

2021 Hazardous Waste Scanning Project

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Construction Certification Report

Schreck's Scrapyard

North Tonawanda, New York

Site Number 9-32-099

Work Assignment #D002925-1.2



Prepared for:

New York State
 Department Of Environmental Conservation
 50 Wolf Road, Albany, New York 12233

Langdon Marsh
 Commissioner

Division Of Hazardous Waste Remediation

Michael J. O'Toole, Jr., P.E.
 Director

Camp Dresser & McKee
 New York, New York

November 1994

New York State Department of Environmental Conservation

David Leggett - Building Permit & Schreck's Scrapyard

Schreck's Scrapyard, Inc. (#9-32-099)

Approved Approved As Noted Resubmit With Revisions Disapproved

COMMISSIONER OF ENVIRONMENTAL CONSERVATION

Michael J. O'Toole, Jr., P.E.
 Designated Representative

Date: *12-5-94*

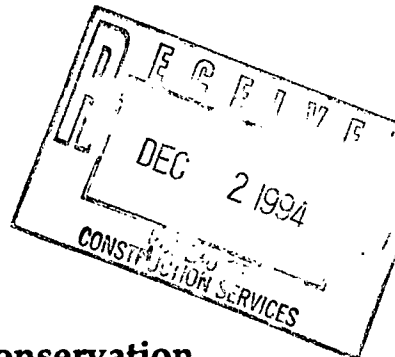
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Section 1 Introduction

1.1 Scope Of Report

This Final Remediation Report documents the work performed at the Schreck's Scrapyard Site No. 9-32-099 in North Tonawanda, New York under the New York State Department of Environmental Conservation (NYSDEC) Contract Documents titled "Building Demolition and Soil Removal" dated February 1993. To the best of Camp Dresser & McKee's (CDM) knowledge, the work was performed in accordance with the intent of the Contract Documents. This report describes all variations from the Contract Documents incorporated into the work, confirmatory sampling results, horizontal and vertical survey of the excavation, location of confirmation samples, summary of wastes removed and recommendations for future investigations and remediation of the site.

1.2 Project Background

The Schreck's Scrapyard site is located at 55 Schenck Street in North Tonawanda, New York, in a mixed light industrial and residential area. The scrapyard is bordered on the north by Schenck Street. Lawless Container Corporation borders the west side of the site. Tondisco Incorporated borders the south side of the site and Conrail tracks form the eastern border of the site (Figure 1-1). Across from the railroad tracks is an empty lot, which at one time was the location of a metal fabrication shop. Although no residential property is adjacent to the site, a dense residential neighborhood lies approximately one block east.

The approximate 1.5 acre scrapyard was in a deteriorated condition and the fencing around the site was broken in various locations. The site contained four significant structures: a cinder block office building, a garage, the frame of an abandoned bailer machine with a concrete foundation and an abandoned press pit. The site's soil base was oily and essentially void of vegetative growth. The soil base contained miscellaneous scrap material.

Schreck's Iron and Metal Company operated a scrap iron business at this site from 1951 to 1953; site operations prior to 1951 are unknown. In 1953, the business was sold to Bengart and Menel, Inc., who reportedly continued the same operation until 1977. From 1951 to 1975, while the metal salvage business was still in operation, drums of phenolic waste from Occidental-Durez were reportedly brought to the site and were subsequently hauled by the facility's trucks to local waste disposal facilities. In 1965, 50-60 drums of phenolic wastes were reportedly landfilled in an abandoned press pit located at the south end of the property. The drums were placed into a concrete pit located at the south end of the property. The pit was approximately 18-20 feet deep, and set on top of building debris. The pit was then covered with approximately 2 feet of soil.

From 1960 to 1975, transformers from Niagara Mohawk Power Corporation were routinely brought to the site for salvage. The metal exterior was sheared and the oil was then allowed to spill onto the ground. Reportedly, the oil-soaked soils were periodically excavated by a bulldozer and pushed toward the eastern property boundary.



LAWLESS CORP.
WAREHOUSE

MARION STREET

Residences

SCHENCK STREET

Garage

Office

Car
Crusher

Conrail

Schreck's Scrapyard

Concrete
Foundation
& Boiler

LAWLESS
CONTAINER
CORP.

TONDISCO INC

THOMPSON STREET

SITE LOCATION MAP
SCHRECK'S SCRAPYARD
N. TONAWANDA, NEW YORK

CDM

environmental engineers, scientists,
planners & management consultants

Figure 1-1

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In 1983, the Lawless Container Corporation retained RECRA Research, Inc. (RECRA) to conduct a prepurchase environmental audit of the property. Analysis of two composite soil samples revealed the presence of PCBs (18 and 66 mg/kg), elevated levels of metals, and the presence of cyanide, phenolics and volatile organic compounds.

Subsequently, the NYSDEC retained RECRA to conduct a Phase I environmental assessment in 1986 to evaluate the site for possible inclusion on the state and federal priority list of uncontrolled hazardous waste sites. As a result of the Phase I sampling program, the following events occurred:

- a) The site was added to the NYSDEC registry as a class 2 inactive hazardous waste site in 1987.
- b) The NYSDEC began remedial investigation (RI) fieldwork under the State Superfund Program in November 1988.
- c) The RI determined the site soils had elevated levels of PCBs and lead. Buried drums suspected of being OCC-Durez wastes (generated from the Occidental Chemical Corporation (OCC) Durez Plant) were found to have been disposed in an onsite press pit. Groundwater was found to be contaminated with some metals and organics below regulatory concerns.
- d) The feasibility study (FS) determined that excavation and off-site disposal of the contaminated site soils and the buried drums was the best alternative. The onsite buildings required PCB decontamination. However, an engineering analysis determined that building demolition was more economical.

