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# REMEDIAL ACTION REPORT

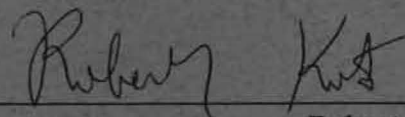
FORMER PLAZA DRY CLEANER  
ORANGE PLAZA MALL  
NYS ROUTE 211 EAST  
MIDDLETOWN, NEW YORK  
Site #: V-00415-3

*Prepared For:*

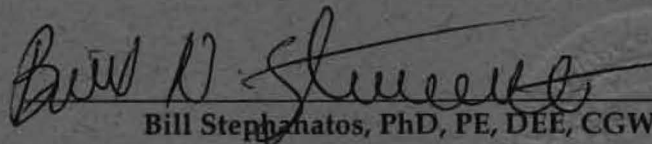
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**Langan**  
Engineering and Environmental Services



**REMEDIAL ACTION REPORT  
FORMER PLAZA DRY CLEANER  
ORANGE PLAZA MALL  
MIDDLETOWN, NEW YORK  
SITE NO. V-00415-3**

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**REMEDIAL ACTION REPORT  
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SITE NO. V-00415-3**

**1.0 INTRODUCTION**

On behalf of the National Realty & Development Corporation ("NRDC"), Langan Engineering and Environmental Services, Inc. ("Langan") has prepared this report to summarize remedial action activities completed at the former Plaza Dry Cleaner ("Dry Cleaner"). The Dry Cleaner operated from 1987 to 1992 at the former Orange Plaza Mall situated at NYS Route 211 in Middletown, New York. A site location map and a site layout map are provided as Figure 1 and Figure 2, respectively.

Tetrachloroethene impacted soil was identified along the northern wall of the Dry Cleaner as a result of a limited subsurface investigation completed as part of due diligence activities. As such, to solicit guidance from the New York State Department of Environmental Conservation ("NYSDEC") a Voluntary Cleanup Agreement was executed with the State, and an *Investigation Work Plan*, dated 5 December 2000 was submitted to NYSDEC. The Work Plan summarized the findings of the limited subsurface investigation and recommended necessary remedial action activities that would meet NYSDEC's technical requirements and would be protective of human health and the environment.

Due to time constraints the recommended remedial action activities of soil excavation, soil disposal and post excavation sampling were completed prior to NYSDEC review of the Voluntary Cleanup Agreement and Work Plan. However, to ensure their involvement, representatives of NYSDEC provided oversight during the completion of the remedial action activities. A summary of the completed activities, findings and conclusions is provided within.

**2.0 BACKGROUND**

On 7 September 2000, Langan completed an investigation of the subsurface along the northern wall of the Dry Cleaner. Investigation activities consisted of randomly advancing two (2) soil borings (B-1 and B-2) into the subsurface for field screening purposes. Each boring was advanced into weathered bedrock as it was encountered at approximately 8 feet below ground surface (b.g.s.). Soil boring locations are illustrated in Figure 3.

As there was no evidence of impacts to the soil [i.e. lack of photo ionization detector ("PID") readings, soil staining, sheens, odors, etc.], two soil samples were collected from each boring (5.5-6 feet and 8.5-9 feet) for the analysis of volatile organic compounds. Based on reported analytical results, tetrachloroethene was observed at a concentration of 4.42 mg/kg in soil boring B-1 at 5.5-6 feet below ground surface (b.g.s.). This concentration is above the NYSDEC soil cleanup standard of 1.4 mg/kg. No other exceedances of the regulatory level were observed in the remaining samples and groundwater was not encountered.

On 19 October 2000, Langan returned to the area of the soil exceedance to define its extent (vertical and horizontal). Ten soil borings (D-1 through D-10) were advanced surrounding boring location B-1, and in most instances, they were completed into weathered bedrock (approximately 8 feet b.g.s.). Soil boring locations are illustrated in Figure 3. Soil samples were collected at 3.5-4 feet b.g.s., 5.5-6 feet b.g.s. and 8.5-9 feet b.g.s. from most soil borings for the analysis of volatile organic compounds.

Analytical results for each delineation sample were reported as either "not detected" or at concentrations well below NYSDEC soil cleanup standards. As such, the tetrachloroethene-impacted soil was presumed to be limited to a 5 foot by 8 foot area surrounding former location B-1 (see Figure 3). The vertical extent of tetrachloroethene impacted soil was determined to extend to a depth slightly greater than 6 feet but less than 8.5 feet b.g.s. Groundwater was not encountered during the investigation.

### **3.0 REMEDIAL ACTION PERFORMANCE STANDARDS**

The NYSDEC has promulgated recommended soil cleanup objective for volatile organic contaminants in their Technical and Administrative Guidance Memorandum ("TAGM"): Determination of Soil Cleanup Objectives and Cleanup Levels. These guidelines were used as a primary guidance for comparing the analytical results from the soil investigation and subsequent remedial action. As such, the primary contaminant at this site is tetrachloroethene with a recommended soil cleanup objective of 1.4 mg/kg.

### **4.0 REMEDIAL ACTION ACTIVITIES**

As recommended in the Work Plan, remedial action activities were to consist of soil excavation and disposal. Furthermore, field screening was recommended to ensure the effectiveness of the remedy and aid in the selection of post excavation soil sample locations. As such, a

discussion of these methodologies and completed remedial action activity findings are presented within this Section along with supportive figures, tables and appendices. The information contained within this Section forms the basis of conclusions and recommendations provided in Section 5.0 of this report.

#### 4.1 Soil Excavation and Post Excavation Sampling

On 13 December 2000, under the on-site supervision of Langan and NYSDEC, EISCO-NJ of Port Reading, New Jersey ("EISCO") excavated the area containing the tetrachloroethene-contaminated soil with a backhoe. The excavation was completed in the area of B-1 and extend toward former soil sample locations D-1, D-3, D-4, D-5, D-7 and D-10 (see Figure 3). The 5 foot by 8 foot area of impacted material was removed to a depth of 7.5 feet b.g.s. (above bedrock). Excavated materials were directly hauled off-site (see Section 4.2).

