

Dennis B. Faust
EL PASO FIELD SERVICES
DEPUTY OIL & GAS INSPECTOR
PIT CLOSURE REPORT

OK

AUG 09 1999

MADDOX C WN FEDERAL COM #1E
Meter/Line ID 92009

SITE DETAILS

Approved
Legals - Twn: 30

Rng: 13

Sec: 14

Unit: P

NMOC Hazard Ranking: 0

Land Type: BLM

Operator: Conoco

PREVIOUS ACTIVITIES

Site Assessment: Mar-94

Test Excavation: April-94

A test excavation was conducted on the pit and a soil sample was collected at 5 feet beneath ground surface (bgs). The headspace soil reading from the excavation bottom was 0 ppm. Soil analytical results were as follows: benzene - <1.0 mg/kg, total BTEX - 2.84 mg/kg, and TPH (418.1) <10 mg/kg.

CONCLUSIONS

The primary source, discharge to the pit, has been removed and the pit has been closed for over four years.

Groundwater was not encountered and an analytical soil sample, collected from below the pit, was below New Mexico Oil Conservation Division standards for a pit with a hazard ranking of 0. Impact to groundwater is unlikely and no excavation of soils from the pit was required to meet closure standards. The pit was filled with clean fill dirt during final pit closure activities.

RECOMMENDATIONS

- EPFS requests closure at this site.

ATTACHMENT

Field Pit Assessment Form
Field Pit Remediation/Closure Form
Laboratory Analytical Results
Chain of Custody

RECEIVED
JUN 22 1999
OIL CON. DIV.
DIST. 3

FIELD PIT SITE ASSESSMENT FORM

GENERAL	<p>Meter: <u>92009</u> Location: <u>MADDOX C WN FEDERAL COM #1E</u></p> <p>Operator #: <u>0286</u> Operator Name: <u>CONOCO</u> P/L District: <u>KUTZ</u></p> <p>Coordinates: Letter: <u>P</u> Section <u>14</u> Township: <u>30</u> Range: <u>13</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Pit Type: Dehydrator <input checked="" type="checkbox"/> Location Drip: _____ Line Drip: _____ Other: _____</p> <p>Site Visit Date: <u>3.24.94</u> Run: <u>02</u> <u>31</u></p>
SITE ASSESSMENT	<p>NMOCD Zone: Inside _____ Land Type: BLM <input checked="" type="checkbox"/> (From NMOCD Vulnerable _____ State <input type="checkbox"/> Maps) Zone <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Outside <input type="checkbox"/> Indian _____</p> <p>Depth to Groundwater</p> <p>Less Than 50 Feet (20 points) <input type="checkbox"/> 50 Ft to 99 Ft (10 points) <input type="checkbox"/> Greater Than 100 Ft (0 points) <input checked="" type="checkbox"/></p> <p>Wellhead Protection Area :</p> <p>Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? <input type="checkbox"/> YES (20 points) <input checked="" type="checkbox"/> NO (0 points)</p> <p>Horizontal Distance to Surface Water Body</p> <p>Less Than 200 Ft (20 points) <input type="checkbox"/> 200 Ft to 1000 Ft (10 points) <input type="checkbox"/> Greater Than 1000 Ft (0 points) <input checked="" type="checkbox"/></p> <p>Name of Surface Water Body _____</p> <p>(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)</p> <p>TOTAL HAZARD RANKING SCORE: <u>0</u> POINTS</p>
REMARKS	<p>Remarks : <u>TWO PITS ON LOCATION. WILL CLOSE ONLY ONE.</u> <u>PIT IS DRY.</u></p>

ORIGINAL PIT LOCATION	<div data-bbox="652 217 1131 259" data-label="Section-Header"> <h3 style="text-align: center;">ORIGINAL PIT LOCATION</h3> </div> <div data-bbox="203 280 1604 478" data-label="Text"> <p>Original Pit : a) Degrees from North <u>3°</u> Footage to Wellhead <u>87'</u> b) Degrees from North _____ Footage to Dogleg _____ Dogleg Name _____ c) Length : <u>18'</u> Width : <u>16'</u> Depth : <u>4'</u></p> </div> <div data-bbox="211 532 1591 1138" data-label="Diagram"> </div>
	<div data-bbox="203 1202 430 1244" data-label="Section-Header"> <h3>Remarks :</h3> </div> <div data-bbox="203 1244 1604 1819" data-label="Text"> <p><u>STARTED TAKING PICTURES AT 12:56 P.M.</u> <u>END DUMP</u></p> </div>
REMARKS	<div data-bbox="203 1840 495 1883" data-label="Text"> <p>Completed By:</p> </div> <div data-bbox="349 1883 844 2010" data-label="Text"> <p><u>Robert Thompson</u> Signature</p> </div> <div data-bbox="1161 1915 1372 2010" data-label="Text"> <p><u>3-24-94</u> Date</p> </div>

