WASTE REMOVAL ACTIO
FINAL REPOR

FACTORY OUTLE
MALL EXPANSIO
TOWN OF NIAGARA, NEW YOR

Prepared fo

Benderson Development Company, In
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Buffalo, New York 14203-148

Prepared by

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Amherst, New York 1422

OCTOBER 199

WASTE REMOVAL ACTION FINAL REPORT

FACTORY OUTLET MALL EXPANSION
TOWN OF NIAGARA, NEW YORK

Prepared for:

Benderson Development Company, Inc.
570 Delaware Avenue
Buffalo, New York 14203-1486

Prepared by:

Rust Environment & Infrastructure
495 Commerce Drive
Amherst, New York 14228

October 1995

WASTE REMOVAL ACTION FINAL REPORT
FACTORY OUTLET MALL EXPANSION

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1.0 INTRODUCTION

1.1 General

This Waste Removal Action Report was prepared by Rust Environment & Infrastructure (Rust E&I) for Benderson Development Company (Benderson). The purpose of this report is to confirm and summarize the recently completed Waste Removal Action undertaken by Benderson at the Factory Outlet Mall Expansion Property located in the Town of Niagara, New York. This waste removal action was performed voluntarily by Benderson Development at the request and advisement of the NYSDEC. The NYSDEC was notified by Benderson Development of the discovery of waste material onsite during their recent Mall Expansion Project. The time frame for the construction of this project precluded the preparation and review of a work plan by the NYSDEC. Instead a Scope of Work was submitted with a previously approved Work Plan for the 1994 Interim Remedial Measure (IRM). The NYSDEC reviewed the Scope and then allowed the waste removal activities to begin under direction of the 1994 Work Plan. This Waste Removal Action Report was then prepared and submitted at the request of the New York State Department of Environmental Conservation (NYSDEC).

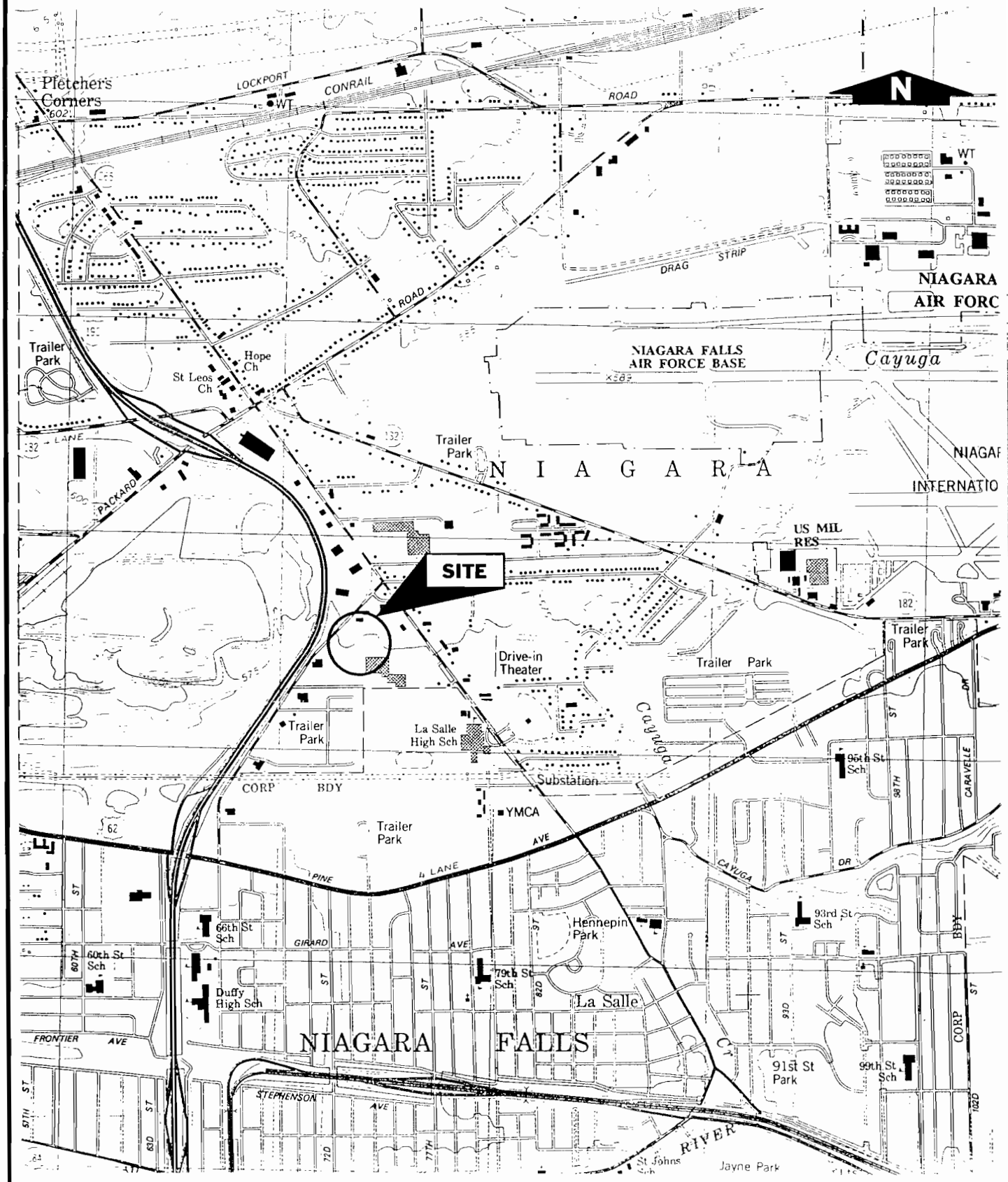
1.2 Property Location

The Factory Outlet Mall Expansion Area , hereafter referred to as the "Property", is located within the southern section of the Town of Niagara, New York (refer to Figure 1). The Property is located on the western portion of a commercial property (presently the Niagara Factory Outlet Mall) and was enclosed by a chain link fence. Construction activities performed at the Property were part of the mall expansion project. Immediately west of the Property is a drainage ditch and the adjacent Connecting Road. The BFI/CECOS Secure Chemical Management Facility is located approximately one-quarter of a mile west of the Site. The Niagara Falls Outlet Mall facility is located due east and directly adjacent to the Property.

1.3 Property History

The area subject to the Waste Removal Action encompasses approximately one acre of land, as presented on Figure 1. This tract of land was previously owned by Walter Kozdranski, Inc. and is currently owned by the Niagara County Industrial Development Agency. The majority of the property is leased by Benderson and has been developed into the Niagara Factory Outlet Mall.

An Interim Remedial Measure (IRM) was completed at the Site in February of 1994 in conjunction with and pursuant to a final Consent Order Agreement between Benderson and NYSDEC. A total of 12,878 tons of waste were removed from the Site during the IRM. The most prevalent waste type encountered was a tan-yellow resinous material that was excavated and removed in a layer ranging in thickness from 1 inch to 4 feet. Additional waste and fill material encountered during excavation activities consisted of a white-blue/gray powder, drums, construction and demolition (C & D) debris, cinders, slag, bricks and ash. Waste material was typically observed in pockets and thin to thick



RUST ENVIRONMENT & INFRASTRUCTURE

495 COMMERCE DRIVE AMHERST, NY 14228

EXPANSION PROJECT
FACTORY OUTLET MALL

BENDERSON DEVELOPMENT COMPANY

FIGURE NO. 1

layers of waste mixed with soil and fill. All wastes encountered were characterized as non-hazardous industrial waste . All waste material was subsequently transported and disposed of at the Modern Landfill Facilities located in Model City, New York. The Site was subsequently delisted from the NYSDEC Registry of Inactive Hazardous Waste Sites.

During construction of the mall expansion in November of 1994, a white powder waste was encountered while drilling caissons for the mall's foundation. A sample of the waste was collected and analyzed for TCLP, and found to exceed regulatory limits for vinyl chloride. Each caisson where the white powder waste was encountered was noted and this data served to establish the boundaries of the waste area without the need to complete additional soil borings or test pits.

In January of 1995, RUST E&I was retained by Saperston & Day, P.C. legal representative for Benderson, to conduct a waste removal action in the area of mall expansion. Under agreement with Benderson Development, RUST E&I was contracted to direct waste removal actions as well as perform air monitoring duties during waste excavation. In April of 1995, RUST E&I supervised and directed the screening of the excavated materials and performed sampling of the various segregated wastes.

1.4 Purpose and Objective of the Waste Removal Action

The purpose of this Waste Removal Action was to remove all buried wastes, contaminated soils and debris contained within the delineated waste area of the Site. In order to fulfill the purpose of this Waste Removal Action, the following tasks were completed. Each of these tasks are described in detail in Section 4.0 of this Report.

- Segregation of waste from visually clean cover soils;
- Excavation of former disposal area;
- Transportation and on-site staging of waste materials;
- TCLP soil sampling and analytical program;
- Property closure by backfill;
- Final waste disposition; and
- Field observation and documentation of Excavation and Disposal Activities.

Property closure included backfill with crusher run stone to surface grade. The remediated area will be eventually covered by a concrete slab and a newly constructed building, which would minimize the potential for human contact as well as limit infiltration of precipitation into the remediated area.

2.0 PARTICIPATING AGENCIES AND COMPANIES

2.1 Property Leasee

The Benderson Development Company, Inc. (Benderson) located at 570 Delaware Avenue, Buffalo, New York funded the Waste Removal Action as Leasee of the property. The designated owner and generator of waste sent off-site for proper disposal is the Niagara County Industrial Development Agency.

2.2 Council

Benderson retained Saperston & Day, P.C., located at Three Fountain Plaza, Buffalo, New York as legal council for this project.

2.3 Consultant

Rust E&I was retained by Benderson to design and oversee the excavation/construction activities associated with the waste disposal area at the Site. The term "Engineer" in this report refers to Rust Environment and Infrastructure.

2.4 Contractor

The Contractor for this project was Haseley Trucking Company, Inc., 10315 Lockport Road, Niagara Falls, New York. Haseley provided all excavation and staging of wastes as described in Section 1.4. The term "Contractor" in this report refers to Haseley Trucking Company, Inc.

2.5 State and Local Agencies

The following State and local agencies provided review and oversight comments in project initiation meetings. The NYSDEC had monitoring personnel on-site daily to observe and coordinate remedial activities.

New York State Department of Environmental Conservation, Region 9
270 Michigan Avenue
Buffalo, New York 14203-2999

New York State Department of Health
2 University Place
Albany, New York 12203

Niagara County Department of Health

10th and East Fall Street
Niagara Falls, New York 14302

3.0 PROPERTY DESCRIPTION

3.1 Property Topography

Prior to waste removal, this part of the Property had been paved and was used as a parking area for the Factory Outlet Mall. This area is relatively flat and slopes gently to the southeast and east, directing storm drainage to catch basins located throughout the Malls' parking lot.

3.2 Regional Geology

The Property is located within the Erie-Ontario Lowlands physiographic province. The province was formerly a lake bottom during Lake Wisconsin deglaciation, and is characterized by generally flat topography. In the project area, the land elevation ranges between 570 to 577 feet above mean sea level, and slopes to the south-southwest towards the Niagara River.

A majority of the Property was filled, in the recent past, to depths up to twelve feet with waste material. The waste materials consisted of soil, slag, construction and demolition (C & D) debris, white powder, resinous waste, and other materials. From the ground surface to the top of the Silty Clay, the fill material consisted of construction and demolition (C & D) debris, blacktop, cinders, slag, wood and ash.

The general stratigraphy at the Property can be described as follows:

- Pavement and crusher run, some sand and silt, dry, loose (0.0 - 2.0 feet);
- Waste materials, white powder (2.0-12.0 feet);
- Red-brown silty clay, trace fine gravel trace sand, stiff, moist (4.0-14.0 ft); and
- Top of rock at 14.0 feet, Lockport Dolostone vuggy, gypsum in filling, porous.

The Silty Clay unit occurred at depths ranging from four to seven feet due primarily to the variations in surface elevations.

4.0 WASTE REMOVAL ACTION CONSTRUCTION ACTIVITIES AND FINDINGS

4.1 General

The following section briefly describes the implementation, operation and findings of the various waste removal action construction activities performed at the Property. During the period between February 2 and February 11, 1995, excavation, segregation and on-site staging of waste was performed by Haseley Trucking Co., Inc. under the supervision of Benderson personnel and monitoring by Rust E&I personnel. Backfill work activities were also performed by Haseley Trucking under the direction of Benderson personnel.

4.2 Excavation and Disposal of Waste

Waste removal commenced with excavation of waste on the southern end of the disposal area and proceeded towards the northern end of the delineated area as defined in the Scope of Work. Wastes were visually identified and removed both vertically and laterally. Vertically, all soil and wastes were removed down to the depth of the top of clay surface or bedrock. After excavating a significant portion of the waste area, approximately one foot of clay was removed from the bottom of the excavation. Laterally, the excavation proceeded until no visual signs of contaminated wastes were present. The delineation of waste excavated during the Waste Removal Action is referenced on Figure 2.

Clay from the bottom of the excavation was stripped by a Komatsu 300 excavator that operated under a "clean" designation. Excavated clay was pushed forward into the contaminated areas to form clay berms to separate groundwater that had entered the excavation from the surrounding unexcavated area.