Afterwards, the boundaries of the excavation were field screened with a PID to confirm the absence of volatile organic compounds. This process consisted of placing soil samples in a zip-lock bag, and measuring the headspace in the bag with a PID. No elevated PID readings were observed along the northern and western sidewalls of the excavation; however, slightly elevated readings were observed along the southern and eastern sidewalls of the excavation. As such, the excavation was expanded where possible to the south along the building footing and to the east adjacent to an underground waterline. At the new limits of the excavation (approximately 14 feet by 10 feet), elevated PID readings were still observed (i.e. <80 ppm along the southern sidewall and 9 ppm along eastern sidewall). Soil excavation boundaries are illustrated in Figure 4. Photographs are presented in Appendix A.

Six post-excavation soil samples were collected by hand from the limits of the excavation at the direction of the on-site NYSDEC representative, Mr. Jim Schreyer. Each sample was collected for the analysis of volatile organic compounds ("VOCs"). The soil samples were collected as follows:

<u>Sample ID</u>	<u>Sample Depth</u>	<u>Sample Location</u>
PE-1	4.5-5	Eastern Sidewall
PE-2	4.5-5	Southern Sidewall
PE-3	4.5-5	Southern Sidewall

<u>Sample ID</u>	<u>Sample Depth</u>	<u>Sample Location</u>
PE-4	4.5-5	Western Sidewall
PE-5	4.5-5	Northern Sidewall
PE-6	7-7.5	Excavation Bottom

In addition, a VOC field blank sample and a VOC field duplicate sample were collected for quality assurance/quality control measures. The field blank sample was collected by passing laboratory provided analyte free water over the sampling equipment (i.e. stainless steel trowel) and capturing the rinseate in sample containers. The purpose of the field blank is to detect additional sources of contaminants that may influence analytical results. The field duplicate sample was collected in conjunction with post excavation soil sample PE-1. The field duplicate sample provides for a comparative evaluation of the laboratory's performance between two identical samples.

After the completion of post excavation sampling, the excavation was lined with plastic and remained open. All samples were sent to STL-Envirotech of Edison, New Jersey (New York Certification #10997) for analysis. A trip blank accompanied the shipment to provide a check on the sample shipment. Each sample was analyzed for VOCs by NY CLP-Methods (version 1095) and the analytical results were reported according to the format specified by the method. Analytical data packages are provided in Appendix B.

As shown in Table 1, analytical results for post excavation soil samples PE-4, PE-5 and PE-6 were reported well below NYSDEC guidelines. However, analytical results for soil samples PE-1 and its field duplicate sample, PE-2 and PE-3 indicated the presence of tetrachloroethene above the NYSDEC soil cleanup objective of 1.4 mg/kg. Specifically, tetrachloroethene was reported at levels of 3.5 mg/kg (3.8 mg/kg in the field duplicate sample), 1.8 mg/kg and 2.4 mg/kg, respectively. Analytical results for the field blank and trip blank were reported as "not detected".

On 29 December 2000, Langan returned to the site with EISCO to remove the impacted soil remaining along the eastern and southern sidewalls of the excavation (sample locations PE-1, PE-2 and PE-3). Ms. Tanya Reinhard of the NYSDEC was present to provide oversight. While accessing the area of the excavation it was apparent that the excavation was backfilled with concrete construction debris, as a

result of on-site demolition activities. It was further discovered that precipitation and surface water runoff from the neighboring area had filled the bottom 4-feet of the excavation above the plastic liner. The standing water prevented the excavation of the impacted soils along the southern wall of the excavation, underneath the building wall. Photographs are provided in Appendix A.

As a result, a test pit was dug approximately 1 foot to the east of PE-1 (along side of the water line; see Figure 4). The purpose of this test pit was to delineate the extent of the contamination found at PE-1. The test pit extended approximately 6 feet to the east of the water line, ranged the entire width of the original excavation, and was completed to the top of bedrock (7.5 feet b.g.s.). No groundwater, precipitation or surface water runoff was present in the test pit.

Based on field screening results (<5 ppm) and olfactory indicators, suspect soils were removed from the test pit directly alongside (within 1 foot) and beneath the adjacent waterline (see Figure 4). The soil was placed on and covered with plastic for future disposal. Once field screening results were negative, 2 post-excitation soil samples were collected from the sidewalls of the test pit at a depth of 4.5-5 feet b.g.s. Sample PE-8 was collected from the western sidewall within 1-foot of the waterline (2 feet from PE-1), and soil sample PE-9 was collected from the southern sidewall beneath the building's wall (see Figure 4). As reported in Table 1, analytical results of PE-8 and PE-9 were reported as either "not detected" or at concentrations well below NYSDEC soil cleanup objectives.

After the completion of post excavation sampling, the excavation was lined with plastic and designated clean soils that were removed from the test pit were placed back into the area of the test pit. The entire area of the test pit was covered with plastic.

Due to time constraints, final remedial action activities were completed on 3 January 2001 without NYSDEC oversight. In order to access the impacted soils which remained beneath the building's wall, at post excavation soil sample locations PE-2 and PE-3, the standing water (precipitation, surface water runoff) in the original excavation was pumped out and transported off-site for disposal (see Section 4.2). Afterwards, the underlying plastic liner was raised, and the building's wall and footing was removed along with the underlying tetrachloroethene impacted soil. Thus, the original excavation was extended 5 feet to the south, into and beneath the former

building. In addition, the excavation was completed to the top of bedrock, 7-7.5 feet b.g.s. Suspect soil was placed on and covered with plastic for removal on 11 January 2001 (see Section 4.2). Photographs are provided in Appendix A.

Soils were screened with a PID before post-excavation soil samples were collected. No readings were registered above 5 ppm. Eight post-excavation soil samples were collected for VOC analysis from the locations shown in Figure 4. The samples were collected as follows:

<u>Sample ID</u>	<u>Sample Depth</u>	<u>Sample Location</u>
PE-10	4.5-5	Southern Sidewall
<b><i>PE-11*</i></b>	<b><i>4.5-5*</i></b>	<b><i>Characterization*</i></b>
PE-12	4.5-5	Southern Sidewall
PE-13	4.5-5	Western Sidewall
PE-14	4.5-5	Eastern Sidewall
PE-15	7-7.5	Excavation Bottom
PE-16	7-7.5	Excavation Bottom
PE-17	7-7.5	Excavation Bottom
<b><i>PE-18*</i></b>	<b><i>2.5-3*</i></b>	<b><i>Characterization*</i></b>

\*:Characterization samples collected to confirm of the absence of tetrachloroethene at selected locations and depths. Soils at sample location PE-11 were ultimately removed.

A VOC field blank sample and a VOC field duplicate sample were also collected for quality assurance/quality control measures. The field duplicate sample was collected in conjunction with post excavation soil sample PE-17. Each of the aforementioned soil samples and quality assurance/quality control samples were reported as either "not detected" as demonstrated in Table 1.

