# 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

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.

20 Station Road, Brookfield, CT Page 2 DES Project No. 1275

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

20 Station Road, Brookfield, CT Page 3 DES Project No. 1275

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.

20 Station Road, Brookfield, CT Page 4 DES Project No. 1275

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.

20 Station Road, Brookfield, CT Page 5 DES Project No. 1275

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 fbgs. 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 teed 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

20 Station Road, Brookfield, CT Page 6 DES Project No. 1275

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			s	ample <i>D</i>	esignati	on		<del>/                                    </del>	Stan	lard
	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	ИD	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	ИD	ND	ND	ND	ND	500	7	
MTBE	0.013	0.018	ND	ND	ND	ND	ND	ND	500	2	

Table 1 (continued)

Parameter		Sa	mple Designat	ion		Stand	lard
	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	77
MTBE	ND	ND	ND	ND	ND	500	

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

20 Station Road, Brookfield, CT Page 8 DES Project No. 1275

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.

20 Station Road, Brookfield, CT Page 9 DES Project No. 1275

## 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.

20 Station Road, Brookfield, CT Page 10 DES Project No. 1275

# 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."

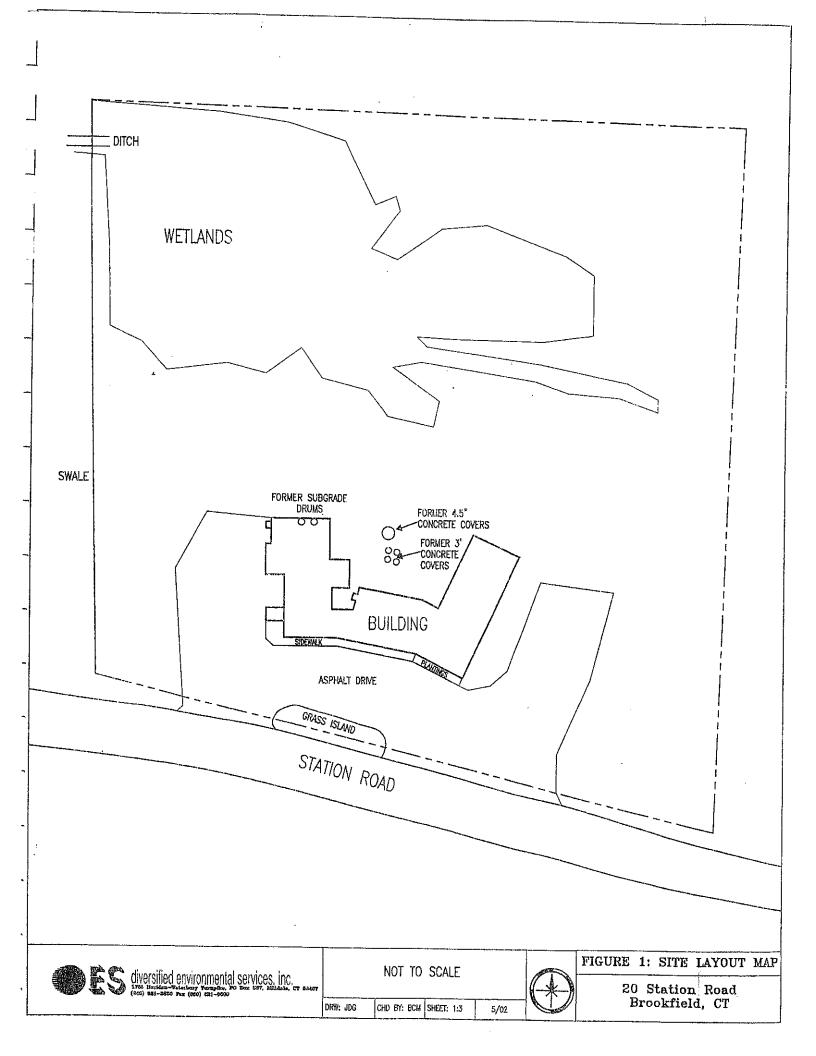
20 Station Road, Brookfield, CT Page 13 DES Project No. 1275

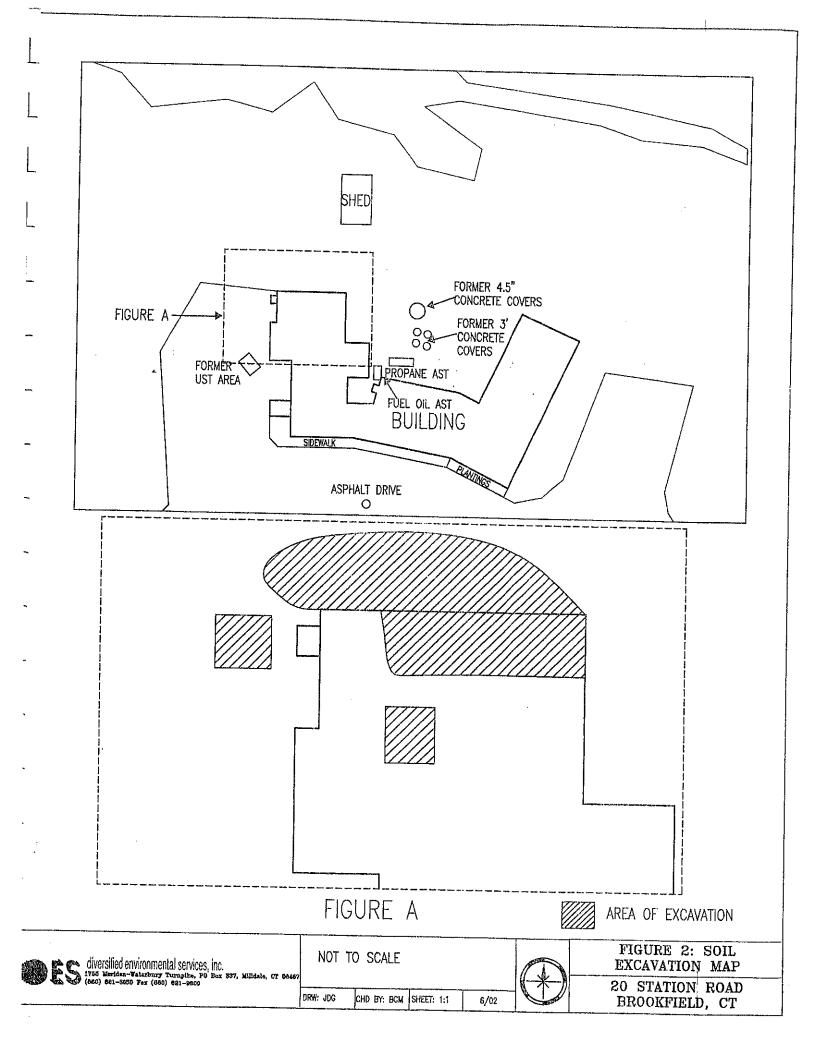
#### 7.2 Consultant

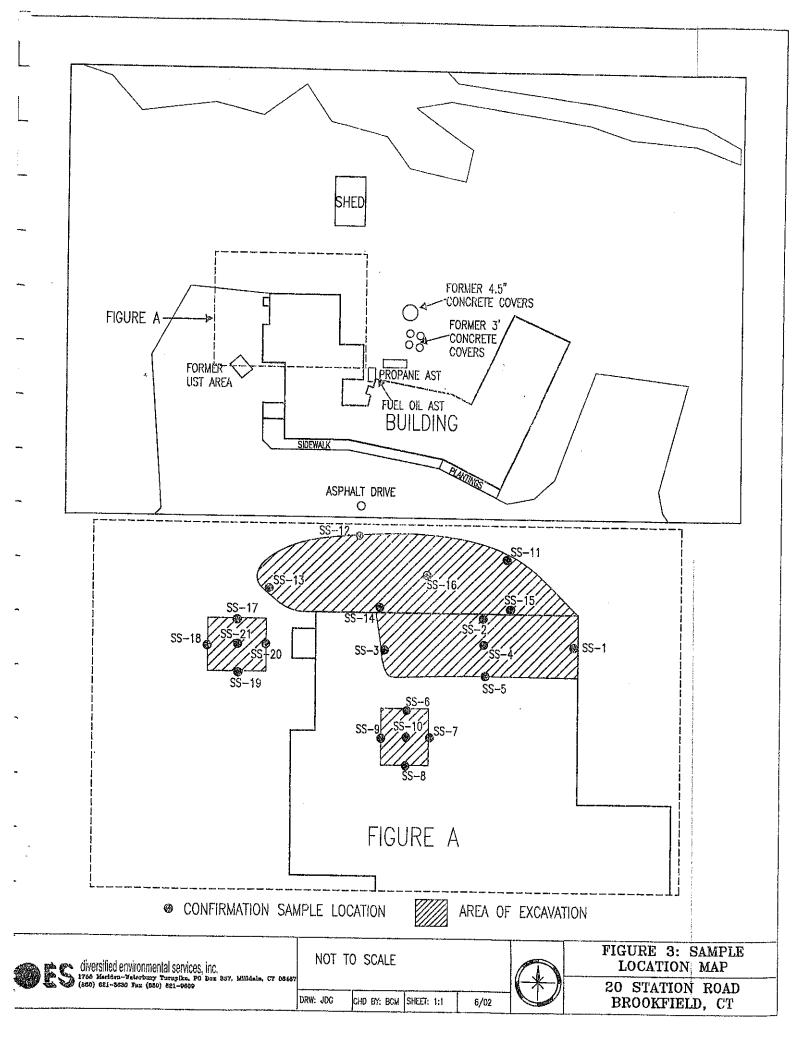
"I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete 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."