All excavated soils, waste and debris were separated on a visual basis and transported to one of two staging areas on-site to await final disposition.

4.3 Identification and Extent of Waste Encountered During Excavation and Removal

The waste was excavated from the area delineated by caisson drilling performed in association with the foundation construction for the mall expansion. The waste material consisted predominantly of a white powder which ranged in thickness from six inches to two feet and was encountered in thin to thick layers mixed with soil and fill. Additional wastes encountered during the excavation included a minor amount of yellow resin waste (previously encountered in the 1994 IRM), approximately 150 drums, the majority in poor condition, approximately 200 gallons purple liquid (previously identified as containing vinly chloride), construction and demolition (C & D) debris, cinders, slag, bricks and ash.

Surficial fill soils, which did not contain white powder waste, ranged in thickness between two (2) to three feet and were excavated, segregated and staged on-site as a designated "clean" type of

excavated material. The excavation proceeded laterally and vertically until no visual signs of white powder waste were apparent. A map showing the delineation of the excavation is provided in Figure 2.0.

Two drum pit areas, pit #1 and pit #2, were encountered during excavation activities and contained approximately 24 drums and 12 drums, respectively. The drums in the two pit areas contained both white powder and drums containing a purple liquid. This purple liquid had previously been identified by Buffalo Testing as containing vinyl chloride. Drums encountered in both the pit areas were observed to be in a distressed condition which precluded the recovery of any liquid wastes. All drums found in the pit areas associated with the purple liquid were segregated from the white powder waste and staged separately. These drums were considered to be RCRA empty as during the later staging and screening process there were no remaining liquids noted.

The following volumes of segregated material have been estimated assuming a four (4) foot depth in the main excavation and an eight (8) and ten (10) foot depth of excavation in drum pit #1 and drum pit #2, respectively.

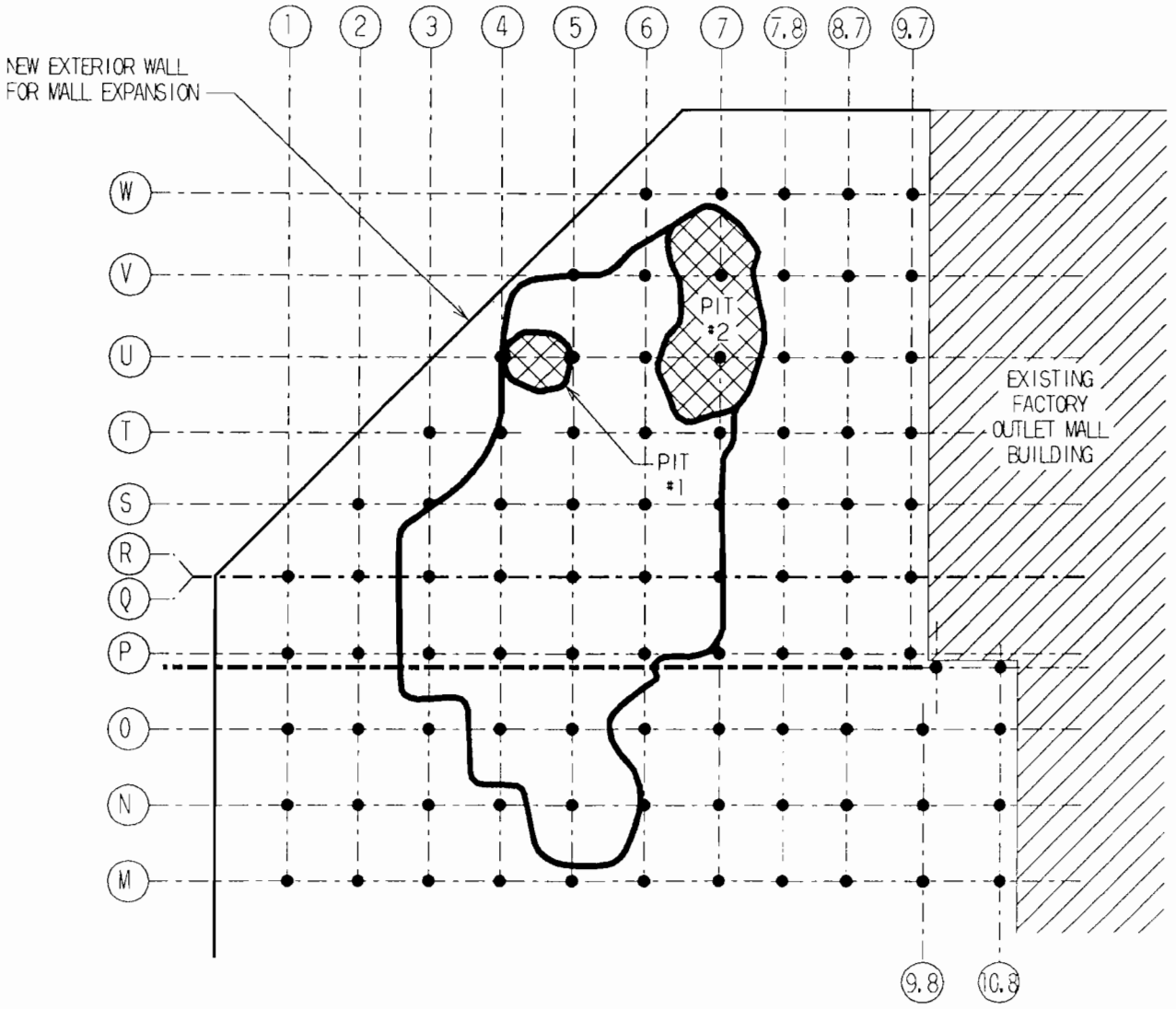
	Total Excavated Volume(CY)	**Surficial Fill Volume(CY)**	**Waste Volume(CY)**
Main Excavation	3764	1882	1882
Drum Pit #1	1283	256	1027
Drum Pit #2	171	43	128
Total Waste Volume			3037 CY
Total Waste Weight (Assume 1 CY=1.4 Tons)			4252 Tons

4.4 Backfill of Excavation/Site Closure

Backfilling of the excavation was accomplished by the placement and compaction two inch and six inch crusher run stone that was supplied and placed by Haseley Trucking from the Niagara Stone Quarry. Backfill was placed in one foot lifts and compacted with a vibrating roller

4.5 Segregation of Staged Materials

Pursuant to an agreement with the NYSDEC, Benderson Development initiated a screening operation of the excavated staged soils and materials to separate waste, drums, soil and C&D material. Benderson Development contracted Haseley Trucking Company, Inc. to perform the screening operation. As part of Rust E&I services, personnel monitored the segregation activities as well as performed sampling of the waste materials. The screening operations at the site were conducted between April 10 and April 21, 1995.



- AS-BUILT WASTE REMOVAL AREA

- DRAINAGE PIPE

- CAISSON

PLAN

SCALE: 1" = 100'

FIGURE DEVELOPED FROM:
LAUER-MANGUSO & ASS.
TONAWANDA, NY
DRAWING NO. S-1
DATED 3/9/94

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WASTE REMOVAL ACTION
FACTORY OUTLET MALL

BENDERSON DEVELOPMENT COMPANY
FIGURE NO. 1

The excavated material was separated using a Read Screen-All vibrating shaker utilizing a six inch mesh screen. A smaller one inch screen was used initially, however, it had to be removed at the end of the first day due to frequent clogging of materials. A Caterpillar 950F front end loader was used to load the material and pile the screened soils into five large windrows on 10 mil polyethylene plastic sheeting. The material was separated and staged to three areas: drummed material; C&D debris; and waste/soils. The drummed material was segregated to a separate area and placed on 10 mil polyethylene plastic sheeting. The drummed material was then sampled and subsequently covered with plastic sheeting until its final deposition could be determined. The C&D material was screened twice in order to remove the maximum amount of soils and reduce the volume of waste to be disposed of offsite. A photographic record (see Appendix A) was taken over the course of the segregation process.

4.6 Sampling and Analysis of Segregated Materials

The sampling program consisted of two separate events, one after screening and segregation of materials and the second after the onsite disposal of the soil/waste material. In the first event, two individual Drum Samples (BODS1, BODS2), one composite sample for C&D material (BOCDC), one composite Drum Sample (BODC) and five composite soil/waste samples (BOCOMP 1-5) were collected. The composite samples collected from the C&D material and drummed wastes were analyzed for TCLP and RCRA Waste Characterization. The two individual drum samples were collected from labeled drums identifying Goodyear as the generator and were analyzed for TCL + 30 parameters. The composite soil/waste windrows samples were analyzed for only the TCLP volatile fraction. All sampling was conducted on April 20, 1995 and analyzed within a seven day turnaround by NYTEST Environmental Inc..

The second sampling round was performed on July 11, 1995 and as per agreement with the NYSDEC and consisted of 5 soil/waste composite samples (BMSAM01-05) collected after the final deposition and prior to capping of the area with asphalt. The samples were analyzed for TCL Volatiles and analyzed by NYTEST Environmental INC..

4.7 Analytical Results

The following section summarizes both the first and second rounds of sample results from all segregated, staged, and disposed wastes. Analytical results for the first round of sampling are presented on Tables 1 and 2. Analytical laboratory data sheets submitted from the analytical laboratory are presented in Appendix B.

- Concentrations of all TCLP parameters were detected below TCLP regulatory limits in samples collected from the screened soil/waste windrows during the first round of sampling. Vinyl chloride was detected at concentrations ranging from 0.01 to 0.02 ppm. None of the samples exceeded the TCLP regulatory limit for vinyl chloride (0.2 ppm).

TABLE 1
WASTE REMOVAL ACTION
FACTORY OUTLET MALL EXPANSION

Composite Soil/Waste Sample
TCLP Analytical Results Summary
Concentrations values in mg/l-ppm

TCLP Parameter	Sample #					Regulatory Limit
	BOCOMP1	BOCOMP2	BOCOMP3	BOCOMP4	BOCOMP5	
Vinyl Chloride	0.01	0.01	-	0.01	0.02	0.20
Benzene	-	0.02	-		-	0.50

TABLE 2
WASTE REMOVAL ACTION
FACTORY OUTLET MALL EXPANSION

Composite C&D and Drum Waste Sample
TCLP Analytical Results Summary
Concentrations values in mg/l-ppm

TCLP Parameters	C&D Sample BOCDC	Drum Waste BODC	Regulatory Limits
Vinyl Chloride	0.03	0.03	0.20
Carbon Tetrachloride	ND	0.01	0.50
Benzene	0.02	ND	0.50
RCRA Characteristics			
pH	8.79	8.51	2-12.5
Corrosivity	non corrosive	non corrosive	corrosive
Ignitabilty	212oF	212oF	<140oF
Reactivity			
Cyanide	-	-	250
Sulfide	-	-	-

- Concentrations of all TCLP parameters were detected below TCLP regulatory limits in all samples collected from the C&D materials during the first round of sampling. Vinyl chloride was detected at a concentration of 0.03 ppm, which did not exceed the TCLP regulatory limit for vinyl chloride (0.2 ppm).

- Concentrations of all TCLP parameters were detected below TCLP regulatory limits in all samples collected from the various drum wastes during the first round of sampling. Vinyl chloride was detected at a concentration of 0.03 ppm, which did not exceed the TCLP regulatory limit for vinyl chloride (0.2 ppm).

- All waste samples, taken in the first round of samples, were determined to be within acceptable ranges for ignitability, corrosivity and reactivity.

- To summarize, based on the TCLP and RCRA Waste Characterization analytical results, as referenced on Table 2, all of the wastes sampled in the first round can be classified as a non-hazardous industrial waste.

- The five samples taken in the second sample event all showed minor amounts of various organic compounds but none exceeded NYSDEC TAGM Recommended Soil Clean-up Objective (RSCO) values. A summary of the analytical data for this event is presented in Table 3. The analytical data for the second round of sampling results is also presented in Appendix B.

4.8 Disposal of Excavated Wastes

On the basis of the analytical results and approval of the NYSDEC, the excavated screened soil/waste was utilized as backfill material for the parking lot. The soil/waste material was buried on July 11, 1995 on the southwest end of the property approximately 150 ft. from the southwest corner of the Mall Expansion (Figure 3). An estimated 4,445 cubic yards of soil/waste material was buried in an area approximately 100 ft. wide, 150 ft. long , and 8 ft. deep.

The C&D debris was classified as "contaminated C&D" or industrial waste due to its contact with the white powder waste and was shipped to the Modern Sanitary Landfill in Model City, New York on August 9 and 10, 1995.

The drummed wastes were categorized as industrial waste and sent to the WMI Lake View Landfill in Erie, Pennsylvania. The removal action was completed on August 29, 1995 when an estimated 60-70 tons of material was shipped to the WMI facility for disposal.