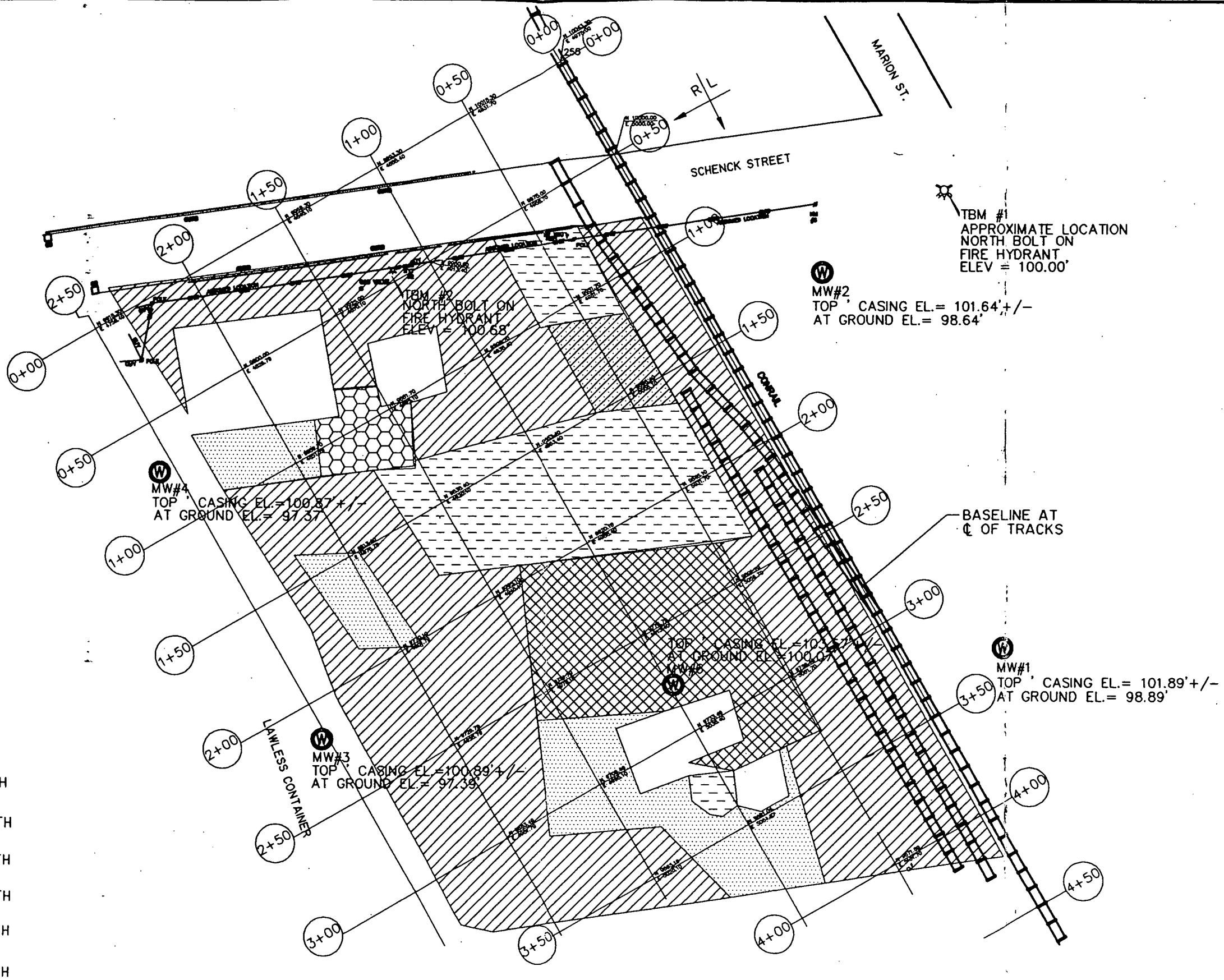
Subsequently, OCC removed and disposed of the drums of waste and any soils contaminated by the drummed waste off-site under a consent order with the NYSDEC.

1.2.1 Project Objectives







The NYSDEC produced design Specifications and Plans to be used during site remediation activities and as the basis for solicitation of Competitive Contractor bids. The NYSDEC also issued a Work Assignment (No. D002925-1) to CDM to provide remedial construction management services during the construction phase of the project.

The selected remedial action would include excavation, and offsite treatment and disposal of the contaminated materials. Estimated limits of contamination were identified in the design documents. The depth of PCB contaminated soils to be removed from the site ranged from 1 to 9 feet (see Figure 1-2). Confirmatory sampling would be used to verify the effectiveness of the remedial action.

Two buildings, a garage and office located at the site, were identified as being contaminated with PCB's and designated to be demolished and removed. In addition, it was determined that operational activities at the site may have spread contaminated soils to the roadways adjacent to the site, and therefore, these roadways were designated to be decontaminated. The limits of the road decontamination area were established in the Contract Documents.



LEGEND:

-  1FT DEPTH
-  3FT DEPTH
-  4FT DEPTH
-  5FT DEPTH
-  6FT DEPTH
-  9FT DEPTH

**ESTIMATED LIMITS OF CONTAMINATION
NYSDEC SCHRECKS SCRAPYARD SITE No. 9-32-099**

Figure No. 1-2

Robert Gencorelli

09/02/94 9:29:03

FIG-2

C:\ACAD\0897-019\

1.3 Project Staff and Responsibilities

A chart of the project chain of command and organization is presented in Figure 1-3.

1.3.1 New York Department of Environmental Conservation (NYSDEC)

All contracting was conducted directly by the NYSDEC. Mr. James Van Hoesen, P.E., acted as the NYSDEC Authorized Representative for the execution of the contract. Mr. Michael Cruden, P.E., the Project Manager, was responsible for contract administration while Messrs. William Roblee and John Hyden were local NYSDEC Site Representatives. Design clarifications were directed to the Department. The Department provided site inspection services for all work performed from substantial completion through to final completion.

