N.D.	1
Chlorodibromomethane	N.D.	1
Chloroethane	N.D.	20
Chloroform	N.D.	1
Chloromethane	N.D.	20
2-Chlorotoluene	N.D.	1
4-Chlorotoluene	N.D.	1
Dibromomethane	N.D.	1
1,2-Dibromo-3-chloropropane	N.D.	1
1,2-Dibromoethane	N.D.	1
1,2-Dichlorobenzene	N.D.	1
1,3-Dichlorobenzene	N.D.	1
1,4-Dichlorobenzene	N.D.	1
Dichlorodifluoromethane	N.D.	1
1,1-Dichloroethane	N.D.	1
1,2-Dichloroethane	8.7	1
1,1-Dichloroethene	N.D.	1
trans-1,2-Dichloroethene	1.5	1
1,2-Dichloropropane	N.D.	1
cis-1,3-Dichloropropene	N.D.	1
trans-1,3-Dichloropropene	N.D.	1
1,4-Dioxane	N.D.	20
Ethanol	N.D.	20
Ethylbenzene	N.D.	1
Ethyl methacrylate	N.D.	20
2-Hexanone	N.D.	10
Isopropylbenzene	N.D.	1
p-Isopropyltoluene	N.D.	1
Methylene chloride	N.D.	3

Sample: Tank 53 Ring Drain Wat r

Case No. B1213-19

Compound	Concentration µg/L (ppb)	Reporting Limit
4-Methyl-2-pentanone	N.D.	10
n-Propylbenzene	N.D.	1
Styrene	N.D.	1
1,1,1,2-Tetrachloroethane	N.D.	1
1,1,2,2-Tetrachloroethane	N.D.	1
Tetrachloroethene	N.D.	1
Toluene	N.D.	1
1,2,3-Trichlorobenzene	N.D.	1
1,1,1-Trichloroethane	N.D.	1
1,1,2-Trichloroethane	N.D.	1
Trichloroethene	N.D.	1
Trichlorofluoromethane	N.D.	1
1,2,3-Trichloropropane	N.D.	1
1,2,4-Trimethylbenzene	4.8	1
1,3,5-Trimethylbenzene	1.9	1
Vinyl acetate	N.D.	20
Vinyl chloride	N.D.	20
Xylene, Total	3.0	1

Surrogates:

Compound	% Recovery	Limits
Toluene d8	95	88-110
1,2-Dichloroethane-d4	90	76-114
4 BFB	90	86-115

Sample: Tank 56 Ring Drain Water

Case N . B1213-19

Date Analyzed: 12/18/91

Subject: Volatile Organic Compounds

M thod: EPA 8240

Compound	Concentration ug/L (ppb)	Reporting Limit
Acetone	N.D.	10
Benzene	N.D.	1
Bromochloromethane	N.D.	20
Bromodichloromethane	N.D.	1
Bromoform	N.D.	1
Bromomethane	N.D.	20
2-Butanone	N.D.	10
n-Butylbenzene	N.D.	1
sec-Butylbenzene	N.D.	1
tert-Butylbenzene	N.D.	1
Carbon disulfide	N.D.	10
Carbon tetrachloride	N.D.	1
Chlorobenzene	N.D.	1
Chlorodibromomethane	N.D.	1
Chloroethane	N.D.	20
Chloroform	N.D.	1
Chloromethane	N.D.	20
2-Chlorotoluene	N.D.	1
4-Chlorotoluene	N.D.	1
Dibromomethane	N.D.	1
1,2-Dibromo-3-chloropropane	N.D.	1
1,2-Dibromoethane	N.D.	1
1,2-Dichlorobenzene	N.D.	1
1,3-Dichlorobenzene	N.D.	1
1,4-Dichlorobenzene	N.D.	1
Dichlorodifluoromethane	N.D.	1
1,1-Dichloroethane	N.D.	1
1,2-Dichloroethane	N.D.	1
1,1-Dichloroethene	N.D.	1
trans-1,2-Dichloroethene	N.D.	1
1,2-Dichloropropane	N.D.	1
cis-1,3-Dichloropropene	N.D.	1
trans-1,3-Dichloropropene	N.D.	1
1,4-Dioxane	N.D.	20
Ethanol	N.D.	20
Ethylbenzene	1.8	1
Ethyl methacrylate	N.D.	20
2-Hexanone	N.D.	10
Isopropylbenzene	1.3	1
p-Isopropyltoluene	2.5	1
Methylene chloride	N.D.	3