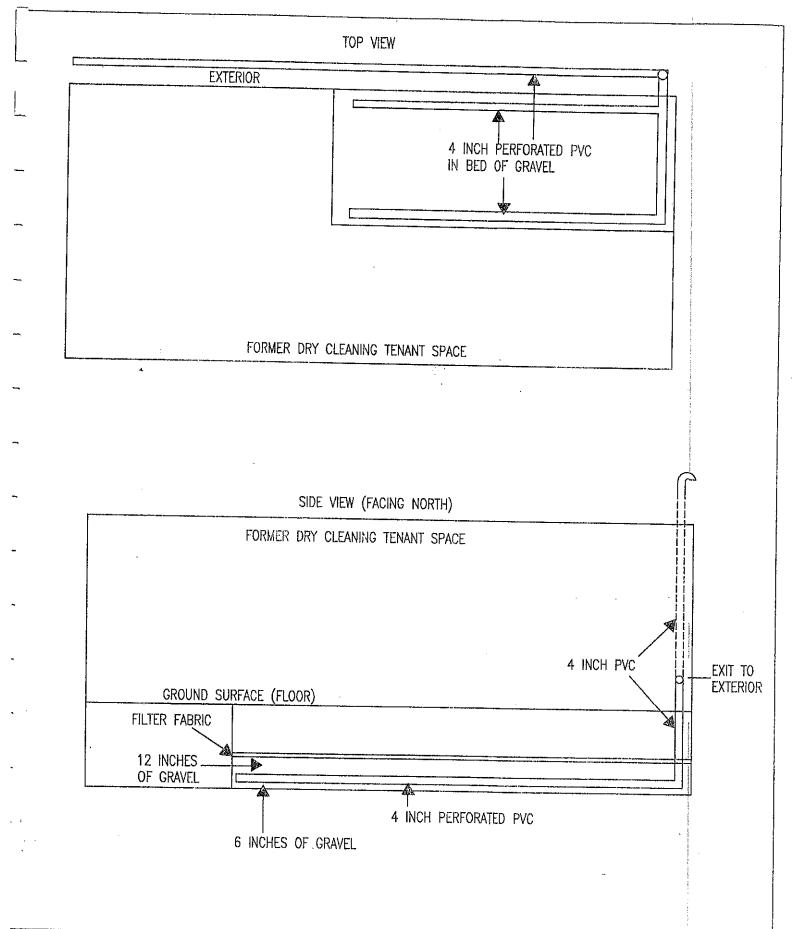
David J. Gworek, P. E., L.E.P

Date











NOT TO SCALE



FIGURE 4: VENTING SYSTEM DETAIL 20 STATION ROAD BROOKFIELD, CT



# 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
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 12/13/01. 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	- ATT-	01120327-02	
<u>Matrix</u>			SOIL		SOIL	<del></del>
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-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		1	Not detected	5.0	Not detected	5.0
Chlorobenzene		<u> </u>	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



Client Sample ID	- total liber betieve seemele of the final company of the company	and the second of a second second second	SS-3	With the state of	SS-4	
York Sample ID	VIVE REPORT OF THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO	O POR Anna Description and gray	01120327-03		01120327-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg				11122
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



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 clintion 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

VORK

Page 1 of 🖊

Field Chain-of-Custody Record

(203) 325-137; FAX (203) 357-0166 STAMFORD, CT 06906 ONE REBEARCH DRIVE

Description(s) 402 61655 01 8.46 Container @ 10,20 Samples Collected By (Signature) 12-13-01 MCMINI Name (Printed) ANALYSES REQUESTED VOC \$260 W/ MIRE Tum-Around Time Sample Received in LAB by Sample Received by がない 一般のでは、 Project ID/No. Date/Time McCarty Water Soil Air DTHER Sample Matrix Invoice To: Sample Relinquished by Sample Refinquisbad by Sark Date Sampled 10/21/21 Report To: Boya McMin Date/Time Date/Time Location/ID 55-3 55-2 23-1 5-4 Comments/Special Instructions Bottles-Relinquished-from-Lab-by Chain-of-Custody Record Bottles Received in Field by Company Name 755 Merden-With Sample No. 4  $\sim$ 

 $ilde{\lambda}$  Standard

RUSH(define)

# 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 identifed 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')	T	SS-6 (4.5')	
York Sample ID			01120505-01		01120505-02	
Matrix			SOIL			
Parameter	Method	Units	Results	MINT	SOIL	
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	Acsults	MDL	Results	_MDI
1,1,1,2-Tetrachloroethane		<u> </u>	Not detected			
1,1,1-Trichloroethane	· · · · · · · · · · · · · · · · · · ·			5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane	<del> </del>		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
1.2.2 Tricklenst			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	
1,2,4-Trimethylbenzene		<del></del>	Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	······································	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected		Not detected	5.0
1,2-Dichloroethane				5.0	Not detected	5.0
			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	<del></del> -	SOIL	- <del> </del>
Parameter 12 Di-11	Method	Units	Results	MDL	Results	ACIDI
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	MDL
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	5	5.0 5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0 5.0
1-Chlorohexane			Not detected	5.0	Not detected	·
2,2-Dichloropropane			Not detected	5.0	Not detected  Not detected	5.0
2-Chlorotoluene			Not detected	5.0		5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene		1	Not detected	5.0	Not detected	5.0
Bromobenzene		† <del></del>	Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	5.0
Bromodichloromethane		<u> </u>	Not detected	50	Not detected	50
Bromoform		<del> </del>	Not detected	5.0	Not detected	50
Bromomethane			Not detected	50	Not detected	5.0
Carbon tetrachloride		<del> </del>	Not detected	5.0	Not detected	50
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	5.0
Chloromethane		<b> </b>	Not detected	50	Not detected	50
cis-1,3-Dichloropropylene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	50
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	Not detected	5.0
Methylene chloride			Not detected	5.0	19 Not detected	5.0
Naphthalene			Not detected	5.0		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 Not detected	5.0
Tetrachloroethylene			200	5.0		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  Not detected	5.0