#### 4.2 Waste Disposal

Approximately 106 tons of tetrachloroethene impacted soil was transported off site for disposal. Willis Trucking, a New York licensed hazardous waste hauler, transported the soil to USL City Environmental, Inc. of Detroit, Michigan for disposal as an F002 waste. Hazardous waste manifests are provided in Appendix C.



Approximately 141 gallons of precipitation/surface water runoff was pumped out of the 13 December 2000 excavation by a vacuum truck supplied by EISCO. As such, the water was transported to CR Warner in Newark, New Jersey for disposal. Manifests are provided in Appendix C.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

A summary of the previous limited subsurface investigation findings and remedial action activities is provided below. From these findings, drawn conclusions and recommendations are also provided.

As a result of the limited subsurface investigation completed in September 2000 and October 2000, tetrachloroethene was observed in soil along the northern wall of the former Plaza Dry Cleaner. One soil concentration of 4.42 mg/kg marginally exceeded the NYSDEC soil cleanup objective of 1.4 mg/kg at 5.5-6 feet b.g.s. at location B-1. Through further subsurface evaluation, it was assumed that the impacted area was isolated to a 5 foot by 8 foot area that extended to a depth slightly greater than 6 feet but less than 8.5 feet b.g.s. Weathered bedrock was determined to be present at approximately 8 feet b.g.s. No groundwater was encountered during the investigation.

In December 2000 and January 2001, under the on-site supervision of Langan and NYSDEC representatives, the area of tetrachloroethene impacted soil was excavated. As observed through field screening and post excavation soil sample analytical results, additional tetrachloroethene impacted soils were present along the southern and eastern sidewalls of the excavation. As such, the excavation was expanded to permanently remediate the impacted soils. Effectiveness of the remedial action activities was confirmed through the analysis of post excavation samples collected from the excavation bottom (above weathered bedrock at 7-7.5 feet b.g.s.) and excavation sidewalls (4.5-5 feet b.g.s.). Groundwater was not encountered during the completion of the remedial action activities and the impacted soil was disposed of off-site.

Based on the aforementioned findings, it is concluded that the remedial action activities were completed in accordance with the Work Plan and Voluntary Cleanup Agreement, met the remedial action performance standards (i.e. NYSDEC soil cleanup objectives), and allow for the unrestricted use of the site. It is further concluded that no environmental concern is associated with groundwater since it was not encountered at any time during the limited

subsurface investigation and remedial action activities. In addition, no environmental concern exists in association with the underlying bedrock. As confirmed by analytical results for soil samples collected during the limited subsurface investigation and remedial action activities (samples collected at 8.5-9 feet b.g.s. and 7-7.5 feet b.g.s., respectively) the tetrachloroethene impacts were isolated to soils shallower than 7 feet b.g.s. and did not extend into bedrock.

As there is no future risk to human health and the environment, it is recommended that no further actions are required. To confirm NYSDEC's acknowledgement of no further actions required, receipt of a "Release and Covenant Not to Sue" letter is recommended. In addition, it is recommended that the Voluntary Cleanup Agreement that was executed with NYSDEC is terminated.

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**Table 1**  
**Post-Excavation Soil Sample Analytical Results - VOCs**  
**Plaza Dry Cleaners**  
**Middletown, New York**

Sample ID	NYSDEC Recommended Soil Cleanup Objectives	PE-1	Duplicate	PE-2	PE-3	PE-4	PE-5	PE-6	PE-8	PE-9
Sample Location		PE-1	PE-1	PE-2	PE-3	PE-4	PE-5	PE-6	PE-8	PE-9
Sample Depth (feet b.g.s.)	Soil Cleanup Objectives to Protect Ground Water Quality (ppm)	4.5-5	4.5-5	4.5-5	4.5-5	4.5-5	4.5-5	7-7.5	4.5-5	4.5-5
Laboratory ID		247114	247120	247115	247116	247117	247118	247119	249867	249868
Sample Date		12/13/2000	12/13/2001	12/13/2000	12/13/2000	12/13/2000	12/13/2000	12/13/2000	12/29/2000	12/29/2000
Sample Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg

VOCs		Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL
Chloromethane	NS	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Bromomethane	NS	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Vinyl Chloride	0.12	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Chloroethane	1.9	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Methylene Chloride	0.1	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	0.002 J		ND	0.011
Acetone	0.11	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Carbon Disulfide	2.7	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
1,1-Dichloroethene	0.4	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
1,1-Dichloroethane	0.2	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
1,2-Dichloroethene	0.3	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	0.004 J		0.0006 J		ND	0.011	0.091	
Chloroform	0.3	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
1,2-Dichloroethane	0.1	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
2-Butanone	0.3	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
1,1,1-Trichloroethane	0.76	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Carbon Tetrachloride	0.6	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Bromodichloromethane	NS	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
cis-1,3-Dichloropropene	NS	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Trichloroethene	0.7	0.16 J		0.22 J		0.14 J		ND	1.4	ND	0.011	0.008 J		ND	0.012	0.001 J		0.044	
1,1,2-Trichloroethane	NS	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Benzene	0.06	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
trans-1,3-Dichloropropene	NS	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Bromoform	NS	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
4-Methyl-2-Pentanone	1	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
2-Hexanone	NS	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Tetrachloroethene	1.4	<b>3.5</b>		<b>3.8</b>		<b>1.8</b>		<b>2.4</b>		ND	0.011	0.048		0.004 J		0.056		0.049	
1,1,2,2-Tetrachloroethane	0.6	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Toluene	1.5	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	0.004 J		ND	0.011
Chlorobenzene	1.7	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Ethylbenzene	5.5	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Styrene	NS	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011
Xylenes (Total)	1.2	ND	1.4	ND	1.4	ND	1.4	ND	1.4	ND	0.011	ND	0.01	ND	0.012	ND	0.011	ND	0.011

**Tentatively Identified Compounds**

Total TIC's	NS	0.7	0.79	3.4	1	0	0	0	0	1.18
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NS = Not Specified  
 ND = Not Detected

J: Estimated value below the method detection limit.  
 Bold and highlighted values indicates an exceedence of NJDEP Soil Cleanup Criteria.