Sample: Tank 56 Ring Drain Wat r Case No. B1213-19

Compound	Concentration ug/L (ppb)	Reporting Limit
4-Methyl-2-pentanone	N.D.	10
n-Propylbenzene	N.D.	1
Styrene	N.D.	1
1,1,1,2-Tetrachloroethane	N.D.	1
1,1,2,2-Tetrachloroethane	N.D.	1
Tetrachloroethene	N.D.	1
Toluene	N.D.	1
1,2,3-Trichlorobenzene	N.D.	1
1,1,1-Trichloroethane	N.D.	1
1,1,2-Trichloroethane	N.D.	1
Trichloroethene	N.D.	1
Trichlorofluoromethane	N.D.	1
1,2,3-Trichloropropane	N.D.	1
1,2,4-Trimethylbenzene	23	1
1,3,5-Trimethylbenzene	5.4	1
Vinyl acetate	N.D.	20
Vinyl chloride	N.D.	20
Xylene, Total	15	1

Surrogates:

Compound	% Recovery	Limits
Toluene d8	94	88-110
1,2-Dichloroethane-d4	89	76-114
4 BFB	97	86-115

Sample: Tank 53 Ring Drain Water

Case No. B1213-19
Date Extracted: 12/17/91
Date Analyzed: 12/18/91

Subject: Semivolatile Base/Neutral Extractable Compounds
Method: EPA 8270

Compound	Concentration, ug/L (ppb)	Reporting Limit
Acenaphthene	N.D.	5
Acenaphthylene	N.D.	5
Ac tophenone	N.D.	10
4-Aminobiphenyl	N.D.	20
Aniline	N.D.	5
Anthracene	N.D.	5
Benzidine	N.D.	30
Benzo(a)anthracene	N.D.	20
Benzo(b)fluoranthene	N.D.	20
B nzo(k)fluoranthene	N.D.	20
Benzoic acid	N.D.	20
Benzo(g,h,i)perylene	N.D.	20
Benzo(a)pyrene	N.D.	20
Benzyl alcohol	N.D.	10
Bis(2-chloroethyl)ether	N.D.	5
Bis(2-chloroisopropyl)ether	N.D.	5
Bis(2-chloroethoxy)methane	N.D.	10
Bis(2-ethylhexyl) phthalate	N.D.	10
4-Bromophenyl phenyl ether	N.D.	10
Butyl benzyl phthalate	N.D.	10
4-Chloroaniline	N.D.	10
1-Chloronaphthalene	N.D.	10
2-Chloronaphthalene	N.D.	10
4-Chlorophenyl phenyl ether	N.D.	10
Chrysene	N.D.	5
Dibenz(a,j)acridine	N.D.	20
Dibenz(a,h)anthracene	N.D.	20
Dibenzofuran	N.D.	10
Di-n-butylphthalate	N.D.	5
1,2-Dichlorobenzene	N.D.	5
1,3-Dichlorobenzene	N.D.	5
1,4-Dichlorobenzene	N.D.	5
3,3'-Dichlorobenzidine	N.D.	30
Diethyl phthalate	N.D.	5
p-Dimethylaminoazobenzene	N.D.	5
7,12-Dimethylbenz(a)anthracene	N.D.	20
Dimethylphenethylamine	N.D.	20
Dimethyl phthalate	N.D.	5
2,4-Dinitrotoluene	N.D.	20
2,6-Dinitrotoluene	N.D.	20
Di(n)octyl phthalate	N.D.	5
Diphenylamine	N.D.	10
1,2-Diphenylhydrazine	N.D.	10
Ethyl methanesulfonate	N.D.	5
Fluoranthene	N.D.	5
Fluorene	N.D.	5
Hexachlorobenzene	N.D.	10
Hexachlorobutadiene	N.D.	10
Hexachlorocyclopentadien	N.D.	20
Hexachloroethane	N.D.	5
Indeno(1,2,3-cd)pyrene	N.D.	20

Sample: Tank 53 Ring Drain Water

Case No. B1213-19

Compound	Concentration, ug/L (ppb)	Reporting Limit
Isophoron	N.D.	5
3-Methylcholanthrene	N.D.	20
Methyl methanesulfonate	N.D.	5
2-Methylnaphthalene	N.D.	5
Naphthalene	N.D.	5
1-Naphthylamine	N.D.	10
2-Naphthylamine	N.D.	10
2-Nitroaniline	N.D.	10
3-Nitroaniline	N.D.	10
4-Nitroaniline	N.D.	10
Nitrobenzene	N.D.	5
N-Nitrosodibutylamine	N.D.	10
N-Nitrosodimethylamine	N.D.	20
N-Nitrosodiphenylamine	N.D.	10
N-Nitroso-di-n-propylamine	N.D.	20
N-Nitrosopiperidine	N.D.	10
Pentachlorobenzene	N.D.	10
Pentachloronitrobenzene	N.D.	20
Phenacetin	N.D.	10
Phenanthrene	N.D.	5
2-Picoline	N.D.	10
Pronamide	N.D.	10
Pyrene	N.D.	5
1,2,4,5-Tetrachlorobenzene	N.D.	10
1,2,4-Trichlorobenzene	N.D.	10

