



BRUCE KING
GOVERNOR

State of New Mexico
E. IRONMENT DEPARTMENT

DOE/LANL Oversight Program
P.O. Box 1663, J-993
Los Alamos, New Mexico 87545

Telephone (505) 672-0443 / Fax (505) 672-0466

LIBRARY COPY
LANL

MEMORANDUM

TO: Coby Muckelroy, HRMB

THROUGH: Bruce Swanton, Program Manager, DOE/EM Oversight

FROM: Steve Yanicak, AIP/LANL DOE/EM Oversight

DATE: August 31, 1994

RE: AIP Split Sampling Results from soil in Bin 11 and Drum 17 (Dome 49) that was removed from Solid Waste Management Unit (SWMU) 3-010[a] at Technical Area (TA) 3, Building 30 that was placed in TA-54, Pit 37, Los Alamos National Laboratory (LANL).

The following New Mexico Scientific Laboratory Division (SLD) results stem from an AIP and LANL split sampling event at TA-54 on June 23, 1994. For background information on this issue see memo to your office dated 6/24/94. Soil samples were taken from the steel bins and drums containing SWMU 3-010(a) soils on June 23, 1994. LANL randomly chose 4 of the 15 bins and 4 of the 19 drums to sample and removed them to a sampling area at Dome 49, Area L. TCLP sample analysis for waste characterization were conducted on the containerized soils to enable the option of shipping the waste to Evirocare, Utah. LANL TCLP laboratory results are still pending at this time. AIP staff split samples with LANL on Drum 17 and Bin 11 for volatile organic compound (VOC) and semi-volatile organic compound (SVOC) analyses for verification of the organic compounds and concentration levels reported to be within the soil.

The SLD SVOC report showed no elevated concentrations for compounds of concern, but the SLD VOC report attached shows concentrations above instrument detection limits for 1,1-Dichloroethene, 1,1,1-Trichloroethane, Trichloroethene (TCE) and Acetone*. Results from Drum 17 showed concentrations of 0.80 ppm for 1,1-Dichloroethene and 4.00 ppm for 1,1,1-Trichloroethane. Bin 11 showed concentrations of 0.61 ppm for 1,1-Dichloroethene, 1.30 ppm for 1,1,1-Trichloroethane and 0.28 ppm for TCE. The LANL risk-based screening action level (SAL) for these compounds are: 0.59 ppm(soil) for 1,1-Dichloroethene, 1000.00 ppm(soil) for 1,1,1-Trichloroethane, and 3.20 ppm(soil) for TCE. Of the three compounds detected, the compound of concern in both samples is 1,1-Dichloroethene which is at or slightly above the SAL of 0.59 ppm for soil.

*acetone concentrations in these samples are believed to be a common laboratory contaminant



5443

FILE L111L HSWA FU 500 1148 7M-54
Rec'd 94

TR

AIP Split Sampling of Bin 11, Drum 17
August 31, 1994
Page 2.

It should be noted that the excavated soils placed within the drums were done so at the TA-3 Mercury SWMU site and represent soil stratigraphically above soils which were placed in the bins. The bin soils represent the lowest lift of sediment and tuff (bottom of the trench) from the excavation site, but these soils were transported in dump trucks and dumped in Pit 37 TA-54 prior to being placed in the bins.

If there are any questions regarding this memo please contact Steve Yanicak at (505) 672-0448.

Attachments

cc: Benito Garcia, HRMB Bureau Chief
Neil Weber, AIP Bureau Chief
John Tymkowych, HRMB
Barbara Hoditscheck, HRMB
Michael Dale, GWPRB AIP/LANL
Harvey Decker, SWQB AIP/LANL
Gary Allen, LANL OUPL
File LANL/RED/94

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700700 Camino de Salud, NE
[505]-841-2500

ORGANIC CHEMISTRY SECTION [505]-841-2570

August 3, 1994

Request
ID No. 089844ANALYTICAL REPORT
SLD Accession No. OR-94-2049Distribution

() User 55902
 (X) Submitter 81
 (X) SLD Files

To: S. Yanicak
 ED - Surface Water Program
 ED Surface Water Bureau
 P.O. Box 26110
 Santa Fe, NM 87502