Not detected   So   Not	Client Sample ID	The state of the s	Allega and a second a second and a second and a second and a second and a second an	SS-7 (4.5')		CC Q (4 Ph	
Parameter		A STATE OF THE PARTY OF THE PAR	***************************************	The second secon			
Not detected   S.0   Not det			<del>                                     </del>		<del>-  </del>		
Volatiles-8260+WTBE soft   1,1,1-Trichhoroethane   Not detected   5.0		Method	Units		MDI		
1,1,2-1'etrachloroethane		SW846-8260		accounts		Results	
A.1.1-Trichioroctiane				Not detected			
1,1,2-Trichloroethane							
Not detected   S.0   Not det							
1,1-Dichlorochtane			<u></u>				
April   Apri			<del></del>				
1,2-3-Trichloroberpopylene   Not detected   5.0 Not detected   5.0     1,2,3-Trichloroberpope   Not detected   5.0 Not detected   5.0     1,2,3-Trichloroberpope   Not detected   5.0 Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0 Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0 Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0 Not detected   5.0 Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0 Not detected   5.							
1,2,3-Trichloropropane   Not detected   5.0 Not detected   5.0     1,2,3-Trichloropropane   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     1,2,4-Trimethylbenzene   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-Dichlorothylene (Total)   Not detected   5.0 Not detected   5.0     1,2-Dichlorothylene (Total)   Not detected   5.0 Not detected   5.0     1,2-Dichloropopane   Not detected   5.0 Not detected   5.0     1,3-Trimethylbenzene   Not detected   5.0 Not detected   5.0     1,3-Trimethylbenzene   Not detected   5.0 Not detected   5.0     1,3-Dichloropopane   Not detected   5.0 Not detected   5.0     1,3-Dichloropopane   Not detected   5.0 Not detected   5.0     1,3-Dichloropopane   Not detected   5.0 Not detected   5.0     1,4-Dichlorobenzene	1,1-Dichloropropylene						
1,2,3-Trientotypropane   Not detected   5.0 Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0 Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0 Not detected   5.0     1,2,4-Trimethylbenzene   Not detected   5.0 Not detected   5.0     1,2-Dibromoethane   Not detected   5.0 Not detected   5.0     1,3-Dibromoethane   Not detected   5.0 Not detected   5.0     1,4-Dibropropane   Not detected   5.0 Not detected   5.0     1,4-Dibropropane   Not detected   5.0 Not detected   5.0     1,4-Dibropropane   Not detected   5.0 Not detected   5.0     1,2-Dibropropane   Not detected   5.0 Not detected   5.0     1,2-Dibropropane   Not detected   5.0 Not detected   5.0     1,2-Dibropropane   Not detected   5.0 Not detected   5.0     1,3-Dibropropane   Not detected   5.0 Not detected   5.0     1,3-Dibropropane   Not detected   5.0 Not detected   5.0 Not detected   5.0 Not detected   5.0     1,4-Dibropropane   Not detected   5.0 Not det	1,2,3-Trichlorobenzene			Not detected			
1,2,3-17methylbenzene   Not detected   5.0   Not detected   5.0     1,2,4-Trimethylbenzene   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-Dichlorochane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-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     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichloropenzene   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   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     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichloropropane   Not detected   5.0   Not detected   5.0     1,4-Dichloropropane   Not detected   5.0   Not detected   5.0     1,5-Dichloropropane   Not detected   5.0   Not detected   5.0			<del></del>	Not detected			
1,2,4-1 trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-1 Trichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dibromo-3-chloropropane   Not detected   5.0   Not detected   5.0     1,2-Dibromo-thane   Not detected   5.0   Not detected   5.0     1,2-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,2-Dichlorochtane   Not detected   5.0   Not detected   5.0     1,2-Dichlorochtane   Not detected   5.0   Not detected   5.0     1,2-Dichlorochtane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1,4-Dichloropropane   Not detected   5.0   Not detected   5.0     1,4-Dichlorobenzene   Not detected   5.0   Not detected   5.0     1-Ciliorobenzene   Not detected   5.0   Not detected   5.0     1-Ciliorobenzene   Not detected   5.0   Not detected   5.0     2-Dichloropropane   Not detected   5.0   Not detected   5.0     2-Dichloropropane   Not detected   5.0   Not detected   5.0     4-Chlorotoluene   Not detected   5.0   Not detected   5.0     4-Chlorotoluene   Not detected   5.0   Not detected   5.0     Bromochloromethane   Not detected   5.0   Not detected   5.0     Chlorofhane   Not detected   5.0   Not detected   5.0     Chloromethane   Not detected   5.0   Not detected   5.0     Chloromethane   Not detecte	1,2,3-Trimethylbenzene		<del></del>				
1,2,4-Timethylbenzene   Not detected   5.0   Not	1,2,4-Trichlorobenzene						
1,2-Dibromo-3-chloropropane	1,2,4-Trimethylbenzene				~- <del> </del>		· <del>l</del>
1,2-Dibnomethane	1,2-Dibromo-3-chloropropane						<del></del>
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     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   Not detected   5.0   Not detected   5.0     1,3-Dichloropropane   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     1,4-Dichloropropane   Not detected   5.0   Not detected   5.0     1,2-Dichloropropane   Not detected   5.0   Not detected   5.0     1,4-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     2,2-Dichloropropane   Not detected   5.0   Not detected   5.0     4-Chlorotoluene   Not detected   5.0   Not detected   5.0     4-Chlorotoluene   Not detected   5.0   Not detected   5.0     Benizone   Not detected   5.0   Not detected   5.0     Bromobenzene   Not detected   5.0   Not detected   5.0     Bromochloromethane   Not detected   5.0   Not detected   5.0     Bromochloromethane   Not detected   5.0   Not detected   5.0     Bromochloromethane   Not detected   5.0   Not detected   5.0     Bromomethane   Not detected   5.0   Not detected   5.0     Bromomethane   Not detected   5.0   Not detected   5.0     Chlorobenzene   Not detected   5.0   Not detected   5.0     Chlorobenzene   Not detected   5.0   Not detected   5.0     Chlorobenzene   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     Dibromomethane   Not detected	1,2-Dibromoethane						
1,2-Dichloroethylene (Total)	1,2-Dichlorobenzene		<del></del>				
1,2-Dichloropropane					~ <del> </del>		
1,2-Dichloropropane	1,2-Dichloroethylene (Total)						
1,3,5-17menylbenzene Not detected 5.0 No	1,2-Dichloropropane		·				
1,3-Dichlorobenzene   Not detected   5.0   Not detected   5.0	1,3,5-Trimethylbenzene		· <del></del>			Not detected	
1,3-Dichloropropane   Not detected   5.0   Not detected   5.0	1,3-Dichlorobenzene						
1-(4-1)ichlorobenzene Not detected 5.0 Not detected 5.0 2,2-Dichloropropane Not detected 5.0 Not detected 5.0 2,2-Dichloropropane 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 Bromoensene Not detected 5.0 Not detected 5.0 Bromoelhoromethane Not detected 5.0 Not detected 5.0 Bromoform Not detected 5.0 Not detected 5.0 Bromomethane 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 Chloroform 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 Dibromochloromethane Not detected 5.0 Not detected 5.0 Dibromochloromethane Not detected 5.0 Not detected 5.0 Dibromochloromethane Not detected 5.0 Not detected 5.0 Dibromomethane Not detected 5.0 Not detect	1,3-Dichloropropane				·		
Not detected   S.0   Not detected   S.0   Not detected   S.0	1,4-Dichlorobenzene						
2-Dichloropropane Not detected 5.0 Not detected 5.0  2-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 5.0 Not detected 5.0  Bromoform Not detected 5.0 Not detected 5.0  Bromoform Not detected 5.0 Not detected 5.0  Bromoform 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  Chloroform Not detected 5.0 Not detected 5.0  Chloroform 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  Ediplomomethane Not detected 5.0 Not detected 5.0  Dibromochloromethane Not detected 5.0 Not detected 5.0  Dibromochloromethane Not detected 5.0 Not detected 5.0  Ethylbenzene Not detected 5.0 Not detected 5.0  Hexachlorobutadien Not detected 5.0 Not detected 5.0  Hexachlorobutadiene Not detected 5.0 Not detected 5.0  Methyl tert-butyl ether (MTBE) 11 5.0 24 5.0  Methyl tert-butyl ether (MTBE) 11 5.0 24 5.0  Naphthalene Not detected 5.0 Not detected 5.0  Naphthalene Not detected 5.0 Not detected 5.0  Naphthalene Not detected 5.0 Not detected 5.0  Naphthalene Not detected 5.0 Not detected 5.0  Naphthalene Not detected 5.0 Not detected 5.0  Not detected 5.0 Not detected 5.0							
2-Chlorotoluene	2,2-Dichloropropane				f		
Not detected   S.0   Not detected   S.0   Not detected   S.0	2-Chlorotoluene				<del></del>		
Bromobenzene Not detected 5.0 Not detected 5.0 Bromochloromethane Not detected 5.0 Not detected 5.0 Bromochloromethane Not detected 5.0 Not detected 5.0 Bromoform Not detected 5.0 Not detected 5.0 Bromomethane Not detected 5.0 Not detected 5.0 Bromomethane 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 Chloroform 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 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 Dibromochloromethane Not detected 5.0 Not detected 5.0 Dibromochloromethane Not detected 5.0 Not detected 5.0 Dichlorodifluoromethane Not detected 5.0 Not detected 5.0 Bethylbenzene Not detected 5.0 Not detected 5.0 Mot detected 5.0 Not detected 5.0 Bethylbenzene Not detected 5.0 Not detected 5.							
Bromochloromethane Not detected 5.0 Not detected 5.0 Bromochloromethane Not detected 50 Not detected 50 Bromoform Not detected 5.0 Not detected 50 Bromoform Not detected 5.0 Not detected 5.0 Bromomethane 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 Chloroform Not detected 5.0 Not detected 5.0 Chloromethane Not detected 5.0 Not detected 5.0 Chloromethane Not detected 5.0 Not detected 5.0 Chloromethane Not detected 5.0 Not detected 5.0 Dibromochloromethane 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 Bithylbenzene Not detected 5.0 Not detected 5.0 Bithylbenzene Not detected 5.0 Not detected 5.0 Bithylbenzene 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							
Bromochoromethane Bromodichloromethane Bromodichloromethane Bromomethane Bromodichloromethane Bromomethane Bromomethane Bromodichloromethane Bromodichloromet	Bromobenzene						
Bromodichloromethane Bromoform Not detected Bromomethane Bromomethane Not detected Bromomethane Not detected So Not detected S	Bromochloromethane				·		
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 Chloroform 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 Chloromethane Not detected 5.0 Not detected 5.0 Chloromethane 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 Bethylbenzene 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 Naphthalene Not detected 5.0			<del></del>				
Bromomethane Carbon tetrachloride Chlorobenzene Chloroethane Chloroethane Chloroethane Chloromethane Not detected So Not detec							
Carbon tetrachloride 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 Chloromethane Not detected 5.0 Not detected 5.0 Chloromethane 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 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 Hexachlorobutadiene Not detected 5.0 Not detected 5.0 Mot detected 5.0 Not detected 5.0							
Chlorobenzene Not detected 5.0 Not detected 5.0 Chloroform Not detected 5.0 Not detected 5.0 Chloromethane Not detected 5.0 N			-				
Chloroferm Chloroform Not detected Chloromethane Chloromethane Not detected Chloromethane Not detected So Not							
Chloroform Chloromethane Chloromethane Chloromethane Not detected Not detected Not detected So					~~~		
Chloromethane  Cis-1,3-Dichloropropylene  Dibromochloromethane  Dibromomethane  Dibromomethane  Not detected  Not							
Dibromochloromethane Dibromomethane Not detected Dibromomethane Not detected Dibromomethane Not detected Dibromomethane Not detected Not detected Dibromomethane Not detected Dibromomethane Not detected Not detected Dibromomethane Dibromomethane Not detected Dibromomethane Dibromomethane Dibromomethane Not detected Dibromomethane							~~~~
Dibromochloromethane Dibromomethane Not detected Dichlorodifluoromethane Not detected Ethylbenzene Ethylbenzene Hexachlorobutadiene Isopropylbenzene Methyl tert-butyl ether (MTBE) Methylene chloride Not detected N							
Dibromomethane  Dichlorodifluoromethane  Ethylbenzene  Mot detected  Not							
DichlorodifluoromethaneNot detected5.0Not detected5.0EthylbenzeneNot detected5.0Not detected5.0HexachlorobutadieneNot detected5.0Not detected5.0IsopropylbenzeneNot detected5.0Not detected5.0Methyl tert-butyl ether (MTBE)115.0245.0Methylene chlorideNot detected5.0Not detected5.0NaphthaleneNot detected5.0Not detected5.0n-ButylbenzeneNot detected5.0Not detected5.0n-PropylbenzeneNot detected5.0Not detected5.0							
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  n-Butylbenzene Not detected 5.0 Not detected 5.0  n-Propylbenzene Not detected 5.0 Not detected 5.0	Dichlorodifluoromethane						
Not detected   S.0   Not detected   S.0							
Not detected   S.0   Not detected   S.0							
Methyl tert-butyl ether (MTBE)115.0245.0Methylene chlorideNot detected5.0Not detected5.0NaphthaleneNot detected5.0Not detected5.0n-ButylbenzeneNot detected5.0Not detected5.0n-PropylbenzeneNot detected5.0Not detected5.0							
Methylene chlorideNot detected5.0Not detected5.0NaphthaleneNot detected5.0Not detected5.0n-ButylbenzeneNot detected5.0Not detected5.0n-PropylbenzeneNot detected5.0Not detected5.0	Methyl tert-butyl ether (MTBE)						
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							
n-Butylbenzene Not detected 5.0 Not detected 5.0							
n-Propylbenzene							
I TABLEBUILD I THE I MAN ASSAULT I A COMPANIE OF THE PROPERTY	n-Propylbenzene			Not detected	5.0	Not detected  Not detected	5.0

Client Sample ID			SS-7 (4.5')	***************************************	CC 0 (4 51)	
York Sample ID	(A)		01120505-03	*************	SS-8 (4.5')	
Matrix				<u> </u>	01120505-04	
Parameter	Method	Units	SOIL		SOIL	
o-Xylene	1/1CIROU	Units	Results	MDL	Results	MDL
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene	<u> </u>		Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene		1	Not detected	5.0		
tert-Butylbenzene		<del> </del>	Not detected		Not detected	5.0
Tetrachloroethylene		<del> </del>		5.0	Not detected	5.0
Toluene		<del> </del>	Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene		ļ <u></u>	Not detected	5.0	Not detected	5.0
Tails-1,3-Dictioropropylene	<del></del>		Not detected	5.0	Not detected	5.0
Trichloroethylene		<u> </u>	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')	THE PARTY OF THE PARTY OF
York Sample ID	((()))	COA SECTION SECTION	01120505-05	T 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	01120505-06	THE PERSON NAMED OF THE PERSON
- Matrix		<u> </u>	SOIL		SOIL	ļ
Parameter	Method	Units	Results	MDL	Results	MIDY
Volatiles-8260+MTBE soil	SW846-8250	ug/Kg	ZECOURTS	1413217	Resums	MDL
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	
1,1,1-Trichloroethane			Not detected	5.0	Not detected  Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane		<u> </u>	Not detected	5.0	Not detected  Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0		5.0
1,1-Dichloropropylene		<del></del>	Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane	-	<del></del> -	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  Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected  Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected  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		Not detected	5.0
1-Chlorohexane			Not detected  Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene				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	5.0	Not detected	5.0
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	50	Not detected	50
DIOMOTOLIII			Not detected	5.0	Not detected	5.0