MDL: Method Detection Limit

**Table 1**  
**Post-Excavation Soil Sample Analytical Results - VOCs**  
**Plaza Dry Cleaners**  
**Middletown, New York**

Sample ID	NYSDEC Recommended Soil Cleanup Objectives	PE-10	PE-11	PE-12	PE-13	PE-14	PE-15	PE-16	PE-17	Duplicate
Sample Location		PE-10	PE-11	PE-12	PE-13	PE-14	PE-15	PE-16	PE-17	PE-17
Sample Depth (feet b.g.s.)	Soil Cleanup Objectives to Protect Ground Water Quality (ppm)	4.5-5	7-7.5	4.5-5	4.5-5	4.5-5	7-7.5	7-7.5	7-7.5	7-7.5
Laboratory ID		250141	250142	250143	250144	250145	250146	250147	250148	250149
Sample Date		1/3/2001	1/3/2001	1/3/2001	1/3/2001	1/3/2001	1/3/2001	1/3/2001	1/3/2001	1/3/2001
Sample Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Units		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg

VOCs		Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Result	MDL
Chloromethane	NS	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Bromomethane	NS	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Vinyl Chloride	0.12	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Chloroethane	1.9	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Methylene Chloride	0.1	0.002 J		0.0006 J		0.001 J		0.001 J		0.001 J		0.001 J		0.001 J		0.003 J		0.003 J	
Acetone	0.11	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Carbon Disulfide	2.7	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
1,1-Dichloroethene	0.4	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
1,1-Dichloroethane	0.2	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
1,2-Dichloroethene	0.3	0.0004 J		ND	0.011	0.0009 J		0.0005 J		0.0008 J		0.0006 J		0.003 J		ND	0.011	ND	0.01
Chloroform	0.3	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
1,2-Dichloroethane	0.1	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
2 Butanone	0.3	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
1,1,1-Trichloroethane	0.76	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Carbon Tetrachloride	0.6	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Bromodichloromethane	NS	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
cis-1,3-Dichloropropene	NS	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Trichloroethene	0.7	0.002 J		0.001 J		0.002 J		0.001 J		0.0002 J		ND	0.012	0.002 J		ND	0.011	ND	0.01
1,1,2-Trichloroethane	NS	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Benzene	0.06	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
trans-1,3-Dichloropropene	NS	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Bromoform	NS	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
4 Methyl 2-Pentanone	1	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
2-Hexanone	NS	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Tetrachloroethene	1.4	0.057		0.017		0.019		0.051		0.002 J		0.033		0.2		0.007 J		0.006 J	
1,1,2,2-Tetrachloroethane	0.6	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Toluene	1.5	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Chlorobenzene	1.7	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Ethylbenzene	5.5	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Styrene	NS	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01
Xylenes (Total)	1.2	ND	0.012	ND	0.011	ND	0.011	ND	0.0093	ND	0.012	ND	0.012	ND	0.012	ND	0.011	ND	0.01

**Tentatively Identified Compounds**

Total TIC's	NS	0.212	0.0202	0.0064	0.058	0.0066	0	0.008	0	0
-------------	----	-------	--------	--------	-------	--------	---	-------	---	---

NS = Not Specified  
 ND = Not Detected

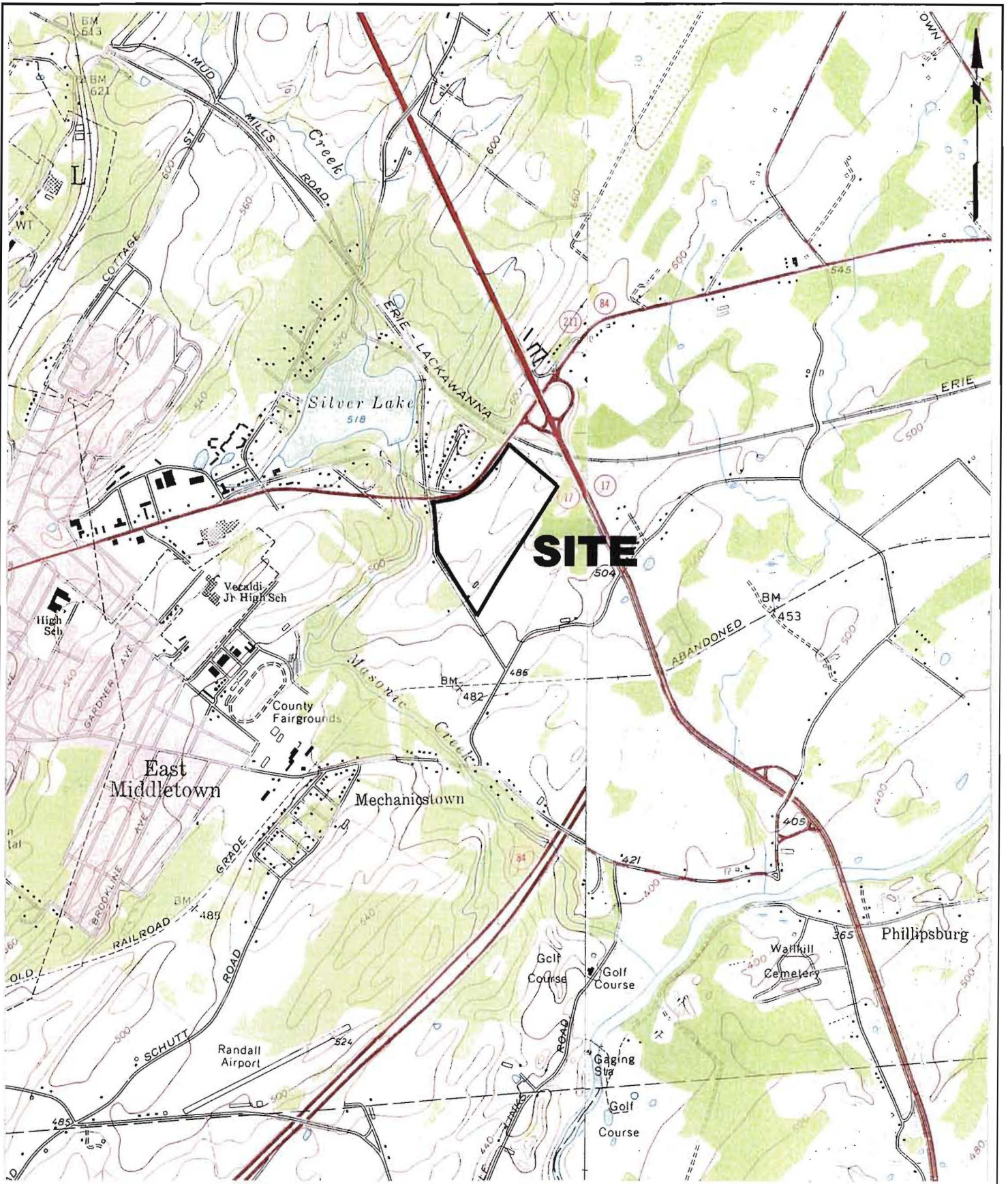
J: Estimated value below the method detection limit.