From: Organic Chemistry Section
 Scientific Laboratory Div.
 700 Camino de Salud, N.E.
 P.O. Box 4700
 Albuquerque, NM 87196-4700

Re: A soil sample submitted to this laboratory on June 24, 1994

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 23-Jun-94	By: Yan . . .	Dome 49 Drum 17
At: 9:54 hrs.	In/Near: Los Alamos	

ANALYTICAL RESULTS: Aromatic & Halogenated Purgeable [EPA-601/2] Screen {754}

Parameter	Value	Note	PQL	Units
Acetone	8600.00		1535.00	ppb
1,1-Dichloroethene	800.00		307.00	ppb
1,1,1-Trichloroethane	4000.00		307.00	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:

PQL = Practical Quantitation Level.

A = Approximate Value; N = None Detected above Detection Limit; P = Compound Present, but not quantified;
T = Trace (<Detection Limit); U = Compound Identity Not Confirmed.Evidentiary Seals: Not Sealed ; Intact: No , Yes & Broken By: _____ Date: _____Laboratory Remarks:

Reported compound identities were confirmed by GC/MS.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
 Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
 Matrix: (soil/water) soil Lab Sample ID: OR-94-2049
 Sample wt/vol: 9.88 (g/mL) gms SLD Batch No: 298
 Level: (low/med) Low Date Received: 6/24/94
 % Moisture: not dec. 21 dec. N/A Date Extracted: N/A
 Extraction: (SepF/Cont/Sonc) N/A Date Analyzed: 6/30/94
 GPC Cleanup: (Y/N) No pH: _____ Dilution Factor: 1:200
 CONCENTRATION UNITS:
 (ug/L or ug/Kg): _____ ug/Kg

(Continued on page 2.)

ANALYTICAL REPORT
 SLD Accession No. OR-94-2049
 Continuation, Page 2 of 4

This sample was analyzed for the following compounds
 using EPA Methods 601 & 602

CAS NO.	COMPOUND	CONC.	O	POL
67-64-1	Acetone	8600		1535
71-43-2	Benzene		U	307
108-86-1	Bromobenzene		U	307
74-97-5	Bromochloromethane		U	307
75-27-4	Bromodichloromethane		U	307
75-25-2	Bromoform		U	307
78-93-3	2-Butanone (MEK)		U	1535
104-51-8	n-Butylbenzene		U	307
135-98-8	sec-Butylbenzene		U	307
98-06-6	tert-Butylbenzene		U	307
1634-04-4	tert-Butyl methyl ether (MTBE)		U	1535
56-23-5	Carbon tetrachloride		U	307
108-90-7	Chlorobenzene		U	307
67-66-3	Chloroform		U	307
95-49-8	2-Chlorotoluene		U	307
106-43-4	4-Chlorotoluene		U	307
96-12-8	1,2-Dibromo-3-chloropropane		U	307
124-48-1	Dibromochloromethane		U	307
106-93-4	1,2-Dibromoethane		U	307
74-95-3	Dibromomethane		U	307
95-50-1	1,2-Dichlorobenzene		U	307
541-73-1	1,3-Dichlorobenzene		U	307
106-46-7	1,4-Dichlorobenzene		U	307
75-71-8	Dichlorodifluoromethane		U	307
75-34-3	1,1-Dichloroethane		U	307
107-06-2	1,2-Dichloroethane		U	307
75-35-4	1,1-Dichloroethene	800		307
156-59-4	cis-1,2-Dichloroethene		U	307
156-60-5	trans-1,2-Dichloroethene		U	307
78-87-5	1,2-Dichloropropane		U	307
142-28-9	1,3-Dichloropropane		U	307
590-20-7	2,2-Dichloropropane		U	307
563-58-6	1,1-Dichloropropene		U	307
1006-01-5	cis-1,3-Dichloropropene		U	307
1006-02-6	trans-1,3-Dichloropropene		U	307
100-41-4	Ethylbenzene		U	307
87-68-3	Hexachlorobutadiene		U	307
98-82-8	Isopropylbenzene		U	307
99-87-6	4-Isopropyltoluene		U	307

(Continued on page 3.)

