

diversified environmental services, inc.

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June 18, 2001

Mr. Edward McCarty
20 Station Road
Brookfield, Connecticut 06804

RE: Soil Excavation Program
20 Station Road, Brookfield, Connecticut
DES Project No. 1275

Dear Mr. McCarty:

Diversified Environmental Services, Inc. (DES) is pleased to submit this letter report detailing the results of the soil excavation program conducted at the 20 Station Road property in Brookfield, Connecticut. The layout of the site is shown on Figure 1, included in Attachment A.

1.0 INTRODUCTION

The site has been used for residential and commercial purposes since its development in 1945. Prior to that the site was used as farmland. A dry cleaner was located on-site during the 1960s and 1970s and was located in the northwest portion of the site building. Virgin dry cleaning solvent, tetrachloroethylene (PCE) was stored in unknown quantities and waste PCE was reportedly stored in two 55-gallon subgrade steel drums that were installed at an unknown date. These steel drums were piped together and reportedly tied into the dry cleaning machine.

The site building is heated by liquefied propane (LP) and electricity. The building was formerly heated by fuel oil. The heating oil was formerly stored in a 275-gallon aboveground storage tank (AST) and 550-gallon AST located on the north side of the building. The 275-gallon AST was removed in March 1997 and the 550-gallon AST is still located on-site and not used. Heating oil was also formerly stored in a 550-gallon underground storage tank (UST) located on the west side of the building. In November 1998 the UST was removed from the subject site. Soil samples were collected from the UST grave and submitted for analysis of total petroleum hydrocarbons (TPH) by EPA Method 418.1 and volatile organic compounds (VOC) by EPA Method 8260. The results of the analysis showed elevated levels of benzene, toluene, ethyl benzene and xylenes (BTEX) constituents above applicable soil standards. In addition, a sample of liquid was collected from within the UST which contained BTEX constituents. Duplicate samples collected by the CTDEP indicated the presence of PCE in the soil above the Pollutant Mobility Criteria (PMC).

The site previously used an on-site septic system for sewage disposal which is located on the northeastern side of the building. The leaching fields were reportedly located on the northeast side of the building. In 1997, the septic tank and four associated dry wells were removed with a subsequent connection to the sanitary sewer system. The on-site septic system had been used for sewage disposal from the date of construction until the connection to the sanitary sewer system.

In June 1998, the CTDEP collected a water sample from a tap at the site. Laboratory analysis showed a concentration of PCE of 150 micrograms per liter (ug/l) and trichloroethylene (TCE) of 10 ug/l. A granular activated carbon (GAC) filtration system was subsequently installed at the site and water samples were collected by the CTDEP after water passed through the filtration system and were submitted for laboratory testing of VOCs. The results indicated non-detectable concentrations of halogenated VOCs after passing through the treatment system.

In addition to the 20 Station Road property, water samples collected from approximately 27 residences and businesses located to the west have been collected since March 1998 to monitor the presence of VOCs in the drinking water. Approximately ten of these properties have had elevated levels of halogenated and/or aromatic VOCs in their drinking water supply. GAC filtration systems have been installed at these residences.

In April 1998, the CTDEP Water Management Bureau installed a total of eight borings on the subject site using its Geoprobe SES. Bedrock was encountered at depths of 8 to 11 feet below ground surface (fbgs). The borings were finished with 0.75" piezometers ranging in depth from 8 to 11 fbgs. Groundwater samples were collected from the piezometers and field screened with a Photovac GC PID. Results of the field screening indicated levels of chlorinated solvents ranging from 1.4 parts per billion (ppb) to 140,000 ppb (GP- 7) in the groundwater samples and 120 ug/l to 1,700 ug/l (GP- 7) in the soil samples. In addition, water samples were collected from the potable wells, sumps, tanks and sludge seeps and soil samples were collected from a tank grave and floor sump. The samples were submitted to the State of Connecticut Department of Health laboratory for analysis of VOCs by EPA Method 624. The results of the analysis indicated the highest concentrations of PCE were in the groundwater collected from GP-8 (48,000 ug/l), located just to the north of the former dry cleaning tenant space, and in the PCE UST (1,617,500,000 ug/l). The PCE UST is one of the subgrade 55 gallon drums located in the northwestern portion of the building that was used to collect waste PCE.

In November 2000, DES performed a subsurface investigation that consisted of the installation of twenty-two soil borings, seven of which were finished with groundwater monitoring wells and sixteen shallow borings beneath the former dry cleaning tenant space. A total of 120 soil samples, two surface water samples, two potable well samples and seven groundwater samples were collected during the investigation. Thirty of the soil samples were submitted to a laboratory for analysis of VOCs by EPA Method 8260 and two for ETPH. All of the surface water and groundwater samples were submitted for analysis of VOCs by EPA Method 8260, with one groundwater sample for ETPH. The two potable well samples were submitted for analysis of VOCs by EPA Method 524.2. The results of the soil analysis indicated three of the soil samples collected from beneath the former dry cleaning tenant space, contained concentrations of PCE above the PMC of 0.1 mg/kg for PCE but below the RDEC of 12 mg/kg for PCE. PCE was detected in 3 of the other sub floor samples (SB-6 (2-4), SB-10 (2-4) and SB-16 (0-2)) below the RDEC and PMC. The remaining sub floor soil samples contained concentrations of VOCs below laboratory detection limits. Two soil samples collected immediately to the north of the dry cleaning tenant space contained concentrations of PCE which were above the PMC but below the RDEC. The remaining soil samples collected from the exterior of the property contained concentrations of VOCs below laboratory detection limits or applicable standards. The results of the groundwater analysis showed concentrations of PCE in monitoring wells MW-4 and MW-5, located to the west and northwest of the former dry cleaning tenant space, of 4,800 ug/l and 5,900

ug/l, respectively which are above the GPC (5 ug/l), RVC (1500 ug/l) and SWPC (88 ug/l). PCE was also detected in groundwater samples MW-6 and MW-7, located to the north and northwest of the former dry cleaning tenant space, at concentrations of 23 ug/l and 6 ug/l which are above the GPC but below the RVC and SWPC. The remainder of the groundwater samples contained concentrations of PCE below applicable groundwater standards or laboratory detection limits. Monitoring wells MW-2, and MW-4 through MW-7 contained concentrations of other chlorinated solvents commonly seen in the dechlorination process of PCE above the respective groundwater standards (GPC and RVC). The analytes included trichloroethylene, 1,1,1-trichloroethane, 1,2-dichloroethylene, 1,1-dichloroethane, chloroethane and vinyl chloride. The two water samples collected from the on-site potable wells contained concentrations of PCE and TCE that exceeded the respective MCL and GPC for those compounds. Four other VOCs were detected below the laboratory detection limits or the MCL and GPC. No VOCs were detected in either of the surface water samples collected from the wetlands on the northern portion of the property.

In October 2001, DES installed six soil borings, finished with groundwater monitoring wells and collected a total of ten soil samples to delineate the extent of PCE contamination. Ten soil samples were collected. Four of the soil samples and all of the groundwater samples were submitted to a laboratory for analysis of VOCs by EPA Method 8260 with MTBE. The concentration of PCE in soil sample MW-11 (0'-2') exceeded the PMC of 0.1 mg/kg for PCE but was well below the RDEC for PCE of 12 mg/kg. This soil sample was collected to the west of the former dry cleaning tenant space. None of the other soil samples contained concentrations of PCE or other VOCs above applicable soil standards or laboratory detection limits. The results of the groundwater analysis showed concentrations of PCE in all of the groundwater samples collected from the monitoring wells, with the exception of MW-2 and MW-3a, ranging from 2 ug/l to 8500 ug/l. Six of the wells (MW-5, MW-6 and MW-8 through MW-11) contained concentration of PCE above the GPC of 5 ug/l for PCE. Four of the wells (MW-5, MW-6, MW-10 and MW-11) contained concentrations of PCE above the SWPC for PCE of 88 ug/l. Two of the wells (MW-5 and MW-11) contained concentrations of PCE above the RVC of 1500 ug/l for PCE. TCE was detected in MW-5, MW-6, MW-9, MW-10 and MW-11 at concentrations of 530 ug/l, 240 ug/l, 7 ug/l, 42 ug/l and 230 ug/l, respectively, which are all above the GWPC of 5 ug/l for TCE. The concentrations of TCE in MW-5, MW-6 and MW-11 exceeded the RVC of 219 ug/l. Cis-1,2-Dichloroethylene was detected in all of the groundwater monitoring wells, with the exception of MW-1a, MW-2 and MW-3a ranging from 1 ug/l to 270 ug/l. The concentrations of cis-1,2-Dichloroethylene in MW-5, MW-6 and MW-11 exceeded the GPC of 70 ug/l. Monitoring well MW-5 contained 130 ug/l of chloroform which is above the GPC of 6 ug/l for chloroform but below the RVC (14,100 ug/l) and SWPC (287 ug/l) for chloroform. The highest HVOC concentrations in the groundwater are located immediately to the west and northwest, downgradient, of the former dry cleaning tenant space. Groundwater was determined to be flowing in a northwesterly direction with northerly and westerly flow components. The areal extent of the groundwater contamination was determined to flow off of the western property line. The report concluded, PCE impacted soil exists under the northwest portion of the building in the former dry cleaning tenant space and appear to be a continuing source of contamination, PCE impacted soil is also located immediately to the north and west of the former dry cleaning tenant space, and the groundwater in the shallow aquifer (MW-5, MW-6 and MW-8 through MW-11 located to the west and northwest of the former dry cleaning tenant space) contains concentrations of PCE that exceeds applicable groundwater standards by orders of magnitude. Other halogenated compounds commonly seen in the dechlorination process of PCE were detected above standards. The plume extends to the western property boundary and migrates off-site.

The site is located in an area that has been assigned a "GA" groundwater classification by the CTDEP. GA classification groundwaters are described as within the area of influence of private and potential public water supply wells. The water is presumed suitable for direct human consumption without the need for treatment.

2.0 SOIL EXCAVATION

DES provided oversight for excavation of the contaminated soils from three locations on-site. The field work was performed from December 2001 through May 2002. The areas excavated included the interior of the northwestern portion of the building, the area to the north of the building and an area to the west of the building. Excavating activities were performed by Mr. McCarty and his staff. Mr. Tony Bobowicz, of the CTDEP, was on-site on March 13, 2002 to inspect soil remediation activities.

Excavated soils and all confirmatory soil samples were screened with a field-calibrated photo-ionization detector (PID) fitted with a 11.7 e.V. lamp to evaluate for the presence of organic compounds. Briefly, a PID is a field screening instrument that is capable of detecting volatile organic compounds. It is a field screening instrument only and does not provide absolute values for compounds.

2.1 Interior Portion of Building (Former Dry Cleaning Tenant Space)

Two separate areas of contamination under the slab were excavated from the interior portion of the building. The areas were saw cut and the concrete floor was removed. Two subgrade rusted 55-gallon drums were removed from the northeastern corner of the dry cleaning tenant space. The drums were rusted and in poor condition. Several 0.5 to 3 inch holes were observed in the drums.

Excavation activities were initiated in the northern-most portion of the building and extended in southerly and westerly direction. The soils encountered consisted of gray-brown fine sand and gravel and contained a mild solvent odor. Groundwater was not encountered in the excavation. The size of the completed excavation was 20.5' wide x 10' long x 6' deep. Five confirmation soil samples were collected from the excavation, SS-1 through SS-5.

The southern interior excavation was saw-cut and the concrete was removed. Excavation activities were initiated on the northern portion of that excavation and extended in southerly and direction. The soils encountered consisted of gray-brown fine sand and gravel and contained a mild solvent odor. Groundwater was not encountered in the excavation. The size of the completed excavation was 5' wide x 6.5' long x 6' deep. Five confirmation soil samples were collected from the excavation, SS-6 through SS-10.