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	<p>Meter: <u>42004</u> Location: <u>Maddox C. W. Federal Com #1E</u></p> <p>Coordinates: Letter: <u>P</u> Section <u>14</u> Township: <u>30</u> Range: <u>13</u></p> <p>Or Latitude _____ Longitude _____</p> <p>Date Started : <u>4-19-94</u> Area: <u>02</u> Run: <u>31</u></p>
FIELD OBSERVATIONS	<p>Sample Number(s): ⁹⁴⁰⁸²⁶ <u>VW11</u></p> <p>Sample Depth: <u>5</u> Feet</p> <p>Final PID Reading ^{NO 4-19-94} <u>5000</u> PID Reading Depth <u>5</u> Feet</p> <p>Yes No</p> <p>Groundwater Encountered <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (2) Approximate Depth <u>5</u> Feet</p>
CLOSURE	<p>Remediation Method :</p> <p>Excavation <input checked="" type="checkbox"/> (1) Approx. Cubic Yards <u>26</u></p> <p>Onsite Bioremediation <input type="checkbox"/> (2)</p> <p>Backfill Pit Without Excavation <input type="checkbox"/> (3)</p> <p>Soil Disposition:</p> <p>Envirotech <input type="checkbox"/> (1) <input checked="" type="checkbox"/> (3) Tierra</p> <p>Other Facility <input type="checkbox"/> (2) Name: _____</p> <p>Pit Closure Date: <u>4-19-94</u> Pit Closed By: <u>BEI</u></p>
REMARKS	<p>Remarks : <u>Pit was clean. Pulled sample at different intervals PID showed NO contamination. Hit sandstone at 5' pulled verification of PID but Backfill at location.</u></p>
	<p>Signature of Specialist: <u>Vick Wilson</u></p>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT
PIT CLOSURE PROJECT - Soil

changes to
outside wvz

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	VW11	940826
MTR CODE SITE NAME:	92009	N/A
SAMPLE DATE TIME (Hrs):	4/19/94	1315
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL:	4-22-94	4-22-94
DATE OF BTEX EXT. ANAL:	4/25/94	4/25/93
TYPE DESCRIPTION:	VC	Coarse Sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
BENZENE	<1.0	MG/KG	20			
TOLUENE	2.84	MG/KG	20	B		
ETHYL BENZENE	<1.0	MG/KG	20			
TOTAL XYLENES	<1.0	MG/KG	20			
TOTAL BTEX	2.84	MG/KG	0.00971		2.06	20
TPH (418.1)	<1.0	MG/KG			2.02	28
HEADSPACE PID	0	PPM				
PERCENT SOLIDS	95.7	%				

-- TPH is by EPA Method 418.1 and BTEX is by EPA Method 8020 --

The Surrogate Recovery was at 101.3 % for this sample All QA/QC was acceptable.
Narrative:

DF = Dilution Factor Used

Approved By:

John Larchi

Date:

5/17/94

File : 94082601.D01

MTR 92009

STACY SENDLER

Run : 01

Queue : SOILEXTR Set Number : 1

Type : Sample

Path : C:\CHROM

Collection : 22:40:43 Apr 25 1994 Meth(A): BETX [10:51:33 Apr 25 1994]

Integration: 22:40:43 Apr 25 1994 Meth(A): BETX [13:51:33 Apr 25 1994]