ANALYTICAL REPORT
 SLD Accession No. OR-94-2049
 Continuation, Page 3 of 4

75-09-2	Methylene chloride		U	307
90-12-0	1-Methylnaphthalene		U	307
91-57-6	2-Methylnaphthalene		U	307
91-20-3	Naphthalene		U	307
103-65-1	n-Propylbenzene		U	307
100-42-5	Styrene		U	307
630-20-6	1,1,1,2-Tetrachloroethane		U	307
79-34-5	1,1,2,2-Tetrachloroethane		U	307
127-18-4	Tetrachloroethene		U	307
109-99-9	Tetrahydrofuran (THF)		U	1535
108-88-3	Toluene		U	307
87-61-5	1,2,3-Trichlorobenzene		U	307
120-82-1	1,2,4-Trichlorobenzene		U	307
71-55-6	1,1,1-Trichloroethane	4000		307
79-00-5	1,1,2-Trichloroethane		U	307
79-01-6	Trichloroethene		U	307
75-69-4	Trichlorofluoromethane		U	307
96-18-4	1,2,3-Trichloropropane		U	307
95-63-6	1,2,4-Trimethylbenzene		U	307
108-67-8	1,3,5-Trimethylbenzene		U	307
75-01-4	Vinyl chloride		U	307
95-47-6	o-Xylene		U	307
N/A	p- & m-Xylene		U	307

- * CONC = CONCENTRAION DETERMINED
 PQL = Practical Quantitation Limit (Approximately 10 times MDL)
 * Q = Qualifier Definitions:
 B - Indicates compound was detected in the Lab Blank as well as in the sample.
 D - Indicates value taken from a secondary (diluted) sample analysis.
 E - Indicates compound concentration exceeded the range of the standard curve.
 J - Indicates an estimated value for tentatively identified compounds, or for compounds detected and identified but present at a concentration less than the quantitation limit.
 N - Indicates that more than one peak was used for quantitation.
 U - Indicates compound was analyzed for, but not detected above the concentration listed (Quantitation Limit).

QUALITY CONTROL SUMMARY FOR VOLATILES SCREEN

(Continued on page 4.)

ANALYTICAL REPORT
SLD Accession No. OR-94-2049
Continuation, Page 4 of 4

METHOD BLANK: A laboratory method blank was analyzed along with this sample to assure the absence of interfering contaminants from lab reagents, instruments, or the general laboratory environment. Unless listed below, no contaminants were detected in this blank above the reported detection limit.

COMPOUND DETECTED
No Compounds Detected

CONCENTRATION (PPB)

SURROGATE RECOVERIES:

SURROGATE	CONCENTRATION	% RECOVERY
Bromofluorobenzene	25.0 ppb	104.0 ✓
2-Bromo-1-chloropropane	25.0 ppb	91.0
m-Cl-Toluene	25.0 ppb	124.0

SPIKE RECOVERY: The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	CONCENTRATION	% RECOVERY
THF	40.0 ppb	75.0

Analyst:

Patrick Basile
Patrick F. Basile
Analyst, Organic Chemistry

Reviewed By:

Richard F. Meyerhein
Richard F. Meyerhein 07/19/94
Supervisor, Organic Chemistry Section

ANHE CHEMISTRY ANALYTICAL REQUEST FORM

SLD No. 0R94 2049 C

SCIENTIFIC LABORATORY DIVISION
10 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

Request ID No. 089844-A

Date Received: 6-24-94

Request ID No.: 55902

Priority Code #: 3

City: Los Alamos National Laboratory

County: Los Alamos

City: Los Alamos

State: N.M.

Sample Name: DIOME 149 DIRUIM 117

Collector: Steve Yanical On: 9/06/23 At: 0954 hrs.