Client Sample ID	The state of the s	***************************************	SS-9 (4.5')	1	00 40 41	-
York Sample ID		-	01120505-05		SS-10 (4.5')	
Matrix		<del></del>	SOIL	<del> </del>	01120505-06	
Parameter	Method	Units			SOIL	<u> </u>
Bromomethane		Units	Results Not detected	MDL	Results	MDL
Carbon tetrachloride				50	Not detected	50
Chlorobenzene		<del>-</del>	Not detected	5.0	Not detected	5.0
Chloroethane		<del></del>	Not detected	5.0	Not detected	5.0
Chloroform	<del></del>	<del>-</del>	Not detected	5.0	Not detected	5.0
Chloromethane		<del> </del>	Not detected	50	Not detected	50
cis-1,3-Dichloropropylene		<del> </del>	Not detected	50	Not detected	.50
Dibromochloromethane		<del> </del>	Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane		<del> </del>	Not detected	5.0	Not detected	5.0
Ethylbenzene		ļ	Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene		<u> </u>	Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0	Not detected	5.0
Methylene chloride			13	5.0	18	5.0
			Not detected	5.0	Not detected	5.0
Naphthalene	<del></del>		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	5	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	
Vinyl chloride			Not detected	50	Not detected	5.0 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 nontarget analytes and matrix interference.
- 2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
- York's liability for the above data is limited to the dollar value paid to York for the referenced project.
- This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
- All samples were received in proper condition for analysis with proper documentation.
- All analyses conducted met method or Laboratory SOP requirements.
- It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:	Date: 1/2/2002
Robert Q. Bradley	- WITT 1/2/2002
Managing Director	



# Technical Report

prepared for

Diversified Environmental Serv. 1755 Meriden-Waterbury Tpk. P.O. Box 337 Willdale, 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	<del></del>
Parameter	Method	Units	Results	MDL	Results	2427
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg		1713732	Kesuits	MDI
1,1,1,2-Tetrachloroethane		9	Not detected	5.0	Not detected	
1,1,1-Trichloroethane			Not detected	5.0	· · · · · · · · · · · · · · · · · · ·	5.0
1,1,2,2-Tetrachloroethane		<del></del>	Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected		Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene		<u>.</u>	Not detected  Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene				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
2 Dibrama 2 ablanceme			Not detected	5.0	Not detected	5.0
,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		The state of the land drawn	SS-11/6	-	SS-12/6	
York Sample ID			02050589-01		02050589-02	<u> </u>
Matrix			SOIL	<del></del>	SOIL	
Parameter	Method	Units	Results	MDL	Results	NATA
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	MDL
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  Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected  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	5.0
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform		<u> </u>	Not detected	5.0	Not detected	50
Bromomethane			Not detected	5.0	Not detected  Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected  Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected  Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected  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 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
Trichiorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0

Client Sample ID			SS-13/5.5		SS-14/4.5	<b>T</b>
York Sample ID	_ <del> </del>		02050589-03	-	02050589-04	
Matrix			SOIL		SOIL	<del>                                     </del>
Parameter Valuti 0260 T	Method	Units	Results	MDL		MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg			results	IATOT
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	
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		5.0
1,2,3-Trichlorobenzene		<del>-,</del>	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		<del></del>	Not detected		Not detected	5.0
1,2,4-Trimethylbenzene			Not detected  Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected.	5.0	Not detected	5.0
1,2-Dibromoethane	<del></del>		Not detected.	5.0	Not detected	5.0
1,2-Dichlorobenzene	<del></del>		Not detected	5.0	Not detected	5.0
1,2-Dichloroethane		<del></del>	Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)				5.0	Not detected	5,0
1,2-Dichloropropane	<del></del>		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	<del></del>		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 Not detected	5.0	Not detected	5.0
2-Chlorotoluene				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	<del></del>		Not detected	5.0	Not detected	5.0
Bromodichloromethane	- <del></del>		Not detected	50	Not detected	50
Bromoform			Not detected	50	Not detected	50
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		<del></del>	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
T. Dat A LOCHTS CHE	Ì		Not detected	5.0	Not detected	5.0



Client Sample ID	The state of the s	10 to	SS-13/5.5			-
York Sample ID	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE OWN	THE PARTY IS NOT THE OWNER.	A TANK OF STREET SHOULD SHOW THE PERSON OF T	THE CITY OF VANCOUS ASSESSMENT	SS-14/4.5	
Matrix		- <del></del>	02050589-03	- <del></del>	02050589-04	
Parameter	Method	Tĭ34-	SOIL	ļ	SOIL	
n-Propylbenzene	Trictitoff	Units	Results	MDL	Results	MDI
o-Xylene		<del>- </del>	Not detected	5.0	Not detected	5.0
p- & m-Xylenes	<del></del>		Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene		<u> </u>	Not detected	5.0	Not detected	5.0
Styrene		ļ	Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
			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	
Trichloroethylene			Not detected	5.0	Not detected Not detected	5.0
Trichlorofluoromethane			Not detected	5.0		5.0
Vinyl chloride		† <del></del>	Not detected		Not detected	5.0
	-		TADE (IC (CC)C(I	5.0	Not detected	5.0

Client Sample ID			SS-15/4.5	T	50.167	***
York Sample ID	The second secon	THE PERSON NAMED IN	02050589-05	- AMERICAN AND PROPERTY OF	SS-16/7	
Matrix		<del> </del>	SOIL	<u> </u>	02050589-06	ļ
Parameter	Method	Units	Results	7 Ex	SOIL	· ·
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	Results	MDL	Results	MDL
1,1,1,2-Tetrachloroethane	31.010.0250	ug/IXg	Not detected			
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane				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	<u> </u>		Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene		<u> </u>	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		<del></del>	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		<del></del>	Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)		- <del></del>	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	5.0	Not detected	5.0
Bromodichloromethane			Not detected	50	Not detected	50
Diomodichioromethane			Not detected	50	Not detected	50



Client Sample ID			SS-15/4.5	***************************************	SS-16/7	<del></del>
York Sample ID			02050589-05	-	STATE OF THE OWNER, WHEN PARKS AND PARKS.	-
Matrix		<del> </del> -	SOIL	<del> </del>	02050589-06	<del> </del>
Parameter	Method	Units	Results	7.50	SOIL	
Bromoform		Units	Not detected	MDL	Results	MDL
Bromomethane	· · · · · · · · · · · · · · · · · · ·	<del></del>		5.0	Not detected	5.0
Carbon tetrachloride		<del> </del>	Not detected	5.0	Not detected	5.0
Chlorobenzene	· · · · · · · · · · · · · · · · · · ·	<del> </del>	Not detected	5.0	Not detected	5.0
Chloroethane		<del>-</del>	Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane		<del> </del>	Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene		<del> </del>	Not detected	5.0	Not detected	5.0
Dibromochloromethane		<del> </del>	Not detected	5.0	Not detected	5.0
Dibromomethane		<u> </u>	Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene		<u> </u>	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
			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	
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		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 Not detected	5.0 5.0

Client Sample ID			SS-17/4.5		60 10/4	7
York Sample ID		-	02050589-07		SS-18/4.5	
Matrix		<del></del>	SOIL	<del></del> ,	02050589-08	<u> </u>
Parameter	Method	Units			SOIL	
Volatiles-8260+MTBE soil	SW846-8260	<del></del>	Results	MDL	Results	MDI
1,1,1,2-Tetrachloroethane	5 11 0 70 - 02 00	ug/Kg				
1,1,1-Trichloroethane		<u> </u>	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
	<u> </u>		Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene		<u> </u>	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	
1,2,3-Trimethylbenzene			Not detected	5.0	· · · · · · · · · · · · · · · · · · ·	5.0
1,2,4-Trichlorobenzene			Not detected		Not detected	5.0
1,2,4-Trimethylbenzene	T		z tot delected	5.0	Not detected	5.0
	<u> </u>		<u>)</u>	5.0	5	5.0



Client Sample ID  York Sample ID	The state of the s		SS-17/4.5		SS-18/4.5	7
Matrix			02050589-07		02050589-08	Name and Address of the Owner, which the
Parameter	***		SOIL		SOIL	<b>—</b> —
1,2-Dibromo-3-chloropropane	Method	Units	Results	MDL	Results	MDL
1,2-Dibromoethane	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene		<u> </u>	Not detected	5.0	Not detected	5.0
			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		ļ. <u></u>	Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene	<del></del>		Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene		<u> </u>	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 Chloromethane			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane 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 Naphthalene	— <del></del>		Not detected	5.0	Not detected	5.0
n-Butylbenzene	- <del></del>	<del></del>	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	<del></del>		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	— <u>— — — — — — — — — — — — — — — — — — </u>		Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			26	5.0	24	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
Comment of the Commen	STATEMENT OF THE PROPERTY OF T	************	Not detected	5.0	Not detected	5.0

Client Sample ID York Sample ID			SS-19/4.5		SS-20/4.5	1
Matrix			02050589-09	er of Divin any commit Visitation	02050589-10	
			SOIL		SOIL	<del> </del>
Parameter Volatiles-8260+MTBE soil	Method	Units	Results	MDL	Results	MDL
1 1 1 2 Total and 1	SW846-8260	ug/Kg				
1,1,1,2-Tetrachloroethane	<u> </u>		Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane	<u> </u>		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  Not detected	5.0
Benzene			Not detected	5,0	Not detected  Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected  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	
Carbon tetrachloride			Not detected	5.0	Not detected  Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected  Not detected	5.0
Chloroethane			Not detected	5.0	Not detected  Not detected	5.0
Chloroform		<del>-                                    </del>	Not detected	. 5.0	Not detected  Not detected	5.0
Chloromethane			Not detected	5.0	Not detected  Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected  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		<del></del>	Not detected	5.0		5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected		Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene		-	Not detected Not detected		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
Harris and Marian State of the			TAOL DESCRET	5.0	Not detected	5.0