1.3.2 Camp Dresser & McKee (CDM)

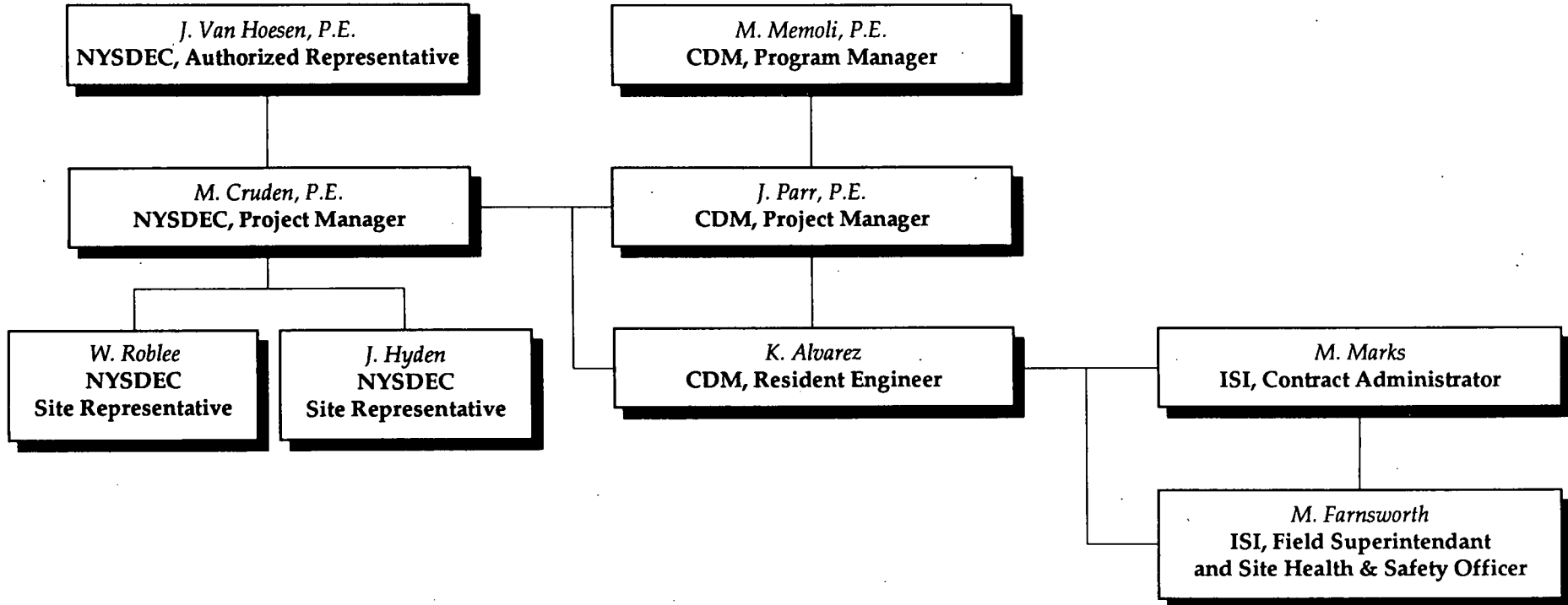
Camp Dresser & McKee (CDM) provided remedial construction management services during the construction phase of the work. Mr. Michael Memoli, P.E., the Program Manager, had ultimate contractual responsibility for the project, including responsibility for the technical content of all engineering work. Mr. James Parr, P.E., the Project Manager, was responsible for the overall technical and financial aspects of the project. While Ms. Karla Alvarez, the Resident Engineer, was responsible for overseeing the day to day remedial construction activities, from the start of construction to substantial completion. CDM's duties included the following:

- Maintaining control of the project budget and schedule.
- Preparing monthly progress reports.
- Review and approval of project invoices.
- Evaluating the technical quality of project deliverables, and adherence to Quality Assurance and Quality Control procedures (QA/QC).
- Managing surveying, data validation and geological subconsultants.
- Verifying compliance with the contract documents.
- Supervising, observing and monitoring all sampling and testing activities.
- Maintaining a record of all samples collected and the results of the analysis.
- Maintaining written daily records of work completed and quantities of unit price bid items completed.
- Identifying any defective work and advising on corrective actions.
- Conducting job progress meetings.

NYS Department Of Environmental Conservation

Camp Dresser & McKee

Innovative Services International, Inc.



CDM

environmental engineers, scientists,
planners & management consultants

New York State Department Of Environmental Conservation
Schrecks Scrapyard Site No. 9-32-099

Project Chain Of Command/Organization Chart

- Reviewing Contractor claims and disputes and proposing resolutions.
- Negotiating and developing field and change orders.
- Preparing cost estimates.
- Coordinating surveying activities and verifying survey control of the work.
- Monitoring Health and Safety Plan implementation.
- Conducting substantial and final completion inspections.
- Preparing photographic documentation of the project.
- Reviewing record drawings showing sample locations and any changes due to field conditions encountered during construction.
- Maintaining construction quality assurance documents.
- Maintaining a log of shipping manifests for waste material transported off the site.
- Preparing the Final Remediation Report.

Modi Associates (Modi) of Cenero, New York, was CDM's surveying subconsultant. Modi was selected to perform three distinct services as summarized below:

1. Performance of pre-construction topographic survey with 50' x 50' grid survey points including perimeter benchmark stakes and the provision of a certified and scaled plan of the site.
2. Rental of survey equipment (level, tripod, rod and tape) for use by the Resident Engineer during construction.
3. Performance of post-construction topographic survey to verify site restoration.

However, the Department decided to eliminate the post-construction survey and requested that CDM check final site elevations.

Data Validation Service (DVS) of Cobble Creek Road, New York was hired by CDM as the data validation subconsultant. Data validation services included the review of contractor reporting and deliverable packages for those samples obtained at the final limits of excavation. A random selection of forty environmental samples (matrix spike and matrix spike duplicates inclusive) were validated and four (4) data validation reports were prepared.

CDM, with the assistance of personnel from CDM Federal Corporation, provided geological subconsulting services needed to develop a groundwater well monitoring plan as requested by the Department. The monitoring plan considered the operation of four groundwater monitoring

wells (two previously existing and two newly installed by the Contractor) around the site. The monitoring plan has been submitted under separate cover.

1.3.3 Innovative Services International, Inc. (ISI)

The Contractor, ISI, provided key project personnel consisting of a Contract Administrator, Field Superintendent, Field Sampling Technician, and Site Health and Safety Officer during the construction phase.

ISI changed Contract Administrators three times during the course of the project. The Contract Administrator was responsible to coordinate shop drawings, lab results and payment request submittals, preparing cost estimates, and coordinating manifest documents.

The duties of superintendent and Site Health and Safety Officer were performed by Mr. Michael Farnsworth. He was responsible for the coordination of day to day operations in the field and implementing field health and safety practices.

Chropa-Lee Inc. was ISI's subconsultant responsible for sample collection and analyses. Both soil and air sampling was performed by Mr. Frank Stachelski, a representative from Chropa-Lee, Inc. Mr. Stachelski also conducted the field confirmatory sample analyses.