Submitter: 0811 Organization: 550624

Latitude (DDMMSS) Longitude (DDMMSS) 2 Digit ID (if needed)

Name: Steve Yanical Phone #: 672-0448
NMED / AIR DOE Oversight
P.O. BOX 1663 MS J 993
Los Alamos NM 87545

Sampling Information:
Sample Purpose: Grab Composite
 Compliance Flow Proportioned
 Check Equal Aliquot
 Monitoring Sample Split w/Permittee
 Special Chain of Custody

pH: Conductivity: umhos @ C. Temperature: Chlorine Residual: mg/l. Flow:

Sample Source:
 Stream Well; Depth:
 Lake Spring
 Rain Distribution
 Pool Point-of-Entry
 WTP Other:

Field Notes/
Sample #:

Sample Type: Water, Soil, Food,
 Wastewater, Other
Form accompanies a single sample consisting of:
- septum vial(s) (volume =)
- glass jugs (volume =)
- (volume =)

Preservation:
 NP No Preservation; Sample stored at room temperature
 P-Ice Sample stored in an ice bath (Not Frozen)
 P-TS Sample Preserved with Sodium Thiosulfate to remove chlorine residual
 P-HCl Sample Preserved with Hydrochloric Acid (2 drops/40 ml)
 Other

Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required. Whenever possible, list specific compounds suspected or required.

- Volatile Screens:**
- (753) Aliphatic Headspace (1-5 Carbons)
 - (754) Aromatic & Halogenated Purgeables (EPA 601 & 602)
 - (765) Mass Spectrometer Purgeables (EPA 624)
 - (766) SDWA Total Trihalomethanes (EPA 501.1)
 - (774) SDWA VOC's I [8 Regulated +] (EPA 502.2)
 - (775) SDWA VOC's II [EDB & DBCP] (EPA 504)
- Other Specific Compounds or Classes:**
- {

- Semivolatile Screens:**
- (763) Acid Extractables
 - (751) Aliphatic Hydrocarbons
 - (755) Base/Neutral Extractables (EPA 625)
 - (756) Base/Neutral/Acid Extractables (EPA 8270)
 - (758) Herbicides, Chlorophenoxy Acid
 - (759) Herbicides, Triazines
 - (760) Organochlorine Pesticides
 - (761) Organophosphate Pesticides
 - (767) Polychlorinated Biphenyls (PCB's)
 - (764) Polynuclear Aromatic Hydrocarbons
 - (762) SDWA Pesticides & Herbicides

Remarks: Please provide date + time of analysis.
* Please note the information attached.
Call us for disposal of sample.

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700700 Camino de Salud, NE
[505]-841-2500

ORGANIC CHEMISTRY SECTION [505]-841-2570

August 3, 1994

Request
ID No. 089841

ANALYTICAL REPORT SLD Accession No. OR-94-2048

Distribution
 User 55902
 Submitter 81
 SLD Files

To: S. Yanicak
 ED - Surface Water Program
 ED Surface Water Bureau
 P.O. Box 26110
 Santa Fe, NM 87502

From: Organic Chemistry Section
 Scientific Laboratory Div.
 700 Camino de Salud, N.E.
 P.O. Box 4700
 Albuquerque, NM 87196-4700

Re: A soil sample submitted to this laboratory on June 24, 1994

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 23-Jun-94	By: Yan . . .	Dome 49 Bin 11
At: 7:35 hrs.	In/Near: Los Alamos	

ANALYTICAL RESULTS: Aromatic & Halogenated Purgeable [EPA-601/2] Screen {754}

Parameter	Value	Note	PQL	Units
Acetone	6900.00		1275.00	ppb
1,1-Dichloroethene	610.00		255.00	ppb
1,1,1-Trichloroethane	1300.00		255.00	ppb
Trichloroethene	280.00		255.00	ppb

See Laboratory Remarks for Additional Information

Notations & Comments:

PQL = Practical Quantitation Level.

A = Approximate Value; N = None Detected above Detection Limit; P = Compound Present, but not quantified;

T = Trace (<Detection Limit); U = Compound Identity Not Confirmed.

Evidentiary Seals: Not Sealed ; Intact: No , Yes & Broken By: _____ Date: _____Laboratory Remarks:

Reported compound identities were confirmed by GC/MS.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NM SCIENTIFIC LABORATORY DIVISION Contract: N/A
 Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: N/A
 Matrix: (soil/water) soil Lab Sample ID: OR-94-2048
 Sample wt/vol: 9.90 (g/mL) GM SLD Batch No: 298
 Level: (low/med) Low Date Received: 6/24/94
 % Moisture: not dec. 12. dec. N/A Date Extracted: N/A
 Extraction: (SepF/Cont/Sonc) N/A Date Analyzed: 6/30/94
 GPC Cleanup: (Y/N) No pH: _____ Dilution Factor: 1:200
 CONCENTRATION UNITS:
 (ug/L or ug/Kg): ug/Kg

(Continued on page 2.)