2.2 North Side of the Building

Excavation activities were initiated in the eastern portion of the excavation and extended in a westerly direction. The soils encountered consisted of brown fine sand and contained a mild solvent odor. Excavation continued until no visual evidence of contamination, odor or PID response was encountered in any of the soils that remained in the north, west and east sides of the excavation. An area of impacted soil was not excavated from under the building footing which extends 1.5 feet in a northerly direction from the building. This material could not be excavated because it would have undermined the building if removed. Groundwater was encountered in the excavation at 4 feet below ground surface.

The size of the completed excavation was 22' wide x 29' long x 5' deep. Six confirmation soil samples were collected from the excavation, SS-11 through SS-15. One groundwater sample (GW) was collected from the groundwater after it seeped into the excavation.

2.3 West Side of the Building

Excavation activities were initiated in the central portion of the excavation and extended in a northerly and southerly direction. Bedrock was encountered in the northern portion of the excavation at approximately 4.5 fbs. The soils encountered consisted of gray-brown fine sand and contained a mild solvent odor. Excavation continued until no visual evidence of contamination, odor or PID response was encountered in any of the soils that remained in the excavation. Groundwater was not encountered in the excavation.

The size of the completed excavation was 17' wide x 16' long x 8' deep in the southern portion of the excavation and 4.5 feet deep in the northern portion of the excavation. Five confirmation soil samples were collected from the excavation, SS-17 through SS-21.

The excavations were backfilled with soils provided by Mr. McCarty. All of the soils exhumed from the excavations and the 55 gallon drums were stockpiled and placed on and covered by 6 mil polyethylene sheeting pending off-site disposal. Three characterization samples, collected from the three different stockpiled areas, were collected directly from the stockpile for disposal purposes. All of the soil samples were collected directly into new glass jars with teflon septa, logged on a chain of custody document and maintained in a chilled environment until delivery to a laboratory. The excavation locations are shown on Figure 2 and the confirmation sample locations are shown on Figure 3.

3.0 VENTING SYSTEM

A passive venting system was installed 3.5 feet below the ground surface in the interior excavation and the exterior excavation along the north wall of the building, to remove residual contamination from beneath the building footing. The venting system consists of 4 inch perforated pipe laid over 6 inches of gravel and covered by 12 inches of gravel and filter fabric. The interior and exterior venting systems are tied together and vent to above the roofline of the building. The details of the venting system are shown on Figure 4. The excavations were backfilled with soils provided by Mr. McCarty.

4.0 LABORATORY ANALYSIS

4.1 Laboratory Analytical Methods

The samples were submitted to York Analytical Laboratories, Inc. (York) of Stamford, Connecticut on December 13 and 20, 2001 and May 22 and June 5, 2002. All of the soil samples and the groundwater sample were submitted for analysis of volatile organic compounds (VOC) by EPA Method 8260.

The characterization samples were submitted for analysis of total petroleum hydrocarbons (TPH) by EPA Method 418.1, polychlorinated biphenyls (PCB) by EPA Method 8080, volatile organic

compounds by EPA Method 8260, ignitability, corrosivity, reactivity, free liquid, TCLP for RCRA 8 metals and total cadmium, and mercury.

Holding times were observed for all analysis performed. A copy of the laboratory reports and chain of custody documents are included in Attachment B.

4.2 CTDEP Remediation Standard Regulations

The analytical results for the confirmation soil samples were compared to the Residential Direct Exposure Criteria (RDEC) and the "GA" Pollutant Mobility Criteria (PMC) established in Section 22a-133k-2 of the Remediation Standard Regulations (RSRs).

The analytical results for the groundwater sample was compared to the Groundwater Protection Criteria (GPC) for "GA" classified groundwater areas, the Surface Water Protection Criteria (SWP) and the Residential Volatilization Criteria (RVC) established in Section 22a-133k-3 of the RSRs.

4.3 Results of Soil Analysis

The results of the analysis indicated detectable concentrations of PCE in fifteen of the soil samples collected ranging from 0.005 mg/kg in SS-10 to 0.52 mg/kg in SS-2. Three of the soil samples contained concentrations of PCE above the 0.1 mg/kg PMC. One of the soil samples contained a concentration of PCE equal to the PMC. The three soil samples, SS-2, SS-4, and SS-5 with concentrations above the PMC were collected from the main excavation inside the building and contained PCE concentrations of 0.52 mg/kg, 0.23 mg/kg, and 0.20 mg/kg, respectively. The other soil sample that contained concentrations of PCE equal to the 0.1 mg/kg standard was SS-16 which was collected from the floor of the excavation to the north of the building before groundwater seeped in and it contained 0.1 mg/kg of PCE. MTBE and 1,2,4 Trimethylbenzene were detected in six of the soil samples and two of the soil samples, respectively, well below applicable soil standards. A tabular summary of the detected soil analytical results is provided in Table 1 below.

Table 1
Summary of Soil Analytical Data (detections only)
20 Station Road, Brookfield, Connecticut

Parameter	Sample Designation								Standard	
	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	RDEC	PMC
Tetrachloroethylene	0.01	0.52	0.096	0.230	0.20	ND	ND	ND	12	0.1
1,2,4 Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500	7
MTBE	ND	ND	ND	ND	0.016	0.019	0.011	0.024	500	2

Table 1 (continued)

Parameter	Sample Designation								Standard	
	SS-9	SS-10	SS-11	SS-12	SS-13	SS-14	SS-15	SS-16	RDEC	PMC
Tetrachloroethylene	ND	0.005	ND	0.029	0.017	0.007	0.012	0.1	12	0.1
1,2,4 Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500	7
MTBE	0.013	0.018	ND	ND	ND	ND	ND	ND	500	2

Table 1 (continued)

Parameter	Sample Designation					Standard	
	SS-17	SS-18	SS-19	SS-20	SS-21	RDEC	PMC
Tetrachloroethylene	0.026	0.024	ND	0.026	0.024	12	0.1
1,2,4 Trimethylbenzene	0.005	0.005	ND	ND	0.005	500	7
MTBE	ND	ND	ND	ND	ND	500	2

NOTE: All Units in Milligrams Per Kilogram (mg/kg) = Parts Per Million (ppm)
RDEC = Residential Direct Exposure Criteria
PMC = Pollutant Mobility Criteria
Bold = Exceedance
ND = Below Laboratory Detection Limits

The groundwater sample collected from the excavation to the north of the building contained 132 ug/l of 1,2 Dichloroethylene (1,2 DCE), 200 ug/l of PCE and 85 ug/l of TCE which are above the 70 ug/l GPC for 1,2 DCE, the 5 ug/l GPC for PCE and the 5 ug/l GPC for TCE. No other VOCs were detected in the groundwater sample.

5.0 SOIL TRANSPORTATION AND DISPOSAL

DES prepared the Material Shipping Record and Log for disposal at Holyoke Sanitary Landfill (HSL) of Granby, Massachusetts for disposal of the impacted soils and submitted it for approval on January 25, 2002.

On January 27, 2002, HSL approved the disposal of the contaminated soil. Approximately 114 tons of PCE impacted soil were transported off-site to HSL for disposal. A copy of the soil disposal paperwork is included in Attachment C.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

The site has been used for residential and commercial purposes since its development in 1945. Prior to that the site was used as farmland. A dry cleaner was located on-site during the 1960s and 1970s and was located in the northwest portion of the site building. Virgin dry cleaning solvent, tetrachloroethylene (PCE) was stored in unknown quantities and waste PCE was reportedly stored in two 55-gallon subgrade steel drums that were installed at an unknown date. These steel drums were piped together and reportedly tied into the dry cleaning machine.

The site building is heated by liquefied propane (LP) and electricity. The building was formerly heated by fuel oil. The heating oil was formerly stored in a 275-gallon aboveground storage tank (AST) and 550-gallon AST located on the north side of the building. The 275-gallon AST was removed in March 1997 and the 550-gallon AST is still located on-site and not used. Heating oil was also formerly stored in a 550-gallon underground storage tank (UST) located on the west side of the building. In November 1998 the UST was removed from the subject site. Soil samples were collected from the UST grave and submitted for analysis of total petroleum hydrocarbons (TPH) by EPA Method 418.1 and volatile organic compounds (VOC) by EPA Method 8260. The results of the analysis showed elevated levels of benzene, toluene, ethyl benzene and xylenes (BTEX) constituents above applicable soil standards. In addition, a sample of liquid was

collected from within the UST which contained BTEX constituents. Duplicate samples collected by the CTDEP indicated the presence of PCE in the soil above the Pollutant Mobility Criteria (PMC).

The site previously used an on-site septic system for sewage disposal which is located on the northeastern side of the building. The leaching fields were reportedly located on the northeast side of the building. In 1997, the septic tank and four associated dry wells were removed with a subsequent connection to the sanitary sewer system. The on-site septic system had been used for sewage disposal from the date of construction until the connection to the sanitary sewer system. In June 1998, the CTDEP collected a water sample from a tap at the site. Laboratory analysis showed a concentration of PCE of 150 micrograms per liter (ug/l) and trichloroethylene (TCE) of 10 ug/l. A granular activated carbon (GAC) filtration system was subsequently installed at the site and water samples were collected by the CTDEP after water passed through the filtration system and were submitted for laboratory testing of VOCs. The results indicated non-detectable concentrations of halogenated VOCs after passing through the treatment system.

In addition to the 20 Station Road property, water samples collected from approximately 27 residences and businesses located to the west have been collected since March 1998 to monitor the presence of VOCs in the drinking water. Approximately ten of these properties have had elevated levels of halogenated and/or aromatic VOCs in their drinking water supply. GAC filtration systems have been installed at these residences.

In April 1998, the CTDEP Water Management Bureau installed a total of eight borings on the subject site using its Geoprobe SES. Bedrock was encountered at depths of 8 to 11 feet below ground surface (fbgs). The borings were finished with 0.75" piezometers ranging in depth from 8 to 11 fbgs. Groundwater samples were collected from the piezometers and field screened with a Photovac GC PID. Results of the field screening indicated levels of chlorinated solvents ranging from 1.4 parts per billion (ppb) to 140,000 ppb (GP- 7) in the groundwater samples and 120 ug/l to 1,700 ug/l (GP- 7) in the soil samples. In addition, water samples were collected from the potable wells, sumps, tanks and sludge seeps and soil samples were collected from a tank grave and floor sump. The samples were submitted to the State of Connecticut Department of Health laboratory for analysis of VOCs by EPA Method 624. The results of the analysis indicated the highest concentrations of PCE were in the groundwater collected from GP-8 (48,000 ug/l), located just to the north of the former dry cleaning tenant space, and in the PCE UST (1,617,500,000 ug/l). The PCE UST is one of the subgrade 55 gallon drums located in the northwestern portion of the building that was used to collect waste PCE.

DES provided oversight for the excavation of PCE impacted soils from December 2001 through May 2002. Approximately 114 tons of PCE impacted soil was removed from the interior and exterior portions of the site. Twenty-one confirmation soil samples and one groundwater sample were collected from the excavations. The results of the soil analysis indicated concentrations of PCE remain in the soil under the building footing above soil standards and in one area (the excavation floor) to the north of the building. The results of the groundwater analysis, in the sample collected from the excavation to the north of the building, indicated concentrations of PCE and daughter products above groundwater standards. The two 55 gallon drums were removed and transported off-site with the impacted soil. A passive venting system was installed beneath the building slab and just outside the north wall of building which is presently serving as a passive venting system for the elevated concentrations of PCE beneath the building footing. DES will evaluate the need for modification to an active venting system after one year of quarterly groundwater monitoring.

