

Firth, Jean M

From: Firth, Jean M
Sent: Monday, December 27, 2004 10:15 AM
To: Varney, Thomas W
Subject: FW: Charlotte Smith Update

FILE

Tom-

Here is a list of waste removed from the basement, garage and outside. We also disposed of the contents of 218 cylinders including about 30 bromochloromethane, 30 carbon tetrachloride, 2 sulfur dioxide and 20 acetylene.

We estimate that approximately 300 gallons of the tetrachloroethylene was lost and appears to be contained in the concrete floor. Samples of debris from the floor also showed low levels of PCBs so apparently there was a spill of that as well. Many containers were in poor condition and had leaked some were totally empty.

If you would like copies of the manifest and or results, let me know and I'll send them off to you.

Thanks for your help. If you need any more information, please let me know.

Jean

-----Original Message-----

From: Firth, Jean M
Sent: Sunday, October 10, 2004 4:19 PM
To: Hodgkins, Nick; Hyland, Mark; Niziolek, Kathy; Andolsek, Hank
Subject: Charlotte Smith Update

Hi-

I have one more week in Meddybemps to take care of the cylinders. This is what we have packaged and ready for disposal:

Waste Oil	800 g	6,400 lb
Pesticides	20 g	15 lb
Pentachlorophenol	10 g	8 lb
Calcium Hypochlorite	20 g	30 lb
Alkalines	30 g	60 lb
Oxidizer	5 g	15 lb
Nitric Acid	5 g	5 lb
Acid	55 g	100 lb
MEK peroxide	5 g	3 lb
Flammable Solid	5 g	5 lb
Poison	5 g	20 lb
Lead	20 g	100 lb
PCB Oil	5 g	20 lb
Paint in cans	(8) T-pack	6,400 lb
Flammable Liquid	(2) 55 g	720 lb
Aerosols	55 g	125 lb
Asphalt w/ Asbestos	55 g/T-pack	1,400 lb
Potassium Hydroxide	55 g	300 lb
Tetrachloroethene	(5) totes	850g 10,200 lb
Sodium Silicate	55 g	440 lb
Sodium Hypochlorite	30 g	120 lb
Chromium Dye	30 g	100 lb
40 lightbulbs		
2 bags of asbesots	70 lb	

There were also 4400 bullets which the State Police Bomb Squad already took care of. We will also have some acetylene cylinders to dispose of in early November.

We removed (239) 5 gallon cans of the leather treater (listed as tetrachlorotethene above). That should have been ~1195 gallons. of the 345 gallons missing we soaked up some with speedy dry and the saturated debris was removed. I figure we are missing between 200-300 gallons.

The FID levels in the basement after we shut off the fans was ~150 ppm. I think we should not allow anyone in the house again until the levels in the house can be assessed. I will not have the FID with me this week. Therefore, if Dawn shows up to get into the house again I won't let her in. We will also have to determine what levels would be safe and how we go about evaluating this. There obviously needs to be further investigation in the basement. This should be conducted with respiratory protection.

See you on the 18th

Jean



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 PO Box 1107
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Report Number: 52715

Revision: Rev. 0

Re: EMP 104-04

Enclosed are the results of the analyses on your sample(s). Samples were received on 30 September 2004 and analyzed for the tests listed below. Samples were received in acceptable condition, with the exceptions noted below or on the chain of custody. The results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report. Please see individual reports for specific methodologies and references.

Lab Number	Sample Date	Station Location	Analysis	Comments
52715-1	09/28/04	BASEMENT	EPA 8082 (PCBs only)	
	09/28/04	BASEMENT	EPA 8260 Volatile Organics	
52715-2	09/28/04	OIL-1	EPA 8082 (PCB's only)	
52715-3	09/28/04	OIL-2	EPA 8082 (PCB's only)	
52715-4	09/28/04	OIL-3	Electronic Data Deliverable	
	09/28/04	OIL-3	EPA 8082 (PCB's only)	

Sample Receipt Exceptions: None

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, North Carolina, Virginia, Pennsylvania and is validated by the U.S. Army Corps of Engineers (MRD) and U.S. Navy (NFESC). A list of actual certified parameters is available upon request.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Authorized signature

Stephen L. Knollmeyer
 Stephen L. Knollmeyer Lab. Director

Date

10/5/2004

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Post-It Fax Note	7671	Date	10/5/04	# of Pages	7
To	From	Co.	Phone #	Fax #	

1/1



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October 5, 2004

SAMPLE DATA

CLIENT SAMPLE ID

Project Name: EMP 104-04

Project Number:

Field Sample ID: BASEMENT

Lab Sample ID: 52715-1

Matrix: Solid

Percent Solid: 48

Dilution Factor: 196

Collection Date: 09/28/04

Lab Receipt Date: 09/30/04

Analysis Date: 10/04/04

ANALYTICAL RESULTS VOLATILE ORGANICS					
COMPOUND	Quantitation Limit µg/kg	Result µg/kg	COMPOUND	Quantitation Limit µg/kg	Result µg/kg
Benzene	196	U	1,3-Dichloropropane	196	U
Bromobenzene	196	U	cis-1,3-Dichloropropene	196	U
Bromochloromethane	196	U	trans-1,3-Dichloropropene	196	U
Bromodichloromethane	147	U	2,2-Dichloropropane	196	U
Bromoform	147	U	1,1-Dichloropropene	196	U
Bromomethane	196	U	Ethylbenzene	196	U
n-butylbenzene	196	U	Hexachlorobutadiene	196	U
sec-butylbenzene	196	U	Isopropylbenzene	196	U
tert-butylbenzene	196	U	p-isopropyltoluene	196	U
Carbon Tetrachloride	196	U	Methylene Chloride	982	U
Chlorobenzene	196	U	Methyl-tert-butyl ether (MTBE)	196	U
Chloroethane	196	U	Naphthalene	196	U
Chloroform	147	U	n-Propylbenzene	196	U
Chloromethane	196	U	Styrene	196	U
2-Chlorotoluene	196	U	1,1,1,2-Tetrachloroethane	196	U
4-Chlorotoluene	196	U	1,1,2,2-Tetrachloroethane	147	U
Dibromochloromethane	147	U	Tetrachloroethene	196	353
1,2-Dibromo-3-chloropropane	196	U	Toluene	196	U
1,2-Dibromoethane	147	U	1,2,3-Trichlorobenzene	196	U
Dibromomethane	196	U	1,2,4-Trichlorobenzene	196	U
1,2-Dichlorobenzene	196	U	1,1,1-Trichloroethane	196	U
1,3-Dichlorobenzene	196	U	1,1,2-Trichloroethane	147	U
1,4-Dichlorobenzene	196	U	Trichloroethene	196	U
Dichlorodifluoromethane	196	U	Trichlorofluoromethane	196	U
1,1-Dichloroethane	196	U	1,2,3-Trichloropropane	196	U
1,2-Dichloroethane	147	U	1,2,4-Trimethylbenzene	196	U
1,1-Dichloroethene	147	U	1,3,5-Trimethylbenzene	196	U
cis-1,2-Dichloroethene	196	U	Vinyl Chloride	196	U
trans-1,2-Dichloroethene	196	U	o-Xylene	196	U
1,2-Dichloropropane	147	U	m,p-Xylene	196	U
Acetone	1960	U	Diethyl ether	196	U
Carbon Disulfide	196	U	2-Hexanone	1960	U
Tetrahydrofuran	982	U	Methyl isobutyl ketone	1960	U
Methyl ethyl ketone	1960	U	Di-isopropyl ether (DIPE)	196	U
t-Butyl alcohol (TBA)	3930	U	Ethyl t-butyl ether (ETBE)	196	U
n-Propyl alcohol (TAME)	196	U			
Surrogate Standard Recovery					
Dibromofluoromethane	60 ± %	d4-1,2-Dichloroethane	62 ± %	d8-Toluene	63 ± %
				Bromofluorobenzene	59 ± %
U=Undetected	I=Estimated	E=Exceeds Calibration Range	B=Detected in Blank		

METHODLOGY: Sample analysis was conducted according to: Test Methods for Evaluating Solid Waste, SW-846 Method 8260B.

COMMENTS: Results are expressed on a dry weight basis. Sample was not collected in accordance with SW-846 method 303.1A. *Sample had low recoveries for numerous compounds in the MS/MSD and low surrogate recoveries due to high moisture content in the sample. The laboratory control samples were in control for all analytes except Bromomethane and Chloroethane.

8260 Rev 10/01

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October 5, 2004

SAMPLE DATA**CLIENT SAMPLE ID**

Project Name: EMP 104-04

Project Number:

Field Sample ID: BASEMENT

Lab Sample ID: S2715-1
 Matrix: Solid
 Percent Solid: 48
 Dilution Factor: 2.0
 Collection Date: 09/28/04
 Lab Receipt Date: 09/30/04
 Extraction Date: 10/04/04
 Analysis Date: 10/04/04

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	30	U
PCB-1221	30	U
PCB-1232	30	U
PCB-1242	30	U
PCB-1248	30	U
PCB-1254	30	U
PCB-1260	30	745
Surrogate Standard Recovery		
2,4,5,6-Tetrachloro-m-xylene	58 %	
Decachlorobiphenyl	47 %	
U=Undetected I=Estimated E=Exceeds Calibration Range B=Detected in Blank		

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8062.