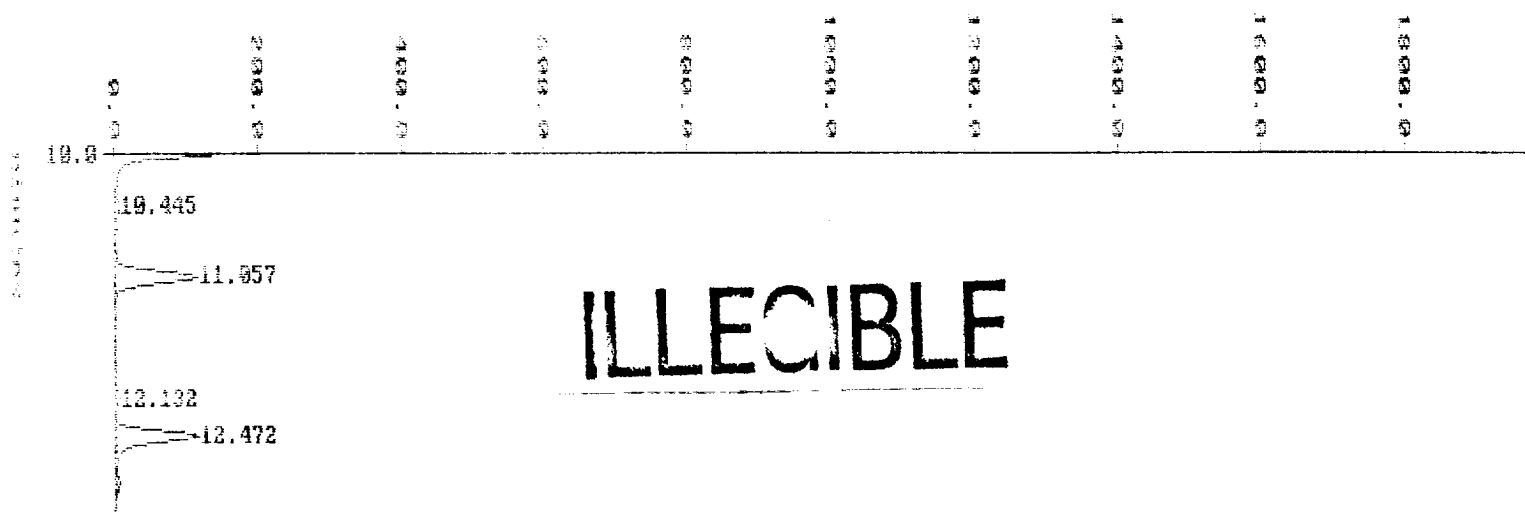
Report : 22:06:51 Apr 25 1994 Meth(A): BETX [13:51:33 Apr 25 1994]

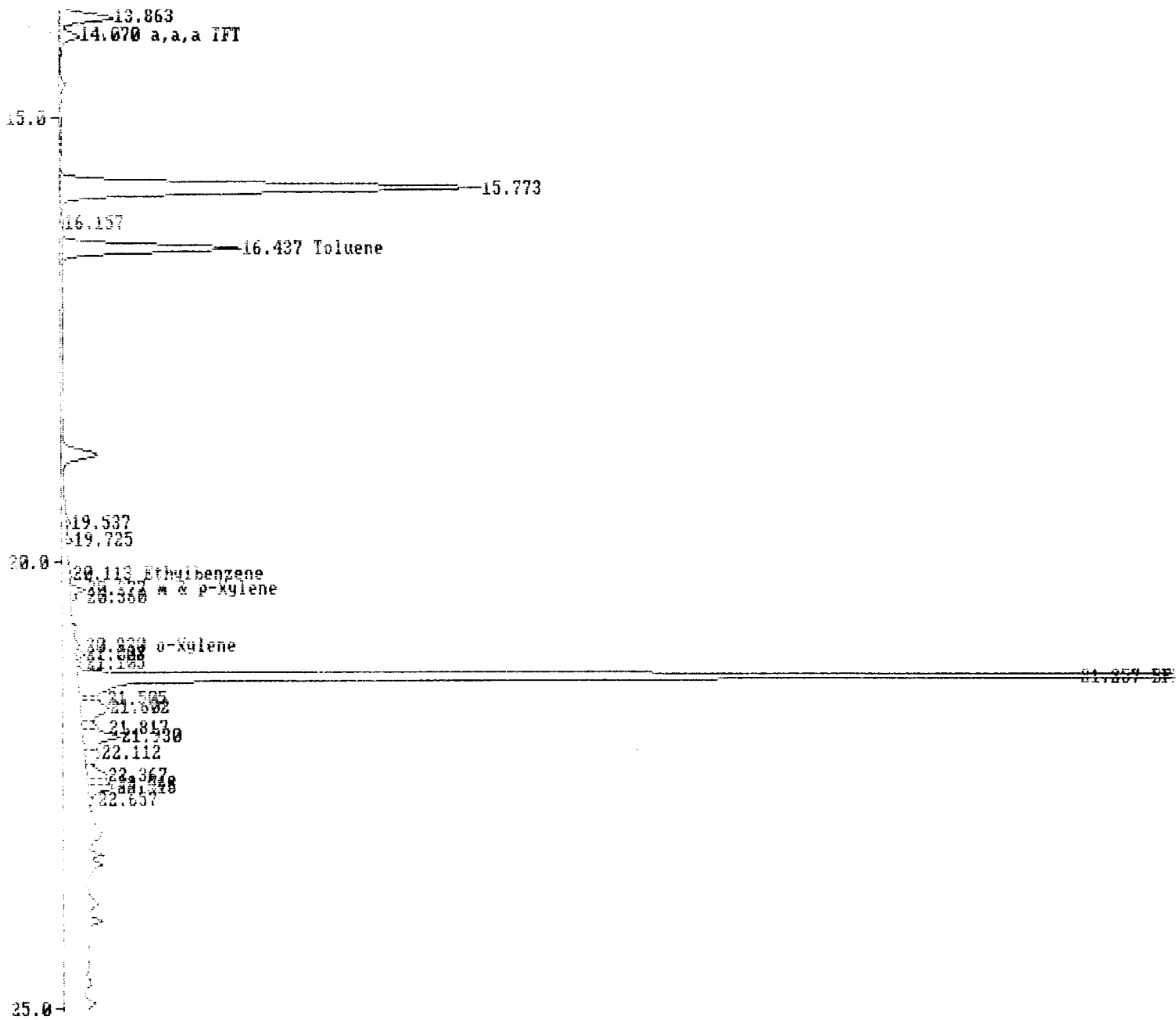
Sample Amt : 1.00000e+0 Dilution: 2.71000e-3