TABLE 3

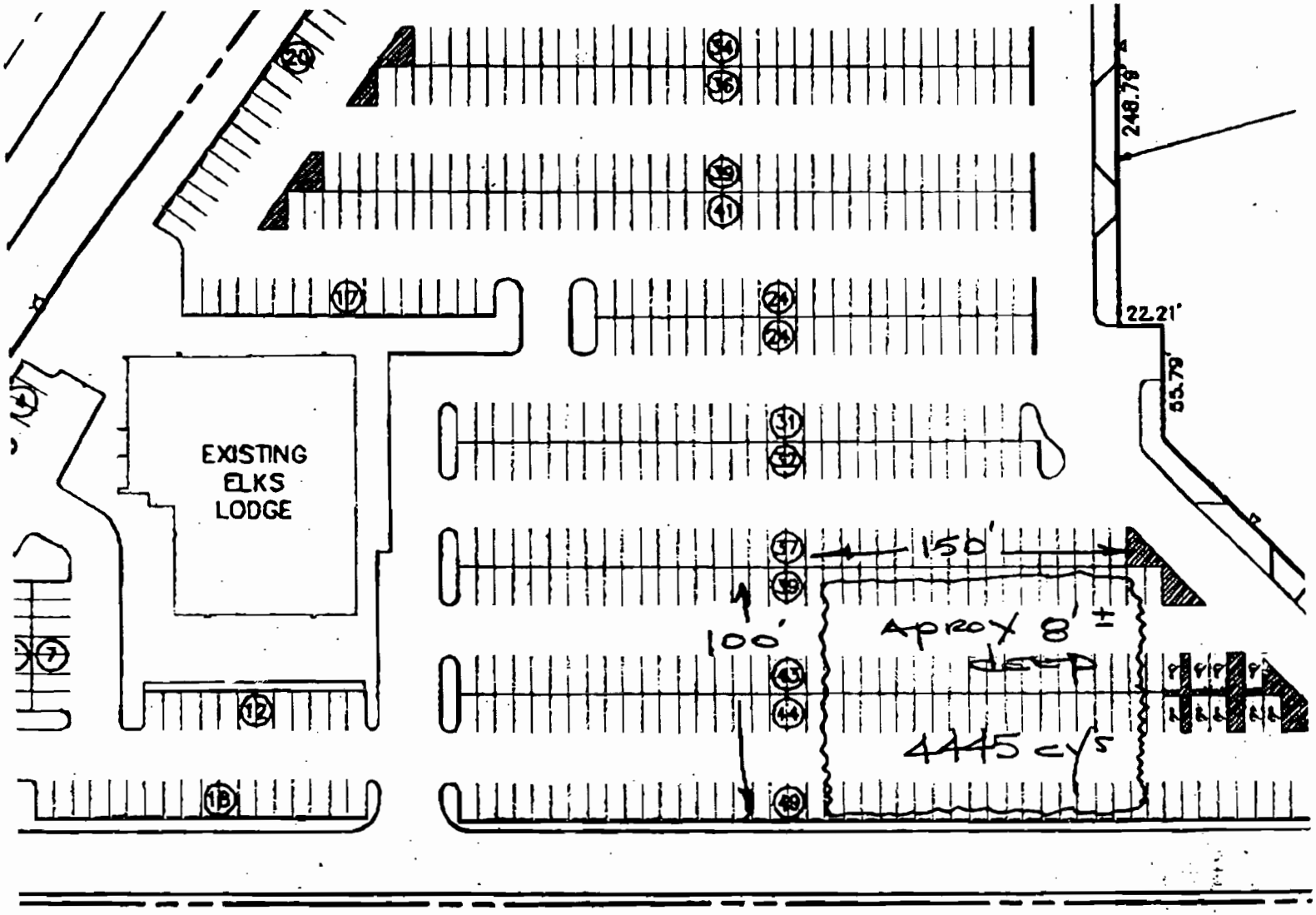
WASTE REMOVAL ACTION
FACTORY OUTLET MALL EXPANSION

Composite Soil/Waste Sample - Second Round
TCL Volatiles Analytical Results Summary

Concentrations values in ug/kg-ppb

Parameter	BMSAM01	BMSAM02	BMSAM03	BMSAM04	BMSAM05	Regulatory Limits*
Vinyl Chloride	19	15	25	20	26	200
Metylene Chloride	4	8	6	6	5	100
1,1 Dichloroethane	7	12	14	21	15	200
1,1 Dichloroethene(total)	6	20	12	50	15	400
Toluene			2		6	1500
1,1,1 Trichloroethane					3	800
Trichloroethene	7	14	19	56		700
Xylene		10				1200

* NYSDEC TAGM Reccommended Soil Cleanup Objective Values (RSCO)



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Quality through teamwork

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NIAGARA OUTLET MALL EXPANSION PROJECT
WASTE REMOVAL ACTION

BENDERSON
DELAWARE AVE., BUFFALO NY

PROJECT NO. 38843	DATE: JAN. 1996	DWG. NO. FIG3	SCALE: NTS	FIGURE NO. 3

4.9 Documentation Air Monitoring and Sampling

An air monitoring program was implemented by the Engineer as stipulated in the Project Health and Safety Plan (HASP). The purpose of the air monitoring program was to assure that the proper level of personnel protective equipment was used by on-site workers; to document that the level of worker protection was adequate; and to assess if contaminants were migrating off-site.

Real time air monitoring was performed by the Engineer on a continuous basis as the waste excavation activities proceeded. Real time air monitoring included Drager tube sampling for vinyl chloride vapors. No instances occurred when high concentrations of vinyl chloride vapors forced waste removal operations to be suspended.

5.0 DOCUMENTATION OF WASTE REMOVAL ACTIVITIES

The Engineer was responsible as Benderson's representative for construction oversight and documentation of the waste removal, segregation and disposal operations . Documentation included the preparation of daily inspection reports, visual identification and delineation of wastes, air monitoring, Site Health and Safety and general correspondence with the NYSDEC and Benderson Development personnel.

6.0 PROJECT CERTIFICATION STATEMENT

This Waste Removal Action Report is provided and certified by Rust Environment and Infrastructure to document the recently completed Remedial Activities at the Benderson Development Outlet Mall Expansion project.

I certify that this document and all attachments were prepared under my direction or supervision and the information submitted is to the best of my knowledge and belief, true, accurate and complete.

9/21/95

John B. Berry, P.E. Date

NYSPE License No. 46600

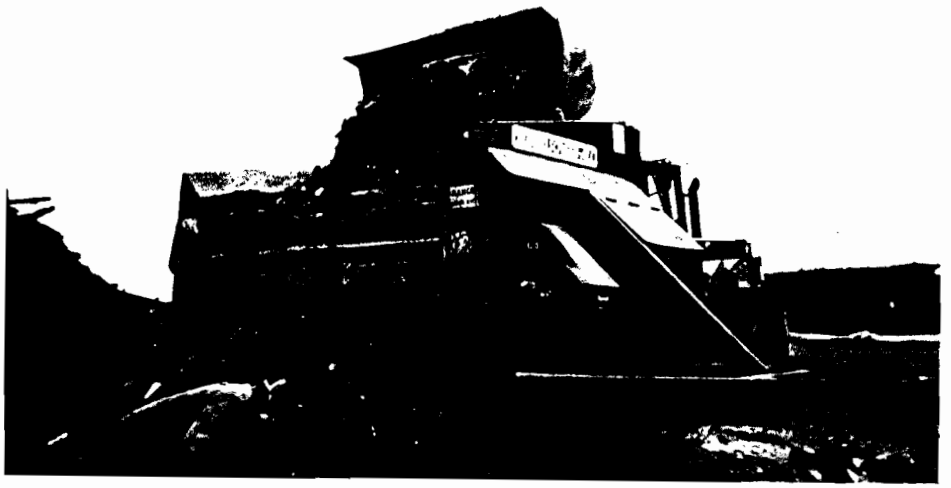
APPENDIX A
CONSTRUCTION PHOTOGRAPHS

EXCAVATED MATERIAL PRIOR TO SCREENING

READ SCREEN ALL USED FOR SEGREGATING MATERIAL

SCREEN IN OPERATION

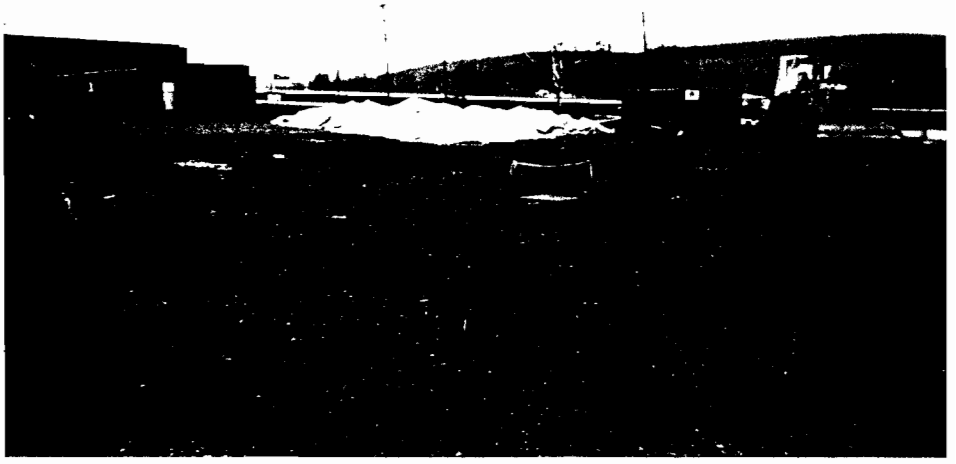
SEGREGATED DRUM WASTE



SCREEN IN OPERATION

LABORER REMOVING DEBRIS FROM GRID

FINAL DRUM AREA



FINAL DRUM AREA COVERED IN PLASTIC

FINAL LANDFARM WINDROWS OF SCREENED SOIL

DEBRIS PILE

APPENDIX B
ANALYTICAL LABORATORY DATA

TOTAL ANALYTICAL SERVICES FOR A SAFE ENVIRONMENT

nytest environmental inc.

Project No.: 9521691
Log in No. : 23654
P.O. No. : Pending
Date : May 5, 1995

ANALYTICAL DATA REPORT
PACKAGE FOR

Benderson Development Co.

570 Delaware Ave.

Buffalo, NY 14202

ATTN: Bill Andris
REF: Factory Outlet Mall, Proj.#38843

LABORATORY NUMBER	SAMPLE IDENTIFICATION	TYPE OF SAMPLE

S E E N E X T P A G E

WE CERTIFY THAT THIS REPORT IS A TRUE REPORT OF RESULTS OBTAINED FROM OUR TESTS OF THIS MATERIAL.

Report To: Rust Environmental
495 Commerce Drive
Amherst, NY 14228
Attn: Dave Rowlinson

RESPECTFULLY SUBMITTED,
NYTEST ENVIRONMENTAL INC.

REMO GIGANTE
EXEC. VICE PRESIDENT

NYS Lab ID. #10195
NJ Cert. #73469

Method Qualifiers for Organic Non-CLP Methodologies

Q Qualifier - Specified entries and their meanings as follows:

U - Indicates compound was analyzed for, but was not detected. The sample quantitation limit is corrected for dilutions and for the moisture content for soil samples. If a sample extract can not be concentrated to the protocol - specific volume, this fact is also accounted for in reporting the sample quantitation limit. The number is the minimum detected limits for the sample.

J - Indicates an estimated volume. The flag is used either when estimating concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicates the presence of a compound that meets the identification criteria, but the result is less than the sample quantitation limit, but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

B - This flag is used when the analyte is found in the associated blank as well as the sample. It indicates possible/probable blank contamination and warns the data used to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound.

E - This flag identifies compound whose concentrations exceeded the calibration range of the GC/MS instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

A - This flag indicates that a TIC is a suspected aldol condensation product.

Method Qualifiers for Inorganics

FORM I-IN includes fields for three types of results qualifiers. These qualifiers must be completed as follows:

* C (Concentration) qualifier -- Enter "B" if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" must be entered.

* Q Qualifier -- Specified entries and their meanings are as follows :

- E - The reported value is estimated because of the presence of interference.
- M - Duplicate precision not met (CV > 20%).
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by Method of Standard Addition (MSA).
- W - Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.
- + - Correlation Coefficient for MSA is less than 0.995.

Entering "S", "W" or "+" is mutually exclusive.

* M (Method) qualifier - enter:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "CV" for Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- "NR" if the analyte is not required to be analyzed.