6.2 Recommendations

Based on the scope of work performed, DES recommends the following at the 20 Station Road Property in Brookfield, Connecticut:

- Seal the concrete floor in the former dry cleaning tenant space with an epoxy coating to prevent migration of vapors into the building from the sub slab contamination. An indoor air sample should be conducted to determine compliance with indoor air quality standards and operation of the sub slab venting system.
- The installation of a groundwater pump and treat remediation system. The remediation system should consist of an extraction well or trench in the shallow aquifer. One or more of the on-site private water supply wells should be converted to extraction wells. The extraction wells should be operated to provide hydraulic containment of the plume as well as pump the contaminated groundwater to a treatment system.
- A quarterly groundwater monitoring program should be implemented to determine the effectiveness of the remediation system and compliance with the RSRs.
- Prepare a Remedial Action Plan with Remediation Options and Cost Estimates, along with a proposed schedule for installation, operation and groundwater monitoring, to comply with requirements of Section B.1.e of Order SRD-113.

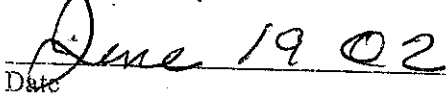
7.0 CERTIFICATION

7.1 Respondents

"I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense."



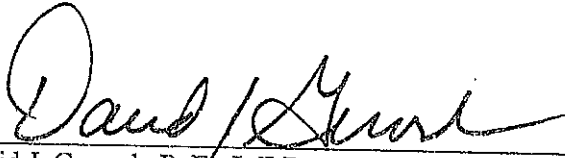
Edward McCarty



Date

7.2 Consultant

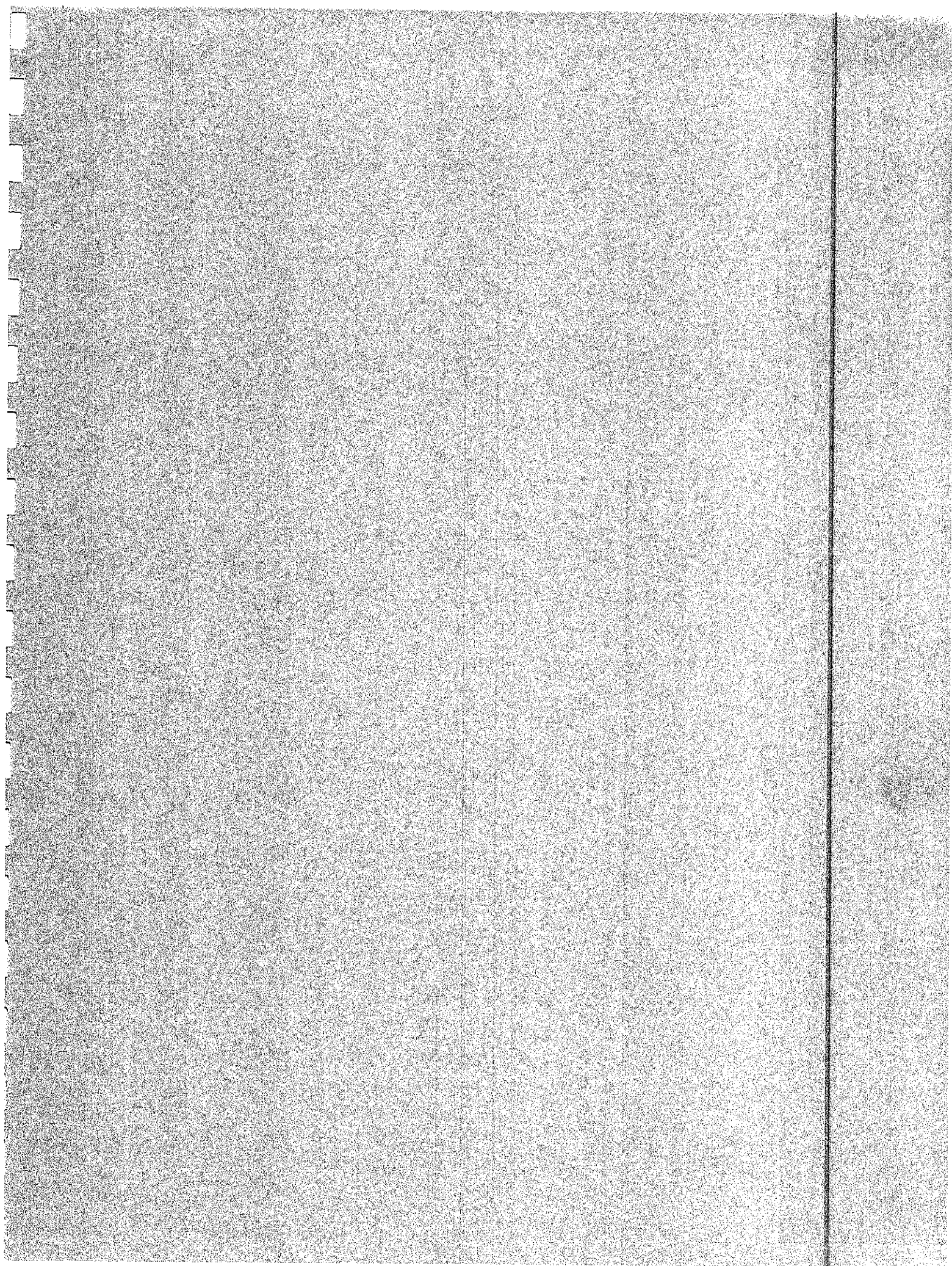
"I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense."

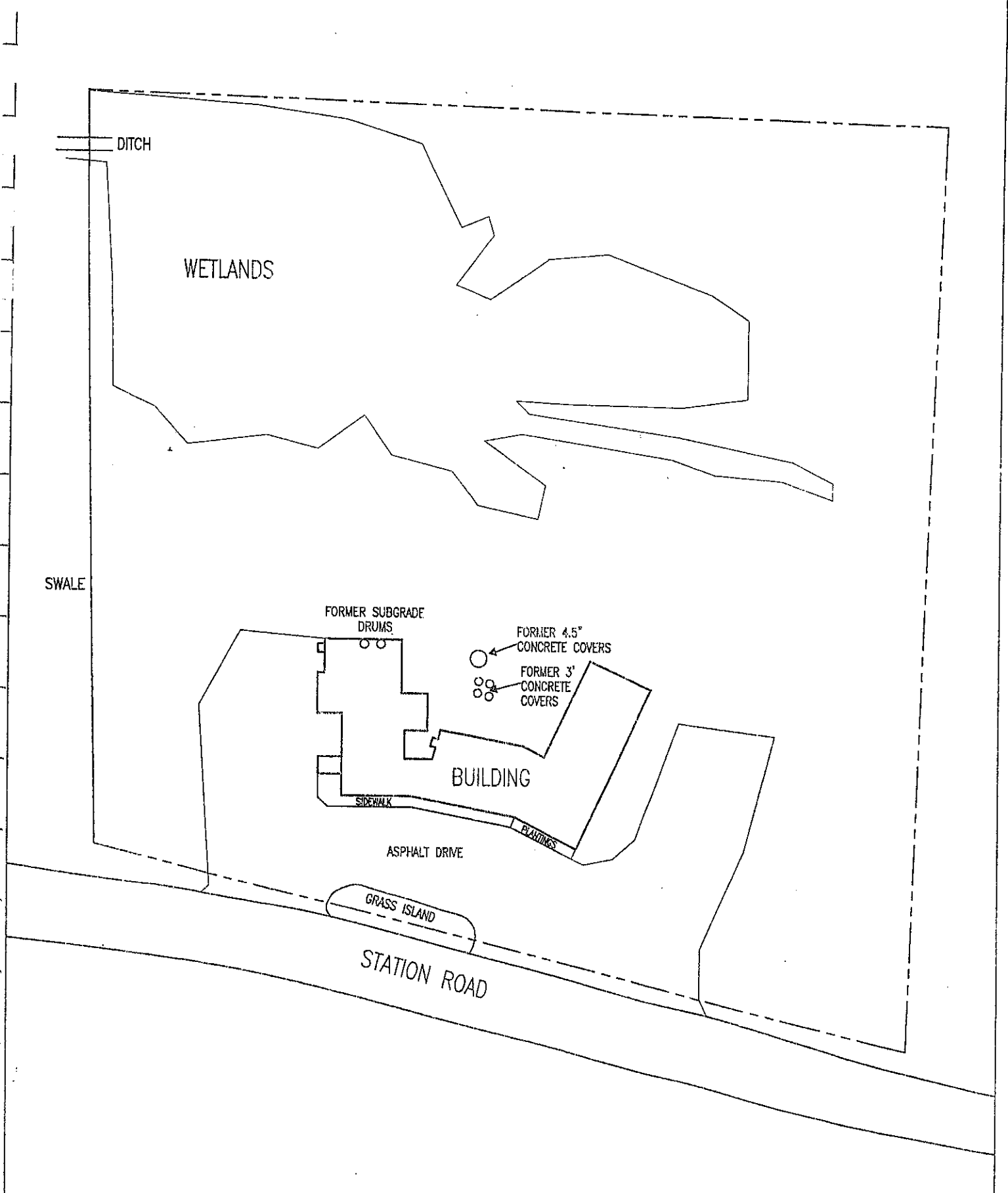


David J. Gworek, P.E., L.E.P

6/18/02

Date





diversified environmental services, inc.
 1755 Horizon-Venueway Turnpike, PO Box 537, Middletown, CT 06457
 (860) 941-2650 Fax (860) 941-9500