MDL: Method Detection Limit

Bold and highlighted values indicates an exceedence of NJDEP Soil Cleanup Criteria.







MAP REF: GOSHEN & MIDDLETOWN, N.Y. U.S.G.S. QUADRANGLE MAPS

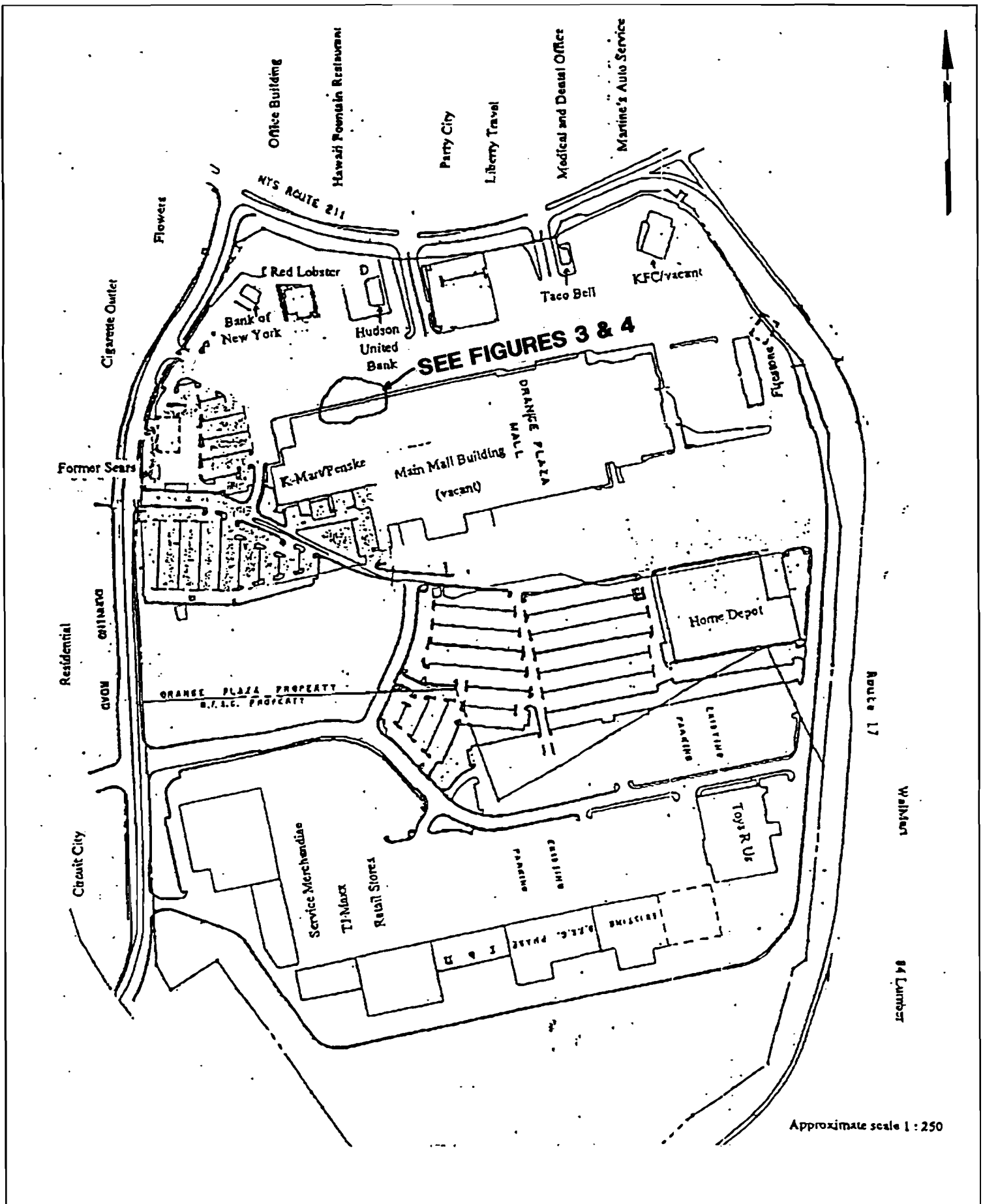


**Langan**  
Engineering and Environmental Services


ELMWOOD Pk, NJ (201) 794-6900  
 NEW YORK, NY (212) 964-7888  
 PHILADELPHIA, PA (215) 864-0640  
 DOYLESTOWN, PA (215) 348-7101  
 NEW HAVEN, CT (203) 562-5771  
 MIAMI, FL (305) 362-1166

Project  
**PLAZA DRY CLEANERS  
 SITE LOCATION MAP**

MIDDLETOWN		NEW YORK	
JOB NO.	DATE	SCALE	FIGURE NO.
1691901	12/1/2000	1"=2000'	1

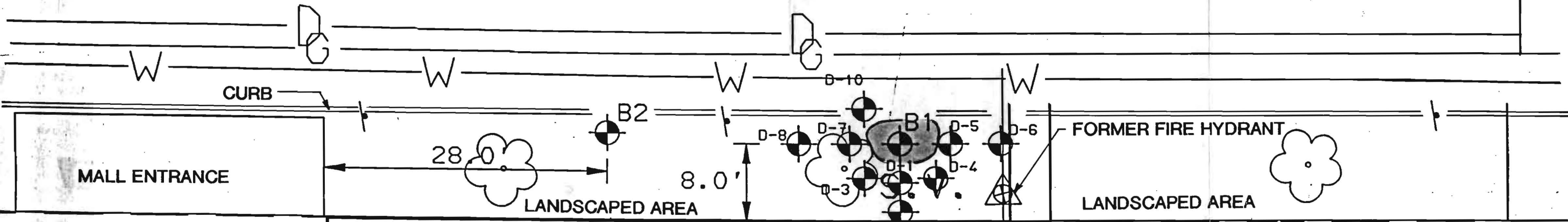


Approximate scale 1 : 250

 <b>Langan</b> Engineering and Environmental Services (201) 794-6900 Elmwood Park, NJ      Doylestown, PA      Miami, FL	Project	<b>PLAZA DRY CLEANERS SITE PLAN</b>		
	MIDDLETOWN	NEW YORK		
	Job No. 1691901	Date 12/4/2000	Scale 1"=250' ±	Dwg. No. 2