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23654

We find as follows :

Parameter(s)	Sample Identification			
Lab ID :	2365406	2365407	2365408	
Client ID :	BODS1	BODS2	BOCDC	Method Blank
pH	NR	NR	8.79	NA
Corrosivity, inch/Year	NR	NR	0.01 U	0.01 U
Cyanide, Reactive, ppm	NR	NR	1 U	1 U
Ignitability, Degrees F	NR	NR	212 E	NA
Sulfide, Reactive, ppm	NR	NR	1 U	1 U
Results in mg/Kg (dry basis) :				
Total Cyanide	0.5 U	0.5 U	NR	0.5 U

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23654

We find as follows :

	Sample Identification	
Lab ID :	2365409	
Client ID :	BODC	Method Blank
Parameter(s)		
pH	8.51	NA
Corrosivity, inch/Year	0.01 U	0.01 U
Cyanide, Reactive, ppm	1 U	1 U
Ignitability, Degrees F	212 E	NA
Sulfide, Reactive, ppm	1 U	1 U

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

COMP1

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654T SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365401

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: N2002.D

Level: (low/med) LOW Date Received: 03/21/95

% Moisture: not dec. _____ Date Analyzed: 04/26/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
75-01-4	Vinyl Chloride	0.01	J
75-35-4	1,1-Dichloroethene	0.05	U
67-66-3	Chloroform	0.05	U
107-06-2	1,2-Dichloroethane	0.05	U
78-93-3	2-Butanone	0.05	U
56-23-5	Carbon Tetrachloride	0.05	U
79-01-6	Trichloroethene	0.05	U
71-43-2	Benzene	0.05	U
127-18-4	Tetrachloroethene	0.05	U
108-90-7	Chlorobenzene	0.05	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP2

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654T SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365402

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: N2003.D

Level: (low/med) LOW Date Received: 03/21/95

% Moisture: not dec. _____ Date Analyzed: 04/26/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
75-01-4	Vinyl Chloride	0.01	J
75-35-4	1,1-Dichloroethene	0.05	U
67-66-3	Chloroform	0.05	U
107-06-2	1,2-Dichloroethane	0.05	U
78-93-3	2-Butanone	0.05	U
56-23-5	Carbon Tetrachloride	0.05	U
79-01-6	Trichloroethene	0.05	U
71-43-2	Benzene	0.02	J
127-18-4	Tetrachloroethene	0.05	U
108-90-7	Chlorobenzene	0.05	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP3

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654T SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365403

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: N2004.D

Level: (low/med) LOW Date Received: 03/21/95

% Moisture: not dec. _____ Date Analyzed: 04/26/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
75-01-4	Vinyl Chloride	0.05	U
75-35-4	1,1-Dichloroethene	0.05	U
67-66-3	Chloroform	0.05	U
107-06-2	1,2-Dichloroethane	0.05	U
78-93-3	2-Butanone	0.05	U
56-23-5	Carbon Tetrachloride	0.05	U
79-01-6	Trichloroethene	0.05	U
71-43-2	Benzene	0.05	U
127-18-4	Tetrachloroethene	0.05	U
108-90-7	Chlorobenzene	0.05	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP4

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654T SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365404

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: N2046.D

Level: (low/med) LOW Date Received: 03/21/95

% Moisture: not dec. _____ Date Analyzed: 04/28/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
75-01-4	Vinyl Chloride	0.01	J
75-35-4	1,1-Dichloroethene	0.05	U
67-66-3	Chloroform	0.05	U
107-06-2	1,2-Dichloroethane	0.05	U
78-93-3	2-Butanone	0.05	U
56-23-5	Carbon Tetrachloride	0.05	U
79-01-6	Trichloroethene	0.05	U
71-43-2	Benzene	0.05	U
127-18-4	Tetrachloroethene	0.05	U
108-90-7	Chlorobenzene	0.05	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

COMP5

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654T SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365405

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: N2006.D

Level: (low/med) LOW Date Received: 03/21/95

% Moisture: not dec. _____ Date Analyzed: 04/27/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
75-01-4	Vinyl Chloride	0.02	J
75-35-4	1,1-Dichloroethene	0.05	U
67-66-3	Chloroform	0.05	U
107-06-2	1,2-Dichloroethane	0.05	U
78-93-3	2-Butanone	0.05	U
56-23-5	Carbon Tetrachloride	0.05	U
79-01-6	Trichloroethene	0.05	U
71-43-2	Benzene	0.05	U
127-18-4	Tetrachloroethene	0.05	U
108-90-7	Chlorobenzene	0.05	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BODS1

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: 2365406

Sample wt/vol: 4.0 (g/mL) G Lab File ID: P4639.D

Level: (low/med) MED Date Received: 04/21/95

% Moisture: not dec. 0 Data Analyzed: 05/01/95

Column: (pack/cap) CAP Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q	
74-87-3	Chloromethane	12000	U	
74-83-9	Bromomethane	12000	U	
75-01-4	Vinyl Chloride	110000		110 ug/L
75-00-3	Chloroethane	12000	U	
75-09-2	Methylene Chloride	5200	J	
67-64-1	Acetone	12000	U	
75-15-0	Carbon Disulfide	12000	U	
75-35-4	1,1-Dichloroethene	12000	U	
75-34-3	1,1-Dichloroethane	17000		17 ug/L
540-59-0	1,2-Dichloroethene (total)	2300	J	
67-66-3	Chloroform	12000	U	
107-06-2	1,2-Dichloroethane	1900	J	
78-93-3	2-Butanone	12000	U	
71-55-6	1,1,1-Trichloroethane	12000	U	
56-23-5	Carbon Tetrachloride	12000	U	
75-27-4	Bromodichloromethane	12000	U	
78-87-5	1,2-Dichloropropane	12000	U	
10061-01-5	cis-1,3-Dichloropropene	12000	U	
79-01-6	Trichloroethene	12000	U	
124-48-1	Dibromochloromethane	12000	U	
79-00-5	1,1,2-Trichloroethane	12000	U	
71-43-2	Benzene	12000	U	
10061-02-6	trans-1,3-Dichloropropene	12000	U	
75-25-2	Bromoform	12000	U	
108-10-1	4-Methyl-2-Pentanone	12000	U	
591-78-6	2-Hexanone	12000	U	
127-18-4	Tetrachloroethene	12000	U	
79-34-5	1,1,2,2-Tetrachloroethane	12000	U	
108-88-3	Toluene	2200	J	
108-90-7	Chlorobenzene	12000	U	
100-41-4	Ethylbenzene	12000	U	
100-42-5	Styrene	12000	U	
1330-20-7	Xylene (total)	5400	J	
108-05-4	Vinyl Acetate	12000	U	

000011

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BODS1

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: 2365406

Sample wt/vol: 4.0 (g/mL) G Lab File ID: P4639.D

Level: (low/med) MED Date Received: 04/21/95

% Moisture: not dec. 0 Data Analyzed: 05/01/95

Column: (pack/cap) CAP Dilution Factor: 10.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	15.190	22000	J
2.		UNKNOWN	23.840	19000	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
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30.					

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BODS1

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: 2365406

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q4227.D

Level: (low/med) MED Date Received: 04/21/95

% Moisture: not dec. 0 dec. Date Extracted:04/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/25/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 25.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	250000	U
111-44-4	bis(2-Chloroethyl)Ether	250000	U
95-57-8	2-Chlorophenol	250000	U
541-73-1	1,3-Dichlorobenzene	250000	U
106-46-7	1,4-Dichlorobenzene	250000	U
95-50-1	1,2-Dichlorobenzene	250000	U
95-48-7	2-Methylphenol	250000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	250000	U
106-44-5	4-Methylphenol	250000	U
621-64-7	N-Nitroso-di-n-propylamine	250000	U
67-72-1	Hexachloroethane	250000	U
98-95-3	Nitrobenzene	250000	U
78-59-1	Isophorone	250000	U
88-75-5	2-Nitrophenol	250000	U
105-67-9	2,4-Dimethylphenol	250000	U
120-83-2	2,4-Dichlorophenol	250000	U
120-82-1	1,2,4-Trichlorobenzene	250000	U
91-20-3	Naphthalene	250000	U
106-47-8	4-Chloroaniline	250000	U
87-68-3	Hexachlorobutadiene	250000	U
111-91-1	bis(2-Chloroethoxy)methane	250000	U
59-50-7	4-Chloro-3-Methylphenol	250000	U
91-57-6	2-Methylnaphthalene	250000	U
77-47-4	Hexachlorocyclopentadiene	250000	U
88-06-2	2,4,6-Trichlorophenol	250000	U
95-95-4	2,4,5-Trichlorophenol	250000	U
91-58-7	2-Chloronaphthalene	250000	U
88-74-4	2-Nitroaniline	250000	U
131-11-3	Dimethylphthalate	250000	U
208-96-8	Acenaphthylene	250000	U
606-20-2	2,6-Dinitrotoluene	250000	U
99-09-2	3-Nitroaniline	250000	U
83-32-9	Acenaphthene	250000	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BODS1

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: 2365406

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q4227.D

Level: (low/med) MED Date Received: 04/21/95

% Moisture: not dec. 0 dec. Date Extracted: 04/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/25/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 25.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	250000	U
100-02-7	4-Nitrophenol	250000	U
132-64-9	Dibenzofuran	250000	U
121-14-2	2,4-Dinitrotoluene	250000	U
84-66-2	Diethylphthalate	250000	U
7005-72-3	4-Chlorophenyl-phenylether	250000	U
86-73-7	Fluorene	250000	U
100-01-6	4-Nitroaniline	250000	U
534-52-1	4,6-Dinitro-2-methylphenol	250000	U
86-30-6	N-Nitrosodiphenylamine (1)	250000	U
101-55-3	4-Bromophenyl-phenylether	250000	U
118-74-1	Hexachlorobenzene	250000	U
87-86-5	Pentachlorophenol	250000	U
85-01-8	Phenanthrene	250000	U
120-12-7	Anthracene	250000	U
86-74-8	Carbazole	250000	U
84-74-2	Di-n-butylphthalate	250000	U
206-44-0	Fluoranthene	250000	U
129-00-0	Pyrene	250000	U
85-68-7	Butylbenzylphthalate	250000	U
91-94-1	3,3'-Dichlorobenzidine	250000	U
56-55-3	Benzo(a)anthracene	250000	U
218-01-9	Chrysene	250000	U
117-81-7	bis(2-Ethylhexyl)phthalate	250000	U
117-84-0	Di-n-octylphthalate	250000	U
205-99-2	Benzo(b)fluoranthene	250000	U
207-08-9	Benzo(k)fluoranthene	250000	U
50-32-8	Benzo(a)pyrene	250000	U
193-39-5	Indeno(1,2,3-cd)pyrene	250000	U
53-70-3	Dibenz(a,h)anthracene	250000	U
191-24-2	Benzo(g,h,i)perylene	250000	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BODS1

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: 2365406

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q4227.D

Level: (low/med) MED Date Received: 04/21/95

% Moisture: not dec. 0 dec. Date Extracted: 04/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/25/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 25.0

Number TICs found: 13

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.909	1200000	J
2.		UNKNOWN	16.451	52000	J
3.		UNKNOWN AROMATIC	17.770	72000	J
4.		UNKNOWN AROMATIC	18.881	82000	J
5.		UNKNOWN AROMATIC	19.541	57000	J
6.		UNKNOWN AROMATIC	20.739	66000	J
7.		UNKNOWN AROMATIC	22.614	82000	J
8.		UNKNOWN AROMATIC	22.892	76000	J
9.		UNKNOWN AROMATIC	22.997	55000	J
10.		UNKNOWN AROMATIC	23.274	55000	J
11.		UNKNOWN AROMATIC	23.448	75000	J
12.		UNKNOWN AROMATIC	23.622	100000	J
13.		UNKNOWN AROMATIC	23.917	53000	J
14.					
15.					
16.					
17.					
18.					
19.					
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21.					
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8080 - FORM 1

NYTEST ENVIRONMENTAL INC.

TCL PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	SOIL	SAMPLE ID:	BODS1
CONC. LEVEL:	MED	LAB SAMPLE ID:	2365406
EXTRACTION DATE:	04/24/95	DIL FACTOR:	5.00
ANALYSIS DATE:	04/28/95	% MOISTURE:	NA

CMPD #	CAS Number	PESTICIDE/PCB COMPOUND	UG/KG (DRY BASIS)
1	319-84-6	alpha-BHC	600 U
2	319-85-7	beta-BHC	600 U
3	319-86-8	delta-BHC	600 U
4	58-89-9	gamma-BHC(Lindane)	600 U
5	76-44-8	Heptachlor	600 U
6	309-00-2	Aldrin	600 U
7	1024-57-3	Heptachlor Epoxide	600 U
8	959-98-8	Endosulfan I	600 U
9	60-57-1	Dieldrin	1200 U
10	72-55-9	4,4'-DDE	1200 U
11	72-20-8	Endrin	1200 U
12	33213-65-9	Endosulfan II	1200 U
13	72-54-8	4,4'-DDD	1200 U
14	1031-07-8	Endosulfan Sulfate	1200 U
15	50-29-3	4,4'-DDT	1200 U
16	72-43-5	Methoxychlor	6000 U
17	53494-70-5	Endrin Ketone	1200 U
18	7421-93-4	Endrin Aldehyde	1200 U
19	5103-71-9	alpha-Chlordane	600 U
20	5103-74-2	gamma-Chlordane	600 U
21	8001-35-2	Toxaphene	12000 U
22	12674-11-2	Aroclor-1016	6000 U
23	11104-28-2	Aroclor-1221	6000 U
24	11141-16-5	Aroclor-1232	6000 U
25	53469-21-9	Aroclor-1242	6000 U
26	12672-29-6	Aroclor-1248	6000 U
27	11097-69-1	Aroclor-1254	6000 U
28	11096-82-5	Aroclor-1260	6000 U