NOT TO SCALE

DRW: JDG

CHD BY: BCM

SHEET: 1:3

5/02



FIGURE 1: SITE LAYOUT MAP

20 Station Road
 Brookfield, CT

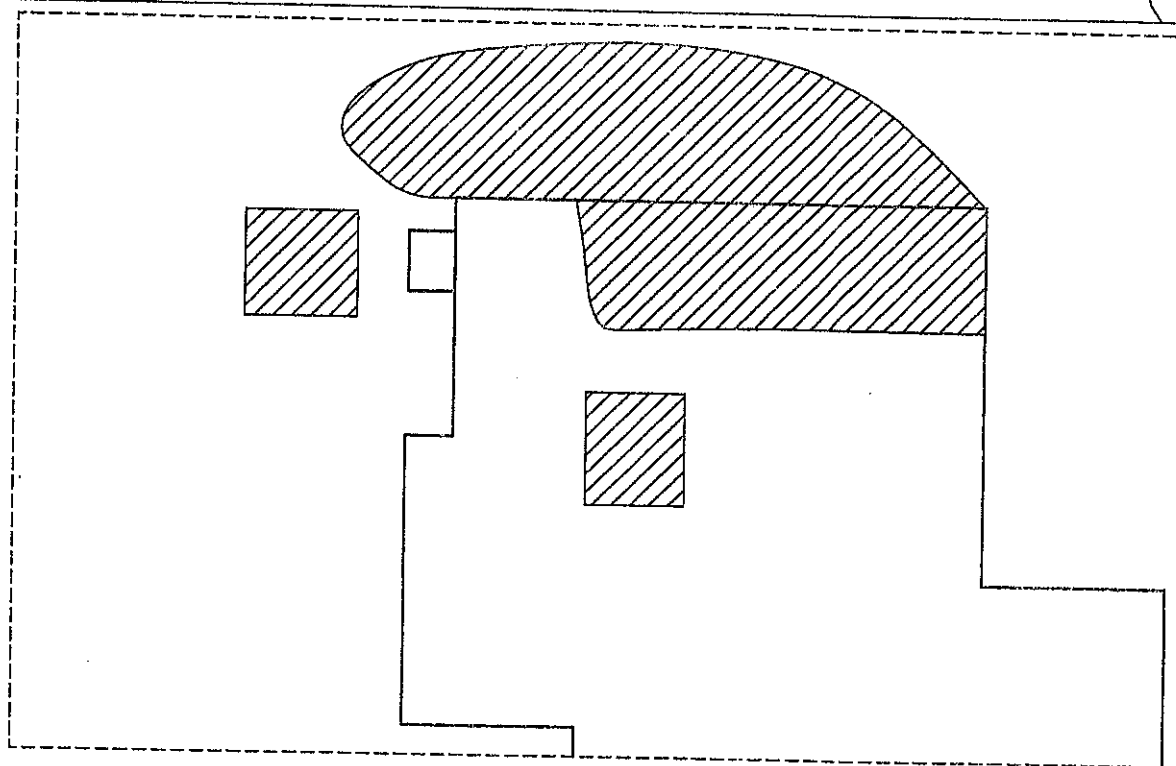
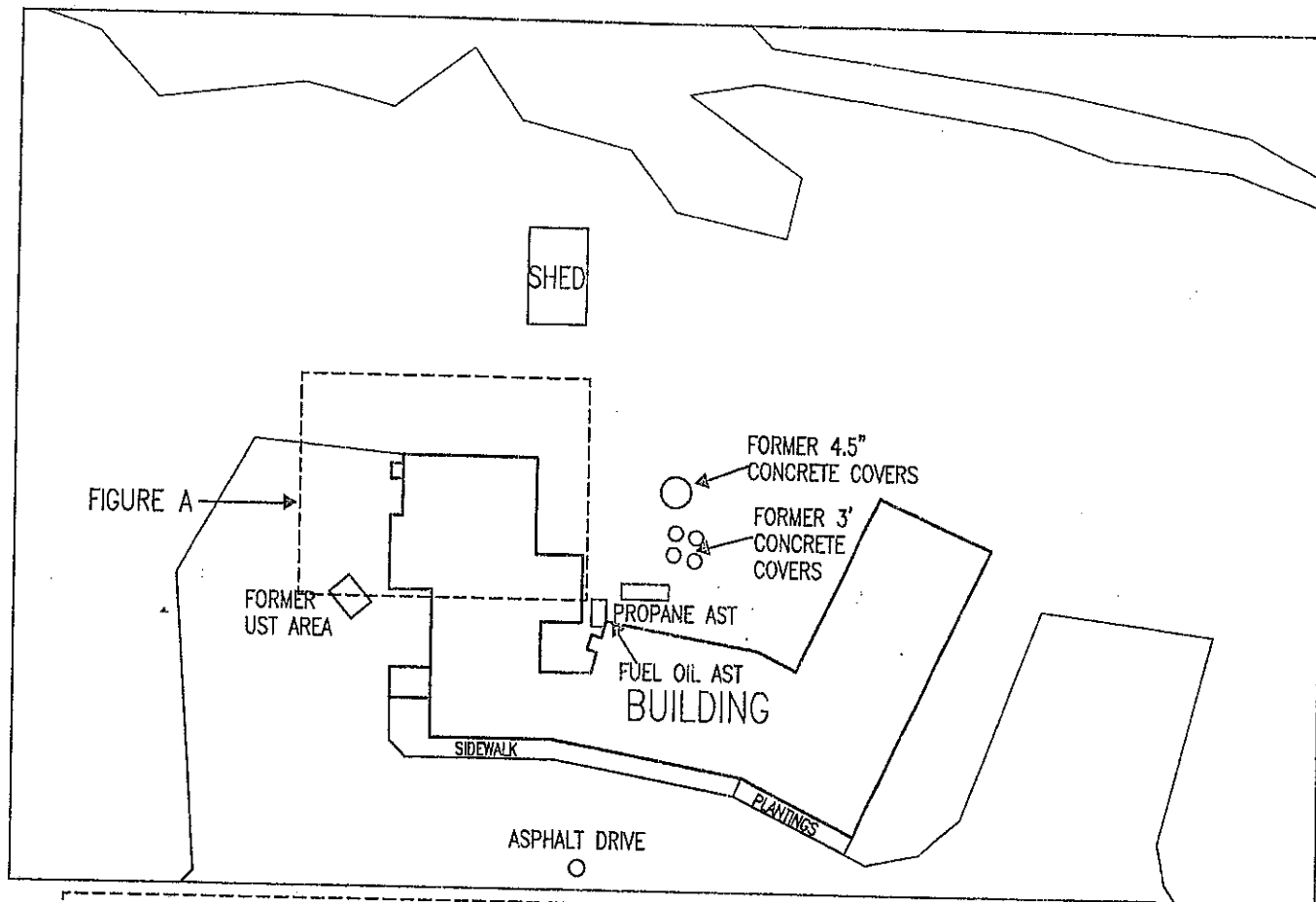



FIGURE A

 AREA OF EXCAVATION



diversified environmental services, inc.
1755 Meriden-Waterbury Turnpike, PO Box 337, Meriden, CT 06467
(860) 681-5850 Fax (860) 681-9809

NOT TO SCALE

DRW: JDG

CHD BY: BCM

SHEET: 1:1

6/02

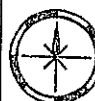
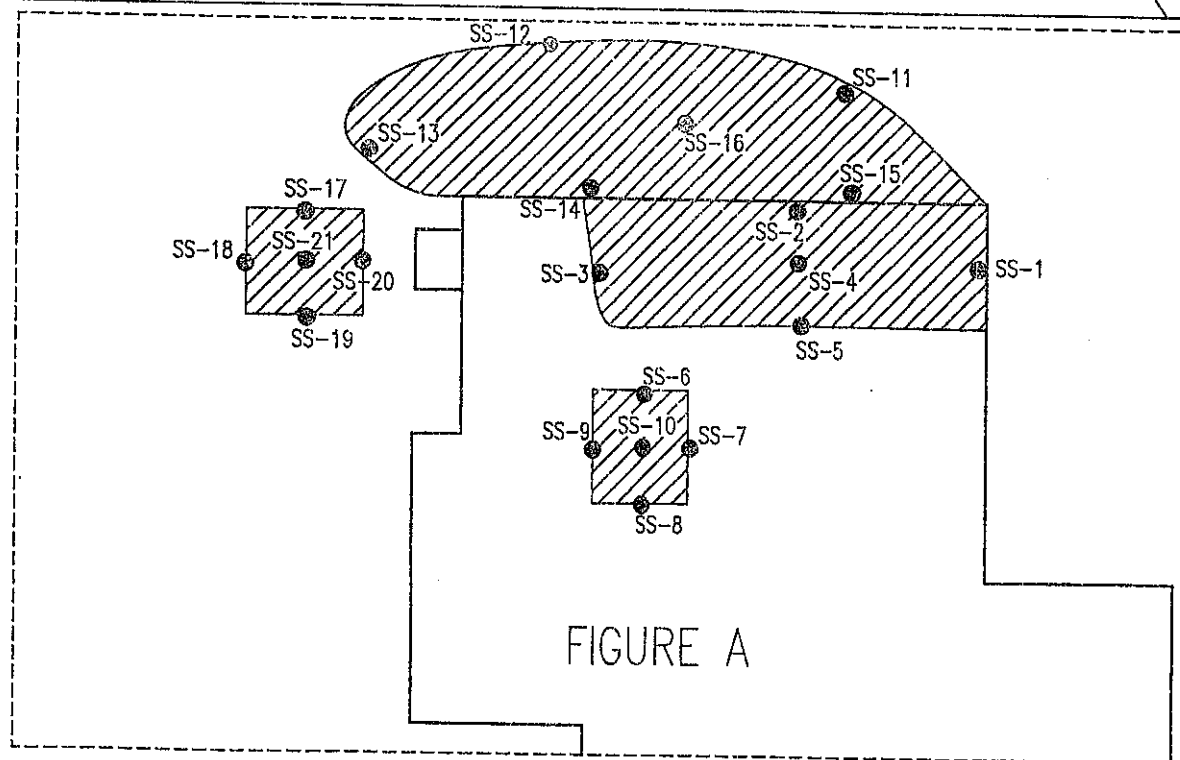
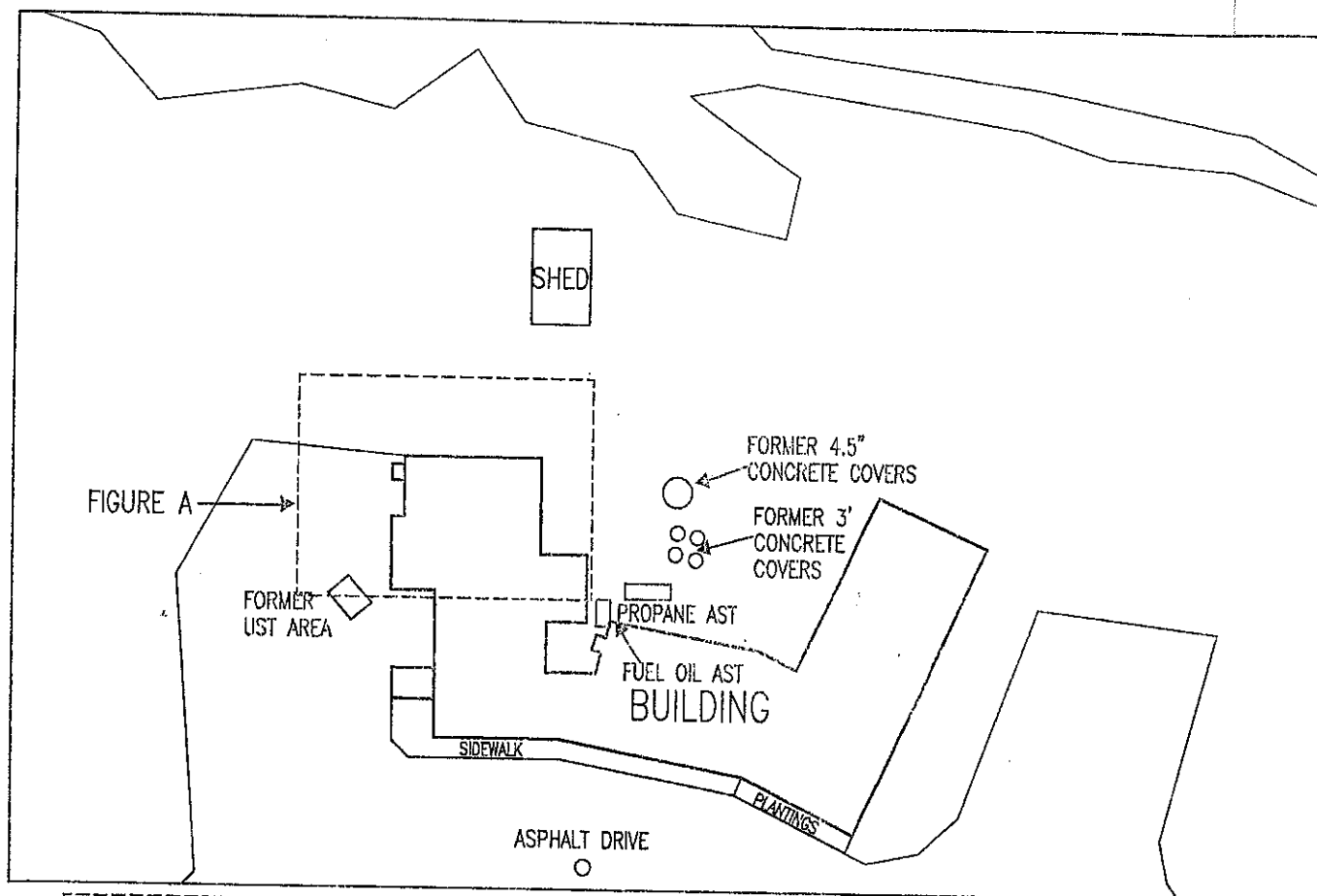