Client Sample ID		The state of the s	SS-19/4.5		CC 2014 #	
York Sample ID			02050589-09		SS-20/4.5	-
Matrix		<del> </del>	SOIL	<del> </del>	02050589-10	<u> </u>
Parameter	Method	Units	Results	ACDY	SOIL	
p- & m-Xylenes		Cinto		MDL	Results	MDL
p-Isopropyltoluene		<del> </del>	Not detected	5.0	Not detected	5.0
sec-Butylbenzene		ļ	Not detected	5.0	Not detected	5.0
		<u> </u>	Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene		<u> </u>	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		
Trichlorofluoromethane		<del> </del>	Not detected		Not detected	5.0
Vinyl chloride		<del>                                     </del>		5.0	Not detected	5.0
-y			Not detected	5.0	Not detected	5.0

Client Sample ID			SS-21/8	
York Sample ID			02050589-11	<del> </del>
Matrix			SOIL	<del> </del>
Parameter	Method	Units	Results	MDL
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg	103443	.17,13,7
1,1,1,2-Tetrachloroethane		32 32	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	
1,2,4-Trichlorobenzene		<del></del>	Not detected  Not detected	5.0
1,2,4-Trimethylbenzene			5	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane		<del></del>	Not detected Not detected	5.0
1,2-Dichlorobenzene			Not detected Not detected	5.0
1,2-Dichloroethane			Not detected  Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected Not detected	5.0
1,2-Dichloropropane			Not detected Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected Not detected	5.0
1,4-Dichlorobenzene		······	Not detected	5.0
1-Chlorohexane				5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene	<del></del>		Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene	<del></del>		Not detected	5.0
Bromobenzene		<u>-</u>	Not detected	5.0
Bromochloromethane			Not detected	5.0
Bromodichloromethane	<del></del>		Not detected	50
Bromoform			Not detected	50
Bromomethane			Not detected	5.0
Diomonicmane			Not detected	5.0

Client Sample ID			SS-21/8	
York Sample ID			02050589-11	
Matrix			SOIL	<del> </del>
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		<del>                                     </del>	Not detected	5.0
Ethylbenzene		<del> </del> -	Not detected	5.0
Hexachlorobutadiene		<del></del>	Not detected	5.0
Isopropylbenzene		<u> </u>	Not detected	5.0
Methyl tert-butyl ether (MTBE)			Not detected	5.0
Methylene chloride		<del></del>	Not detected	5.0
Naphthalene		<del></del>	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

CHAIN OF CUSTODY

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

ANALYSIS REQUESTED

070 JUSU 11

Page of

٠. IN 2928 Sprofe PRESERVA-TIVES (IF ANY) Syce Meming. TYPE OF CONTAINERS 402 Just # OF CONTAINERS 4 SAMPLE TYPE (well wtr., municipal wtr., waste wrr, etc.) REPORT TO: S TIME diversified environmental services (860) 621-3630 - Fax (860) 621-9609 1755 Meriden-Waterbury Tumpike PO'Box 337 - Milldale, CT 06467 DATE COLLECTED Sopels SAMPLE ID (DESCRIP AND/OR ID!). 7 25th the Rd 7 7 H. J. Ç Ç 0 58-16 22-12 65-20 55.15 81日 55-19 55-13 8-18 ントング 11-18

REMARKS & NOTES:

DATEITIME: 5/25

RECEIVED BY:

12402

DATE/TIME;

REMAQUISHED BY:

DATE/TIME:

RELINQUISHED BY:

RECEIVED BY

5-23-02

DATE/TIME:

AECEIVED BY

DATETIME

RELINQUISHED BY:

11.33 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: 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 LD. 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	<u> </u>
York Sample ID			02060163-01		02060163-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDI
Volatiles-8260+MTBE water	SW846-8260	uġ/L	***	1/11/2/	Results	IVIDI
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	
1,1-Dichloroethane			Not detected	1		1
1,1-Dichloroethylene			Not detected	<u>_</u>	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene				1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1_
1,2,3-Trimethylbenzene			Not detected	<u> </u>	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
			Not detected	11	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	<del>- i</del>
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	<del> </del>
Parameter 1.2 Dishlar dishlar	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	$\frac{1}{1}$
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 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	$\frac{1}{1}$
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	$-\frac{1}{1}$
Bromoform			Not detected	1 1	Not detected	1
Bromomethane			Not detected	1	Not detected	$\frac{1}{1}$
Carbon tetrachloride			Not detected	1 1	Not detected	<u>1</u>
Chlorobenzene			Not detected	<del>                                     </del>	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	I	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	$\frac{1}{1}$
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride	·		Not detected	ī	Not detected	$\frac{1}{1}$

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 nontarget 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:		Date: 6/12/2002
A	Robert Q. Bradley Managing Director	<b>Date:</b> 0/12/2002

REMARKS & NOTES: P250V Š PRESERVA-TIVES (IF ANY) 구 7 TYPE OF CONTAINERS 2 VOA Bryce McMinn 2.VOA DATE/TIME: DATE/TIME: DATE/TIME: # OF CONTAINERS ~ 7 SAMPLE TYPE (well wit. municipal wit. waste wir, etc.) REPORT TO: 3 0 3 RECEIVED BY: RECEIVED BY: RECEIVED BY: TIME 5 :: ! 11:15 (860) 621-3630 - Fax (860) 621-9609 7.33 DATE G[5/02 | G(5/22. Datetime GS02 DATE/TIME: DATETIME SAMPLE ID (DESCRIP AND/OR ID!) RELINQUISHED BY: RÉLINQUISHED BY: Trip 3

		ar organisater og singer en en en en en en en en en skanen en en en	
	Proposition of the second of t		
	en e		
		e de la companya de La companya de la companya de l	
		en e	
Programme of the second of the			
		en de la companya de La companya de la co	



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 Massachuestis Conlingency Plan nor is li to be used in lieu of a hazardous waste manifest for hazardous wasio of recyclable materials subject to the Massachusetts Hazardous Wasto Regulations 310 CMR 30.000,

Massachusetts Department of Environmental Protection Bureau of Waste Prevention

# Material Shipping Record & Log

Tracking Number

For the shipme section 310 Ci	ent of contaminated s MR 40.0035 nor mån	oll, urban fill, an Ifestina under 31	d dredge materials 10 CMR 30.000	s <b>not</b> subject to m	anagement under
KG3273568	on Information	an anna mananananan da			
1. Provide line fol	lowing information on the	location where the	wasia was generaled:		
Reduced Datifu (opalo			· · · · · · · · · · · · · · · · · · ·		
20 Str	2 tron Rober		Location et d	A Line Brown and Market and American Control of the Am	
Beakh	ir ld	•	CT	06804-	1057
CHy/Town		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Sterv	The tools	
2. Date/Period of		(approx)	<ol> <li>List additional tr document:</li> </ol>	acking documents as:	roclated with this
From	To	(1/2/2/3/1/2)	.:		
3. U.S. EPA ID n	nwpat:		,		
Water State of the same of the of	NA		والمارسون ودفاه فالمتحدث والمتحدث والمتحدث والمتحددة وال	ان المحمد الم	9.1 
4. 21E release:			<del> </del>		
	S.C.		•		
☐ Yes	to no		• .		
El Genera	ator Information	**************************************			anni anni anni anni anni anni anni anni
1 Provide the fel	loying generator informat	tion:			•
	-d Mc Carty				•
Halle of ogganization		*	<u> </u>		
Cooled name	7,	· · · · · · · · · · · · · · · · · · ·	- OWNER	, , , , , , , , , , , , , , , , , , ,	
	Station Road	<u> </u>			
Simi atinsi Revi	Kfe 1d		CF	06804.	- 105 1
City/Tova			State	Zip cods	
<u>. 203</u> Гикрухны питфы и	-775-3323	<del></del>			
and order thousand	4				
Owner Owner	and/or Operator	" Information			
1. If the owner ar	idVor operator <i>Is different</i>	from the generator.	us Indicated In Section	$nB_0$ proylds the follow	ing information:
Check applicat	opuer 🗀 owner	□ operator	у .		•
Namı d grymlzisləri		40 gangalantangan, <u>and pandangan, and pandangan</u>			
Coxtect name		ببدعو بسيا هوالي والأخاوش التنادا المراهب بالدين والمادان بيريين	Tria		
<del> </del>			, " "		
Strell address					
ChyTom			State	The code	

Telephonu number and extension



Massachusetts Department of Environmental Protection Bureau of Waste Prevention

ection -	
tre allo tre	

# 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

ection 310 CMR 40.0035 nor manifesting under	310 CMR 30.000
🍱 Transporter/Common Carrier Info.	rmation
. Provide the following information:	
Logano Trucking	· cT
Beth Rocca priore	Hazardous wash Bouse number (N gydkublu) (Licanshop state (N applicable)
Control person	TES
209 Pickering Street	
Portland	CT 06480
1-800-272-3867	State 233 code
Telephone months and extension	
The state of the s	To the second se
Receiving Facility Information	N
Provide the following information on the receiving facility:	
Holyoke Sanitary landfill	
Coursion, Facility MATEN John FB195e	Division MANAGET
Contact person	70%
Steel / Now Ludlow Rapple	500 Ma 0/033
413-467-3200	5av 11p 2000
Telephina number and extension	· · · · · · · · · · · · · · · · · · ·
Type of facility:	
☐ asphalt batch/hol Mix ☐ landfill/c ☐ other:	disposal  is thermal processing  daily cover  is landfill/structural fill
Parmit number: P2 3880 6/e/a	atus BWP-SW-10
Description of Material	
•	
eck all that apply:	
a. [5] soll 🗆 dredge maleria! 🗆 fill	3. Type of contamination:
b. Description: Five sand and self with	a. 🗆 pasoline 🗅 dleselfuel 🗀 #2 oll 🗆 #4 oll 🗀 #6 oll 🗀 vraste oll 🗀 kerosene 🗀 Jelfuel
/	b. Debils:
Some garvel	🗆 demolition 🗀 vegetative 🗀 horgank
c. Classification: DMIT DUSDA	c. 181 Other:
See 出る ロUSAEC ロASEE	waste from day clearer
Other:	describs Soil
	0. /