ANALYTICAL REPORT
 SLD Accession No. OR-94-2048
 Continuation, Page 2 of 4

This sample was analyzed for the following compounds
 using EPA Methods 601 & 602

CAS NO.	COMPOUND	CONC.	Q	POL
67-64-1	Acetone	6900		1275
71-43-2	Benzene		U	255
108-86-1	Bromobenzene		U	255
74-97-5	Bromochloromethane		U	255
75-27-4	Bromodichloromethane		U	255
75-25-2	Bromoform		U	255
78-93-3	2-Butanone (MEK)		U	1275
104-51-8	n-Butylbenzene		U	255
135-98-8	sec-Butylbenzene		U	255
98-06-6	tert-Butylbenzene		U	255
1634-04-4	tert-Butyl methyl ether (MTBE)		U	1275
56-23-5	Carbon tetrachloride		U	255
108-90-7	Chlorobenzene		U	255
67-66-3	Chloroform		U	255
95-49-8	2-Chlorotoluene		U	255
106-43-4	4-Chlorotoluene		U	255
96-12-8	1,2-Dibromo-3-chloropropane		U	255
124-48-1	Dibromochloromethane		U	255
106-93-4	1,2-Dibromoethane		U	255
74-95-3	Dibromomethane		U	255
95-50-1	1,2-Dichlorobenzene		U	255
541-73-1	1,3-Dichlorobenzene		U	255
106-46-7	1,4-Dichlorobenzene		U	255
75-71-8	Dichlorodifluoromethane		U	255
75-34-3	1,1-Dichloroethane		U	255
107-06-2	1,2-Dichloroethane		U	255
75-35-4	1,1-Dichloroethene	610		255
156-59-4	cis-1,2-Dichloroethene		U	255
156-60-5	trans-1,2-Dichloroethene		U	255
78-87-5	1,2-Dichloropropane		U	255
142-28-9	1,3-Dichloropropane		U	255
590-20-7	2,2-Dichloropropane		U	255
563-58-6	1,1-Dichloropropene		U	255
1006-01-5	cis-1,3-Dichloropropene		U	255
1006-02-6	trans-1,3-Dichloropropene		U	255
100-41-4	Ethylbenzene		U	255
87-68-3	Hexachlorobutadiene		U	255
98-82-8	Isopropylbenzene		U	255

(Continued on page 3.)

ANALYTICAL REPORT
 SLD Accession No. OR-94-2048
 Continuation, Page 3 of 4

99-87-6	4-Isopropyltoluene		U	255
75-09-2	Methylene chloride		U	255
90-12-0	1-Methylnaphthalene		U	255
91-57-6	2-Methylnaphthalene		U	255
91-20-3	Naphthalene		U	255
103-65-1	n-Propylbenzene		U	255
100-42-5	Styrene		U	255
630-20-6	1,1,1,2-Tetrachloroethane		U	255
79-34-5	1,1,2,2-Tetrachloroethane		U	255
127-18-4	Tetrachloroethene		U	255
109-99-9	Tetrahydrofuran (THF)		U	1275
108-88-3	Toluene		U	255
87-61-5	1,2,3-Trichlorobenzene		U	255
120-82-1	1,2,4-Trichlorobenzene		U	255
71-55-6	1,1,1-Trichloroethane	1300		255
79-00-5	1,1,2-Trichloroethane		U	255
79-01-6	Trichloroethene	280		255
75-69-4	Trichlorofluoromethane		U	255
96-18-4	1,2,3-Trichloropropane		U	255
95-63-6	1,2,4-Trimethylbenzene		U	255
108-67-8	1,3,5-Trimethylbenzene		U	255
75-01-4	Vinyl chloride		U	255
95-47-6	o-Xylene		U	255
N/A	p- & m-Xylene		U	255

- * CONC = CONCENTRAION DETERMINED
 PQL = Practical Quantitation Limit (Approximately 10 times MDL)
 * Q = Qualifier Definitions:
 B - Indicates compound was detected in the Lab Blank as well as in the sample.
 D - Indicates value taken from a secondary (diluted) sample analysis.
 E - Indicates compound concentration exceeded the range of the standard curve.
 J - Indicates an estimated value for tentatively identified compounds, or for compounds detected and identified but present at a concentration less than the quantitation limit.
 N - Indicates that more than one peak was used for quantitation.
 U - Indicates compound was analyzed for, but not detected above the concentration listed (Quantitation Limit).