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BODS1

Lab Name: NYTEST_ENV_INC. Contract: 9521691

Lab Code: NYTEST Login No.: 23654 QC Report No.23654

Matrix (soil/water): SOIL
Level (low/high) : LOW
Percent Solids : 100.0

Lab Sample ID: 365406
Date Received: 04/21/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	19.8			P
7440-36-0	Antimony	4.1	U		P
7440-38-2	Arsenic	0.48	U		F
7440-39-3	Barium	1.5	U		P
7440-41-7	Beryllium	0.09	U		P
7440-43-9	Cadmium	0.44	U		P
7440-70-2	Calcium	46.5	B		P
7440-47-3	Chromium	0.70	U		P
7440-48-4	Cobalt	0.96	U		P
7440-50-8	Copper	1.7	B		P
7439-89-6	Iron	40.7			P
7439-92-1	Lead	4.0	U		P
7439-95-4	Magnesium	191	U		P
7439-96-5	Manganese	0.57	B		P
7439-97-6	Mercury	0.11			CV
7440-02-0	Nickel	2.9	U		P
7440-09-7	Potassium	838			P
7782-49-2	Selenium	0.48	U		F
7440-22-4	Silver	0.61	U		P
7440-23-5	Sodium	2700			P
7440-28-0	Thallium	0.48	U		F
7440-62-2	Vanadium	0.70	U		P
7440-66-6	Zinc	0.53	U		P

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BODS1 WHITE GRANULAR. MG/KG AS RECEIVED

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BODS2

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: 2365407

Sample wt/vol: 4.0 (g/mL) G Lab File ID: P4640.D

Level: (low/med) MED Date Received: 04/21/95

% Moisture: not dec. 0 Data Analyzed: 05/01/95

Column: (pack/cap) CAP Dilution Factor: 10.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12000	U
74-83-9	Bromomethane	12000	U
75-01-4	Vinyl Chloride	100000	
75-00-3	Chloroethane	12000	U
75-09-2	Methylene Chloride	3100	J
67-64-1	Acetone	12000	U
75-15-0	Carbon Disulfide	12000	U
75-35-4	1,1-Dichloroethene	12000	U
75-34-3	1,1-Dichloroethane	7000	J
540-59-0	1,2-Dichloroethene (total)	12000	U
67-66-3	Chloroform	12000	U
107-06-2	1,2-Dichloroethane	12000	U
78-93-3	2-Butanone	12000	U
71-55-6	1,1,1-Trichloroethane	12000	U
56-23-5	Carbon Tetrachloride	12000	U
75-27-4	Bromodichloromethane	12000	U
78-87-5	1,2-Dichloropropane	12000	U
10061-01-5	cis-1,3-Dichloropropene	12000	U
79-01-6	Trichloroethene	12000	U
124-48-1	Dibromochloromethane	12000	U
79-00-5	1,1,2-Trichloroethane	12000	U
71-43-2	Benzene	12000	U
10061-02-6	trans-1,3-Dichloropropene	12000	U
75-25-2	Bromoform	12000	U
108-10-1	4-Methyl-2-Pentanone	12000	U
591-78-6	2-Hexanone	12000	U
127-18-4	Tetrachloroethene	12000	U
79-34-5	1,1,2,2-Tetrachloroethane	12000	U
108-88-3	Toluene	1300	J
108-90-7	Chlorobenzene	12000	U
100-41-4	Ethylbenzene	12000	U
100-42-5	Styrene	12000	U
1330-20-7	Xylene (total)	12000	U
108-05-4	Vinyl Acetate	12000	U

10 MS/MSD

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BODS2

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: 2365407

Sample wt/vol: 4.0 (g/mL) G Lab File ID: P4640.D

Level: (low/med) MED Date Received: 04/21/95

% Moisture: not dec. 0 Data Analyzed: 05/01/95

Column: (pack/cap) CAP Dilution Factor: 10.0

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	15.580	14000	J
2.		UNKNOWN	17.220	11000	J
3.		UNKNOWN	17.350	15000	J
4.					
5.					
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1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

BODS2

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: 2365407

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q4228.D

Level: (low/med) MED Date Received: 04/21/95

% Moisture: not dec. 0 dec. Date Extracted:04/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/25/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 25.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	250000	U
111-44-4	bis(2-Chloroethyl)Ether	250000	U
95-57-8	2-Chlorophenol	250000	U
541-73-1	1,3-Dichlorobenzene	250000	U
106-46-7	1,4-Dichlorobenzene	250000	U
95-50-1	1,2-Dichlorobenzene	250000	U
95-48-7	2-Methylphenol	250000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	250000	U
106-44-5	4-Methylphenol	250000	U
621-64-7	N-Nitroso-di-n-propylamine	250000	U
67-72-1	Hexachloroethane	250000	U
98-95-3	Nitrobenzene	250000	U
78-59-1	Isophorone	250000	U
88-75-5	2-Nitrophenol	250000	U
105-67-9	2,4-Dimethylphenol	250000	U
120-83-2	2,4-Dichlorophenol	250000	U
120-82-1	1,2,4-Trichlorobenzene	250000	U
91-20-3	Naphthalene	250000	U
106-47-8	4-Chloroaniline	250000	U
87-68-3	Hexachlorobutadiene	250000	U
111-91-1	bis(2-Chloroethoxy)methane	250000	U
59-50-7	4-Chloro-3-Methylphenol	250000	U
91-57-6	2-Methylnaphthalene	250000	U
77-47-4	Hexachlorocyclopentadiene	250000	U
88-06-2	2,4,6-Trichlorophenol	250000	U
95-95-4	2,4,5-Trichlorophenol	250000	U
91-58-7	2-Chloronaphthalene	250000	U
88-74-4	2-Nitroaniline	250000	U
131-11-3	Dimethylphthalate	250000	U
208-96-8	Acenaphthylene	250000	U
606-20-2	2,6-Dinitrotoluene	250000	U
99-09-2	3-Nitroaniline	250000	U
83-32-9	Acenaphthene	250000	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BODS2

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: 2365407

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q4228.D

Level: (low/med) MED Date Received: 04/21/95

% Moisture: not dec. 0 dec. Date Extracted:04/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/25/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 25.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	250000	U
100-02-7	4-Nitrophenol	250000	U
132-64-9	Dibenzofuran	250000	U
121-14-2	2,4-Dinitrotoluene	250000	U
84-66-2	Diethylphthalate	250000	U
7005-72-3	4-Chlorophenyl-phenylether	250000	U
86-73-7	Fluorene	250000	U
100-01-6	4-Nitroaniline	250000	U
534-52-1	4,6-Dinitro-2-methylphenol	250000	U
86-30-6	N-Nitrosodiphenylamine (1)	250000	U
101-55-3	4-Bromophenyl-phenylether	250000	U
118-74-1	Hexachlorobenzene	250000	U
87-86-5	Pentachlorophenol	250000	U
85-01-8	Phenanthrene	250000	U
120-12-7	Anthracene	250000	U
86-74-8	Carbazole	250000	U
84-74-2	Di-n-butylphthalate	250000	U
206-44-0	Fluoranthene	250000	U
129-00-0	Pyrene	250000	U
85-68-7	Butylbenzylphthalate	250000	U
91-94-1	3,3'-Dichlorobenzidine	250000	U
56-55-3	Benzo(a)anthracene	250000	U
218-01-9	Chrysene	250000	U
117-81-7	bis(2-Ethylhexyl)phthalate	250000	U
117-84-0	Di-n-octylphthalate	250000	U
205-99-2	Benzo(b)fluoranthene	250000	U
207-08-9	Benzo(k)fluoranthene	250000	U
50-32-8	Benzo(a)pyrene	250000	U
193-39-5	Indeno(1,2,3-cd)pyrene	250000	U
53-70-3	Dibenz(a,h)anthracene	250000	U
191-24-2	Benzo(g,h,i)perylene	250000	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BODS2

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: 2365407

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q4228.D

Level: (low/med) MED Date Received: 04/21/95

% Moisture: not dec. 0 dec. Date Extracted:04/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/25/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 25.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.891	470000	J
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8080 - FORM 1

NYTEST ENVIRONMENTAL INC.

TCL PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	SOIL	SAMPLE ID:	BODS2
CONC. LEVEL:	MED	LAB SAMPLE ID:	2365407
EXTRACTION DATE:	04/24/95	DIL FACTOR:	5.00
ANALYSIS DATE:	04/28/95	% MOISTURE:	NA

CMPD #	CAS Number	PESTICIDE/PCB COMPOUND	UG/KG (DRY BASIS)
1	319-84-6	alpha-BHC	600 U
2	319-85-7	beta-BHC	600 U
3	319-86-8	delta-BHC	600 U
4	58-89-9	gamma-BHC(Lindane)	600 U
5	76-44-8	Heptachlor	600 U
6	309-00-2	Aldrin	600 U
7	1024-57-3	Heptachlor Epoxide	600 U
8	959-98-8	Endosulfan I	600 U
9	60-57-1	Dieldrin	1200 U
10	72-55-9	4,4'-DDE	1200 U
11	72-20-8	Endrin	1200 U
12	33213-65-9	Endosulfan II	1200 U
13	72-54-8	4,4'-DDD	1200 U
14	1031-07-8	Endosulfan Sulfate	1200 U
15	50-29-3	4,4'-DDT	1200 U
16	72-43-5	Methoxychlor	6000 U
17	53494-70-5	Endrin Ketone	1200 U
18	7421-93-4	Endrin Aldehyde	1200 U
19	5103-71-9	alpha-Chlordane	600 U
20	5103-74-2	gamma-Chlordane	600 U
21	8001-35-2	Toxaphene	12000 U
22	12674-11-2	Aroclor-1016	6000 U
23	11104-28-2	Aroclor-1221	6000 U
24	11141-16-5	Aroclor-1232	6000 U
25	53469-21-9	Aroclor-1242	6000 U
26	12672-29-6	Aroclor-1248	6000 U
27	11097-69-1	Aroclor-1254	6000 U
28	11096-82-5	Aroclor-1260	6000 U

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BODS2

ab Name: NYTEST_ENV_INC. Contract: 9521691

Lab Code: NYTEST Login No.: 23654 QC Report No.23654

atrix (soil/water): SOIL
evel (low/high) : LOW
Percent Solids : 100.0

Lab Sample ID: 365407
Date Received: 04/21/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	26.6			P
7440-36-0	Antimony	4.5	U		P
7440-38-2	Arsenic	0.50	U		F
7440-39-3	Barium	1.6	U		P
7440-41-7	Beryllium	0.10	U		P
7440-43-9	Cadmium	0.48	U		P
7440-70-2	Calcium	162	B		P
7440-47-3	Chromium	0.76	U		P
7440-48-4	Cobalt	1.0	U		P
7440-50-8	Copper	2.9			P
7439-89-6	Iron	75.1			P
7439-92-1	Lead	4.4	U		P
7439-95-4	Magnesium	207	U		P
7439-96-5	Manganese	1.7			P
7439-97-6	Mercury	0.13			CV
7440-02-0	Nickel	3.1	U		P
7440-09-7	Potassium	871			P
7782-49-2	Selenium	0.50	U		F
7440-22-4	Silver	0.67	U		P
7440-23-5	Sodium	2840			P
7440-28-0	Thallium	0.50	U		F
7440-62-2	Vanadium	0.76	U		P
7440-66-6	Zinc	1.1	B		P

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

omments:
BODS1 WHITE GRANULAR. MG/KG AS RECEIVED

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOCDC

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654T SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365408

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: N2007.D

Level: (low/med) LOW Date Received: 03/21/95

% Moisture: not dec. _____ Date Analyzed: 04/27/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
75-01-4	Vinyl Chloride	0.03	J
75-35-4	1,1-Dichloroethene	0.05	U
67-66-3	Chloroform	0.05	U
107-06-2	1,2-Dichloroethane	0.05	U
78-93-3	2-Butanone	0.05	U
56-23-5	Carbon Tetrachloride	0.05	U
79-01-6	Trichloroethene	0.05	U
71-43-2	Benzene	0.02	J
127-18-4	Tetrachloroethene	0.05	U
108-90-7	Chlorobenzene	0.05	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOCDC

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365408

Sample wt/vol: 250 (g/mL) ML Lab File ID: Q4284.D

Level: (low/med) LOW Date Received: 04/21/95

% Moisture: not dec. 0 dec. Date Extracted: 04/25/95

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 04/26/95

GPC Cleanup: (Y/N) N pH: 5.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
95-48-7	2-Methylphenol	0.04	U
	3+4-Methylphenol	0.08	U
121-14-2	2,4-Dinitrotoluene	0.04	U
118-74-1	Hexachlorobenzene	0.04	U
87-68-3	Hexachlorobutadiene	0.04	U
67-72-1	Hexachloroethane	0.04	U
98-95-3	Nitrobenzene	0.04	U
87-86-5	Pentachlorophenol	0.20	U
110-86-1	Pyridine	0.04	U
95-95-4	2,4,5-Trichlorophenol	0.04	U
88-06-2	2,4,6-Trichlorophenol	0.04	U
106-46-7	1,4-Dichlorobenzene	0.04	U

TCLP PEST - FORM 1

NYTEST ENVIRONMENTAL INC.