Semivolatile Acid Extractable Compounds

Compound	Concentration, ug/L (ppb)	Reporting Limit
4-Chloro-3-methylphenol	N.D.	20
2-Chlorophenol	N.D.	10
2,4-Dichlorophenol	N.D.	20
2,6-Dichlorophenol	N.D.	20
2,4-Dimethylphenol	N.D.	20
4,6-Dinitro-2-methylphenol	N.D.	20
2,4-Dinitrophenol	N.D.	20
2-Methylphenol	N.D.	10
4-Methylphenol	N.D.	10
2-Nitrophenol	N.D.	20
4-Nitrophenol	N.D.	20
Pentachlorophenol	N.D.	20
Phenol	N.D.	10
2,3,4,6-Tetrachlorophenol	N.D.	20
2,4,5-Trichlorophenol	N.D.	20
2,4,6-Trichlorophenol	N.D.	20

Surrogates:

Compound	% Recovery	Limits
Nitrobenzene d5	45	35-114
2-Fluorobiphenyl	43	43-116
p-Terphenyl d14	46	33-141
Phenol d6	10	10-94
2,4,6-Tribromophenol	101	10-123
2-Fluorophenol	21	21-100

Sample: Tank 56 Ring Drain Water

Case No. B1213-19
Date Extracted: 12/17/91
Date Analyzed: 12/18/91

Subject: Semivolatile Base/Neutral Extractable Compounds
Method: EPA 8270

Compound	Concentration, ug/L (ppb)	Reporting Limit
Acenaphthene	N.D.	5
Acenaphthylene	N.D.	5
Acetophenone	N.D.	10
4-Aminobiphenyl	N.D.	20
Aniline	N.D.	5
Anthracene	N.D.	5
Benzidine	N.D.	30
Benzo(a)anthracene	N.D.	20
Benzo(b)fluoranthene	N.D.	20
Benzo(k)fluoranthene	N.D.	20
Benzoic acid	N.D.	20
Benzo(g,h,i)perylene	N.D.	20
Benzo(a)pyrene	N.D.	20
Benzyl alcohol	N.D.	10
Bis(2-chloroethyl)ether	N.D.	5
Bis(2-chloroisopropyl)ether	N.D.	5
Bis(2-chloroethoxy)methane	N.D.	10
Bis(2-ethylhexyl) phthalate	N.D.	10
4-Bromophenyl phenyl ether	N.D.	10
Butyl benzyl phthalate	N.D.	10
4-Chloroaniline	N.D.	10
1-Chloronaphthalene	N.D.	10
2-Chloronaphthalene	N.D.	10
4-Chlorophenyl phenyl ether	N.D.	10
Chrysene	N.D.	5
Dibenz(a,j)acridine	N.D.	20
Dibenz(a,h)anthracene	N.D.	20
Dibenzofuran	N.D.	10
Di-n-butylphthalate	N.D.	5
1,2-Dichlorobenzene	N.D.	5
1,3-Dichlorobenzene	N.D.	5
1,4-Dichlorobenzene	N.D.	5
3,3'-Dichlorobenzidine	N.D.	30
Diethyl phthalate	N.D.	5
p-Dimethylaminoazobenzene	N.D.	5
7,12-Dimethylbenz(a)anthracene	N.D.	20
Dimethylphenethylamine	N.D.	20
Dimethyl phthalate	N.D.	5
2,4-Dinitrotoluene	N.D.	20
2,6-Dinitrotoluene	N.D.	20
Di(n)octyl phthalate	N.D.	5
Diphenylamine	N.D.	10
1,2-Diphenylhydrazine	N.D.	10
Ethyl methanesulfonate	N.D.	5
Fluoranthene	N.D.	5
Fluorene	N.D.	5
Hexachlorobenzene	N.D.	10
Hexachlorobutadiene	N.D.	10
Hexachlorocyclopentadiene	N.D.	20
Hexachloroethane	N.D.	5
Indeno(1,2,3-cd)pyren	N.D.	20