PARKING LOT



MALL ENTRANCE

28

LANDSCAPED AREA

8.0'

FORMER FIRE HYDRANT

LANDSCAPED AREA

FORMER PLAZA DRY CLEANERS

MALL

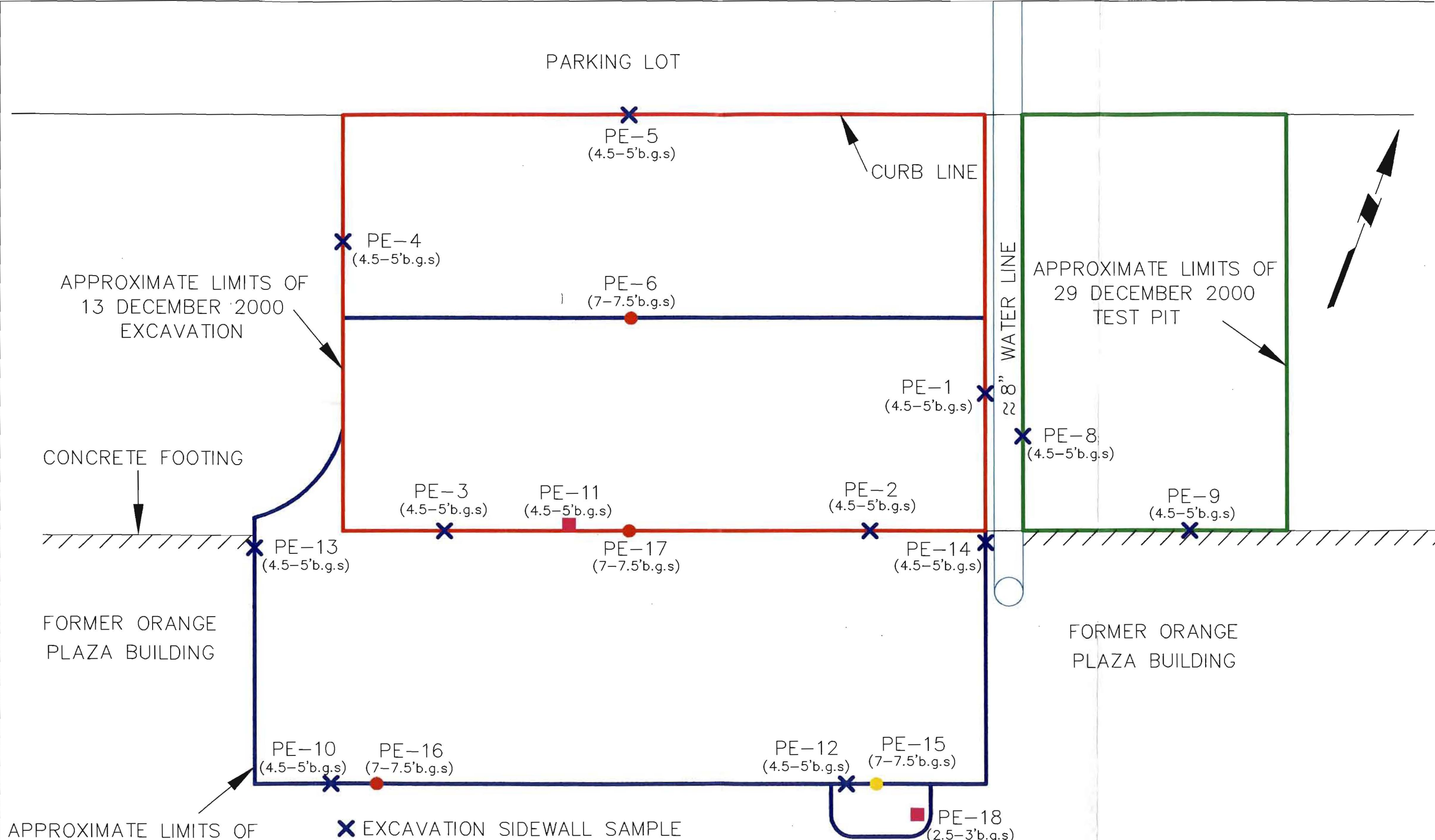
LEGEND



**L** **Langan** Engineering and Environmental Services  
 (201) 794-6900  
 Elmwood Park, NJ      Doylestown, PA.      Miami, FL

Project		<b>PLAZA DRY CLEANERS</b>	
		<b>SITE INVESTIGATION</b>	
MIDDLETOWN		NEW YORK	
Job No.	Date	Scale	Dwg. No.
1691901	12/4/2000	1"=10'	3





- ✕ EXCAVATION SIDEWALL SAMPLE
- EXCAVATION BOTTOM SAMPLE
- CHARACTERIZATION SAMPLE

**Langan** Engineering and Environmental Services  
 (201) 794-6900  
 Elmwood Park, NJ      Doylestown, PA      Miami, FL

Project		<b>PLAZA DRY CLEANERS EXCAVATION BOUNDARY &amp; SAMPLE LOCATIONS</b>	
MIDDLETOWN			NEW YORK
Job No.	Date	Scale	Fig. No.
1691901	1/10/2001	1" = 2'	4

**APPENDIX A**

**PHOTOGRAPHIC LOG**





Southern wall after completion of 13 December 2000 remedial activities.  
Also the area of sample location PE-3.



Western wall after completion of 13 December 2000 remedial activities.  
Also the area of sample location PE-1.





Loading of impacted soils during 13 Decmber remdial activities



Excavation covered with plastic after completion of 13 December 2000 remedial activites.



Remaining soils stockpiled after completion of 13 Decemeber remedial activities.



Stormwater pumped out of excavation at the beginning of the 3 January 2001 remedial activities.





Concrete footing removed to access impacted soils.



3 January 2001 excavated to a depth of seven feet below ground surface.





Impacted soil stockpiled after completion of 3 January 2001 remedial activities.



Remaining soil removed from site on 11 January 2001.