FIGURE 2: SOIL
EXCAVATION MAP

20 STATION ROAD
BROOKFIELD, CT



● CONFIRMATION SAMPLE LOCATION



AREA OF EXCAVATION



diversified environmental services, inc.
1765 Meriden-Waterbury Turnpike, PO Box 547, Middletown, CT 06457
(860) 621-5030 Fax (860) 821-0809

NOT TO SCALE

DRW: JDG

CHD BY: BCM

SHEET: 1:1

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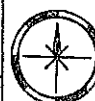
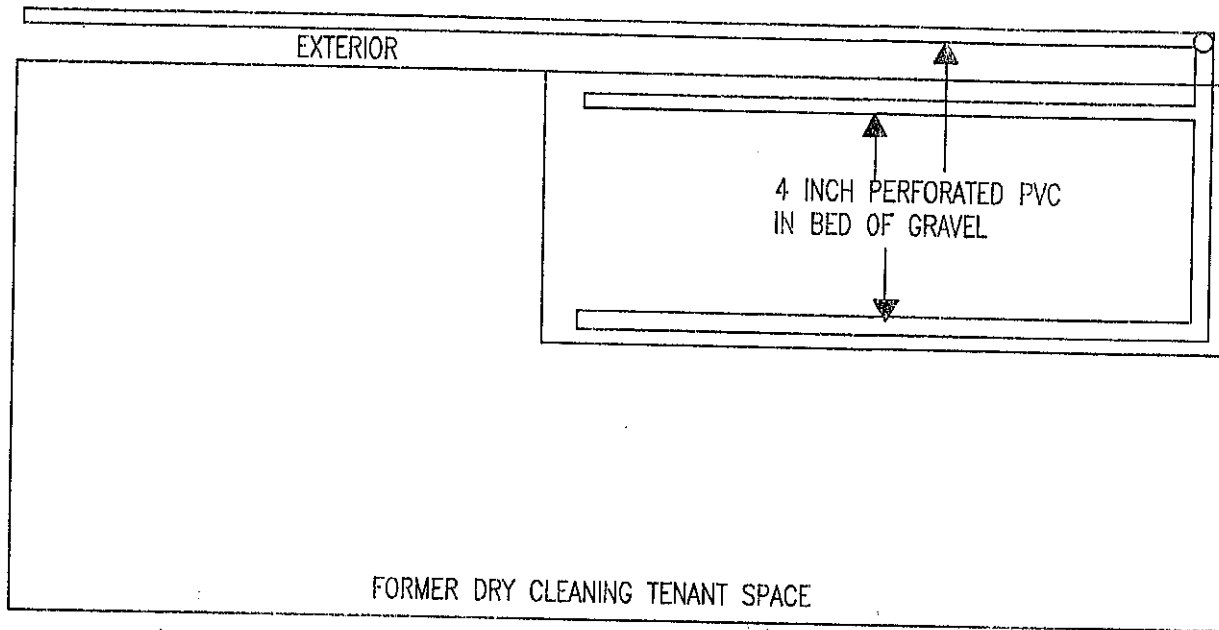


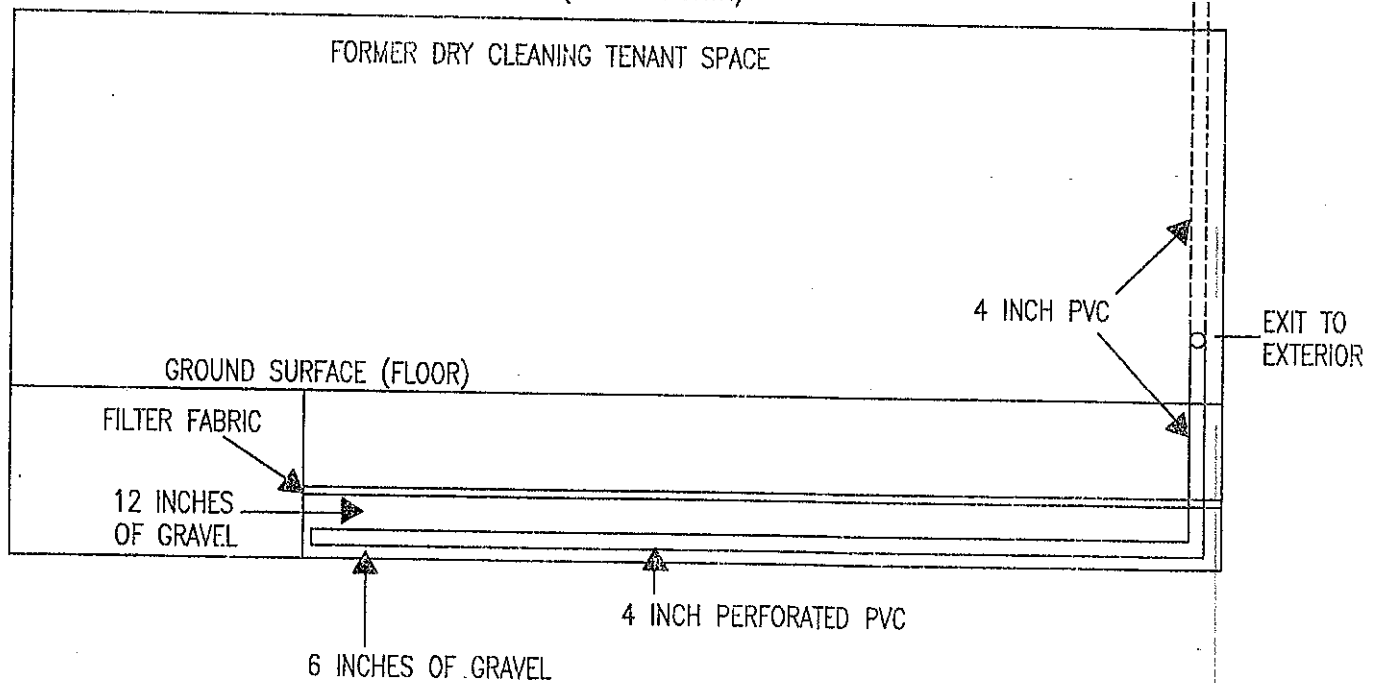
FIGURE 3: SAMPLE
LOCATION MAP

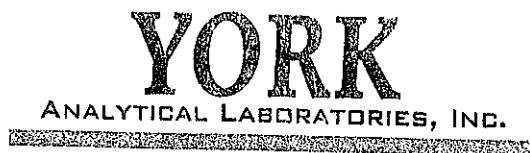
20 STATION ROAD
BROOKFIELD, CT

TOP VIEW



SIDE VIEW (FACING NORTH)





Technical Report

prepared for

Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Milldale, CT 06467
Attention: Bryce McMinn

Report Date: 12/20/2001
Re: Client Project ID: 1275
York Project No.: 01120327

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 EPA I.D. No. CT00106



Report Date: 12/20/2001
Client Project ID: 1275
York Project No.: 01120327

Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Middale, CT 06467
Attention: Bryce McMinn

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 12/13/01. The project was identified as your project "1275".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			SS-1		SS-2	
York Sample ID			01120327-01		01120327-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			SS-1		SS-2	
York Sample ID			01120327-01		01120327-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			10	5.0	520	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

YORK

Client Sample ID			SS-3		SS-4	
York Sample ID			01120327-03		01120327-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			SS-3		SS-4	
York Sample ID			01120327-03		01120327-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			96	5.0	230	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 01120327

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____

Robert Q. Bradley
Managing Director

Date: 12/20/2001

YORK

(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature)	Name (Printed)
DES Mendon-Luttery	Boyer McMillin	Same	McCart 1275	<i>Boyer McMillin</i>	Boyer McMillin
Take Williams CT					

[illegible]

Chain-of-Custody Record		Turn-Around Time		Standard RUSH(define)
Bottles Relinquished from: Lab by	Date/Time	Sample Relinquished by	Date/Time	
		Sample Received by	Date/Time	<div> <div></div> <div></div> </div>
		Sample Received in LAB by	Date/Time	

Technical Report

prepared for

Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Milldale, CT 06467
Attention: Bryce McMinn

Report Date: 1/2/2002
Re: Client Project ID: #1400 McCarty
York Project No.: 01120505

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 EPA I.D. No. CT00106



Report Date: 1/2/2002
 Client Project ID: #1400 McCarty
 York Project No.: 01120505

Diversified Environmental Serv.
 1755 Meriden-Waterbury Tpk.
 P.O. Box 337
 Milldale, CT 06467
 Attention: Bryce McMinn

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 12/20/01. The project was identified as your project "#1400 McCarty".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			SS-5 (4.5')		SS-6 (4.5')	
York Sample ID			01120505-01		01120505-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0

Client Sample ID			SS-5 (4.5')		SS-6 (4.5')	
York Sample ID			01120505-01		01120505-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	5	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			16	5.0	19	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			200	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Client Sample ID			SS-7 (4.5')		SS-8 (4.5')	
York Sample ID			01120505-03		01120505-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			11	5.0	24	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0

Client Sample ID			SS-7 (4.5')		SS-8 (4.5')	
York Sample ID			01120505-03		01120505-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Client Sample ID			SS-9 (4.5')		SS-10 (4.5')	
York Sample ID			01120505-05		01120505-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-S260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0

Client Sample ID			SS-9 (4.5')		SS-10 (4.5')	
York Sample ID			01120505-05		01120505-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			13	5.0	18	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	5	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 01120505

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____
Robert Q. Bradley
Managing Director

Date: 1/2/2002

Technical Report

prepared for

Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Middale, CT 06467
Attention: Bryce McMinn

Report Date: 6/3/2002
Re: Client Project ID: #1275 / Ed McCarty
York Project No.: 02050589

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 EPA I.D. No. CT00106



Report Date: 6/3/2002
Client Project ID: #1275 / Ed McCarty
York Project No.: 02050589

Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Milldale, CT 06467
Attention: Bryce McMinn

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/23/02. The project was identified as your project "#1275/Ed McCarty".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			SS-11/6		SS-12/6	
York Sample ID			02050589-01		02050589-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			SS-11/6		SS-12/6	
York Sample ID			02050589-01		02050589-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	29	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			SS-13/5.5		SS-14/4.5	
York Sample ID			02050589-03		02050589-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			SS-13/5.5		SS-14/4.5	
York Sample ID			02050589-03		02050589-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			17	5.0	7	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0

Client Sample ID			SS-15/4.5		SS-16/7	
York Sample ID			02050589-05		02050589-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50

YORK

Client Sample ID			SS-15/4.5		SS-16/7	
York Sample ID			02050589-05		02050589-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
n-Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			12	5.0	100	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0

Client Sample ID			SS-17/4.5		SS-18/4.5	
York Sample ID			02050589-07		02050589-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			5	5.0	5	5.0

YORK

Client Sample ID			SS-17/4.5		SS-18/4.5	
York Sample ID			02050589-07		02050589-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			26	5.0	24	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			SS-19/4.5		SS-20/4.5	
York Sample ID			02050589-09		02050589-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			SS-19/4.5		SS-20/4.5	
York Sample ID			02050589-09		02050589-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	26	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0

Client Sample ID			SS-21/8	
York Sample ID			02050589-11	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2,4-Trimethylbenzene			5	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
1-Chlorohexane			Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	50
Bromodichloromethane			Not detected	50
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0

YORK

Client Sample ID			SS-21/8	
York Sample ID			02050589-11	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0
Methylene chloride			Not detected	5.0
Naphthalene			Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes			Not detected	5.0
p-Isopropyltoluene			Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			24	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 02050589

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____

Robert Q. Bradley
Managing Director

Date: 6/3/2002

YORK

York Analytical Laboratories, Inc
One Research Drive
Stamford, CT 06906
(203) 357-1371 — Fax (203) 357-0166