In addition, the following list of subcontractors who worked on the project:

Advanced Metal	-	disposal of decontaminated debris
ARRIC Corporation	-	asbestos abatement
Bedrock Construction	-	transport fill
Bison Waste Oil	-	transport and disposal of fuel/water waste
Buffalo Drilling Corporation	-	well decommissioning and replacement
Buffalo Fuel Corporation	-	transport contaminated soil and debris
Carney Plumbing	-	water service hookup
CECOS International, Inc.	-	treatment and disposal of liquid waste
Chamber Brothers Trucking	-	transport construction debris
Chem Waste Management	-	transport contaminated soil and debris
Chopra-Lee, Inc.	-	field sampling, air monitoring, air particulate analyses
Cibro Petroleum	-	disposal of tank waste fluids
CID Landfill	-	disposal of construction debris
CID Refuse Trucking	-	transport construction debris and ACM
Clarence Materials	-	concrete supply
Creative Errands	-	delivery services (lab samples)
Express Labs	-	analytical services
Franks Vacuum Service	-	transport contaminated soil and debris
Franks Vacuum Service	-	transport liquid waste
Frontier Fibers	-	truck scale
General Testing Corporation	-	air and soil sample analyses
HazMat	-	transport contaminated soil and debris
IDI Trucking	-	transport construction debris
Modern Disposal	-	transport non-buried debris and tires
Modern Landfill	-	disposal of decontaminated debris
Modern Recycling	-	processed tires

Oneida Sales & Service	-	fence installation
Page ETC Trucking	-	transport contaminated soil and debris
Pariso Trucking	-	transport contaminated soil and debris
Pine Hill Concrete	-	backfill supply
Price Trucking	-	transport contaminated soil and debris
Proguard	-	security service
Rickmar Electric	-	electric service hookup
Schooly Trucking	-	transport fill
Sear Brown Group	-	industrial hygienist
Technical Drilling	-	monitoring well installation
U.S. Bulk Transport	-	transport contaminated soil and debris
Waste Management, Inc.	-	coordinated disposal facilities
WM High Acres Landfill	-	disposal facilities for contaminated soil and debris
WM Lakeview Landfill	-	disposal facilities for contaminated soil and debris
WM Model City Landfill	-	disposal facilities for contaminated soil and debris

1.4 Description of Work

The Department awarded the construction remediation contract to Innovative Services International Inc. (ISI) on June 18, 1993. A pre-construction meeting held on July 13, 1994 was followed by the Notice to Proceed on July 14, 1993.

The construction phase for the Schrecks Scrapyard Site project began on July 14, 1993. Removal of contaminated soils continued through to January 24, 1994. After a winter shutdown from February 23, 1994 to June 1, 1994, the site was restored with all work, including road decontamination, completed by August 18, 1994.

The work involved the demolition and removal of two PCB and asbestos contaminated structures, the decommissioning of monitoring wells, the removal and disposal of PCB contaminated soil and debris from the Schrecks Scrapyard and the adjacent Conrail property and backfilling the excavated areas with soil from an approved source. Integral to the performance of the work was the decontamination of personnel, equipment and vehicles prior to leaving the site; removal and replacement of the rails on the Conrail property; decontamination of the adjacent roadway; air monitoring and sampling; soil sampling and analysis; removal of non-buried debris from the site; and exploratory test trench excavating. The soil was removed to a maximum depth of nine feet. The top foot of soil adjacent to the garage building was also removed due to failure of the Toxicity Characteristic Leaching Procedure (TCLP) for metals in addition to containing PCB concentrations less than or equal to 50 parts per millions (ppm).

1.5 Report Organization

This report is divided into four sections and several appendices. This introductory section is followed by Section 2 which gives a detailed description of the progression of the construction activities and deviations from contract parameters. Section 3 presents analytical results of soil, liquid and air samples taken during the course of the work. Section 4 provides the summary, construction certification and recommendations for future investigation and remediation at the

site. The Appendices contain results and reports further described in the aforementioned sections.

[docs\nysdec\schrecks\sec1]

Section 2

Construction Narrative

The purpose of this section is to describe the methods and sequence of activities during the construction phase of the work including air monitoring activities, how construction activities were accomplished, deviations from design parameters, project completion and site restoration. Table 2-0 provides a breakdown of final project quantities and costs. An as-built timeline is presented in Figure 2-1 and the construction layout is provided in Figure 2-2.

2.1 Health And Safety Monitoring

2.1.1 Health And Safety Activities

Health and Safety monitoring was conducted during the construction phase in accordance with the site specific Health and Safety Plan and the Contract Documents. A site specific Health and Safety Plan (HASP) was submitted by ISI and approved by the Department. The HASP included documentation of 40-hour training and medical monitoring for ISI personnel, air monitoring requirements, work zone requirements, qualifications and responsibilities for Health and Safety personnel and emergency procedures. Personal monitoring (for total dust, PCBs, total organic vapors and asbestos) was conducted in accordance with the requirements of both the HASP and the Contract Documents.

In addition to the preconstruction health and safety meetings held prior to intrusive work and attended by CDM, NYSDEC, ISI and its subcontractors, daily "tool box" meetings were conducted by the site Health and Safety Officer and attended by all ISI staff prior to start of work. Special health and safety meetings were conducted on an as needed basis for new subcontractors as they began work on the site.

2.1.2 Air Sampling Program

Air monitoring and sampling schedules (See Tables 2-1 and 2-2) were established in accordance with the contract requirements to determine the proper level of personal protective equipment, to verify that the adequate level of protection was used, to measure the migration of contaminants off-site due to intrusive work onsite and to determine if dust suppression techniques used were adequate. Results for documentation, personal and realtime sampling/monitoring results are provided in Appendix D. A meteorological station was installed at the east side of the site to record wind velocity and direction for use in establishing perimeter air sample collection locations.