TCLP PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	WATER	SAMPLE ID:	BOCDC
CONC. LEVEL:	LOW	LAB SAMPLE ID:	2365408
EXTRACTION DATE:	04/25/95	DIL FACTOR:	1.00
ANALYSIS DATE:	04/26/95	% MOISTURE:	NA

CMPD #	CAS Number	TCLP PESTICIDE COMPOUNDS	MG/L
1	57-74-9	Chlordane	0.003 U
2	70-20-8	Endrin	0.0006 U
3	76-44-8/1024-57-3	Heptachlor & Heptachlor Epoxide	0.0003 U
4	58-89-9	gamma-BHC(Lindane)	0.0003 U
5	72-43-5	Methoxychlor	0.003 U
6	8001-35-2	Toxaphene	0.03 U

TCLP HERB - FORM 1

NYTEST ENVIRONMENTAL INC.

TCLP HERBICIDES ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	WATER	SAMPLE ID:	BOCDC
CONC. LEVEL:	LOW	LAB SAMPLE ID:	2365408
EXTRACTION DATE:	04/25/95	DIL FACTOR:	1.00
ANALYSIS DATE:	04/27/95	% MOISTURE:	NA

CMPD #	CAS Number	TCLP HERBICIDE COMPOUNDS	MG/L
1	94-75-7	2,4-D	0.01 U
2	93-71-1	2,4,5-TP (Silvex)	0.001 U

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET SAMPLE NO.

BOCDC

Lab Name: NYTEST_ENV_INC. Contract: 9521691

Lab Code: NYTEST Login No.: 23654 QC Report No.23654

Matrix (soil/water): WATER Lab Sample ID: T365408
Level (low/high) : LOW Date Received: 04/21/95
Percent Solids : 0.0

Concentration Units (ug/L or mg/kg dry weight): MG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.056000	U		P
7440-39-3	Barium	0.464130			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.005000	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	0.008000	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.062940			P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.000200	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.087000	U		P
7440-22-4	Silver	0.010980			P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BOCDC TCLP

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BOCDCRE

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365408

Sample wt/vol: 250 (g/mL) ML Lab File ID: Q4426.D

Level: (low/med) LOW Date Received: 04/21/95

% Moisture: not dec. 0 dec. Date Extracted:05/01/95

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/02/95

GPC Cleanup: (Y/N) N pH: 8.8 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
95-48-7	2-Methylphenol	0.04	U
	3+4-Methylphenol	0.08	U
121-14-2	2,4-Dinitrotoluene	0.04	U
118-74-1	Hexachlorobenzene	0.04	U
87-68-3	Hexachlorobutadiene	0.04	U
67-72-1	Hexachloroethane	0.04	U
98-95-3	Nitrobenzene	0.04	U
87-86-5	Pentachlorophenol	0.20	U
110-86-1	Pyridine	0.04	U
95-95-4	2,4,5-Trichlorophenol	0.04	U
88-06-2	2,4,6-Trichlorophenol	0.04	U
106-46-7	1,4-Dichlorobenzene	0.04	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BODC

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654T SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365409

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: N2008.D

Level: (low/med) LOW Date Received: 03/21/95

% Moisture: not dec. _____ Date Analyzed: 04/27/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
75-01-4	Vinyl Chloride	0.03	J
75-35-4	1,1-Dichloroethene	0.05	U
67-66-3	Chloroform	0.05	U
107-06-2	1,2-Dichloroethane	0.05	U
78-93-3	2-Butanone	0.05	U
56-23-5	Carbon Tetrachloride	0.05	U
79-01-6	Trichloroethene	0.01	J
71-43-2	Benzene	0.05	U
127-18-4	Tetrachloroethene	0.05	U
108-90-7	Chlorobenzene	0.05	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BODC

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365409

Sample wt/vol: 250 (g/mL) ML Lab File ID: Q4285.D

Level: (low/med) LOW Date Received: 04/21/95

% Moisture: not dec. 0 dec. Date Extracted: 04/25/95

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 04/26/95

GPC Cleanup: (Y/N) N pH: 5.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
95-48-7	2-Methylphenol	0.87	E
	3+4-Methylphenol	0.34	
121-14-2	2,4-Dinitrotoluene	0.04	U
118-74-1	Hexachlorobenzene	0.04	U
87-68-3	Hexachlorobutadiene	0.04	U
67-72-1	Hexachloroethane	0.04	U
98-95-3	Nitrobenzene	0.04	U
87-86-5	Pentachlorophenol	0.20	U
110-86-1	Pyridine	0.04	U
95-95-4	2,4,5-Trichlorophenol	0.04	U
88-06-2	2,4,6-Trichlorophenol	0.04	U
106-46-7	1,4-Dichlorobenzene	0.04	U

TCLP PEST - FORM 1

NYTEST ENVIRONMENTAL INC.

TCLP PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	WATER	SAMPLE ID:	BODC
CONC. LEVEL:	LOW	LAB SAMPLE ID:	2365409
EXTRACTION DATE:	04/25/95	DIL FACTOR:	1.00
ANALYSIS DATE:	04/26/95	% MOISTURE:	NA

CMPD #	CAS Number	TCLP PESTICIDE COMPOUNDS	MG/L
1	57-74-9	Chlordane	0.003 U
2	70-20-8	Endrin	0.0006 U
3	76-44-8/1024-57-3	Heptachlor & Heptachlor Epoxide	0.0003 U
4	58-89-9	gamma-BHC(Lindane)	0.0003 U
5	72-43-5	Methoxychlor	0.003 U
6	8001-35-2	Toxaphene	0.03 U

TCLP HERB - FORM 1

NYTEST ENVIRONMENTAL INC.

TCLP HERBICIDES ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	WATER	SAMPLE ID:	BODC
CONC. LEVEL:	LOW	LAB SAMPLE ID:	2365409
EXTRACTION DATE:	04/25/95	DIL FACTOR:	1.00
ANALYSIS DATE:	04/27/95	% MOISTURE:	NA

CMPD #	CAS Number	TCLP HERBICIDE COMPOUNDS	MG/L
1	94-75-7	2,4-D	0.01 U
2	93-71-1	2,4,5-TP (Silvex)	0.001 U

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BODC

Lab Name: NYTEST_ENV_INC. Contract: 9521691

Lab Code: NYTEST Login No.: 23654 QC Report No.23654

Matrix (soil/water): WATER
Level (low/high) : LOW
Percent Solids : 0.0

Lab Sample ID: T365409
Date Received: 04/21/95

Concentration Units (ug/L or mg/kg dry weight): MG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	0.079340			P
7440-39-3	Barium	0.431750			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	0.005000	U		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	0.008000	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	0.046000	U		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	0.000200	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	0.087000	U		P
7440-22-4	Silver	0.007000	U		P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BODC TCLP

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BODCDL

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: 2365409

Sample wt/vol: 250 (g/mL) ML Lab File ID: Q4286.D

Level: (low/med) LOW Date Received: 04/21/95

% Moisture: not dec. 0 dec. Date Extracted:04/25/95

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 04/26/95

GPC Cleanup: (Y/N) N pH: 5.0 Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
95-48-7	2-Methylphenol	1.00	D
----------	3+4-Methylphenol	0.38	JD
121-14-2	2,4-Dinitrotoluene	0.20	U
118-74-1	Hexachlorobenzene	0.20	U
87-68-3	Hexachlorobutadiene	0.20	U
67-72-1	Hexachloroethane	0.20	U
98-95-3	Nitrobenzene	0.20	U
87-86-5	Pentachlorophenol	1.00	U
110-86-1	Pyridine	0.20	U
95-95-4	2,4,5-Trichlorophenol	0.20	U
88-06-2	2,4,6-Trichlorophenol	0.20	U
106-46-7	1,4-Dichlorobenzene	0.20	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKP48

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: VBLKP48

Sample wt/vol: 4.0 (g/mL) G Lab File ID: P4631.D

Level: (low/med) MED Date Received: 00/00/00

% Moisture: not dec. 0 Data Analyzed: 05/01/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1200	U
74-83-9	Bromomethane	1200	U
75-01-4	Vinyl Chloride	1200	U
75-00-3	Chloroethane	1200	U
75-09-2	Methylene Chloride	1200	U
67-64-1	Acetone	1200	U
75-15-0	Carbon Disulfide	1200	U
75-35-4	1,1-Dichloroethene	1200	U
75-34-3	1,1-Dichloroethane	1200	U
540-59-0	1,2-Dichloroethene (total)	1200	U
67-66-3	Chloroform	1200	U
107-06-2	1,2-Dichloroethane	1200	U
78-93-3	2-Butanone	1200	U
71-55-6	1,1,1-Trichloroethane	1200	U
56-23-5	Carbon Tetrachloride	1200	U
75-27-4	Bromodichloromethane	1200	U
78-87-5	1,2-Dichloropropane	1200	U
10061-01-5	cis-1,3-Dichloropropene	1200	U
79-01-6	Trichloroethene	1200	U
124-48-1	Dibromochloromethane	1200	U
79-00-5	1,1,2-Trichloroethane	1200	U
71-43-2	Benzene	1200	U
10061-02-6	trans-1,3-Dichloropropene	1200	U
75-25-2	Bromoform	1200	U
108-10-1	4-Methyl-2-Pentanone	1200	U
591-78-6	2-Hexanone	1200	U
127-18-4	Tetrachloroethene	1200	U
79-34-5	1,1,2,2-Tetrachloroethane	1200	U
108-88-3	Toluene	1200	U
108-90-7	Chlorobenzene	1200	U
100-41-4	Ethylbenzene	1200	U
100-42-5	Styrene	1200	U
1330-20-7	Xylene (total)	1200	U
108-05-4	Vinyl Acetate	1200	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLKP48

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: VBLKP48

Sample wt/vol: 4.0 (g/mL) G Lab File ID: P4631.D

Level: (low/med) MED Date Received: 00/00/00

% Moisture: not dec. 0 Data Analyzed: 05/01/95

Column: (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VTBLK0424

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654T SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: VTBLK0424

Sample wt/vol: 1.0 (g/mL) ML Lab File ID: N1994.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. _____ Date Analyzed: 04/26/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
75-01-4	Vinyl Chloride	0.05	U
75-35-4	1,1-Dichloroethene	0.05	U
67-66-3	Chloroform	0.05	U
107-06-2	1,2-Dichloroethane	0.05	U
78-93-3	2-Butanone	0.05	U
56-23-5	Carbon Tetrachloride	0.05	U
79-01-6	Trichloroethene	0.05	U
71-43-2	Benzene	0.05	U
127-18-4	Tetrachloroethene	0.05	U
108-90-7	Chlorobenzene	0.05	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKN09

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654T SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: VBLKN09

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N1993.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. _____ Date Analyzed: 04/26/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
75-01-4	Vinyl Chloride	0.01	U
75-35-4	1,1-Dichloroethene	0.01	U
67-66-3	Chloroform	0.01	U
107-06-2	1,2-Dichloroethane	0.01	U
78-93-3	2-Butanone	0.01	U
56-23-5	Carbon Tetrachloride	0.01	U
79-01-6	Trichloroethene	0.01	U
71-43-2	Benzene	0.01	U
127-18-4	Tetrachloroethene	0.01	U
108-90-7	Chlorobenzene	0.01	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKN12

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654T SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: VBLKN12

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N2040.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. _____ Date Analyzed: 04/28/95

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
75-01-4	Vinyl Chloride	0.01	U
75-35-4	1,1-Dichloroethene	0.01	U
67-66-3	Chloroform	0.01	U
107-06-2	1,2-Dichloroethane	0.01	U
78-93-3	2-Butanone	0.01	U
56-23-5	Carbon Tetrachloride	0.01	U
79-01-6	Trichloroethene	0.01	U
71-43-2	Benzene	0.01	U
127-18-4	Tetrachloroethene	0.01	U
108-90-7	Chlorobenzene	0.01	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK46

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: SMB0424A

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q4225.D

Level: (low/med) MED Date Received: 00/00/00

% Moisture: not dec. 0 dec. Date Extracted: 04/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/25/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 25.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	250000	U
111-44-4	bis(2-Chloroethyl)Ether	250000	U
95-57-8	2-Chlorophenol	250000	U
541-73-1	1,3-Dichlorobenzene	250000	U
106-46-7	1,4-Dichlorobenzene	250000	U
95-50-1	1,2-Dichlorobenzene	250000	U
95-48-7	2-Methylphenol	250000	U
108-60-1	2,2'-oxybis(1-Chloropropane)	250000	U
106-44-5	4-Methylphenol	250000	U
621-64-7	N-Nitroso-di-n-propylamine	250000	U
67-72-1	Hexachloroethane	250000	U
98-95-3	Nitrobenzene	250000	U
78-59-1	Isophorone	250000	U
88-75-5	2-Nitrophenol	250000	U
105-67-9	2,4-Dimethylphenol	250000	U
120-83-2	2,4-Dichlorophenol	250000	U
120-82-1	1,2,4-Trichlorobenzene	250000	U
91-20-3	Naphthalene	250000	U
106-47-8	4-Chloroaniline	250000	U
87-68-3	Hexachlorobutadiene	250000	U
111-91-1	bis(2-Chloroethoxy)methane	250000	U
59-50-7	4-Chloro-3-Methylphenol	250000	U
91-57-6	2-Methylnaphthalene	250000	U
77-47-4	Hexachlorocyclopentadiene	250000	U
88-06-2	2,4,6-Trichlorophenol	250000	U
95-95-4	2,4,5-Trichlorophenol	250000	U
91-58-7	2-Chloronaphthalene	250000	U
88-74-4	2-Nitroaniline	250000	U
131-11-3	Dimethylphthalate	250000	U
208-96-8	Acenaphthylene	250000	U
606-20-2	2,6-Dinitrotoluene	250000	U
99-09-2	3-Nitroaniline	250000	U
83-32-9	Acenaphthene	250000	U