Page 7 of 11

ANALYSIS REQUESTED

[illegible]

Technical Report

prepared for

Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Milldale, CT 06467
Attention: Bryce McMinn

Report Date: 6/12/2002
Re: Client Project ID: McCarty
York Project No.: 02060163

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 EPA I.D. No. CT00106



Report Date: 6/12/2002
 Client Project ID: McCarty
 York Project No.: 02060163

Diversified Environmental Serv.
 1755 Meriden-Waterbury Tpk.
 P.O. Box 337
 Milldale, CT 06467
 Attention: Bryce McMinn

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/06/02. The project was identified as your project "McCarty".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			GW		Trip Blank	
York Sample ID			02060163-01		02060163-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE water	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1

Client Sample ID			GW		Trip Blank	
York Sample ID			02060163-01		02060163-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			2(t)-130(cis-)	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methyl tert-butyl ether (MTBE)			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			200	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			85	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Report Date: 6/12/2002
Client Project ID: McCarty
York Project No.: 02060163

Notes for York Project No. 02060163

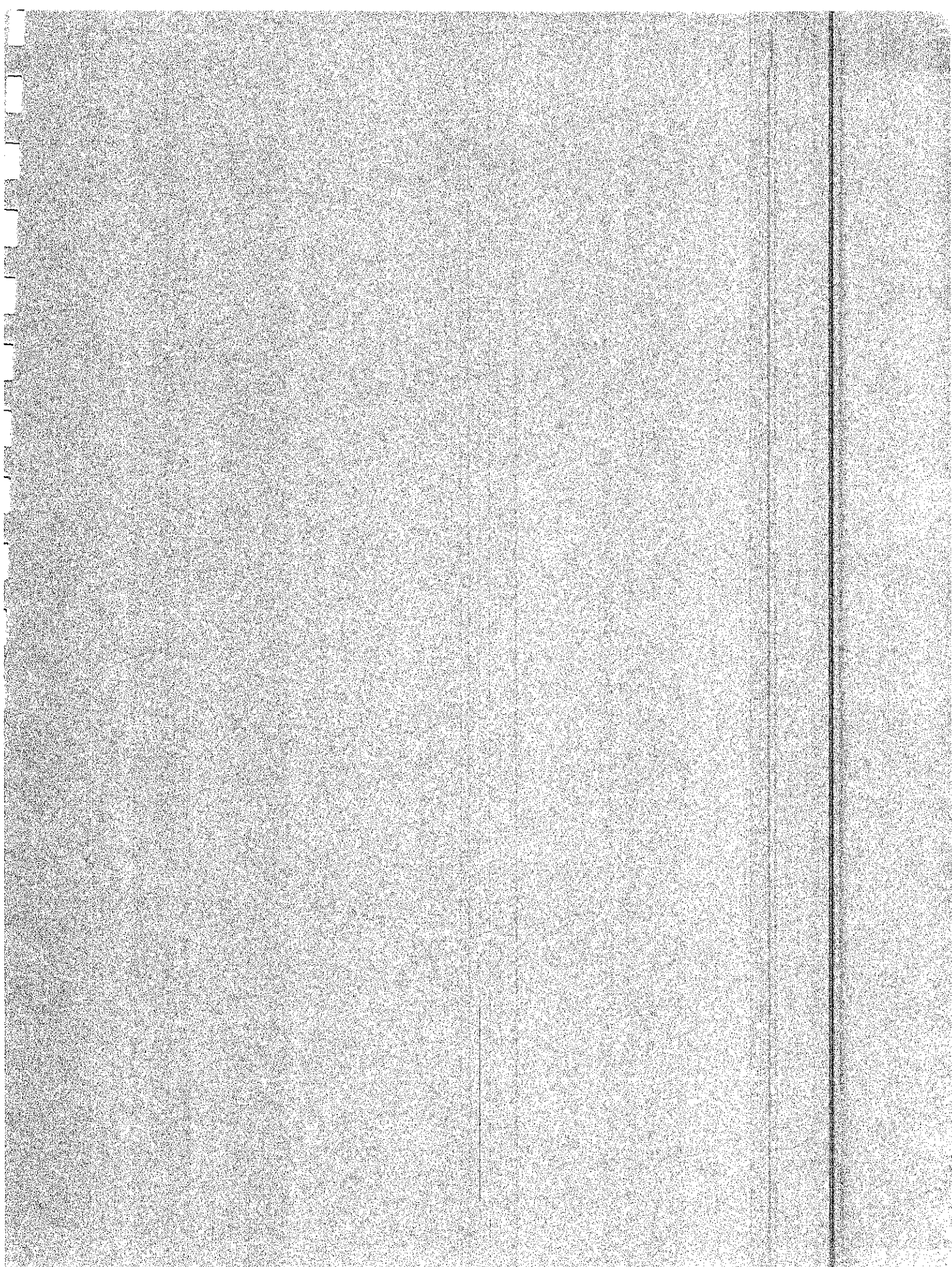
1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____
Robert Q. Bradley
Managing Director

Date: 6/12/2002

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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REMARKS & NOTES:		
RELINQUISHED BY: <i>[Signature]</i>	DATE/TIME: 6/5/02 2:30	RECEIVED BY: DATE/TIME:
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY: DATE/TIME:
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY: DATE/TIME:





Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Material Shipping Record & Log

Tracking Number

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

IMPORTANT:
This form is **NOT** to be used for the shipment of remediation wastes subject to management under section 310 CMR 40.0035 of the Massachusetts Contingency Plan nor is it to be used in lieu of a hazardous waste manifest for hazardous waste or recyclable materials subject to the Massachusetts Hazardous Waste Regulations 310 CMR 30.000.

A Location Information

1. Provide the following information on the location where the waste was generated:

Hazardous waste (optional)

20 Station Road

Street

Location #1

Brookfield

CT

06804-1051

City/Town

State

Zip code

2. Date/Period of generation:

11/1/965 11/1/972 (approx)

From

To

5. List additional tracking documents associated with this document:

3. U.S. EPA ID number:

NA

4. 21E release:

☐ yes

☒ no

B Generator Information

1. Provide the following generator information:

Edward McCarty

Name of organization

Edward McCarty

OWNER

Contact name

Title

20 Station Road

Street address

Brookfield

CT

06804-1051

City/Town

State

Zip code

203-775-3323

Telephone number and extension

C Owner and/or Operator Information

1. If the owner and/or operator is different from the generator as indicated in Section B, provide the following information:

Check applicable:

☐ owner

☐ operator

Name of organization

Contact name

Title

Street address

City/Town

State

Zip code

Telephone number and extension



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Material Shipping Record & Log

Tracking Number

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

D Transporter/Common Carrier Information

1. Provide the following information:

Logano Trucking CT
Transporter/Common carrier name
Beth Roccapriore
Contact person
209 Pickering Street
Street
Portland CT 06480
City/Town State Zip code
1-800-272-3867
Telephone number and extension

E Receiving Facility Information

1. Provide the following information on the receiving facility:

Holyoke Sanitary Landfill
Operator/Facility name
John Forase Division Manager
Contact person
11 New Ludlow Road Granby MA 01033
Street State Zip code
413-467-3200
Telephone number and extension

2. Type of facility:

- ☐ asphalt batch/cold mix
☐ asphalt batch/hot mix
☐ other:
☒ landfill/disposal
☐ landfill/daily cover
☐ thermal processing
☐ landfill/structural fill

3. Permit number: PZ 3880 Operating BWP-SW-10

F Description of Material

Check all that apply:

1. a. ☒ soil ☐ dredge material ☐ fill

b. Description:

Fine sand and silt with
some gravel

c. Classification: ☐ MIT ☐ USDA
See #2 ☐ USAEC ☐ ASEE

2. ☒ Other:

USCS Unsorted Soil
Classification: Sp. 10

3. Type of contamination:

a. ☐ gasoline ☐ diesel fuel ☐ #2 oil ☐ #4 oil
☐ #5 oil ☐ waste oil ☐ kerosene ☐ jet fuel

b. ☐ Debris:

☐ demolition ☐ vegetative ☐ inorganic

c. ☒ Other:

Waste from dry cleaner in
soil



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Material Shipping Record & Log

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

Tracking Number

Description of Material (cont.)

4. Constituents of concern (check all that apply):

☒ As ☒ Cd ☒ Cr ☒ Pb ☒ Hg ☐ Na ☒ PCBs
☒ HVOCS ☐ PATH ☒ VOCs ☒ PAHs ☒ BNAs
☒ TPH ☒ Other:

Paint Filter - flash
describe

7. Estimated volume of materials:

60

Cubic Yards

Tons

Other

5. Analyses performed (check all that apply):

☒ As ☒ Cd ☒ Cr ☒ Pb ☒ Hg ☐ Na ☒ PCBs
☒ HVOCS ☐ PATH ☒ VOCs ☒ PAHs ☒ BNAs
☒ TPH ☐ TCLP (Inorganic) ☐ TCLP (organic)
☒ Other:

Paint filter - flash
describe

8. Contaminant source (check one/specify):

☐ transportation accident ☐ spill ☒ other:

Day cleaner
describe

6. Screening performed:

Field Screening of volatile
Type

organics with photoionization detector
Instrument Used

VOCs
Constituents

9. Indicate which waste characterization support documentation is attached:

☒ site history information
☒ sampling and analytical methods/procedure
☒ laboratory data ☐ field screening data

If supporting documentation is not appended, provide an attachment stating the date and in connection with what document such information was previously submitted to the facility.

Qualified Environmental Professional Opinion

Diversified Environmental Services, Inc.
Name of organization

David J. Gworek, LEP President
Name of professional

860-621-3630
Telephone number and extension

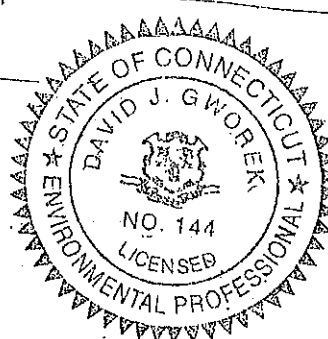
"I have personally examined and am familiar with the information contained on and submitted with this form. Based on this information, it is my opinion that the testing and assessment actions undertaken were adequate to characterize the waste, and that the facility or location can accept wastes with the characteristics described in this submittal. I am aware that significant penalties including, but not limited to, possible fines and imprisonment may result if I willfully submit information which I know to be false, inaccurate, or materially incomplete."

Signature

1/25/02
Date

License number

Seal:





Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Material Shipping Record & Log

Tracking Number

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

H Certification of Generator

"I certify under penalties of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information contained herein is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information."

Edw J. McEarty

Signature

Feb 6 02

Date

Edward J. McEarty

Name (print)

R Acknowledgment of Receipt by Receiving Facility

Receiving Facility

Representative (print)

Title

Signature

Date



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Material Shipping Record & Log

Tracking Number

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

Load Information

Note:
Make additional
copies of this
page as neces-
sary.

