



PRECISION

Industrial Maintenance, Inc.

WASTE MANAGEMENT
DIVISION

NOV 7 10 19 AM '95

State Of Vermont Waste Management Division
Sites Management Section
103 South Main Street
Waterbury, Vermont 05671-0404

Re: Soil stockpiled at The Inn at Ormsby Hill. The stockpiled soils on site are the result of a fuel oil tank removal.

Dear Sites Management Section,

This letter is regarding the disposal of fuel oil contaminated soils at the Inn at Ormsby Hill. The soil was left poly-encapsulated on site, and spread in an 8 to 12 inch layer. The owner was instructed to open up the poly on sunny, and warm days, and cover up the soil during inclement weather.

Two composite samples were taken from the stockpile on October 14, 1996, and analyzed by EPA method TPH modified 8100. The analytical results received were non detect for the compounds detected during the tank removal.

It is my recommendation that the soil be spread out on site, and this site removed from the Vermont State list of hazardous waste sites. If you have any questions, please call me at (802) 747-4444.

Sincerely,

Chris Kilburn

cc: Ted Sprague; Inn at Ormsby Hill

Providing Quality Industrial and Environmental Services

226 Broadway, Schenectady, NY 12305 • (518) 346-5800 • (Fax) 346-6077
P.O. Box 1791, Rutland, VT 05701 • (802) 747-4444



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (203) 645-1102 Fax (203) 645-0823

Analysis Report

October 10, 1996

FOR: Attn: Mr. Chris Kilburn
Precision Industrial Maint.
P.O. Box 2047
Scotia, NY 12302

Sample Information

Matrix: SOLID
Location Code: PREINDST
Project Code:
P.O. #: 96179

Custody Information

Collected by: C.K.
Received by: LC
Validated by: BP
Analyzed by: see below

Date

10/02/96
10/04/96
10/09/96

Time

08:00
09:30

Laboratory Data

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Client ID: PROJECT: ORMSBY HILL OH#1

Phoenix I.D.: AB16256

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Date</u>	<u>by</u>	<u>Reference</u>
Extraction of TPH MOD 8100 SM	Completed			10/04/96	TR	3550/5030
*****TPH by GC (Extractable Products)*****						
Fuel Oil#2 / Diesel Fuel	ND	10	mg/kg	10/09/96	JD	8100Modified
Fuel Oil #4	ND	10	mg/kg	10/09/96	JD	8100Modified
Fuel Oil #6	ND	10	mg/kg	10/09/96	JD	8100Modified
Motor Oil	ND	10	mg/kg	10/09/96	JD	8100Modified
Aviation Fuel / Kerosene	ND	10	mg/kg	10/09/96	JD	8100Modified
Other Oil (Cutting & Lubricating Oil)	ND	10	mg/kg	10/09/96	JD	8100Modified
Unidentified	ND	10	mg/kg	10/09/96	JD	8100Modified

Comments

ND = Not detected MDL = Minimum Detectable Level BDL = Below Detection Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber, Laboratory Director
October 10, 1996



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Analysis Report
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FOR: Attn: Mr. Chris Kilburn
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P.O. Box 2047
Scotia, NY 12302

<u>Sample Information</u>	<u>Custody Information</u>	<u>Date</u>	<u>Time</u>
Matrix: SOLID	Collected by: C.K.	10/02/96	08:00
Location Code: PREINDST	Received by: LC	10/04/96	09:30
Project Code:	Validated by: BP	10/09/96	
P.O. #: 96179	Analyzed by: see below		

Laboratory Data

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Client ID: PROJECT: ORMSBY HILL OH#2

Phoenix I.D.: AB16257

<u>Parameter</u>	<u>Result</u>	<u>MDL</u>	<u>Units</u>	<u>Date</u>	<u>by</u>	<u>Reference</u>
Extraction of TPH MOD 8100 SM	Completed			10/04/96	TR	3550/5030
<u>*****TPH by GC (Extractable Products)*****</u>						
Fuel Oil#2 / Diesel Fuel	ND	10	mg/kg	10/09/96	JD	8100Modified
Fuel Oil #4	ND	10	mg/kg	10/09/96	JD	8100Modified
Fuel Oil #6	ND	10	mg/kg	10/09/96	JD	8100Modified
Motor Oil	ND	10	mg/kg	10/09/96	JD	8100Modified
Aviation Fuel / Kerosene	ND	10	mg/kg	10/09/96	JD	8100Modified
Other Oil (Cutting & Lubricating Oil)	ND	10	mg/kg	10/09/96	JD	8100Modified
Unidentified	ND	10	mg/kg	10/09/96	JD	8100Modified

Comments

ND = Not detected MDL = Minimum Detectable Level BDL = Below Detection Limit

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber, Laboratory Director
October 10, 1996

Tank Closure Report

Inn at Ormsby Hill

Route 7a

Manchester Vt 05255

Prepared By: Precision Industrial Maintenance Inc.
P.O. Box 1791
Rutland Vt 05701

SITE INFORMATION

Tank Owner: Inn at Ormsby Hill
RR #2 Box 3264
Manchester Center Vt 05255

Contact: Ted Sprague
(802) 362-1163

Tank Location: Inn at Ormsby Hill
RR #2 Box 3264
Manchester Center Vt 05255

Tank Information: 2,000 gallon #2 fuel oil
Single wall welded steel
Approximate Age - 10 years
Condition - Good

The site is located on the east side of Route 7a approximately 2 miles South of Manchester.

SITE HISTORY:

The tank was installed approximately 10 years ago for the purpose of heating oil supply to the furnace. A combination of propane, and a 275 gallon basement installed heating oil tank will replace the removed tank.

SUMMARY:

The tank was buried 1.5 feet below grade under a mix of crushed gravel, and clay. PID headspace readings were taken from above, around, and below the tank. The peak reading was 15.1 ppm, this was from around the area where the fill pipe connects to the tank. The only contamination noted on this site was on top of the tank, and down the West side of the tank. The deepest that contamination was noted was on the surface of the tank, half way down the side at 3 feet below grade level (bgl). At the 3 foot bgl the PID reading were 0.8 ppm. This was most likely due to migration from the fill pipe area. The three (3) samples screened from below the tank all read 0.0 ppm. the contaminated soils amounted to 2-3 cubic yards, and were poly-encapsulated on site. A visual inspection of the outside of the tank revealed no holes, and was

noted to be in good condition. At the time of this report no tank entry had been performed so an inspection of the inside of the tank was not possible. It should be noted Precision Industrial Maintenance Inc. was contracted to perform an assessment only, on this site.

CONCLUSION:

The contamination which we found on site is consistent with #2 fuel oil. The concentration of the contamination was directly around the fill pipe connection to the tank, with PID readings decreasing away from the fill pipe area. No contamination was noted below the tank, and all contaminated soils were stockpiled on site. Since no ground water was encountered on site, I believe that there is no need for further investigation. The stockpiled soils are encapsulated on site, and pose no threat to the environment, or the public. Periodic monitoring should be done to ensure degradation of the petroleum products in the soils, until they reach an acceptable levels the site can be maintained by the current owner of the property, or his chosen contractor.

SAMPLE	LOCATION	PID READINGS(ppm)
#1	Around fill pipe connection	15.1
#2	Around vent pipe connection	00.0
#3	2 feet North of the fill pipe	09.7
#4	West side of tank (3' bgl)	00.8
#5	Under South side of tank	00.0
#6	Under middle of tank	00.0
#7	Under North side of tank	00.0
#8	East side of tank	00.0

Please note that sample #8 could not be taken until the tank was removed because of the close proximity of the septic tank.