**APPENDIX B**

**LABORATORY ANALYTICAL DATA PACKAGES  
(Under Separate Cover)**



**APPENDIX C**

**WASTE MANIFESTS**

**Environmental Industrial Services Corp. Of New Jersey**

**Bill of Lading**

Original: Not Negotiable  
 Yellow: Shipping Order Copy  
 Pink: Memorandum

Shipper No: \_\_\_\_\_  
 Date: 1-3-01

To: Consignee <u>CR WARNER</u>	From: Shipper <u>National Realty</u>
Street: <u>PASSAIC ST</u>	Street: <u>Middleturn Road</u>
Destination: <u>NEWARK NJ</u> Zip Code: _____	Origin: <u>Orange Plaza Mall</u> Zip Code: _____

Date: 1-3-01 Vehicle Number

Shipping Units	Kind of Packaging, Description of Articles, Special Marks and Exceptions	Quantity	Units
<u>IT</u>	<u>WATER - NEW DOT WORK RECR</u>	<del>200</del> <u>141</u>	<u>GAL</u>

Shipper: 	City: <u>ESSEX NJ</u>
Signature: 	Signature: <u>Alan Saxon</u> Date: <u>1-3-01</u>



WASTE MANAGEMENT  
MICHIGAN DEPARTMENT  
ENVIRONMENTAL QUALITY

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Information to file may subject you to Reg and/or civil penalties under 6-224, 11161 or 324, 12116 MCL.

Please print or type

Form Approved OMB No. 2050-0039

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's Name and Mailing Address  
MIDDLEBOWN ONE RESOURCES  
2. MAIN RATTEN HUNT RD PURCHASE NY 10577

3. Generator's Phone (914) 894-4444

4. Transporter's Company Name  
WILLIS TRUCKING

5. US EPA ID Number  
MD068513409

6. Transporter's Company Name  
WILLIS TRUCKING

7. US EPA ID Number  
MI0980991366

8. Designated Facility Name and Site Address  
USL CITY ENVIRONMENTAL  
1229 FREDERICK STREET  
DETROIT MI 48211

9. US EPA ID Number  
MI0980991366

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER)	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
HM 1. 10 HAZARDOUS WASTE SOLID 2. AQS 9, HA 3077 III	XXI	DT	EST 18	52 T

15. Special Handling Instructions and Additional Information  
APR 201 # 302 YIN  
EPC # 171 TVE ENERGY CO 800-362-3570

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this container are fully and accurately described, listed, properly classified, properly marked, and labeled, and are in appropriate condition for transport, in compliance with applicable international and national regulations. If I am a large quantity generator, I certify that I have a program in place to ensure the volume and toxicity of waste generated to be consistently practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to prevent and/or protect to human health and the environment; OR: If I am a small quantity generator, I have made a good faith effort to determine and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: [Signature] Signature: [Signature] Month/Day/Year: [Date]

Printed/Typed Name: [Signature] Signature: [Signature] Month/Day/Year: [Date]

Printed/Typed Name: [Signature] Signature: [Signature] Month/Day/Year: [Date]

19. Discrepancy Indication Space  
BOB KOTO OR correction to section 13

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Anne Miller Signature: [Signature] Date: [Date]

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY AT 1-800-255-3837 IMMEDIATELY.

WASTE MANAGEMENT DIVISION  
MICHIGAN DEPARTMENT OF  
ENVIRONMENTAL QUALITY

DO NOT WRITE IN THIS SPACE

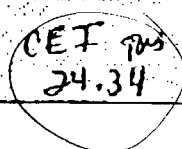
ATT  DIS  REJ  PR

amended.

Failure to file may subject you to criminal and/or civil penalties under Section 324.11151 or 324.12116 MCL

Form Approved OMB No 2050-0039

Please print or type

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		Generator's US EPA ID No <b>NYR000091157</b>		Manifest Document No <b>8116</b>	2 Page 1 of 1	Information in the shaded areas is not required by Federal law	
3. Generator's Name and Mailing Address <b>MIDDLE TOWN ONE RES CURLES 3- MARILLANTOWN RD PURCHASE NY 10577</b>					A. State Manifest Document Number <b>MI 7898116</b>		
4. Generator's Phone (914) <b>694-4444</b>					B. State Generator's ID <b>444-480 DOWNINGFARM NY</b>		
5. Transporter 1 Company Name <b>WILLS TRUCK INC</b>					C. State Transporter's ID <b>10H0068913409</b>		
6. Transporter 1 US EPA ID Number <b>10H0068913409</b>					D. Transporter's Phone <b>8003623540</b>		
7. Transporter 2 Company Name					E. State Transporter's ID		
8. Transporter 2 US EPA ID Number					F. Transporter's Phone		
9. Designated Facility Name (to be Site Address) <b>USL CITY ENVIRONMENTAL INC 1923 FINESTRAVE S DETROIT MI 48211</b>					G. State Facility's ID		
10. US EPA ID Number <b>LMID 980991566</b>					H. Facility's Phone <b>313-923-0080</b>		
11. US DOT Description (including HM)		Proper Shipping Name, Hazard Class, and (I NUMBER)		12. Containers No	13. Total Quantity	14. Unit M/V	I. Waste No.
a. <b>X RO HAZARDOUS WASTE SOLID</b>		<b>MSR 9, MA 3077 III</b>		<b>XX</b>	<b>1 DT</b>	<b>22 T</b>	<b>FOOD</b>
b.							
c.							
d.							
J. Additional Descriptions for Materials Listed Above <b>11. A S. 99% SOLID</b>					K. Handling Codes for Wastes Listed Above A. B. C. D.		
15. Special Handling Instructions and Additional Information <b>ERG # 171 IN EMERGENCY CALL APPROVAL # 302414</b>							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste management method that is available to me and that I can afford.							
Printed/Typed Name <b>ROBERT J SMITH</b>		Signature <i>Robert J Smith</i>			Date <b>11/21/00</b>		
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name <b>Tom Hazelton</b>		Signature <i>Tom Hazelton</i>			Date <b>11/21/00</b>		
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name		Signature			Date		
19. Discrepancy Indication Space							
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 Printed/Typed Name <b>Frank Compher</b>					Signature <i>Frank Compher</i>		
					Date <b>12/14/00</b>		

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM IN MICHIGAN AT 1-800-291-4708 OR OUT OF STATE AT 511-373-7650 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-9324 24 HOURS PER DAY

DO NOT WRITE IN THIS SPACE

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amended.