LOAD #1

Signature of transporter
Receiving facility
Date received
Time received
Date of shipment
Time of shipment
Truck/Tractor registration
Trailer registration
Load size (cubic yards/tons)

LOAD #2

Signature of transporter
Receiving facility
Date received
Time received
Date of shipment
Time of shipment
Truck/Tractor registration
Trailer registration
Load size (cubic yards/tons)

LOAD #3

Signature of transporter
Receiving facility
Date received
Time received
Date of shipment
Time of shipment
Truck/Tractor registration
Trailer registration
Load size (cubic yards/tons)

LOAD #4

Signature of transporter
Receiving facility
Date received
Time received
Date of shipment
Time of shipment
Truck/Tractor registration
Trailer registration
Load size (cubic yards/tons)

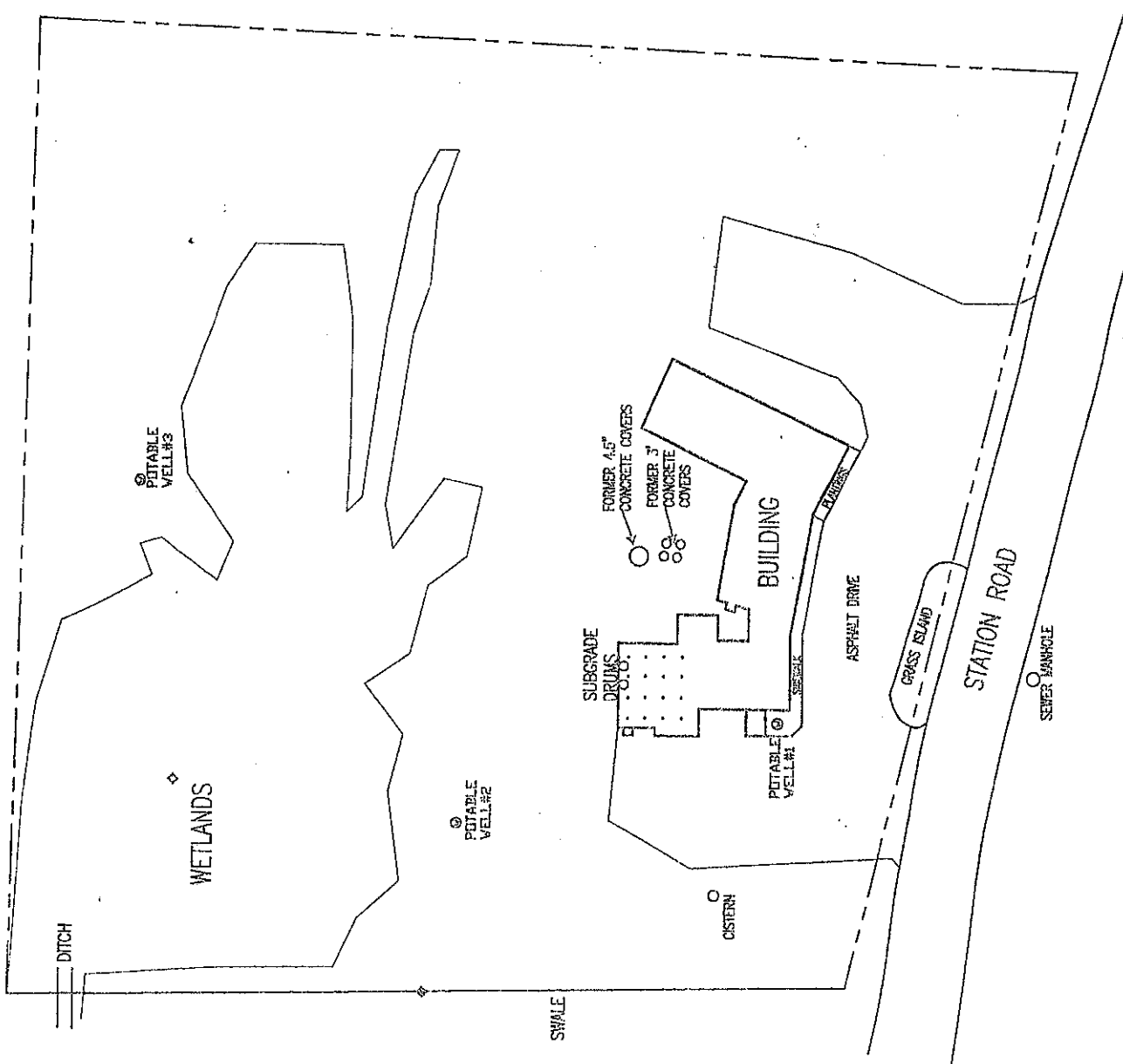
Log Sheet Volume Information

Total volume this page (cubic yards/tons)

Total carried forward (cubic yards/tons)

Total carried forward and this page (cubic yards/tons)

Page 1 of 1



SITE LAYOUT MAP

McCARTY
20 STATION ROAD
BROOKFIELD, CT



12/00

SHEET: 1/3

CHD BY: DJG

DRW: BCM

Site History Information
20 Station Road
Brookfield, CT 06804-1051

The 20 Station Road, Brookfield, CT property consists of a residential and commercial building that contained a dry cleaning operation from approximately 1965 to 1972. The tetrachloroethylene (PCE) impacted soil was generated from the dry cleaner disposing PCE to two 55 gallon subgrade drums.

Sampling and Screening Procedures

The initial soil samples were collected every five-feet at two-foot intervals beginning at the ground surface using a 24-inch stainless steel split spoon sampler that was driven with a 140 pound hammer over a 30-inch drop. The split spoon sampler was decontaminated with an alconox solution and rinsed with distilled water between sample collection.

The subsequent characterization sample (char) was collected using a hand auger. The sample was composited from 4 locations of the soil to be transported off-site.

All of the soil samples were screened with a photo-ionization detector (PID) fitted with a 11.7 e.V. lamp to evaluate for the presence of organic compounds.

Analytical Methods

The samples were initially submitted for analysis of VOCs by EPA Method 8260. The characterization sample (char) was submitted for analysis of total arsenic, cadmium, chromium, lead and mercury, TPH by EPA Method 418.1, PCBs by EPA Method 8080, SVOCs by EPA Method 8270, VOCs by EPA Method 8260, flash point, paint filter test and RCRA 8 metals. All parameters analyzed were found to be below the reuse levels for lined and unlined landfills.

Technical Report

prepared for

Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Milldale, CT 06467
Attention: Mr. David Gworek

Report Date: 1/7/2002
Re: Client Project ID: 1275 / McCarty
York Project No.: 01120630

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 EPA I.D. No. CT00106



Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Milldale, CT 06467
Attention: Mr. David Gworek

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 12/27/01. The project was identified as your project "1275 / McCarty".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			CHAR	
York Sample ID			01120630-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0

YORK

Client Sample ID			CHAR	
York Sample ID			01120630-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
1-Chlorohexane			Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methylene chloride			Not detected	5.0
Naphthalene			Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes			Not detected	5.0
p-Isopropyltoluene			Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			490	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kg	---	---
Acenaphthene			Not detected	330
Acenaphthylene			Not detected	330
Anthracene			Not detected	330
Benzo[a]anthracene			Not detected	330
Benzo[a]pyrene			Not detected	330
Benzo[b]fluoranthene			Not detected	330

YORK

Client Sample ID			CHAR	
York Sample ID			01120630-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Benzo[g,h,i]perylene			Not detected	330
Benzo[k]fluoranthene			Not detected	330
Chrysene			Not detected	330
Dibenz[a,h]anthracene			Not detected	330
Fluoranthene			Not detected	330
Fluorene			Not detected	330
Indeno[1,2,3-cd]pyrene			Not detected	330
Naphthalene			Not detected	330
Phenanthrene			Not detected	330
Pyrene			Not detected	330
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.02
PCB 1221			Not detected	0.02
PCB 1232			Not detected	0.02
PCB 1242			Not detected	0.02
PCB 1248			Not detected	0.02
PCB 1254			Not detected	0.02
PCB 1260			Not detected	0.02
PCB, Total			Not detected	0.02
TCLP RCRA Metals	SW846	mg/L	---	---
TCLP Arsenic			Not detected	0.010
TCLP Barium			0.906	0.010
TCLP Cadmium			Not detected	0.005
TCLP Chromium			Not detected	0.005
TCLP Lead			0.026	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-7470	mg/L	Not detected	0.0005
Mercury	SW846-7471	mg/kG	Not detected	0.10
Chromium	SW846-6010	mg/kG	7.26	0.500
Flash Point	EPA 1010M	Degrees F	>200	---
Paint Filter Test	SW846	---	No free liquid	---
Total Petroleum Hydrocarbons	EPA 418.1m	mg/kg	Not detected	5.0

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

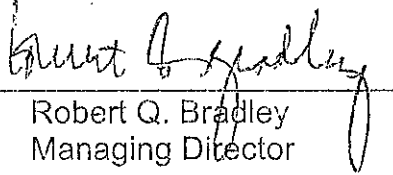
For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

YORK

Notes for York Project No. 01120630

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____


Robert Q. Bradley
Managing Director

Date: 1/7/2002

YORK

York Analytical Laboratories, Inc
One Research Drive
Stamford, CT 06906
(203) 357-1371 - Fax (203) 357-0166

ANALYSIS REQUESTED

[illegible]

Technical Report

prepared for

Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Milldale, CT 06467
Attention: Mr. Bryce McMinn

Report Date: 1/23/2002
Re: Client Project ID: McCarty
York Project No.: 02010335

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 EPA I.D. No. CT00106



Report Date: 1/23/2002
Client Project ID: McCarty
York Project No.: 02010335

Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Milldale, CT 06467
Attention: Mr. Bryce McMinn

Purpose and Results

- This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 01/17/02. The project was identified as your project "McCarty".
- The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.
- All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.
- All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.
- The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			Char	
York Sample ID			02010335-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Arsenic	SW846-6010	mg/kg	2.72	1.00
Cadmium	SW846-6010	mg/kg	Not detected	0.500
Lead	SW846-6010	mg/kg	12.7	0.500

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 02010335

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____
Robert Q. Bradley
Managing Director

Date: 1/23/2002

Technical Report

prepared for

Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Milldale, CT 06467
Attention: Mr. Bryce McMinn

Report Date: 3/26/2002
Re: Client Project ID: McCarty-Station Rd
York Project No.: 02030473

CT License No. PH-0723 New York License No. 10854 Mass. License No. M-CT106 Rhode Island License No. 93 EPA I.D. No. CT00106



Diversified Environmental Serv.
1755 Meriden-Waterbury Tpk.
P.O. Box 337
Milldale, CT 06467
Attention: Mr. Bryce McMinn

Purpose and Results

- This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 03/19/02. The project was identified as your project "McCarty-Station Rd".
- The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.
- All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.
- All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.
- The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			Char 1		Char 2	
York Sample ID			02030473-01		02030473-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0

Client Sample ID			Char 1		Char 2	
York Sample ID			02030473-01		02030473-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			23	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			17	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			6	5.0	Not detected	5.0
p- & m-Xylenes			8	5.0	Not detected	5.0
p-Isopropyltoluene			6	5.0	Not detected	5.0
sec-Butylbenzene			11	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kg	---	---	---	---
Acenaphthene			Not detected	330	Not detected	330
Acenaphthylene			Not detected	330	Not detected	330
Anthracene			Not detected	330	Not detected	330
Benzo[a]anthracene			Not detected	330	Not detected	330

Client Sample ID			Char 1		Char 2	
York Sample ID			02030473-01		02030473-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo[a]pyrene			Not detected	330	Not detected	330
Benzo[b]fluoranthene			Not detected	330	Not detected	330
Benzo[g,h,i]perylene			Not detected	330	Not detected	330
Benzo[k]fluoranthene			Not detected	330	Not detected	330
Chrysene			Not detected	330	Not detected	330
Dibenz[a,h]anthracene			Not detected	330	Not detected	330
Fluoranthene			Not detected	330	Not detected	330
Fluorene			Not detected	330	Not detected	330
Indeno[1,2,3-cd]pyrene			Not detected	330	Not detected	330
Naphthalene			Not detected	330	Not detected	330
Phenanthrene			Not detected	330	Not detected	330
Pyrene			Not detected	330	Not detected	330
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.02	Not detected	0.02
PCB 1221			Not detected	0.02	Not detected	0.02
PCB 1232			Not detected	0.02	Not detected	0.02
PCB 1242			Not detected	0.02	Not detected	0.02
PCB 1248			Not detected	0.02	Not detected	0.02
PCB 1254			Not detected	0.02	Not detected	0.02
PCB 1260			Not detected	0.02	Not detected	0.02
PCB, Total			Not detected	0.02	Not detected	0.02
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---	---	---
TCLP Arsenic			Not detected	0.010	Not detected	0.010
TCLP Barium			0.980	0.010	0.929	0.010
TCLP Cadmium			Not detected	0.005	Not detected	0.005
TCLP Chromium			0.007	0.005	0.006	0.005
TCLP Lead			Not detected	0.005	Not detected	0.005
TCLP Selenium			Not detected	0.010	Not detected	0.010
TCLP Silver			Not detected	0.005	Not detected	0.005
TCLP Mercury	SW846-7470	mg/L	Not detected	0.0005	Not detected	0.0005
Chromium	SW846-6010	mg/kG	10.7	0.500	10.0	0.500
Mercury	SW846-7471	mg/kG	0.41	0.10	0.55	0.10
Flash Point	EPA 1010M	Degrees F	>200	---	>200	---
Paint Filter Test	SW846	---	No free liquid	---	No free liquid	---
Total Petroleum Hydrocarbons	EPA 418.1m	mg/kg	10	5.0	10	5.0

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 02030473

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____
Robert Q. Bradley
Managing Director

Date: 3/26/2002

diversified environmental services, inc.