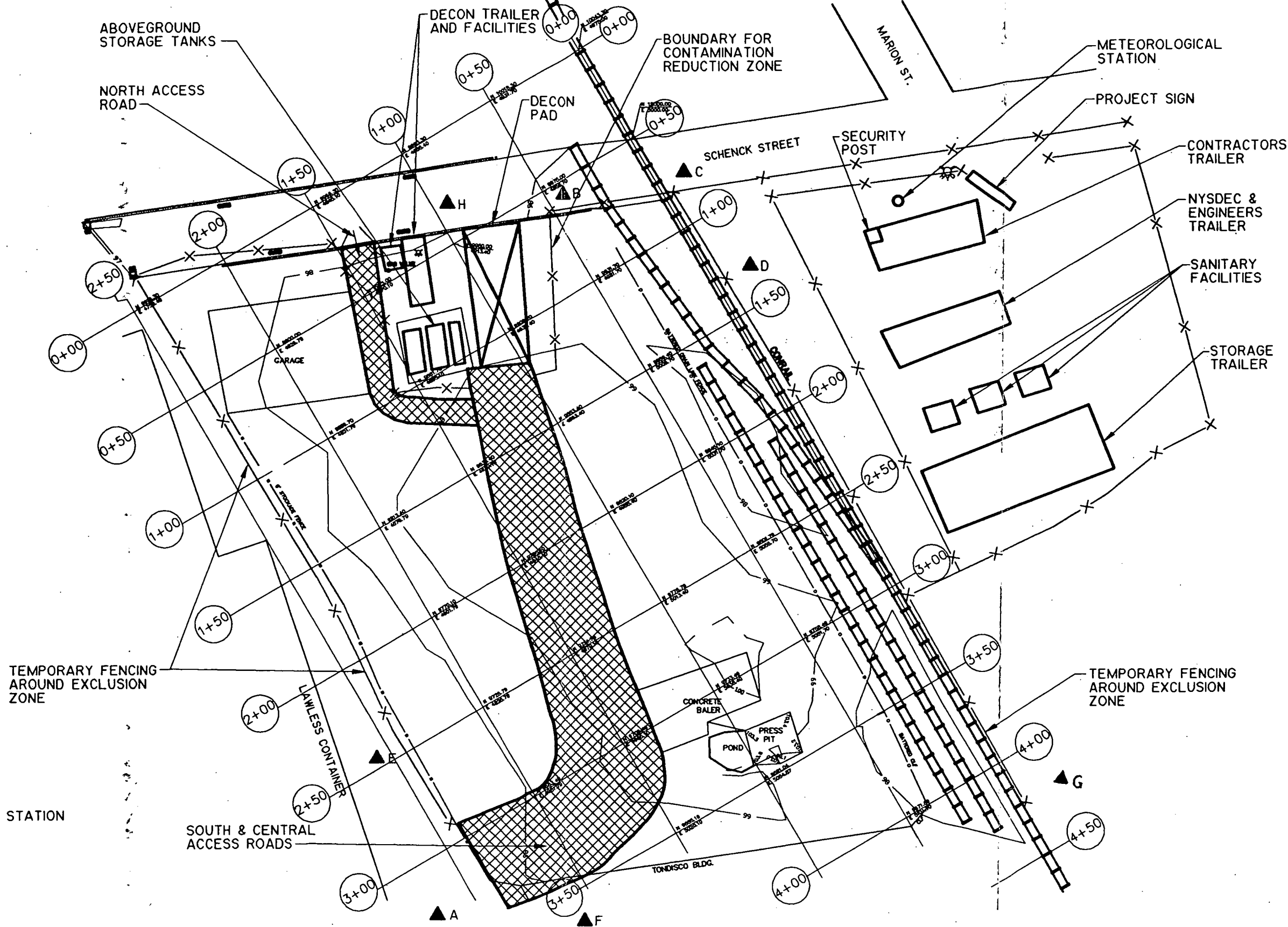
Work zones were physically identified in the field by 5 foot high temporary fencing. Documentation monitoring for total dust, volatilized PCBs, total organic vapors and asbestos was conducted for locations along the perimeter of the exclusion zone during soil excavation, staging and removal activities. These samples were collected twice a week at regularly scheduled intervals. In addition, personal samples were collected twice a week from "high risk" workers within the exclusion zone during intrusive work for the examination of same parameters. Documentation and personal samples for total dust and total volatile organics were assembled using collection filters, sorbent tubes and personal sampling pumps and were analyzed using

Table 2-0
Summary Of Project Quantities And Costs
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

Item Number	Description	Unit Price (\$)	Estimated Contract		Actual Contract	
			Quantity	Value (\$)	Quantity	Value (\$)
00501	Site Preparation	LS	100%	165,050.00	100%	165,050.00
00502	Site Services	8,000/Mo	4.5	36,000.00	6.84	54,720.00
00503	Test Trenches	10/LF	800	8,000.00	607	6,070.00
00504.3	Hazardous Liquids	1/Gal	10,000	10,000.00	0	0.00
00504.4	Non-Hazardous Liquids	0.30/Gal	100,000	30,000.00	29,186	8,755.80
00504.5	Water Controls	0.75/Gal	25,000	18,750.00	0	0.00
00504.6	Hazardous Soil and Debris	187.50/Ton	2,400	450,000.00	2,760	517,500.00
00504.6A	RCRA-Hazardous Soil and Debris	142.50/Ton	1,800	256,500.00	91.04	12,973.20
00504.7	Non-Hazardous Soil and Debris	35.00/Ton	7,800	273,000.00	10,707.80	374,773.00
00504.8	Decontaminated Debris	14.50/Ton	1,000	14,500.00	34.45	499.53
00505	Backfill Material	8.00/Cy	7,400	59,200.00	8,676.67	69,413.36
00506	Confirmatory Samples	200.00/Sample	120	24,000.00	144	28,800.00
00507	Well Decommissioning	2,000.00/Well	6	12,000.00	2	4,000.00
00508	Health & Safety	4,000.00/Mo	4	16,000.00	5.79	23,160.00
00509	Building Demolition	LS	100%	25,000.00	100%	25,000.00
00510	Road Decontamination	LS	100%	10,000.00	100%	10,000.00
—	Pollution Liability	LS	100%	36,000.00	100%	36,000.00
CO #1	Non-Buried Debris	LS	100%	96,702.08	100%	96,702.08
CO #2	Item 00504.6	187.50/Ton	360	67,500.00	IA	IA
	Item 00504.6	199.93/Ton	2,240	447,843.20	2,240	447,843.20
	Item 00504.6A	142.50/Ton	(1,500)	(213,750.00)	IA	IA
	PCO No. 2 - Additional Sampling	LS	100%	1,976.74	100%	1,976.74
	PCO No. 3 - UST Removal	LS	100%	2,727.65	100%	2,727.65
	PCO No. 4 - Asbestos Abatement	LS	100%	4,365.21	100%	4,365.21
	PCO No. 5 - MW Replacement	LS	100%	2,504.25	100%	2,504.25
	PCO No. 6 - Bailer Restoration	LS	100%	1,514.95	100%	1,514.95
CO #3	Item 00502	8,000/Mo	2.34	18,720.00	IA	IA
	Item 00503	10.00/LF	(193)	(1,930.00)	IA	IA
	Item 00504.3	1.00/Gal	(10,000)	(10,000.00)	IA	IA
	Item 00504.4	0.30/Gal	(70,814)	(21,244.20)	IA	IA
	Item 00504.5	0.75/Gal	(25,000)	(18,750.00)	IA	IA
	Item 00504.6	199.93/Ton	621.69	124,294.48	621.69	124,294.48
	Item 00504.6A	142.50/Ton	(208.96)	(29,776.80)	IA	IA
	Item 00504.7	35.00/Ton	2,907.80	101,773.00	IA	IA
	Item 00504.8	14.50/Ton	(965.55)	(14,000.48)	IA	IA
	Item 00505	8.00/Cy	1,276.67	10,213.36	IA	IA
	Item 00506	200/Sample	24	4,800.00	IA	IA
	Item 00507	2,000/Well	(4)	(8,000.00)	IA	IA
	Item 00508	4,000/Mo	1.79	7,160.00	IA	IA
	PCO No. 7 - UST Removal	LS	100%	2,265.44	100%	2,265.44
	PCO No. 8 - Seeding	LS	100%	5,562.56	100%	5,562.56
	PCO No. 9 - Fence Installation	LS	100%	7,625.42	100%	7,625.42
Total \$ Revised Contract Price				2,034,096.91	2,034,096.91	