EXTERNAL STANDARD (AREA)

RT	Area	BC	Expct	RT	ug/L	Name
10.445	36776	V		0.00000e+0	0.0000	Unknown
11.056	823850	V		0.00000e+0	0.0000	Unknown
			11.660	9.51502e-6		Benzene
12.102	33715	T		0.00000e+0	0.0000	Unknown
12.472	825556	T		0.00000e+0	0.0000	Unknown
13.663	651926	T		0.00000e+0	0.0000	Unknown
14.070	220870		14.070	1.40634e-4	0.0016	R a.v.a TFT
15.770	5447370	T		0.00000e+0	0.0000	Unknown
16.157	35497	T		0.00000e+0	0.0000	Unknown
16.436	1951266		16.337	7.45333e-5	0.1419	Toluene <i>120 = 2.84</i>
19.537	58546	T		0.00000e+0	0.0000	Unknown
19.725	44201	T		0.00000e+0	0.0000	Unknown
20.113	39013	T	20.113	3.49524e-6	0.0021	Ethylbenzene
20.276	125824	T	20.276	-3.39765e-6	-0.0042	m & p-Xylene
20.280	30154	V		0.00000e+0	0.0000	Unknown
20.920	42003	T	20.920	1.23470e-6	0.0005	o-Xylene
21.103	70073	T		0.00000e+0	0.0000	Unknown
21.105	34153	T		0.00000e+0	0.0000	Unknown
21.256	17358824	T	21.256	3.34008e-5	0.0337	BFS
21.505	104927	T		0.00000e+0	0.0000	Unknown
21.602	309801	T		0.00000e+0	0.0000	Unknown
21.617	142102	T		0.00000e+0	0.0000	Unknown
21.930	505204	T		0.00000e+0	0.0000	Unknown
22.111	232032	T		0.00000e+0	0.0000	Unknown
22.057	272353	T		0.00000e+0	0.0000	Unknown
22.463	172276	T		0.00000e+0	0.0000	Unknown
22.515	203851	T		0.00000e+0	0.0000	Unknown
22.657	36934	V		0.00000e+0	0.0000	Unknown

(94082601.D01) MU





File : 94082601.D02

MTR 92009

STACY SENDLER

Run : 01

Queue : GCILEXTR Set Number : 1

Type : Sample

Path : C:\NCHROM

Collection : 22:40:43 Apr 25 1994 Meth(B): BETX [11:29:28 Apr 22 1994]

Integration: 22:40:43 Apr 25 1994 Meth(B): BETX [11:29:28 Apr 22 1994]

Report : 20:07:07 Apr 25 1994 Meth(B): BETX [11:29:28 Apr 22 1994]