COMMENTS: Sample preparation conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 3545.
 Results are expressed on a dry weight basis.

PCB Report

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October 5, 2004

SAMPLE DATACLIENT SAMPLE ID

Project Name: EMP 104-04

Project Number:

Field Sample ID: OIL-1

Lab Sample ID: 52715-2
Matrix: Oil
Percent Solid: N/A
Dilution Factor: 4.2
Collection Date: 09/28/04
Lab Receipt Date: 09/30/04
Extraction Date: 10/04/04
Analysis Date: 10/05/04

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	840	U
PCB-1221	840	U
PCB-1232	840	U
PCB-1242	840	U
PCB-1248	840	U
PCB-1254	840	U
PCB-1260	840	U
<u>Surrogate Standard Recovery</u>		
2,4,5,6-Tetrachloro-m-xylene	79 %	
Decachlorobiphenyl	66 %	
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank		

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8081/82.

COMMENTS: Sample not amenable to percent solids determination. Results are expressed on an as received basis.

P-201 Report

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October 5, 2004

SAMPLE DATA**CLIENT SAMPLE ID**

Project Name: EMP 104-04

Project Number:

Field Sample ID: OIL-2

Lab Sample ID: 52715-3
Matrix: Oil
Percent Solid: N/A
Dilution Factor: 4.8
Collection Date: 09/28/04
Lab Receipt Date: 09/30/04
Extraction Date: 10/04/04
Analysis Date: 10/05/04

PCB ANALYTICAL RESULTS		
COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	960	U
PCB-1221	960	U
PCB-1232	960	U
PCB-1242	960	U
PCB-1248	960	U
PCB-1254	960	U
PCB-1260	960	1670
<u>Surrogate Standard Recovery</u>		
2,4,5,6-Tetrachloro-m-xylene	79 %	
Dicachlorobiphenyl	71 %	
U=Undetected J=Estimated E=Exceeds Calibration Range B=Detected in Blank		

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8081/82.

COMMENTS: Sample not amenable to percent solids determination. Results are expressed on an as received basis.

PCB Report

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October 5, 2004

SAMPLE DATACLIENT SAMPLE ID

Project Name: EMP 104-04

Project Number:

Field Sample ID: OIL-3

Lab Sample ID: 52715-4
 Matrix: OIL
 Percent Solid: N/A
 Dilution Factor: 5.0
 Collection Date: 09/28/04
 Lab Receipt Date: 09/30/04
 Extraction Date: 10/04/04
 Analysis Date: 10/05/04

PCB ANALYTICAL RESULTS

COMPOUND	Quantitation Limit µg/kg	Results µg/kg
PCB-1016	1000	U
PCB-1221	1000	U
PCB-1232	1000	U
PCB-1242	1000	U
PCB-1248	1000	U
PCB-1254	1000	U
PCB-1260	1000	U
<u>Surrogate Standard Recovery</u>		
2,4,5,6-Tetrachloro-m-xylene	79 %	
Decachlorobiphenyl	74 %	
U=Undetected I=Estimated E=Exceeds Calibration Range B=Detected in Blank		

METHODOLOGY: Sample analysis conducted according to Test Methods for Evaluating Solid Waste, SW-846 Method 8081/82.

COMMENTS:

PCB Report

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One Main Street Yarmouth, Maine 04096-6716 (207) 846-6569 Fax: (207) 846-9066

FAR 3 / E-MAIL

PURCHASE ORDER # / BILL TO

FREE \$5

SAVAP1 PTA NAME

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION		SAMPLE MATRIX	GRAB	COMP.	METHOD PRESERVED	SAMPLING		VOC	PCB	LABORATORY IDENTIFICATION/ SUBCONTRACTOR
			YES	NO					DATE	TIME			
Basement	1	G		X	Soil			4/c	9/28/94	1400	X	X	5275-1
Oil-1	1	G		X	Oil			4/c	9/28/94	1000	X	X	2
Oil-2	1	G		X						1030	X	X	3
Oil-3	1	G		X						1100	X	X	4

LABORATORY REPORT

Delivered by

TURNAROUND REQUEST

Standard

~~Security ISURCMAR~~

Quir's # _____

**LABORATORY
IDENTIFICATION/
SUBCONTRACTOR**

52715-1

N

kw

13

COMMENTS PCBs may have high levels - within

Need DEIP EDD

Project name: Meddybeings

RECEIVED BY:

RECEIVED BY:

RECEIVED BY LABORATORY

C-03