4-Methylphenol is being reported as the combination of 3 + 4 Methylphenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK46

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: SMB0424A

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q4225.D

Level: (low/med) MED Date Received: 00/00/00

% Moisture: not dec. 0 dec. Date Extracted: 04/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/25/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 25.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	250000	U
100-02-7	4-Nitrophenol	250000	U
132-64-9	Dibenzofuran	250000	U
121-14-2	2,4-Dinitrotoluene	250000	U
84-66-2	Diethylphthalate	250000	U
7005-72-3	4-Chlorophenyl-phenylether	250000	U
86-73-7	Fluorene	250000	U
100-01-6	4-Nitroaniline	250000	U
534-52-1	4,6-Dinitro-2-methylphenol	250000	U
86-30-6	N-Nitrosodiphenylamine (1)	250000	U
101-55-3	4-Bromophenyl-phenylether	250000	U
118-74-1	Hexachlorobenzene	250000	U
87-86-5	Pentachlorophenol	250000	U
85-01-8	Phenanthrene	250000	U
120-12-7	Anthracene	250000	U
86-74-8	Carbazole	250000	U
84-74-2	Di-n-butylphthalate	250000	U
206-44-0	Fluoranthene	250000	U
129-00-0	Pyrene	250000	U
85-68-7	Butylbenzylphthalate	250000	U
91-94-1	3,3'-Dichlorobenzidine	250000	U
56-55-3	Benzo(a)anthracene	250000	U
218-01-9	Chrysene	250000	U
117-81-7	bis(2-Ethylhexyl)phthalate	250000	U
117-84-0	Di-n-octylphthalate	250000	U
205-99-2	Benzo(b)fluoranthene	250000	U
207-08-9	Benzo(k)fluoranthene	250000	U
50-32-8	Benzo(a)pyrene	250000	U
193-39-5	Indeno(1,2,3-cd)pyrene	250000	U
53-70-3	Dibenz(a,h)anthracene	250000	U
191-24-2	Benzo(g,h,i)perylene	250000	U

(1) - Cannot be separated from Diphenylamine

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK46

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) SOIL Lab Sample ID: SMB0424A

Sample wt/vol: 1.0 (g/mL) G Lab File ID: Q4225.D

Level: (low/med) MED Date Received: 00/00/00

% Moisture: not dec. 0 dec. Date Extracted:04/24/95

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/25/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 25.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK50

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: SMB0426A

Sample wt/vol: 250 (g/mL) ML Lab File ID: Q4282.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. 0 dec. Date Extracted:04/25/95

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 04/26/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
95-48-7	2-Methylphenol	0.04	U
----------	3+4-Methylphenol	0.08	U
121-14-2	2,4-Dinitrotoluene	0.04	U
118-74-1	Hexachlorobenzene	0.04	U
87-68-3	Hexachlorobutadiene	0.04	U
67-72-1	Hexachloroethane	0.04	U
98-95-3	Nitrobenzene	0.04	U
87-86-5	Pentachlorophenol	0.20	U
110-86-1	Pyridine	0.04	U
95-95-4	2,4,5-Trichlorophenol	0.04	U
88-06-2	2,4,6-Trichlorophenol	0.04	U
106-46-7	1,4-Dichlorobenzene	0.04	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK52

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: SWB0426A

Sample wt/vol: 250 (g/mL) ML Lab File ID: Q4303.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. 0 dec. Date Extracted: 04/26/95

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 04/27/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
95-48-7	2-Methylphenol	0.04	U
----------	3+4-Methylphenol	0.08	U
121-14-2	2,4-Dinitrotoluene	0.04	U
118-74-1	Hexachlorobenzene	0.04	U
87-68-3	Hexachlorobutadiene	0.04	U
67-72-1	Hexachloroethane	0.04	U
98-95-3	Nitrobenzene	0.04	U
87-86-5	Pentachlorophenol	0.20	U
110-86-1	Pyridine	0.04	U
95-95-4	2,4,5-Trichlorophenol	0.04	U
88-06-2	2,4,6-Trichlorophenol	0.04	U
106-46-7	1,4-Dichlorobenzene	0.04	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK65

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: SWB0501B

Sample wt/vol: 250 (g/mL) ML Lab File ID: Q4422.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. 0 dec. Date Extracted:05/01/95

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/02/95

GPC Cleanup: (Y/N) N pH: 5.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
95-48-7	2-Methylphenol	0.04	U
	3+4-Methylphenol	0.08	U
121-14-2	2,4-Dinitrotoluene	0.04	U
118-74-1	Hexachlorobenzene	0.04	U
87-68-3	Hexachlorobutadiene	0.04	U
67-72-1	Hexachloroethane	0.04	U
98-95-3	Nitrobenzene	0.04	U
87-86-5	Pentachlorophenol	0.20	U
110-86-1	Pyridine	0.04	U
95-95-4	2,4,5-Trichlorophenol	0.04	U
88-06-2	2,4,6-Trichlorophenol	0.04	U
106-46-7	1,4-Dichlorobenzene	0.04	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TCLPBLK

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: TCLPBLK

Sample wt/vol: 250 (g/mL) ML Lab File ID: Q4304.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. 0 dec. Date Extracted:04/26/95

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 04/27/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
95-48-7	2-Methylphenol	0.04	U
	3+4-Methylphenol	0.08	U
121-14-2	2,4-Dinitrotoluene	0.04	U
118-74-1	Hexachlorobenzene	0.04	U
87-68-3	Hexachlorobutadiene	0.04	U
67-72-1	Hexachloroethane	0.04	U
98-95-3	Nitrobenzene	0.04	U
87-86-5	Pentachlorophenol	0.20	U
110-86-1	Pyridine	0.04	U
95-95-4	2,4,5-Trichlorophenol	0.04	U
88-06-2	2,4,6-Trichlorophenol	0.04	U
106-46-7	1,4-Dichlorobenzene	0.04	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TCLPBLK1

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 23654 SAS No.: SDG No.: 23654

Matrix: (soil/water) WATER Lab Sample ID: TCLPBLK1

Sample wt/vol: 250 (g/mL) ML Lab File ID: Q4423.D

Level: (low/med) LOW Date Received: 00/00/00

% Moisture: not dec. 0 dec. Date Extracted:05/01/95

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 05/02/95

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (mg/L or mg/Kg) MG/L	Q
95-48-7	2-Methylphenol	0.04	U
----------	3+4-Methylphenol	0.08	U
121-14-2	2,4-Dinitrotoluene	0.04	U
118-74-1	Hexachlorobenzene	0.04	U
87-68-3	Hexachlorobutadiene	0.04	U
67-72-1	Hexachloroethane	0.04	U
98-95-3	Nitrobenzene	0.04	U
87-86-5	Pentachlorophenol	0.20	U
110-86-1	Pyridine	0.04	U
95-95-4	2,4,5-Trichlorophenol	0.04	U
88-06-2	2,4,6-Trichlorophenol	0.04	U
106-46-7	1,4-Dichlorobenzene	0.04	U

8080 - FORM 1

NYTEST ENVIRONMENTAL INC.

TCL PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	SOIL	SAMPLE ID:	PBLK6
CONC. LEVEL:	MED	LAB SAMPLE ID:	PMB0424B
EXTRACTION DATE:	04/24/95	DIL FACTOR:	5.00
ANALYSIS DATE:	04/28/95	% MOISTURE:	NA

CMPD #	CAS Number	PESTICIDE/PCB COMPOUND	UG/KG (DRY BASIS)
1	319-84-6	alpha-BHC	600 U
2	319-85-7	beta-BHC	600 U
3	319-86-8	delta-BHC	600 U
4	58-89-9	gamma-BHC(Lindane)	600 U
5	76-44-8	Heptachlor	600 U
6	309-00-2	Aldrin	600 U
7	1024-57-3	Heptachlor Epoxide	600 U
8	959-98-8	Endosulfan I	600 U
9	60-57-1	Dieldrin	1200 U
10	72-55-9	4,4'-DDE	1200 U
11	72-20-8	Endrin	1200 U
12	33213-65-9	Endosulfan II	1200 U
13	72-54-8	4,4'-DDD	1200 U
14	1031-07-8	Endosulfan Sulfate	1200 U
15	50-29-3	4,4'-DDT	1200 U
16	72-43-5	Methoxychlor	6000 U
17	53494-70-5	Endrin Ketone	1200 U
18	7421-93-4	Endrin Aldehyde	1200 U
19	5103-71-9	alpha-Chlordane	600 U
20	5103-74-2	gamma-Chlordane	600 U
21	8001-35-2	Toxaphene	12000 U
22	12674-11-2	Aroclor-1016	6000 U
23	11104-28-2	Aroclor-1221	6000 U
24	11141-16-5	Aroclor-1232	6000 U
25	53469-21-9	Aroclor-1242	6000 U
26	12672-29-6	Aroclor-1248	6000 U
27	11097-69-1	Aroclor-1254	6000 U
28	11096-82-5	Aroclor-1260	6000 U

TCLP PEST - FORM 1

NYTEST ENVIRONMENTAL INC.

TCLP PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	WATER	SAMPLE ID:	PTBLK
CONC. LEVEL:	LOW	LAB SAMPLE ID:	PTBLK
EXTRACTION DATE:	04/26/95	DIL FACTOR:	1.00
ANALYSIS DATE:	04/26/95	% MOISTURE:	NA

CMPD #	CAS Number	TCLP PESTICIDE COMPOUNDS	MG/L
1	57-74-9	Chlordane	0.003 U
2	70-20-8	Endrin	0.0006 U
3	76-44-8/1024-57-3	Heptachlor & Heptachlor Epoxide	0.0003 U
4	58-89-9	gamma-BHC(Lindane)	0.0003 U
5	72-43-5	Methoxychlor	0.003 U
6	8001-35-2	Toxaphene	0.03 U

TCLP PEST - FORM 1

NYTEST ENVIRONMENTAL INC.

TCLP PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	WATER	SAMPLE ID:	PBLK13
CONC. LEVEL:	LOW	LAB SAMPLE ID:	PWB0425A
EXTRACTION DATE:	04/25/95	DIL FACTOR:	1.00
ANALYSIS DATE:	04/26/95	% MOISTURE:	NA

CMPD #	CAS Number	TCLP PESTICIDE COMPOUNDS	MG/L
1	57-74-9	Chlordane	0.003 U
2	70-20-8	Endrin	0.0006 U
3	76-44-8/1024-57-3	Heptachlor & Heptachlor Epoxide	0.0003 U
4	58-89-9	gamma-BHC(Lindane)	0.0003 U
5	72-43-5	Methoxychlor	0.003 U
6	8001-35-2	Toxaphene	0.03 U

TCLP PEST - FORM 1

NYTEST ENVIRONMENTAL INC.

TCLP PESTICIDE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	WATER	SAMPLE ID:	PBLK14
CONC. LEVEL:	LOW	LAB SAMPLE ID:	PWB0426A
EXTRACTION DATE:	04/26/95	DIL FACTOR:	1.00
ANALYSIS DATE:	04/26/95	% MOISTURE:	NA

CMPD #	CAS Number	TCLP PESTICIDE COMPOUNDS	MG/L
1	57-74-9	Chlordane	0.003 U
2	70-20-8	Endrin	0.0006 U
3	76-44-8/1024-57-3	Heptachlor & Heptachlor Epoxide	0.0003 U
4	58-89-9	gamma-BHC(Lindane)	0.0003 U
5	72-43-5	Methoxychlor	0.003 U
6	8001-35-2	Toxaphene	0.03 U

TCLP HERB - FORM 1

NYTEST ENVIRONMENTAL INC.

TCLP HERBICIDES ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	WATER	SAMPLE ID:	HTBLK
CONC. LEVEL:	LOW	LAB SAMPLE ID:	PREP 04/24
EXTRACTION DATE:	04/25/95	DIL FACTOR:	1.00
ANALYSIS DATE:	04/27/95	% MOISTURE:	NA

CMPD #	CAS Number	TCLP HERBICIDE COMPOUNDS	MG/L
1	94-75-7	2,4-D	0.01 U
2	93-71-1	2,4,5-TP (Silvex)	0.001 U

TCLP HERB - FORM 1

NYTEST ENVIRONMENTAL INC.

TCLP HERBICIDES ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	WATER	SAMPLE ID:	HBLK14
CONC. LEVEL:	LOW	LAB SAMPLE ID:	HWB0425A
EXTRACTION DATE:	04/25/95	DIL FACTOR:	1.00
ANALYSIS DATE:	04/27/95	% MOISTURE:	NA

CMPD #	CAS Number	TCLP HERBICIDE COMPOUNDS	MG/L
1	94-75-7	2,4-D	0.01 U
2	93-71-1	2,4,5-TP (Silvex)	0.001 U

NYTEST ENVIRONMENTAL INC.