Massachusetta Department of Environmental Protection
Bureau of Waste Prevention

# Naterial Shioning Record &

Lill Paddididining D.	14 000
For the shipment of contaminated soil, urban fill	FOR A FACE Tracking Number
Section 310 CMR an Coor State of Soll, Urban fill	and don't have
Ballana	310 CARD On The Subject to management
Description of Malerial (cont.)	COM & LOG Tracking Number and dredge materials not subject to management under 310 CMR 30.000
4. Constituents of concern (check all that apply):	and the second s
for a constant (check all that apply):	7 (203)
DAS DCG DCI DPD DE HO D NA DPCBS DTPH COINER:	7. Estimated volume of materials:
TPH COHER DOCS B PAHS PRANA	_60
17 1	Glok Yardi
asother Tite - 108 h	Tons
5. Analyses performed (check all that apply):	Olley
MAS AN CAMPA	2 0-1
MAS & CO W Cr & Ph & Hg \( \text{Na & PCBs} \)  MEHVOCS \( \text{D PATH & VOCS & M PAHS & BNAS} \)  THE \( \text{TCLP (Inorganic)} \( \text{D TCLP (organic)} \)	8. Comaminant source (check one/specify):
TPH D TCLP (Inorganic) TYPAHA & BNAS	口 transportation accident 口 ust 区 other:
(organic)	
fourt filly - Har	and Cleaver
The state of the s	A
6. Screening performed:	Indicate which waste characterization support documentation is attached.
<i>—</i> // <i>—</i>	
Tipo Scheening of volatile	A elle history information
	sampling and analytical methods/procedure
reputation that the least of th	Man Aci halilly (1943)
VOC 5	1/ SUDDA district de la companya della companya del
The state of the s	Attachment stating the date and in connection with what facility
unailled Environmental Protect	The state of the basin of the state of the s
Qualified Environmental Professional	Opinion
- LIVE OF THE CO	•
DAVID TO K	Vices, Inc
10000 / - C	
860-671-2122	Tresident
Telegrama member and advantam	
11 6	
I have personally examined and am familiar with the Based on the telephone on and submitted with a second of the telephone of telephone of the telephone of the telephone of the telephone of telephone of the telephone of telephone of the telephone of telephone o	
Information contained on and submitted with the Based on this information, it is my opinion that the form.  Reseasement actions undertaken water actions that the testing and submitted with the setting and statement.	Variable .
Reseasment actions undertaken was placed the testing and	month of the formand of the second

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 lines and imprisonment may result if I willfully submit information which I know to be false, inaccurate, or materially incomplete.

License number Seal:



Massachuseits 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

II 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. Whe Cart	
Show 02	_
Edward I. Mearty	_
Nama (prim)	

acknowiedgn	13			
Receiving Facility	·.			
Repris อาจาริงจ (prinți)	•	· · · · · · · · · · · · · · · · · · ·		
7764			•	
Shasha	<u> </u>	Data	-	



Note:

Make additional coples of this bade sa uscar-SM/y.

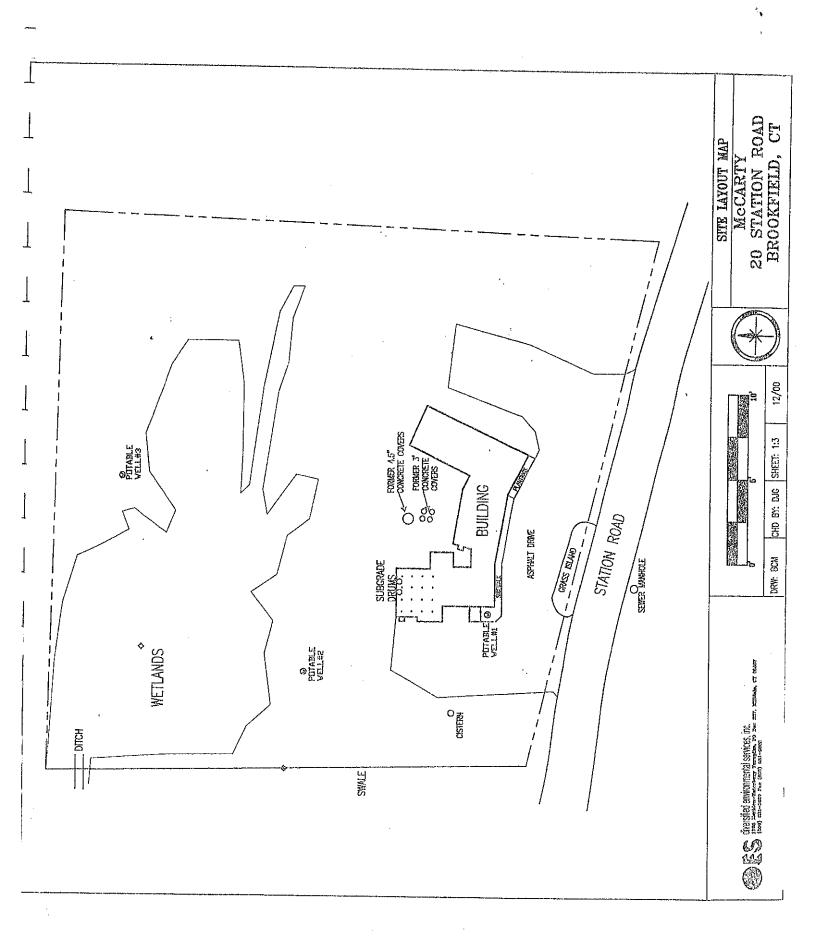
Nasasathrenics Departmenti of Environmental Protection A Caresu of Whiste Prevention

Trocking Number

For the shipment of conteminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under \$10 CMR 30.000

		LOAD o;	,		
governa en roccatación		Signature of prosperior			· · · · · · · · · · · · · · · · · · ·
		•			
scaring burly		Receive Apply	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>		
and repolited		Dear (see Send	· · · · · · · · · · · · · · · · · · ·		
THE RETURNED		Tata moderal	*****	·	<del></del>
e of spigners	· · · · · · · · · · · · · · · · · · ·	Octa of shipmans			
ru al sisposi	· .		······································	·	- California
<u>. • • •                                 </u>		िक्स ही इंग्रेशनाज्ञा		٠,	
ate That is regionalist		Inchilletty engineets		****	·
AFA USASASHOJI		Terika negarasien		************	
ed sto know yesterood	No makes after an extension of the second	LOW SEE ROOM: PRESTORE			<del> /</del> // ,
					1
0A0 /:		LOAD #:	•		
dunte es constanta	a to a shirt the contract of the	SHIPPLY OF HEASTAN			فطحيده سم در و و
SCOME TOTAL	1   4   10   10   10   10   10   10   10	Pening body		يو وود د د طباس	. 19 Per 19 19 19 19 19 19 19 19 19 19 19 19 19
7/194	**************************************	herperatural parametriculus parce per au dia mini dia			· ,
ne trended	•	Des received	, ,	**	•
tro marked	The state of the s	The reduct	P II I. PP-IA-BARBARANCE		
no of arthura		Date of sharece		<del></del>	
म प्रश्नेक्सं	er fri frige <del>descende</del> n <sub>er</sub> en	Time of afformati	p p <del></del>		<u> </u>
म्स्रोतिकस्य व्हर्णक्रेया	a process of springs to the service of the service	Coccollega Light Section	y - 3 1 1 1 1 2 2 - November	<del></del>	. = +- <del></del>
Affil (1882) 23 yrs. 1984 - Are Area and Area and Area and Area (1981) (1981) (1981)	RP BERTHAMPERSELL BENTS	Trains registration	- <del> </del>	 	وهز در په سدير په چې سد و
ALLES TO THE PARTY OF THE PARTY	Inchiberte Michibert B.		ومدسودين دوا استار <mark>ي</mark> د	ه مونيه ۱۹۰ - سده	k i kiki waka daliganawa
ad stre (cubic yards/cra)	·	Louisia kubik provoci			
	•		•		
Log Sheet Volume	Information		<u></u>	np.or.afbilioner	<del></del>
		•	_		
and the state of t		Page	ig		
त्या प्रशासन्त प्रस्ता व्यवस्था व्यवस्था ।					

			• • • • • • • • • • • • • • • • • • •	•	
					14
			•	•	
·	•	•			₹
					•
		,		* *.	* •
e e e e e e e e e e e e e e e e e e e					
				•	
- <del></del>					
÷ ,					
<del>-</del>					
					•
					<i>:</i>
				in Maria Maria Maria di Para	
the second secon					
				•	
			and the second of the second		
*					
•••				•	
				•	
				,	
-	e a la company	$I^{(i)}$ .			



	4	* :	and the second s	
<del></del>				P. C.
	经收益额 化苯二苯二乙			
	1. 克里尔特特斯克 BR (首)			
-				
			5. 数据 1. P. C.	
		公司的 化二二氢抗抗多烷		
	nga giri Dhaga Kiliya ya		그래 그 아이는 생생하는 것이다.	
그는 이 경기가 있는 사회 제가를				
		그는 왜 소문하는 가능하는 것이다.	요즘 그 생생님께 되었다.	
		역 유명의 시간의 활동이다였다.	불러 없는 이름 병생님이 하는 네.	
			[발발: 4년 건강의 120일 :	
	기민중국 기회에 되다는 밝혀		1994年,1984年 - 1984年 - 1987年 - 19874 - 19874 - 19874 - 19874 - 19874 - 19874 - 19874 - 19874 -	
		발범한 얼마 없었다. 하루하 되는 네	아랫동안 회사는 얼마를 하는데	
그 시간 얼마 없다면서 하다.				
		医牙侧韧带 医弗洛斯氏定律		
그리고 하는 사람들은 사고 없었다.				
그 그 얼마 (환화학교의 등록 사용)				
			した たいさい はいち こんだん おんしょうしゅう	
그리었던 기막이 하는 사람들				
그리었던 기막이 하는 사람들				
그리었던 기막이 하는 사람들				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막이 하는 사람들은				
그리었던 기막하다 하는 사람들은				
그리었던 기막하다 하는 사람들은				
그리었던 기막하다 하는 사람들은				
그리었던 기막하다 하는 사람들은				
그리었던 기막하다 하는 사람들은				
그리었던 기막하다 하는 사람들은				
그리었던 기막하다 하는 사람들은				

### 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.

1 galaxies			
	,		14
			1
	•		•
			•
	•		
_			
		가 있는 것이 되었다. 그 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은	
,			
			ž
,			
		는 이 사람들은 한국에 가장을 보려 있다. 그 그 그 사람들은 보고 있다. 그 그 사람들이 함께 되었다. - 한국 사용 사람들은 기업을 하는 것이 되었다. 그 사람들은 사람들은 기업을 하는 것이 되었다.	
_		그리고 얼마 아무슨 게 되는 것이 되었다. 그 없는	
_			
~	. ·		
	·		
-			•
***			
•••			
			•
		·	
-			
			,