ABBREVIATIONS:

- CO - Change Order
- IA - Included Above
- LS - Lump Sum
- PCO - Proposed Change Order



- LEGEND:**
- GRAVEL/STONE
 - AIR MONITORING STATION

CONSTRUCTION LAYOUT
NYSDEC SCHRECKS SCRAPYARD SITE No. 9-32-099

Figure No. 2-2

Table 2-1
Air Monitoring Schedule
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

Type	Equipment	Location/ Frequency	Reporting		Action
			Verbal	Written	
PCB (Perimeter) and (Background)	NYSDOH Method 311-1 tubes	150-200 feet from EZ 1 up and 3 down wind for 10-12 hours daily	NA	Reported to Engineer within 24- hours of receipt of results. Engineer to report to State	Notify SSO of any high readings immediately
PCB Volatilized (Personal)	NYSDOH Method 311-1 tubes	Two "high risk" workers susceptible to hazard per week	NA	Post Results and report weekly	Notify SSO of any high readings immediately
Total Organic Vapors (Background)	PID	At site perime- ter before work begins/ daily data for use with daily monitoring	Yes, immediately if high readings	Log daily and report weekly	Notify SSO of any high readings immediately
Total Organic Vapors (EZ Perimeter)	PID	In work zones/during intrusive work; 1 up and 3 down wind; hourly - frequency changes based on readings	Yes, immediately if high readings > 5 ppm	Log daily and report weekly	Notify SSO of any high readings immediately

Table 2-1
Air Monitoring Schedule
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

Type	Equipment	Location/ Frequency	Reporting		Action
			Verbal	Written	
Total Organic Vapors (Site Perimeter)	PID	Around perimeter; during intrusive work; 1 up and 3 down wind; 4 times daily	Yes, immediately if high readings > 5 ppm	Log daily and report weekly	Notify SSO of any high readings immediately
Total Dust (Background)	Mini Ram	At site perimeter before work begins/daily; data for use with daily monitoring	Yes, immediately if high readings	Log daily and report weekly	Notify SSO of any high readings immediately
Total Dust (EZ Perimeter) Real Time	Mini Ram	In work zones during intrusive work; 1 up and 1 down wind; hourly - frequency changes based on readings	Yes, immediately if high readings	Log daily and report weekly	Notify SSO of any high readings immediately
Total Dust (Site Perimeter) Real Time	Mini Ram	Around perimeter; during intrusive work; 1 up and 3 down wind; hourly - frequency changes based on readings	Yes, immediately if high readings	Log daily and report weekly	Notify SSO of any high readings immediately

Table 2-2
Air Sampling Schedule
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Location/ Frequency/ Quantity</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results/Action</i>
Asbestos - (Documentation) Preconstruction	Daily 5 in work zone and 5 outside work zone and 2 blanks	Chopra-Lee	Method 7400-PCM	Log daily
Asbestos - (Documentation) During Construction	Daily 1 in work zone 2 outside work zone 1 in clean room 1 in decon area and 2 blanks	Chopra-Lee	Method 7400-PCM	Log daily
Asbestos - (Documentation) Post Construction	Daily 5 in work zone and 5 outside work zone and 2 blanks	Chopra-Lee	Method 7400-PCM	Log daily
Asbestos - (Personal)	Once a week/ 2 persons most likely to be susceptible to hazard	Chopra-Lee	Method 7400-PCM	Post results and report weekly
TOV - Hydrocarbons (Documentations)	During intrusive work at site perimeter 1 up and 3 down wind twice a week	General Testing	NIOSH 1500, 1501 and 1003	Log daily and report weekly/ notify SSO of any high readings immediately
TOV - Hydrocarbons (Personal)	Twice a week/ persons most likely to be susceptible to hazard	General Testing	NIOSH 1500, 1501 and 1003	Post results and report weekly/ notify SSO of any high readings immediately
Total Dust (Documentation)	During intrusive work at site perime- ter/1 up and 3 down wind twice a week	Chopra-Lee	NIOSH 0500	Log daily and report weekly/ notify SSO of any high readings immediately

Table 2-2
Air Sampling Schedule
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Location/ Frequency/ Quantity</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results/Action</i>
Total Dust (Personal)	Twice a week/ persons most likely to be susceptible to hazard	Chopra-Lee	NIOSH 0500	Post results and report weekly/ notify SSO of any high readings immediately
PCB Volatilized (Perimeter) and (Background)	150-200 feet from EZ 1 up and 3 down wind for 10-12 hours daily	General Testing	EPA Method 311-1	Reported to Engineer within 24- hours of receipt of results, Engi- neer to report to State
PCB Volatilized (Personal)	Two "high risk" workers/ persons most likely to be susceptible to hazard	General Testing	EPA Method 311-1	Post results and report weekly/ notify SSO of any high readings immediately
PCB - Concrete	3 per structure 1 foot BG surface	General Testing	EPA Method 91-3	Report within 48-hours
PCB - Soil-Confirmatory	As directed by Engineer	Field - Chopra-Lee and General Testing	Field - Immunoassay EPA Method 91-3	Log daily and report weekly per Engineer direction Lab - 48-hours/Deliverable package within 30 days
PCB and Metals - Soil Characterization	1 per 1,000 cy	General Testing	PCB - EPA Method 91-3 Metals - TCLP SWP 846	Log daily and report weekly
PCB Liquids	1 per different liquids encountered on site	General Testing	As required by disposal facility	Log daily and report weekly

NIOSH Methods 0500, NIOSH Methods 1501, 1500 and 1003, and NYSDOH Method 311-1, respectively. The analytical method for volatilized PCB particulates sampled was modified for Aroclor-only analyses by ISI and approved by the Department in August 1993.