ANALYTICAL AND METHOD BLANK SUMMARY

Lab Name: NYTEST_ENV_INC._____ Contract: 9521691___

Lab Code: NYTEST Login No.: 23654_ QC Report No.: 23654__

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L_

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prep-aration Blank	C	M
Aluminum											NR
Antimony											NR
Arsenic									56.000	U	P
Barium									17.000	U	P
Beryllium											NR
Cadmium									5.000	U	P
Calcium											NR
Chromium									8.000	U	P
Cobalt											NR
Copper											NR
Iron											NR
Lead									46.000	U	P
Magnesium											NR
Manganese											NR
Mercury									0.200	U	CV
Nickel											NR
Potassium											NR
Selenium									87.000	U	P
Silver									7.000	U	P
Sodium											NR
Thallium											NR
Vanadium											NR
Zinc											NR

NR = Analyte Not Requested

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NYTEST ENVIRONMENTAL INC.

ANALYTICAL AND METHOD BLANK SUMMARY

Lab Name: NYTEST_ENV_INC._____ Contract: 9521691___

Lab Code: NYTEST Login No.: 23654_ QC Report No.: 23654__

Preparation Blank Matrix (soil/water): SOIL_

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum									4.700	U	P
Antimony									4.700	U	P
Arsenic									0.500	U	F
Barium									1.700	U	P
Beryllium									0.100	U	P
Cadmium									0.500	U	P
Calcium									50.200	U	P
Chromium									0.800	U	P
Cobalt									1.100	U	P
Copper									0.900	U	P
Iron									1.600	U	P
Lead									4.600	U	P
Magnesium									217.400	U	P
Manganese									0.200	U	P
Mercury									0.100	U	CV
Nickel									3.300	U	P
Potassium									182.200	U	P
Selenium									0.500	U	F
Silver									0.700	U	P
Sodium									68.500	U	P
Thallium									0.500	U	F
Vanadium									0.800	U	P
Zinc									0.600	U	P

NR = Analyte Not Requested

000057

RUST ENVIRONMENT & INFRASTRUCTURE

Chain of Custody Record

Custody Seal # —

RUST E&I Cooler # —

Project Number: 38843

Project Name/Client: Benderson

Samplers: (Signature) [signature]

Item No.	Sample Description (Field ID Number)	Date	Time	Grab	Comp.	Lab Sample Number	Container Number	TCLP VOA	TCLP/RCRA	TCL+30	Sample Type: Soil	Sample Type: Resid/Mix	Sample Type: Waste	Sample Container: 4oz glass	Sample Container: 4oz jar	Sample Container: [illegible]
1	BDCOMP1	4/12/95	1540		✓			✓			✓			✓		
2	BDCOMP2				✓			✓			✓			✓		
3	BDCOMP3				✓			✓			✓			✓		
4	BDCOMP4				✓			✓			✓			✓		
5	BDCOMP5				✓			✓			✓			✓		
6	BDDS1		1610	✓						✓			✓		✓	✓
7	BDDS2		1625	✓						✓			✓		✓	✓
8	BDCDC		1640		✓				✓		✓					2
9	BDDC		1700		✓				✓			✓				2
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Disposed of by: (Signature)	Items:	Date/Time
[signature]	4/12/95 1730				
Relinquished by: (Signature)	Date/Time	Received by: (Signature) [Laboratory]	Disposed of by: (Signature)	Items:	Date/Time

Send Lab Results To:
RUST E&I
Attn: Dave Rawlinson
445 Commerce Dr. Amherst NY 14228

Remarks:

Federal Express Airbill No.:
Lab:

Check Delivery Method:
☐ Samples delivered in person
☐ Common carrier
☐ Mail

Laboratory Receiving Notes:
Custody Seal Intact?
Temp. of Shipping Container:
Sample Condition:

Rev. 4/93 White Copy – Lab Yellow Copy – File Pink Copy – Client F514/Earth.Sci

Project No.: 9521691
Log in No. : 24389
P.O. No. : 011134
Date : 07/18/95

SUMMARY DATA REPORT
PACKAGE FOR

Benderson Development Co.

1900 Military Road

Niagara Falls, NY 14304

ATTN: Joe O'Donnell
REF: Benderson Outlet M 11, Proj.#38843.300

LABORATORY NUMBER	SAMPLE IDENTIFICATION	TYPE OF SAMPLE

S E E N E X T P A G E

WE CERTIFY THAT THIS REPORT IS A TRUE REPORT OF RESULTS OBTAINED FROM OUR TESTS OF THIS MATERIAL.

Report To: Rust Environmental
495 Commerce Drive
Amherst, NY 14228
Attn: Gerry Miller

RESPECTFULLY SUBMITTED,
NYTEST ENVIRONMENTAL INC.

REMO GIGANTE
EXEC. VICE PRESIDENT

NYS Lab ID. #10195
NJ Cert. #73469

Method Qualifiers for Organic Non-CLP Methodologies

Q Qualifier - Specified entries and their meanings as follows:

U - Indicates compound was analyzed for, but was not detected. The sample quantitation limit is corrected for dilutions and for the moisture content for soil samples. If a sample extract can not be concentrated to the protocol - specific volume, this fact is also accounted for in reporting the sample quantitation limit. The number is the minimum detected limits for the sample.

J - Indicates an estimated volume. The flag is used either when estimating concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicates the presence of a compound that meets the identification criteria, but the result is less than the sample quantitation limit, but greater than zero.

N - Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

B - This flag is used when the analyte is found in the associated blank as well as the sample. It indicates possible/probable blank contamination and warns the data used to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound.

E - This flag identifies compound whose concentrations exceeded the calibration range of the GC/MS instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

A - This flag indicates that a TIC is a suspected aldol condensation product.

NARRATIVE DISCUSSION
VOLATILES - 24389

INTRODUCTION

This narrative covers the analysis of one (1) aqueous sample and five (5) soil samples in accordance with protocols based on USEPA CLP (3/90).

HOLDING TIMES

The analytical holding time for this analysis was met.

CALIBRATIONS

All required minimum RRFs and maximum %RSD initial calibration requirements have been met in accordance with the method.

All required minimum RRFs and maximum %D continuing calibration requirements have been met in accordance with the method.

METHOD BLANKS

The method blanks associated with these samples met all method requirements.

SURROGATES (SYSTEM MONITORING COMPOUNDS)

All surrogate recoveries met QC criteria.

MATRIX SPIKES

Sample BMSAM1 was utilized in the low soil MS/MSD series. All spike recoveries and RPD values fell within the advisory QC limits.

INTERNAL STANDARDS

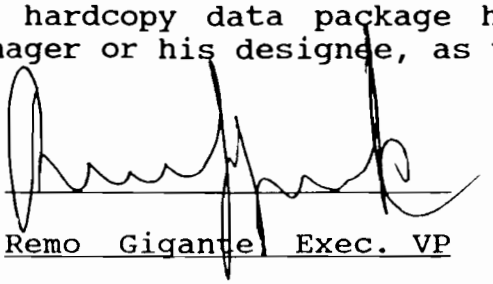
Area responses and retention times fell within an acceptable range, with the exception of sample BMSAM1. Reanalysis was performed and comparable results were obtained, which is indicative of sample matrix affects. Both sets of data are included.

SAMPLE COMMENTS

The TICs identified as "Unknown Siloxane" are most probably due to column degradation and not sample constituency.

No other analytical problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Remo Gigante, Exec. VP

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMSAM1

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438901

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5934.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 19 Date Analyzed: 07/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	19	
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	7	J
540-59-0	1,2-Dichloroethene (total)	6	J
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	7	J
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BMSAM1

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438901

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5934.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 19 Date Analyzed: 07/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN SILOXANE	3.119	11	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMSAM1RE

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438901

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5939.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 19 Date Analyzed: 07/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	20	
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	8	J
540-59-0	1,2-Dichloroethene (total)	6	J
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	8	J
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BMSAM1RE

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438901

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5939.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 19 Date Analyzed: 07/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
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30.					

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMSAM2

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438902

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5935.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 23 Date Analyzed: 07/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	15	
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	8	J
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	12	J
540-59-0	1,2-Dichloroethene (total)	20	
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	14	
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	10	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BMSAM2

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438902

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5935.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 23 Date Analyzed: 07/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN SILOXANE	17.659	12	J
2.		UNKNOWN SILOXANE	21.878	22	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMSAM3

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438903

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5936.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 19 Date Analyzed: 07/13/95

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	25	
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	6	J
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	14	
540-59-0	1,2-Dichloroethene (total)	12	J
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	19	
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

00011

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BMSAM3

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438903

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5936.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 19 Date Analyzed: 07/13/95

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	24.826	8	J
2.					
3.					
4.					
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30.					

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMSAM4

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438904

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5937.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 26 Date Analyzed: 07/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14	U
74-83-9	Bromomethane	14	U
75-01-4	Vinyl Chloride	20	
75-00-3	Chloroethane	14	U
75-09-2	Methylene Chloride	6	J
67-64-1	Acetone	14	U
75-15-0	Carbon Disulfide	14	U
75-35-4	1,1-Dichloroethene	14	U
75-34-3	1,1-Dichloroethane	21	
540-59-0	1,2-Dichloroethene (total)	50	
67-66-3	Chloroform	14	U
107-06-2	1,2-Dichloroethane	14	U
78-93-3	2-Butanone	14	U
71-55-6	1,1,1-Trichloroethane	7	J
56-23-5	Carbon Tetrachloride	14	U
75-27-4	Bromodichloromethane	14	U
78-87-5	1,2-Dichloropropane	14	U
10061-01-5	cis-1,3-Dichloropropene	14	U
79-01-6	Trichloroethene	56	
124-48-1	Dibromochloromethane	14	U
79-00-5	1,1,2-Trichloroethane	14	U
71-43-2	Benzene	14	U
10061-02-6	trans-1,3-Dichloropropene	14	U
75-25-2	Bromoform	14	U
108-10-1	4-Methyl-2-Pentanone	14	U
591-78-6	2-Hexanone	14	U
127-18-4	Tetrachloroethene	14	U
79-34-5	1,1,2,2-Tetrachloroethane	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
100-42-5	Styrene	14	U
1330-20-7	Xylene (total)	14	U

00013

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BMSAM4

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438904

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5937.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 26 Date Analyzed: 07/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST CONC.	Q
1.					
2.					
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00014

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BMSAM5

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438905

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5938.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 18 Date Analyzed: 07/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethan[illegible]	[illegible]2	U
75-01-4	Vinyl Chloride	26	
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	5	J
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	15	
540-59-0	1,2-Dichloroethene (total)	15	
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	3	J
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	15	
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	6	J
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

00015

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BMSAM5

Lab Name: NYTEST ENV INC Contract: 9521691

Lab Code: NYTEST Case No.: 24389 SAS No.: SDG No.: 24389

Matrix: (soil/water) SOIL Lab Sample ID: 2438905

Sample wt/vol: 5.0 (g/mL) G Lab File ID: P5938.D

Level: (low/med) LOW Date Received: 07/12/95

% Moisture: not dec. 18 Date Analyzed: 07/13/95

GC Column:CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
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27.					
28.					
29.					
30.					

TOTAL ANALYTICAL SERVICES FOR A SAFE ENVIRONMENT

nytest environmental.

(516) 625-5500 FAX: (516) 625-1274

Chain of Custody Record

page # : 1 of 1

Client Name	Bouchercon Development
Address	Delaware Ave.
	Buffalo, N.Y.
Project Manager	Jeren Miller
Phone	716-691-3866 FAX 716-691-3884
Project Name	Bouchercon Outlet Mall
Project Number	38843.300
P.O. #	—
Analytical Protocol	TCL Volatiles Deliverables CLP
Sampled By	Jeren Miller

Analysis Requested

Lab ID (Lab Use Only)	Sample ID (Maximum of 6 Characters)	Date Sampled	Time Sampled	Sample Location	No. of Containers	TCL Volatiles
	BMSAM1	7/11/95	1130	Niag. Falls Outlet Mall	1	
	BMSAM2	7/11/95	1135	" "	1	
	BMSAM3	7/11/95	1140	" "	1	
	BMSAM4	7/11/95	1145	" "	1	
	BMSAM5	7/11/95	1150	" "	1	

Bin #'s In / Out (For Lab Use Only)

Comments

Soil sample
" "
" "
" "
" "

Login #: —

Ship to:
Nytest Environmental Inc.
60 Seaview Blvd
Port Washington N.Y. 11050
Attn.: Sample Control

Date Shipped: 7/11/95
Carrier: Fedex
Air Bill #: —
Cooler #: 1
C of C #: —
SDG #: —
NEI QT #: —

	Date / Time		Date / Time
Relinquished by		Received by:	
Print Name		Print Name:	
Relinquished by		Received by:	
Print Name		Print Name:	
Relinquished by		Received by Laboratory:	
Print Name		Print Name:	

Lab Use Only

Custody Seals: Intact Broken Absent

Sample Rec'd in Good Condition? : Y N

Sample Temperature: _____ Degrees Celcius

INSPECTED BY: _____

COMMENTS: _____

Special Instructions : _____