P.O. Box 337
1755 Meriden-Waterbury Turnpike
Milldale, CT 06467
(860) 621-3630
(860) 621-9609 (fax)
email: info@desct.com

January 25, 2002

Beth Roccapriore
Logano Waste Management
P.O. Box 144
Portland, CT 06480

RE: Licensed Environmental Professional Opinion
Contaminated Soil Generated From
20 Station Road, Brookfield, CT
DES Project No. 1275

Dear Beth:

It is my opinion that approximately that approximately 60 cubic yards of contaminated soil generated from the former dry cleaner located at 20 Station Road in Brookfield, CT satisfies the concentration requirements for the various analyses tested. The analysis which is supplied from a Massachusetts certified lab. The concentration criteria is listed in Table 1 of the Massachusetts Department of Environmental Protection policy # COMM-97-001 entitled "Allowable Contaminant Levels for Soil Reuse at Lined Landfills." The contaminated soil is acceptable for reuse as daily cover material at the Holyoke Sanitary Landfill.

The physical description of the soil from a visual observation, is as follows 60% fine sand, 25% silt and 15% medium gravel using the United Soil Classification System (USCS) method for soil classification. It is my professional opinion that this soil meets the Massachusetts requirements and is suitable for daily or intermediate cover.

Should you have any further questions or require additional information, please feel free to contact me at (860) 621-3630.

Sincerely,



David J. Gworek, PE, LEP
License # 144

diversified environmental services, inc.

P.O. Box 337

1755 Meriden-Waterbury Turnpike

Milldale, CT 06467

(860) 621-3630 (860) 621-9609 (fax)

e-mail: info@desct.com

January 15, 2002

Mr. David Nash
Director
Waste Engineering and Enforcement
Connecticut Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

Re: Characterization of Contaminated Soil
20 Station Road, Brookfield, Connecticut
DES Project No. 1275

Dear Mr. Nash:

The property owner at 20 Station Road, Brookfield, Connecticut excavated approximately 15 cubic yards of perchloroethylene (PCE) impacted soil from beneath the site building. It is estimated that an additional 30 cubic yards will be excavated from the exterior portion of the property making a total of 50 cubic yards of PCE impacted soil that will require disposal.

The characterization soil sample indicated a concentration of 0.49 milligrams per kilogram. Please provide guidance on proper disposal. I can be reached at (860) 621-3630.

Sincerely,

DIVERSIFIED ENVIRONMENTAL SERVICES



Bryce C. McMinn
Project Manager

C: Ms. Diane Duva
E. McCarty

STATE OF CONNECTICUT

DEPARTMENT OF ENVIRONMENTAL PROTECTION

December 17, 2002



Manager
Environmental Services, Inc.

January 15, 2002 letter
Re: Draft "Contained-In" Policy

Regarding your request regarding the characterization of contaminated soil excavated from your establishment. The soil may be managed consistent with the Department's draft policy. Please be advised that Connecticut's draft "contained-in" policy applies only to soil managed in Connecticut.

A hazardous constituent must be managed in the same manner as hazardous waste. Non-hazardous constituents (for which the contaminant source is listed) may be managed as non-hazardous waste if the constituent concentrations do not exceed the Industrial Hygiene Criteria and do not exceed 100 times the GA Pollutant Mobility Criteria of the Connecticut Regulations.

Perchloroethylene (PCE) is a hazardous constituent for which the contaminant source is not a hazardous waste. Given the concentration of perchloroethylene ("PCE") that was found in the excavated soil, the soil contains a non-hazardous waste. The excavated soil is classified as [non-hazardous] soil.

Soil may be reused on the parcel from which it was excavated or on another parcel approved by the Department. This use is consistent with all provisions of Connecticut's Remediation Standard. Specifically, at a minimum the polluted soil must meet the RSR's Direct Exposure and Screening Criteria for the site receiving the reused soil, as noted in section 22a-133k-2(h) of the RSR.

Soil may be disposed at a few Connecticut landfills with written permission. If you are considering this option or if you have any questions on this special waste disposal authorization, please contact Diane Cam at (860) 424-3567 (direct).

For more information, please call Diane Duva at (860) 424-3271 (direct) or (860) 424-3023 (Division).

Enforcement Division
Management

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1901  2001

WMA
WASTE MANAGEMENT
HOLYOKE SANITARY LANDFILL
600 NEW AUDLEY ROAD
SOUTH HADLEY, MA 01075
SCALE HOUSE (413) 467-3200
BILLING OFFICE (413) 530-0036

TICKET: 67451
DATE: 05/23/2002
TIME: 13:41 - 13:50

CUSTOMER: 124 / WM LOGANO 573 BROOKFIELD

ORIGIN: CON / CONNECTICUT

TRUCK: BTC169

LICENSE:

ROUTE: NA / Non App

TRAILER #:

COMMENT:

P.O.:

GROSS: 88060 LBS

TARE: 34040 LBS

NET: 46020 LBS

CTA-173

COMMODITY	UNIT	NET/TONS
SET / CONTAMINATED SOIL	T	23.01

IN OPERATOR: scale

OUT OPERATOR: scale

In accordance with Massachusetts law, I certify
that the contents of this load is free of any
substances not authorized for acceptance at
Holyoke Landfill

Signature: 

WMA
HOLYOKE SANITARY LANDFILL
100 NEW HAVEN RD
SOUTH BRIDGE, MA 01565
SCALE HOUSE (401) 745-0101
BILLING OFFICE (401) 745-0101

TICKET: 67353
DATE: 05/22/2002
TIME: 14147 14156

CUSTOMER: 124 / AMERICAN 573 SMOKE TOLD

P.O.
GROSS: 76660 LBS
TARE: 27100 LBS
NET: 51560 LBS

ORIGIN: CON / CONNECTICUT
TRUCK: HA12 LICENSE
ROUTE: NA / NOT APP TRAILER: N1
COMMENTS

COMMODITY UNIT: 25/TONS
22 / CONTAMINATED SOIL T 25/TONS

IN OPERATOR: scale OUT OPERATOR: scale

In accordance with Massachusetts law, I certify
that the contents of this load is free of any
substances not authorized for acceptance at
Holyoke Landfill

Signature: 



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Material Shipping Record & Log

For the shipment of contaminated soil, urban fill, and dredge
materials not subject to management under section 310 CMR 40.0035
nor manifesting under 310 CMR 30.000

Tracking Number

J. Load Information

Note:
Make additional
copies of this page
as necessary.

Load#: 1

Signature of transporter

Date received 5-23-01

Time received 11:50 AM

Truck/Tractor registration

Load size (cubic yards/tons) 23.01

Load#: _____

Signature of transporter

Date received

Time received

Truck/Tractor registration

Load size (cubic yards/tons)

Load#: _____

Signature of transporter

Date received

Time received

Truck/Tractor registration

Load size (cubic yards/tons)

Receiving facility

Date of shipment

Trailer registration

Receiving facility

Date of shipment

Trailer registration

Receiving facility

Date of shipment

Trailer registration

K. Log Sheet Volume Information

Total volume this page (cubic yards/tons)

Total carried forward (cubic yards/tons)

Total carried forward and this page (cubic yards/tons)

Page _____ of _____



Massachusetts Department of Environmental Protection Bureau of Waste Prevention

Material Shipping Record & Log

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 90.000

Tracking Number _____

J. Load Information

Note:
Make additional
copies of this page
as necessary.

Load#: _____

Signature of transporter

5-24-02

Date received

10:30 AM

Time received

Truck/Tractor registration

70281

Load size (cubic yards/tons)

20.52

Load#: _____

Signature of transporter

Date received

Time received

Truck/Tractor registration

Load size (cubic yards/tons)

Load#: _____

Signature of transporter

Date received

Time received

Truck/Tractor registration

Load size (cubic yards/tons)

Receiving facility

5-24-02

Date of shipment

8:30 AM

Time of shipment

Trailer registration

DS 20470 ME

Receiving facility

Date of shipment

Time of shipment

Trailer registration

Receiving facility

Date of shipment

Time of shipment

Trailer registration

K. Log Sheet Volume Information

Total volume this page (cubic yards/tons)

Total carried forward (cubic yards/tons)

Total carried forward and this page (cubic yards/tons)

Page _____ of _____



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

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For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

Tracking Number _____

J. Load Information

Note:
Make additional
copies of this page
as necessary.

Load#:

Signature of transporter

Date received

Time received

Truck/Tractor registration

Load size (cubic yards/tons)

Receiving facility

Date of shipment

Time of shipment

Trailer registration

Load#:

Signature of transporter

Date received

Time received

Truck/Tractor registration

Load size (cubic yards/tons)

Receiving facility

Date of shipment

Time of shipment

Trailer registration

Load#:

Signature of transporter

Date received

Time received

Truck/Tractor registration

Load size (cubic yards/tons)

Receiving facility

Date of shipment

Time of shipment

Trailer registration

K. Log Sheet Volume Information

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Total carried forward (cubic yards/tons)

Total carried forward and this page (cubic yards/tons)

Page _____ of _____



Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

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Tracking Number

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Load Information

Note:
Make additional
copies of this
page as neces-
sary.

LOAD #:

SEAN FITZMAURICE

Signature of transporter

GRANTZ LANDFILL, MA

Receiving facility

5/22/02

Date received

10:12 AM

Time received

5/22/02

Date of shipment

7:50 AM

Time of shipment

3363DA

Truck/Tractor registration

N/A

Trailer registration

25.44

Load size (cubic yards/tons)

LOAD #:

SEAN FITZMAURICE

Signature of transporter

GRANTZ LANDFILL, MA

Receiving facility

5/22/02

Date received

2:47 PM

Time received

5/22/02

Date of shipment

12:45 PM

Time of shipment

3363DA

Truck/Tractor registration

N/A

Trailer registration

25.78

Load size (cubic yards/tons)

LOAD #:

Signature of transporter

Receiving facility

Date received

Time received

Date of shipment

Time of shipment

Truck/Tractor registration

Trailer registration

Load size (cubic yards/tons)

LOAD #:

Signature of transporter

Receiving facility

Date received

Time received

Date of shipment

Time of shipment

Truck/Tractor registration

Trailer registration

Load size (cubic yards/tons)

Log Sheet Volume Information

Total volume this page (cubic yards/tons)

Total carried forward (cubic yards/tons)

Total carried forward and this page (cubic yards/tons)

Page ____ of ____