ISI used the services of Chopra-Lee, Inc. Laboratories and General Testing Corporation for its air sampling and monitoring analyses. Total dust, total volatile organics, and asbestos particulate samples were sent to the Chopra-Lee Laboratory while PCB particulate samples were sent to General Testing Corp. for analysis.

Realtime particulate monitoring was measured daily using a MINIRAM aerosol monitor and photoionization detector (PID). Continuous realtime particulate monitoring was conducted for total dust and total volatile organics during intrusive work both at the perimeter of the exclusion zone and also within the work area at each excavation area. Based on the results of the air monitoring program, the site preparation work was completed under Level D personal protection. Level C personal protection was used for all intrusive work, such as excavation, soil handling and disposal of contaminated soil and debris. Equipment and vehicle decontamination operations were also conducted in Level C personal protection. When all the contaminated materials were removed from the site, the site restoration phase of the project was completed in Level D personal protection.

2.2 Survey Control

A topographic survey of the site was performed in July 1993 by Modi Associates a surveying subcontractor hired by CDM. The site was sectioned into 50-foot square grids, using the Conrail railroad track which bounds the east side of the site as a baseline. Control stakes were set at grid points to help control and identify the work areas. Control of elevations was maintained using established temporary benchmarks at existing fire hydrants along Schenck Street. Preconstruction elevations were measured and recorded at each grid point. These established elevations were used to measure excavation depths. Using control stakes with the assistance of ISI personnel, CDM performed vertical and horizontal surveys daily to check the depth of the excavated areas and to locate sampling points. A preconstruction topographic survey has been presented in Appendix M.

2.3 Site Preparation

Site preparation and mobilization began on July 14, 1993. Field offices and a decontamination trailer were set up, temporary utilities connected, the meteorological station installed and the project sign was set up. Temporary fencing was erected around the work and office areas. A five foot high orange storm fence was used to delineate work zones, exclusion zones (EZ) and contamination reduction zones (CRZ), in accordance with the site specific Health and Safety Plan. The support zone contained the decon trailer, boot wash and rack station, portable lavatory and outer protective clothing removal station. A 24-hour per day guard station and security post was established within the Contractor's trailer. The guard's primary duty was to limit site access to authorized personnel and maintain a log of all persons and vehicles entering and leaving the site. Preparations for soil removal began with the removal of approximately 385 tons of non-buried debris from the site. The non-buried debris scattered throughout the site hindered removal of contaminated soils from within contract limits. The non-buried debris was

an unforeseen condition because the occupant of the site had represented to the Department that all non-burial debris would be removed prior to the start of remediation work. Since the presence of the non-buried debris was an unforeseen condition, it was removed by ISI as an extra work item. This work was performed in Level D personal protection equipment.

The next step was the construction of the decontamination (decon) pad following excavation of contaminated soil two feet deep from a 40 foot by 60 foot area at the north section of the site. This excavated material was stockpiled on 10-mil polyethylene adjacent to the excavation and covered with 10-mil polyethylene. The decon pad was constructed of six-inch thick reinforced concrete slab ongrade sloped to drain into a 4 foot deep and 2 foot by 2 foot precast concrete catch basin. The pad was installed over a 20-mil thick polyethylene liner on top of 6 inches of sand and gravel and with a non-shrink epoxy applied to the surface. Six foot high fiberglass walls were installed along both sides of the decon pad. All vehicles and equipment entering the site and coming in contact with contaminated material prior to leaving the site were decontaminated at the decon pad. Due to the limited space at the site, access roads were constructed during the course of the excavation work. Central, North and South access roads, shown in Figure 2-2, were used to maneuver disposal trucks around the site. All access roads terminated at the decon pad.

Above ground storage tanks were used to hold contaminated liquid waste resulting from decontamination operations. The tanks were placed into a secondary containment area constructed in accordance with contract requirements to hold 100% of the tanks capacity. After the demolition of the office building, the secondary containment area was moved to within the footprint of the office building.

The Frontier Fibers weigh station located at Mechanics Street was accepted by the Department as the truck scale for the project. The scales were calibrated and certified monthly by Buffalo Scales Corporation. Since all payments for soil excavation and disposal were based on measurements made at the truck scale, it was determined that the times for trucks entering the site and leaving the site, and weight-in (empty) and weight-out (full) at the scale would be recorded and closely monitored. Any large discrepancies in the recorded times between leaving the site and weighing out full could have been cause for withholding of payment.

2.4 Building Demolition

Prior to beginning building demolition, the Contractor conducted a survey, in September 1993, which identified non-friable asbestos present in the office building. Asbestos abatement at the office building began on September 23, 1993 as an extra work item. This work activity was performed under Level C personal protective equipment in conjunction with continuous air monitoring. The abatement work was performed by ARRIC Corporation. The asbestos containing material ACM was disposed of by CID Trucking at the CID landfill. Post-abatement clearance air monitoring was performed by Chopra-Lee, Inc. on September 25, 1993. Results of the pre- and post-abatement samples are presented under Appendix F.

Once the asbestos was removed from the office building, the demolition and removal of PCB contaminated materials from the garage and office building began. ISI collected chip samples of the office building walls which were analyzed and found to be non-contaminated. The non-

contaminated roof and wall material was removed from the garage and office and disposed of as construction debris by CID Trucking at CID Landfill. Demolition and removal of contaminated flooring from the garage and office was completed. This material was stockpiled for later disposal during soil excavation and disposal activities. The footings and foundations at the garage remained onsite. Three chip samples from the footings were analyzed by EPA Method 91-3 for PCBs and found to be non-contaminated.

2.5 Underground Storage Tank Removals

Foot Remedial Report states that they were backfilled.

Three underground storage tanks (USTs) were discovered and removed from the site. (See Figure 2-3) Upon inspection, it was observed that all three tanks were badly deteriorated and no identification labels could be found. The soil beneath the tanks appeared to be saturated with fuel oil. The NYSDEC Region 9 Spill Control Engineers, Messrs. Bob Leary and Sal Calandra, were notified and, as directed, the soil beneath the USTs was excavated. The oily substance appeared to flow into the groundwater at a depth of ten feet below grade. The Department directed the Contractor to stop excavation at the ten foot depth and backfill with clean soil. Soil samples were taken at the 10 foot depth at all three excavation locations and were analyzed by EPA Methods 8021 and 8270. The Department explained that further remediation of the fuel oils remaining onsite would not be completed under the current contract.