QUALITY CONTROL SUMMARY FOR VOLATILES SCREEN

(Continued on page 4.)

ANALYTICAL REPORT
SLD Accession No. OR-94-2048
Continuation, Page 4 of 4

METHOD BLANK: A laboratory method blank was analyzed along with this sample to assure the absence of interfering contaminants from lab reagents, instruments, or the general laboratory environment. Unless listed below, no contaminants were detected in this blank above the reported detection limit.

COMPOUND DETECTED	CONCENTRATION (PPB)
No Compounds Detected	

SURROGATE RECOVERIES:

SURROGATE	CONCENTRATION	% RECOVERY
Bromofluorobenzene	25.0 ppb	101.0
2-Bromo-1-chloropropane	25.0 ppb	88.0
m-Cl-Toluene	25.0 ppb	103.0

SPIKE RECOVERY: The % recoveries for compounds in the batch spike were from 80% to 120% with the exception of the compounds listed below:

COMPOUND	CONCENTRATION	% RECOVERY
THF	40.0 ppb	75.0

Analyst: Patrick Basile

Patrick F. Basile
Analyst, Organic Chemistry

Reviewed By: Richard F. Meyerhein

Richard F. Meyerhein 07/19/94
Supervisor, Organic Chemistry Section

spike OK for
5/15?

ORGANIC CHEMISTRY ANALYTICAL REQUEST FORM

GLD No. 0R94 2048 C

SCIENTIFIC LABORATORY DIVISION
10 CAMINO DE SALUD N.E., ALBUQUERQUE, NM 87106
Organic Chemistry Section - Telephone: (505) 841-2570

Date Received: 6-24-94
Request ID No. 089841-A
Priority Code #: 3

Request ID No.: 3
County: Los Alamos
City: Los Alamos
State: NM

Sample Location: DOME 49 BIN 11

Collector: Steve VANICAK
Date: 94/06/23
Time: 07:35 hrs.

Submitter: 550624
Organization: NMED LAIP DOE Oversight
WSS #: 10811

Name: Steven Vanicak
Phone #: 622-0448
Address: P.O. Box 1663 MS. 5993
Zip: Los Alamos NM 87545

pH:
Conductivity:
Temperature:
Chlorine Residual: mg/l
Flow:

Sample Source:
Stream
Lake
Drain
Pool
WWTP

Field Notes/Sample #:
DOME 49 BIN 11
TA-3 Soils

Sample Type:
Water
Soil
Food
Wastewater
Other
Form accompanies a single sample consisting of:
septum vial(s)
glass jugs

Preservation:
NP
P-ice
P-TS
P-HCl
Other

Analyses Requested: Please check the appropriate box(es) below to indicate the type of analytical screen(s) required.

- Volatile Screens:
(753) Aliphatic Headspace (1-5 Carbons)
(754) Aromatic & Halogenated Purgeables (EPA 601 & 602)
(765) Mass Spectrometer Purgeables (EPA 624)
(766) SDWA Total Trihalomethanes (EPA 501.1)
(774) SDWA VOC's I [8 Regulated +] (EPA 502.2)
(775) SDWA VOC's II [EDB & DBCP] (EPA 504)

- Semivolatile Screens:
(763) Acid Extractables
(751) Aliphatic Hydrocarbons
(755) Base/Neutral Extractables (EPA 625)
(756) Base/Neutral/Acid Extractables (EPA 8270)
(758) Herbicides, Chlorophenoxy Acid
(759) Herbicides, Triazines
(760) Organochlorine Pesticides
(761) Organophosphate Pesticides
(767) Polychlorinated Biphenyls (PCB's)
(764) Polynuclear Aromatic Hydrocarbons
(762) SDWA Pesticides & Herbicides

Other Specific Compounds or Classes:

Remarks: Please provide date & time of analysis
Please note information attached: Call to handle disposal of sample.