Failure to file may subject you to criminal and/or civil penalties under Section 324 11151 or 324 12116 MCL

Form Approved OMB No 2050-0039

Please print or type.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		Generator's US EPA ID No <b>NYR000091157</b>		Manifest Document No <b>8116</b>	2 Page 1 of 1	Information in the shaded areas is not required by Federal law	
3 Generator's Name and Mailing Address <b>MIDDLE TOWN ONE RESOURCES 3 - BARNHARTTON BLVD PURCHASE NY 10577</b>				A. State Manifest Document Number <b>MI 7898116</b>		B. State Generator's ID <b>444-480 DOWNINGHAM RD NY</b>	
4 Generator's Phone <b>914 664-4444</b>		5 Transporter 1 Company Name <b>WILLS TRUCK INC TEL</b>		6 US EPA ID Number <b>10H0068913409</b>		C. State Transporter's ID <b>8003623570</b>	
7 Transporter 2 Company Name		8 US EPA ID Number		D. Transporter's Phone		E. State Transporter's ID	
9 Designated Facility Name and Site Address <b>USL CITY ENVIRONMENTAL INC 1903 FRENCH ST DETROIT MI 48211</b>				10 US EPA ID Number <b>LMID 980991566</b>		F. State Facility's ID <b>313-923-0080</b>	
11 US DOT Description (including Proper Shipping Name, Hazard Class, and HM)				12 Containers		13 Total Quantity	
				No. Type		14 Unit Wt/Vol	
a. <b>X RO HAZARDOUS WASTE SOLID KGS 9, MA 3077 III</b>				<b>XX 1 DT EST 22 T</b>		<b>FOOD</b>	
b.							
c.							
d.							
11. A. S. <b>99% SOLID</b>						15. Handling Codes for Wastes Listed Above <b>CET 905 24.34</b>	
15. Special Handling Instructions and Additional Information <b>APPROVAL # 302414</b>							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste management method that is available to me and that I can afford. Printed/Typed Name: <b>ROBERT J. MITCHELL</b> Signature: <i>[Signature]</i> Date: <b>11/21/00</b>							
17. Transporter 1 Acknowledgment of Receipt of Materials Printed/Typed Name: <b>Tom Hazelton</b> Signature: <i>[Signature]</i> Date: <b>11/21/00</b>							
18. Transporter 2 Acknowledgment of Receipt of Materials Printed/Typed Name: Signature: Date:							
19. Discrepancy Indication Space							
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name: <b>Steve Conyers</b> Signature: <i>[Signature]</i> Date: <b>12/14/00</b>							

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM IN MICHIGAN AT 1-800-292-8705 OR OUT OF STATE AT 517-373-7850 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8822 24 HOURS PER DAY



WASTE MANAGEMENT DIVISION  
MICHIGAN DEPARTMENT OF  
ENVIRONMENTAL QUALITY

and Part 121 of Act 451, 1994, as amended

Failure to file may subject you to criminal and/or civil penalties under Section 324.11161 or 324.12118 MCL.

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<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NYR000091157</b>		Manifest Document No. <b>5716</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address <b>MIDDLETOWN ONE RESOURCES 3 - MANHATTANVILLE RD PURCHASE NY 10577</b>									
4. Generator's Phone <b>(914) 694-4444</b>									
5. Transporter 1 Company Name <b>WILLS TRUCKING INC.</b>					6. US EPA ID Number <b>104068913409</b>				
7. Transporter 2 Company Name									
8. US EPA ID Number									
9. Designated Facility Name and Site Address <b>USL CITY ENVIRONMENTAL INC. 1923 FREDRICK ST DETROIT MI 48211</b>									
10. US EPA ID Number									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and HM ID NUMBER) <b>X RA HAZARDOUS WASTE SOLID MOS 9, NA 3077 III</b>									
12. Containers					13. Total Quantity		14. Unit W/Vol		
					<b>1</b>		<b>EST 22 T</b>		
15. Special Handling Instructions and Additional Information <b>APPROVAL # 302414 ERG # 171 IN EMERGENCY CALL</b>									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR: If I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <b>ROBERT J SMITH</b>				Signature <i>[Signature]</i>				Date <b>11/21/00</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name <b>Tom Hazelton</b>				Signature <i>[Signature]</i>				Date <b>11/21/00</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name				Signature				Date	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19									
Printed/Typed Name <b>Rick Compton</b>				Signature <i>[Signature]</i>				Date <b>11/21/00</b>	

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 817-373-7660 OR OUT OF STATE AT 1-800-252-4708 OR OUT OF STATE AT 1-800-252-4708 OR OUT OF STATE AT 1-800-424-6463 24 HOURS PER DAY.



WASTE MANAGEMENT DIVISION  
MICHIGAN DEPARTMENT OF  
ENVIRONMENTAL QUALITY

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and Part 121 of Act 451 1994 as amended.

Failure to file may subject you to criminal and/or civil penalties under Section 324 11161 or 324 12116 MCL.

Form Approved OMB No. 2050-0039

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<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NYR 000091157</b>		Manifest Document No. <b>98117</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law			
3. Generator's Name and Mailing Address <b>MIDDLETOWN ONE RESOURCES 3-MANHATTAN RD PURCHASE NY 10577</b>		4. Generator's Phone <b>(914) 694-4444</b>		5. Transporter 1 Company Name <b>WILLIS TRUCKING INC.</b>		6. US EPA ID Number <b>PHD068913409</b>		[REDACTED]			
7. Transporter 2 Company Name		8. US EPA ID Number		9. Designated Facility Name and Site Address <b>USL CITY ENVIRONMENTAL INC. 1923 FREDRICK ST DETROIT MI 48211</b>		10. US EPA ID Number <b>MI0980991566</b>					
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and HM)		12. Containers		13. Total Quantity		14. Unit					
a. <b>X</b> <b>RQ HAZAR DOUS WASTE SOLID NOS 9, NA 3077 III</b>		<b>XX 1 DT</b>		<b>EST 22 T</b>		<b>T</b>					
b.											
c.											
d.											
15. Special Handling Instructions and Additional Information <b>ER6 # 171 IN EMERGENCY CALL 800-362-3570</b>											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; If I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name <b>Kevin Francis</b>				Signature <i>Kevin Francis</i>				Date <b>12/15/00</b>			
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name <b>Dan Rowles</b>				Signature <i>Dan Rowles</i>		Date <b>12/15/00</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name				Signature		Date	
19. Discrepancy Indication Space											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19											
Printed/Typed Name <b>Michael Smith</b>				Signature <i>Michael Smith</i>				Date <b>12/18/00</b>			

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 817-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-282-4706 OR OUT OF STATE AT 817-373-7660 AND THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.