# 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 LD. No. CT00106





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

#### 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		The same of the sa	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



Client Sample ID		**************************************	CHAR	
York Sample ID		**************************************	01120630-01	
Matrix		-	SOIL	
Parameter	Method	Units	Results	MDL
1,2-Dichloroethylene (Total)		CILLS	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene		<del>                                     </del>	Not detected	5.0
1,3-Dichloropropane	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0
1,4-Dichlorobenzene		<del>- </del>	Not detected	5.0
1-Chlorohexane			Not detected  Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene			Not detected  Not detected	5.0
Benzene		<del>                                     </del>	Not detected  Not detected	5.0
Bromobenzene	<u></u>	<del>                                     </del>	Not detected  Not detected	
Bromochloromethane				5.0
Bromodichloromethane		· · · · · · · · · · · · · · · · · · ·	Not detected	50
Bromoform		<del> </del>	Not detected	50
: Bromomethane		<del> </del>	Not detected	5.0
Carbon tetrachloride		<del>                                     </del>	Not detected	50
Chlorobenzene		<del> </del>	Not detected	5.0
Chloroethane		<del>- </del>	Not detected	5.0
Chloroform		<del></del>	Not detected	5.0
Chloromethane			Not detected	50 ,
			Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
	-	<del></del>	Not detected	5.0
Ethylbenzene Hexachlorobutadiene			Not detected	5.0
			Not detected	5.0
Isopropylbenzene		<u> </u>	Not detected	5.0
Methylene chloride Naphthalene		ļ	Not detected	5.0
		<del></del>	Not detected	5.0
n-Butylbenzene		<del></del>	Not detected	5.0
n-Propylbenzene	<del></del>	ļ	Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes	· · · · · · · · · · · · · · · · · · ·	<del> </del>	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0
sec-Butylbenzene		-	Not detected	5.0
Styrene (art Partalla		ļ	Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene		<u> </u>	490	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene		<del> </del>	Not detected	5.0
Trichlorofluoromethane		<del>                                     </del>	Not detected	5.0
Vinyl chloride	GUIDIC DOTO		Not detected	50
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG		220
Acenaphthene		ļ	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	the first of the second		Not detected	330



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
РСВ	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		1,	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	nig/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



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

#### 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 nontarget analytes and matrix interference.
- Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
- York's liability for the above data is limited to the dollar value paid to York for the referenced project.
- This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
- All samples were received in proper condition for analysis with proper documentation.
- All analyses conducted met method or Laboratory SOP requirements.
- It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved Bŷ: Glut Gudler Robert Q. Bradley Managing Ditector

Date: 1/7/2002

ANALYSIS REQUESTED २०१९ जिस् CHAIN OF CUSIODI *!* . REMARKS & NOTES: 701 M-MULL BACAMMECERICA PRESERVA-TIVES (IF ANY) (2) (2) TYPE OF CONTAINERS 1802 DATETIME # OF PROJECT NAME NUMBER 125 SAMPLETYPE (well with municipal with waste with etc.) REPORT TO: RECEIVED BY: RECEIVED BY: RECEIVED BY: 3 P.O. #: SAN . TIME York Analytical Laboratories, Inc diversified environmental services Stamford, CT 06906 (203) 357-1371 – Fax (203) 357-0166 (860) 621-3630 - Fax (860) 621-9609 1755 Meriden-Waterbury Tumpike. PO Box 337 – Milidale, CT 06467 DATE COLLECTED 10/81/21 DATE/TIME: One Research Drive DATECTIME SAMPLE 10 (DESCRIP AND/OR 10/1). RELINQUISHED BY: RELINOUNSHED BY

# Technical Report

prepared for

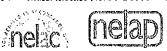
Diversified Environmental Serv. 1755 Meriden-Waterbury Tpk. P.O. Box 337 Milldale, CT 06467 Attention: Mr. Bryce McMinn

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

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

#### 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:	·	Date: 1/23/2002
4	Robert Q. Bradley Managing Director	

# 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

Rhode Island License No. 93 EPA I.D. No. CT00106



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

#### 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	<del>,</del>
York Sample ID			02030473-01		02030473-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDI
Volatiles-8260+MTBE soil	SW846-8260	ug/Kg			results	173.171
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  Not detected	
1,2-Dibromo-3-chloropropane			Not detected	5.0		5.0
1,2-Dibromoethane		<del> </del>	Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene		<del> </del>	Not detected		Not detected	5.0
1,2-Dichloroethane		<del> </del>	Not detected	5.0 5.0	Not detected Not detected	5.0 5.0

Client Sample ID	<del>alle de la </del>	***************************************	Char 1		Char 2	<del></del>
York Sample ID		*** **** *****************************	02030473-01	ļ	02030473-02	-
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDI		MODI
1,2-Dichloroethylene (Total)	Trictiou	Units	Not detected	MDL	Results	MDL
1,2-Dichloropropane			Not detected  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  Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene		·	Not detected  Not detected	5.0	Not detected	5.0
1-Chlorohexane				5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene		<del> </del>	Not detected	5.0	Not detected	5.0
4-Chlorotoluene		<del></del>	Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene	<del></del>		Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	50	Not detected	50
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	50	Not detected	50
Chlorobenzene			Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
Chloroethane Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	50	Not detected	50
			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene Dibromochloromethane		<del></del>	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
			Not detected	5.0	Not detected	5.0
Ethylbenzene Hexachlorobutadiene	· · · · · · · · · · · · · · · · · · ·		Not detected	5.0	Not detected	5.0
			Not detected	5.0	Not detected	5.0
Isopropylbenzene Methyl tert-butyl ether (MTBE)			23	5.0	Not detected	5.0
			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	0777046 00=0	" -	Not detected	50	Not detected	50
Polynuclear Aromatic	SW846-8270	ug/kG				
Hydroc.(BN)						
Acenaphthene		.	Not detected	330	Not detected	330
Acenaphthylene			Not detected	330	Not detected	330
Anthracene			Not detected	330	Not detected	330
Benzo[a]anthracene		J	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				450
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

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

#### 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:		Date: 3/26/2002
•	Robert Q. Bradley	
	Managing Director	•

### 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

DES Floject No. 127

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 MENT OF ENVIRONMENTAL PROTECTION

December 17, 2002



**Manager** atal Services, Inc.

~uary 15, 2002 letter tion of Draft "Contained-In" Policy

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

A hazardous characteristic must be managed in the same manner as hazardous waste. Lous constituents (for which the contaminant source is listed) may be managed as 1 as hazardous waste if the constituent concentrations do not exceed the Industrial and do not exceed 100 times the GA Pollutant Mobility Criteria of the Connecticut ..egulations.

dry cleaning operations is a hazardous constituent for which the contaminant source is I is not a hazardous waste. Given the concentration of perchloroethylene ("PCE") that 1 in the excavated soil, the soil contains a non-hazardous waste. The excavated soil "uted [non-hazardous] soil.

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

e disposed at a few Connecticut landfills with written permission. If you are his option or if you have any questions on this special waste disposal authorization icia Cam at (860) 424-3567 (direct).

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

. Enforcement Division igement

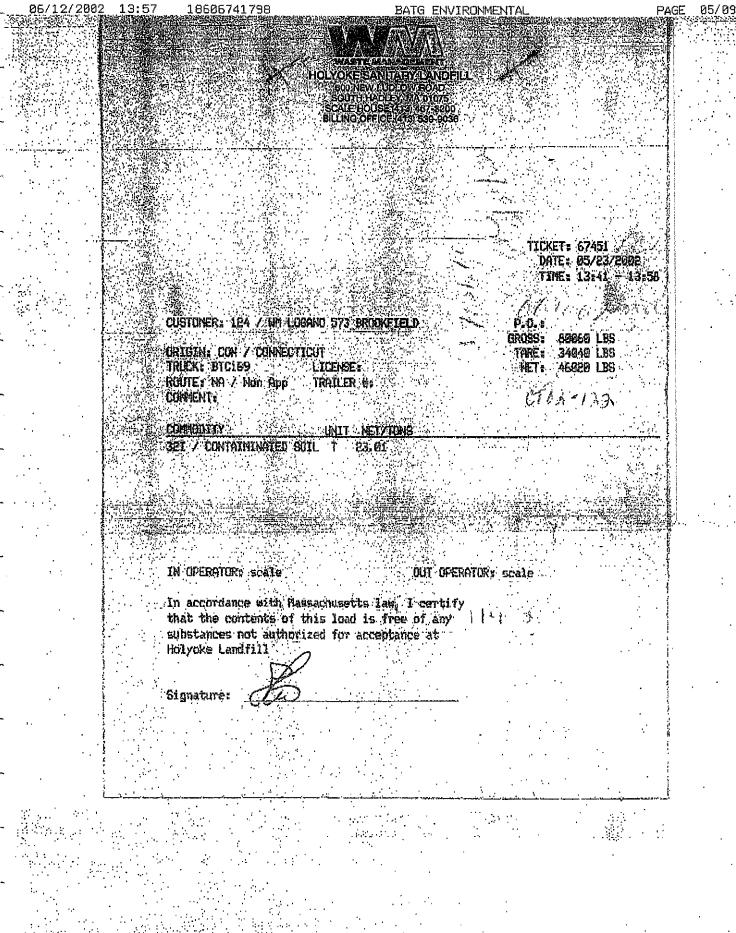
> (Printed on Recycled Paper) 79 Elm Street · Hartford, CT 06106-5127 An Equal Opportunity Employer • http://dep.state.ct.us