Sample: Tank 56 Ring Drain Water

Case No. B1213-19

Compound	Concentration, ug/L (ppb)	Reporting Limit
Isophorone	N.D.	5
3-Methylcholanthren	N.D.	20
Methyl methanesulfonate	N.D.	5
2-Methylnaphthalene	N.D.	5
Naphthalene	N.D.	5
1-Naphthylamine	N.D.	10
2-Naphthylamine	N.D.	10
2-Nitroaniline	N.D.	10
3-Nitroaniline	N.D.	10
4-Nitroaniline	N.D.	10
Nitrobenzene	N.D.	5
N-Nitrosodibutylamine	N.D.	10
N-Nitrosodimethylamine	N.D.	20
N-Nitrosodiphenylamine	N.D.	10
N-Nitroso-di-n-propylamine	N.D.	20
N-Nitrosopiperidine	N.D.	10
Pentachlorobenzene	N.D.	10
Pentachloronitrobenzene	N.D.	20
Phenacetin	N.D.	10
Phenanthrene	N.D.	5
2-Picoline	N.D.	10
Pronamide	N.D.	10
Pyrene	N.D.	5
1,2,4,5-Tetrachlorobenzene	N.D.	10
1,2,4-Trichlorobenzene	N.D.	10

Semivolatile Acid Extractable Compounds

Compound	Concentration, ug/L (ppb)	Reporting Limit
4-Chloro-3-methylphenol	N.D.	20
2-Chlorophenol	N.D.	10
2,4-Dichlorophenol	N.D.	20
2,6-Dichlorophenol	N.D.	20
2,4-Dimethylphenol	N.D.	20
4,6-Dinitro-2-methylphenol	N.D.	20
2,4-Dinitrophenol	N.D.	20
2-Methylphenol	N.D.	10
4-Methylphenol	N.D.	10
2-Nitrophenol	N.D.	20
4-Nitrophenol	N.D.	20
Pentachlorophenol	N.D.	20
Phenol	N.D.	10
2,3,4,6-Tetrachlorophenol	N.D.	20
2,4,5-Trichlorophenol	N.D.	20
2,4,6-Trichlorophenol	N.D.	20

Surrogates:

Compound	% Recovery	Limits
Nitrobenzene d5	35	35-114
2-Fluorobiphenyl	43	43-116
p-Terphenyl d14	33	33-141
Phenol d6	10	10-94
2,4,6-Tribromophenol	100	10-123
2-Fluorophenol	21	21-100

Sample: Tank 53 Ring Drain Water

Case No. B1213-19

ORGANOCHLORINE PESTICIDES AND PCB'S

Compound	Concentration ug/L (ppb)
Aldrin	N.D.
alpha-BHC	N.D.
beta-BHC	N.D.
delta-BHC	N.D.
Chlordane	N.D.
4,4'-DDD	N.D.
4,4'-DDE	N.D.
4,4'-DDT	N.D.
Dieldrin	N.D.
Endosulfan I	N.D.
Endosulfan II	N.D.
Endosulfan sulfate	N.D.
Endrin	N.D.
Endrin aldehyde	N.D.
Heptachlor	N.D.
Heptachlor epoxide	N.D.
Lindane	N.D.
Methoxychlor	N.D.
Toxaphene	N.D.
PCB-1016	N.D.
PCB-1221	N.D.
PCB-1232	N.D.
PCB-1242	N.D.
PCB-1248	N.D.
PCB-1254	N.D.
PCB-1260	N.D.

Pesticide Detection Limit is 0.1 ppb
PCB Detection Limit is 0.5 ppb

N.D. = Not Detected

Sample: Tank 56 Ring Drain Water

Case No.: B1213-19

ORGANOCHLORINE PESTICIDES AND PCB'S

Compound	Concentration ug/L (ppb)
Aldrin	N.D.
alpha-BHC	N.D.
beta-BHC	N.D.
delta-BHC	N.D.
Chlordane	N.D.
4,4'-DDD	N.D.
4,4'-DDE	N.D.
4,4'-DDT	N.D.
Dieldrin	N.D.
Endosulfan I	N.D.
Endosulfan II	N.D.
Endosulfan sulfate	N.D.
Endrin	N.D.
Endrin aldehyde	N.D.
Heptachlor	N.D.
Heptachlor epoxide	N.D.
Lindane	N.D.
Methoxychlor	N.D.
Toxaphene	N.D.
PCB-1016	N.D.
PCB-1221	N.D.
PCB-1232	N.D.
PCB-1242	N.D.
PCB-1248	N.D.
PCB-1254	N.D.
PCB-1260	N.D.

Pesticide Detection Limit is 0.1 ppb
PCB Detection Limit is 0.5 ppb

N.D. = Not Detected