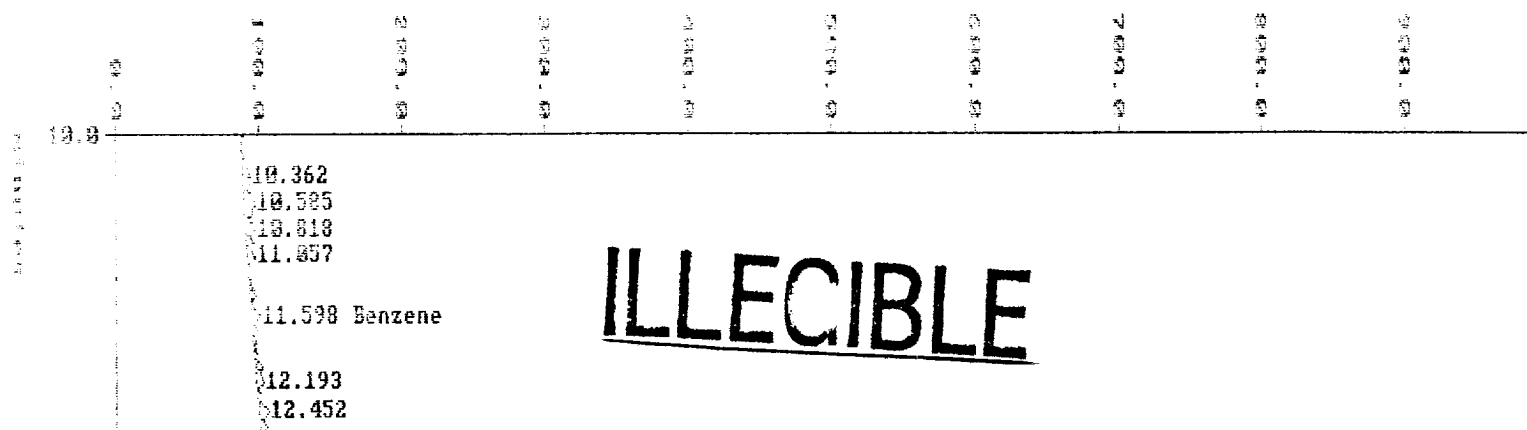
Sample Amt : 1.00000e+0

Dilution: 9.71000e-3

EXTERNAL STANDARD (AREA)

RT	Area	BC	ExpRT	RF	ug/L	Name
10.362	37212	T		0.00000e+0	0.0000	Unknown
10.585	35612	T		0.00000e+0	0.0000	Unknown
10.818	45854	T		0.00000e+0	0.0000	Unknown
11.056	32525	T		0.00000e+0	0.0000	Unknown
11.598	40737	T	11.545	2.29653e-4	0.0908	Benzene
12.193	33176	T		0.00000e+0	0.0000	Unknown
12.432	32161	T		0.00000e+0	0.0000	Unknown
12.632	59890	T		0.00000e+0	0.0000	Unknown
12.835	36878	T		0.00000e+0	0.0000	Unknown
12.985	45869	T		0.00000e+0	0.0000	Unknown
13.672	106069	T		0.00000e+0	0.0000	Unknown
14.000	45102	T	14.000	0.00000e+0	0.0000	R a,a,a TFT
15.550	37022	T		0.00000e+0	0.0000	Unknown
15.598	73947	T		0.00000e+0	0.0000	Unknown
15.778	498109	T		0.00000e+0	0.0000	Unknown
15.838	35634	T		0.00000e+0	0.0000	Unknown
16.032	45883	T		0.00000e+0	0.0000	Unknown
16.102	33295	T		0.00000e+0	0.0000	Unknown
16.460	248102	T		0.00000e+0	0.0000	Unknown
16.553	113549	T	16.559	1.54955e-4	0.1709	Toluene
16.770	60766	T		0.00000e+0	0.0000	Unknown
16.835	61835	T		0.00000e+0	0.0000	Unknown
16.995	41357	T		0.00000e+0	0.0000	Unknown
17.118	88266	T		0.00000e+0	0.0000	Unknown
17.160	36197	T		0.00000e+0	0.0000	Unknown
			20.133	1.47971e-4		Ethylbenzene
			20.252	1.42820e-4		m & p-Xylene
			20.740	1.52728e-4		o-Xylene
21.138	460354	V	21.132	4.75498e-6	0.0212	BFB
22.518	30065	V		0.00000e+0	0.0000	Unknown

(94082601.D02) AU



15.0-

13.872
14.033 a,a,a IFT

15.360
15.598
15.778
15.838
16.192
16.460 Toluene
16.720
16.780
17.180

20.0-

21.258 BFB

22.518

25.0-

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*****
Test Method for
Oil and Grease and Petroleum Hydrocarbons
in Water and Soil
Perkin-Elmer Model 1600 FT-IR
Analysis Report
*****

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94/04/22 10:15

Sample identification

940826

Initial mass of sample, g

2.020

Volume of sample after extraction, ml

28.000

Petroleum hydrocarbons, ppm

-537.197

Net absorbance of hydrocarbons (2930 cm^{-1})

-0.051

Y: Petroleum hydrocarbons spectrum

10:15