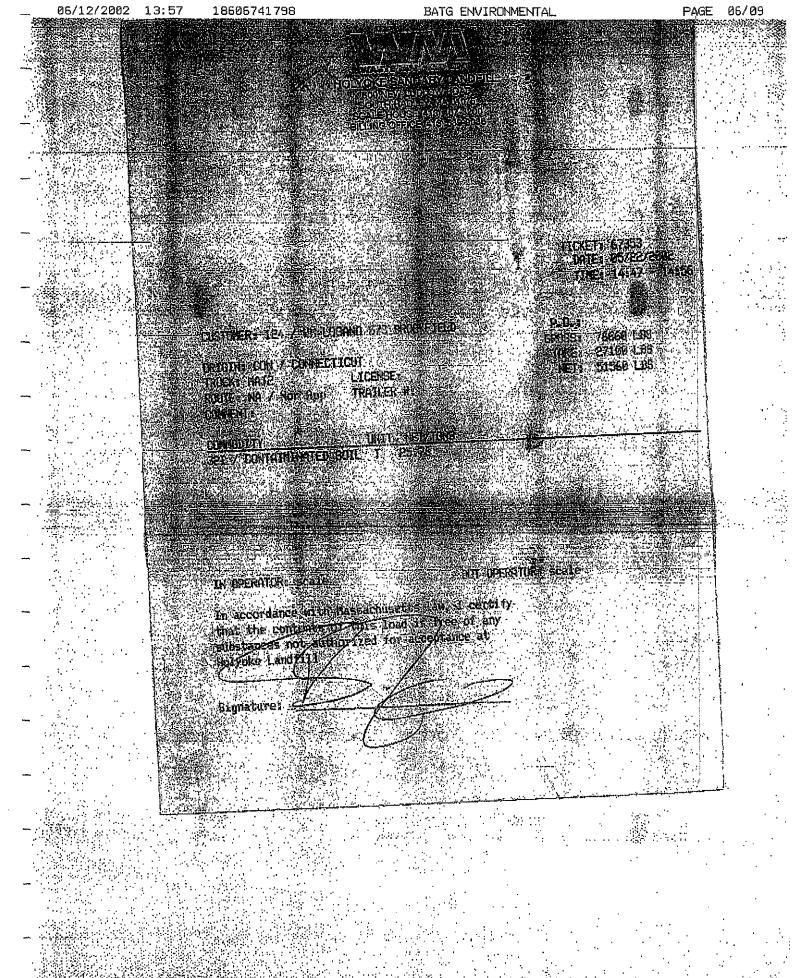
 Celebrating a Century of Forest Conservation Leadership 2001













Note: Make additional copies of this page as necessary.

Massacrusetts Department of Environmental Protection
Bureau of Waste Prevention

aterial Shipping Record & Log

Load Information	מר יותר			
Load#:				,
	*** ***********************************			·
		Wast Mar.	B. Carry	Mose
Signature of transporter		Receiving facility	49	
Date received	Time received	_ <u> </u>	1-50 190	<u>^</u>
70251		OS 2097	Time of shipme	nt.
Track Fractor registration		Trailer registration	<u> </u>	
oad size (cubic yards/ions)	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM	4		,
mor era forme hat malottal		٠,	}	
				:
Loadif:	•		.	,
	•			٠.
Signisture of transporter	· · · · · · · · · · · · · · · · · · ·			
SAMENTA OF CHURDOLIAL	*, **	Receiving facility	, , , ,	
Date received	Time received	Date of skipment	Time of shipmen	nt
•	•			
Truck/Tractor registration		Typilar maste bedden	***************************************	<u> </u>
Salar Sa	And the second s	Trailer registration	4.1	
and the second s		Trailer registration	4.5	
and the second s		Trailer registration	2.3	
Sec elze (cubic yarda/tona)		Trailer registration	4.7	4.
Loed elze (cubic yaide/tons)		Trailer registration		
red elze (cubic yaide/tons)		en erteren		
ved elze (cubic yaide/tons)		Trailer registration  Receiving facility		
Secializa (cubic yarde/tons) Loachii: Signature of transporter	Time received	en erteren	Time of shipmer	
ond size (cubic yarde/tons)  condif:  Signature of transporter  Jate received		Receiving facility  Date of shipment		
oad size (cubic yarde/tone)  cardif:  Signature of transporter  Jate received  Truck/Tractor registration	Time received	Receiving facility		
Loadiff:  Signature of transporter  Pate received  Truck/Tractor registration	Time received	Receiving facility  Date of shipment		
Signature of transporter  Pale received  Truck/Tractor registration	Time received	Receiving facility  Date of shipment		
Loadiff:  Signature of transporter  Pate received  Truck/Tractor registration  Load size (cubic yards/tons)	Time received	Receiving facility  Date of shipment		
Sec less (cubic yards/tons)  Condit:  Signature of transporter  Pale received  Truck/Tractor registration  Load size (cubic yards/tons)	Time received	Receiving facility  Date of shipment		
Load size (cubic yarde/tons)  Load#:  Signature of transporter  Pate received  Truck/Tractor registration  Load size (cubic yards/tons)  Log Sheet Volu	Time received  Ime Information	Receiving facility  Date of shipment		
Sec elze (cubic yarde/tons)  Loacht  Signature of transporter  Pate received  Truck/Tractor registration  Load size (cubic yards/tons)	Time received  Ime Information	Receiving facility  Date of shipment		



Note: Make additional copies of this page as necessary.

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

A Company of the Comp	A		
. Load Information		,	
Load#:	·	• •	***
· · · · · · · · · · · · · · · · · · ·	•	n of the	ng na masa sa masa
Signature of transporter	Figure 2 to 100 day		Acceptance of
5-24 0L O 30AM	Receiving feality	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0.36
Date received Tane received	Date of ablument	Tim	atshipment (S
782S	Date of slipment	( ) O WA	Para Address Co.
Truck Tractor registration:	Trailer registration	*	
Load size (cubic yards/fone)	•		
	•	,	
Loadif			
FOR PAR APPENDING		er de de la de La decembra de la de	
Signature of transporter	Receiving facility		1
Date received Time received	Date of shipment	Time	riemolifa to
		E Mete	a di stitti il ili ili ili ili ili ili ili ili
Truck/Tractor registration	Trailer registration		
Load size (cubic yards/tons)	Sample Comment of the second		
**************************************			
Load#:			
	•	,	
Signature of transporter	Receiving facility		The beauty of the second of th
Date received Time received	Date of shipment	Time	of shipment
1975		F1683,	er suthtastir
Truck/Tractor registration	Trailer registration	,	3
Load size (cubic yards/tons)	•	•	• .
	•	•	
		,	
Log Sheet Volume Information	· · · · · · · · · · · · · · · · · · ·		
		to the	
Total volume this page (cubic yards/tons)	•		٠,
Total carried forward (cubic yards/tons)	Page	of	,
	•		
Total canied forward and this page (cubic varietions)	•		



Note: Make additional copies of this page as necessary.

# Massachusetts Department of Environmental Protection Bureau of Waste Prevention

Material Shipping Record & Log For the shipment of contaminated soil, turban till, and dredge materials not subject to management under section 310 CMR 40,0035 nor manifesting under 310 CMR 30,000

				(A)	
	Load information		A Section of the sect		
	Load#:				··· ·.
			m s Le Estate	The state of the s	<b>-</b> ,
. :	<u> </u>		<u> </u>	olyoke 2.	
	Signature of transporter	WA CAN THE	Receiving fac		n de la companya de l
	Date received	Tame received	Date of ships		840m
, ;	70750 c - /	064 1737 11		issut	of shipment
• -	India Tractor registration	Lagrand Nation of the Lagrangian Lagrangian	Traller regist	retion	
i.	Load size (cubic yards/tons)				
			•		
	Load#:			ماند به آماری است. از ماند کاری	
	LVIII.				
	100				
	Signature of iransporter	29 EH # 2	Receiving fac	All Comments of the Comments o	
	Date received	Time received	Dale of ships	noni ita	inemaile to
,			<u> </u>	To the first of health and the first of the last	m simptimier
•	Truck/Tractor registration		Trailer region	allon	
	Load size (cubic yards/tons)				
٠.			A STATE OF THE STA		100 To 10
	Load#:				
			*		
	Signature of trensporter		Receiving fac	ANTA-	
	10 (10 ) 10		escentially test	AM Y	
	Dale received	Time received	Dale of shipn	nent Time	of shipment
	Truck/Tractor registration	,	Traller registe	allon	- SURING COMPANY
			- Transfigure		•
	Load size (ouble yards/tone)			i Geografia	
			•	\ .	
Ć.	Log Sheet Volun	oitemain or	No.		
	2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		g s.		•
	Total volume this page (cubic )	/erds/tons)			•
			Page	e of	
	Total carried forward (cubic year	nde/tone)			<del></del>
	Total carried forward and this p	respect to selection ground attaches	Terricana.		•
. '	America sagged of eatiff 1859 F	wer franc Asussicals)			



Make additional copies of this page as neces-

Sary.

Massachusetts Department of Envirolimental Protection Bureau of Waste Prevention

local comed toward and this pack (clinic years and

Naterial Shipping Record & Log Tracking Number for the shipment of contaminated soil, urban fill, and dredge materials not subject to management under

Load Information	annesuny uniter 3 (	O CMR 30.000	
LOAD #:		1040 # 2	
SEAN FITZING	Mice_		
Supplied surspens		STOLIN DI INIERODEI	
Receiving LEANING	ELL WA	GLANGEL	ANDON- WA
5/22/02	· · · · · · · · · · · · · · · · · · ·	Receiving Section	
Oxereceid		5/22/02	14-5
1012 AM	A STATE OF THE STA	2477m	
5/22/02	16 de la company	Time register	
Dur d'signer	<del></del>	_ <u>S(27)02</u>	<u> </u>
7:50 AM		12:45 PM	· ·
33/200		Time of shipment	
Truck/Tractor inclision		336300 Tradition injurious	
Totta agrifica	w.	NIA	
25.44	, , , , , , , , , , , , , , , , , , , ,	Tells (applica)	
Lord size (cutoic yanterions)		25.78 lost size (a.ph. pertenne)	
••	•		
LOAD #:	A STATE OF THE STA	LOAD#	
e included the second of the s		On the state of th	****
Spring of paragraps		Signature of transporter	-0.40
Reserving facility	* 40		<u> </u>
		Receiving teciny	
Date received		Date received	
Title received		The art of	
		Time received	
Dus & shipmers		Date of shipmand	
ine a shipperi		Time of stilpment	
		. या का	,
acid instal registration		Trett/Trace registation	
ruler registration		Trailer regenation	-
		sall-re-artifl	
Ded sine (autoic yourselone)		Lond size (quick parastors)	20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		·	<b></b>
		-	•
Log Sheet Volume Info	rmation		
		•	
• •	•		
GI volume this page (cubic yeatsnore)		Page	กร์