Not Used

Decontamination certificates for the USTs and soil sample analysis results can be found in Appendices E and G, respectively. The soils removed from the UST areas were disposed of during the month of January at Lakeview Landfill in Erie, Pennsylvania as non-hazardous contaminated soils. The transporter was US Bulk Transport out of Erie, Pennsylvania. It was not possible or practical to separate the UST excavation soils from the rest of the soils to be taken off-site in order to produce separate disposal certificates, without additional cost to the Department.

2.6 Test Trench Explorations

Test trench excavation activities began on September 1, 1993 and were completed by September 20, 1993. The purpose of these excavation trenches was to attempt to locate any drums which might be buried at the site. The Contractor performed the intrusive work in Level C personal protective equipment, and air monitoring and sampling were performed in accordance with the site specific Health and Safety Plan. Seven individual trenches were excavated, yielding a total of six hundred and seven (607) linear feet at ten feet deep by approximately three feet wide. The limits of excavation and location of the trenches were identified by CDM on September 1, 1993 at the Department's direction (See Figure 2-4). During test trench excavation activities, it was observed that the soils could be generally characterized as follows: 0 to 4 feet depth - soil and debris; 4 to 8 feet depth - light brown clay; and 8 to 10 feet depth - gravel and water.

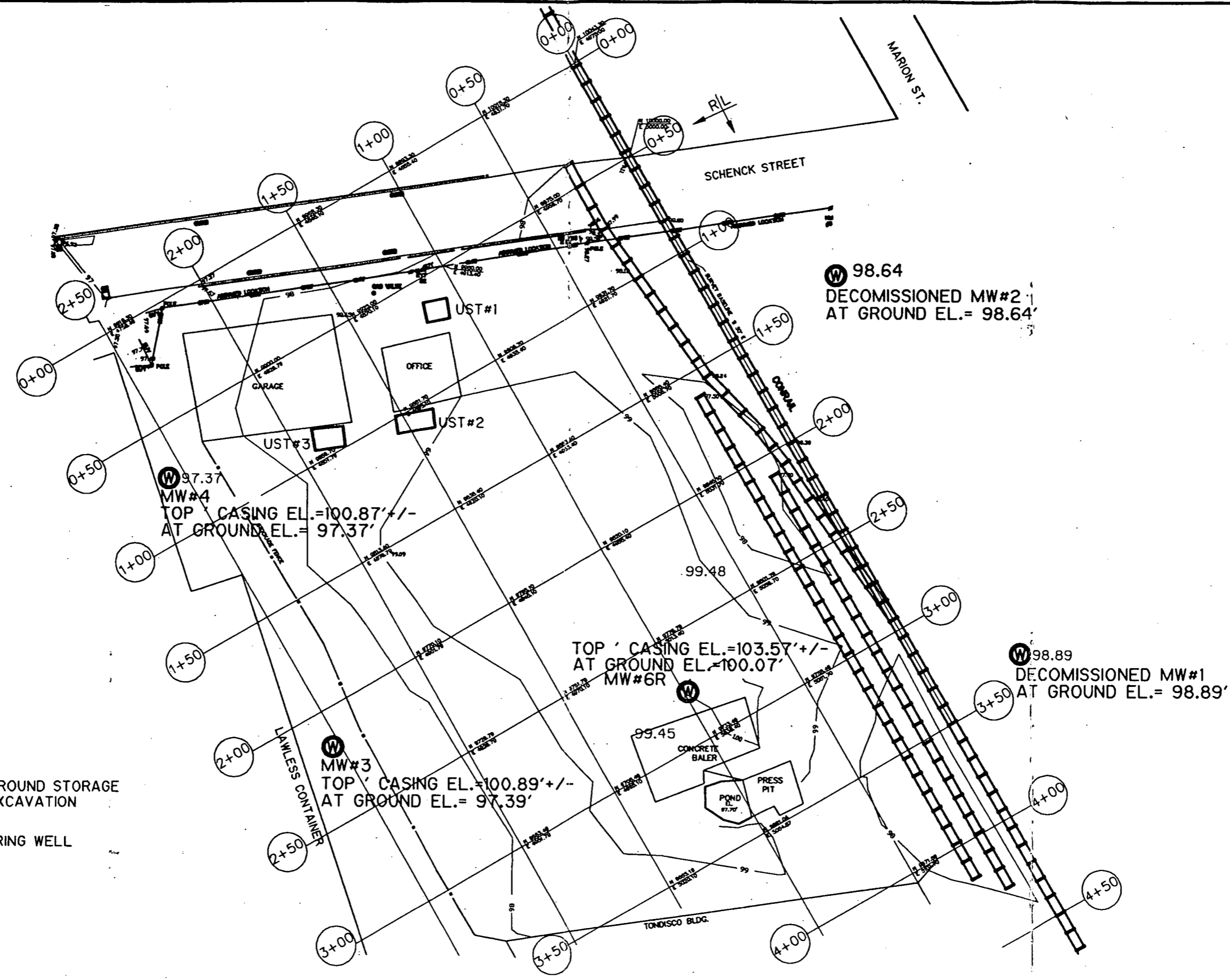
An oily dark brown substance, later identified as fuel oil, was discovered at a depth of ten feet in Test Trench Nos. 1,2,3,4,5 and 7. At the Department's direction, the oil saturated soils were sampled at Test Trench Nos. 3 and 7 and analyzed by EPA Methods 8240 and 8270, respectively. It should be noted that the watertable was also located at the ten foot depth throughout the site. The Department's intent was to determine the source of the oily substance and then make a decision regarding how to further remediate the area.

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FIG 2-3

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LEGEND:

□ UST#3 UNDERGROUND STORAGE TANK EXCAVATION

⊙ MW#3 MONITORING WELL

⊙ 98.64
DECOMMISSIONED MW#2
AT GROUND EL.= 98.64'

⊙ 97.37
MW#4
TOP CASING EL.=100.87' +/-
AT GROUND EL.= 97.37'

TOP CASING EL.=103.57' +/-
AT GROUND EL.=100.07'
MW#6R

⊙ 98.89
DECOMMISSIONED MW#1
AT GROUND EL.= 98.89'

⊙ MW#3
TOP CASING EL.=100.89' +/-
AT GROUND EL.= 97.39'

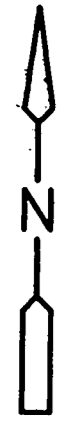
UNDERGROUND STORAGE TANK
EXCAVATION AND GROUNDWATER MONITORING WELL LOCATIONS
NYSDEC SCHRECKS SCRAPYARD SITE No. 9-32-099

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FIG2-4

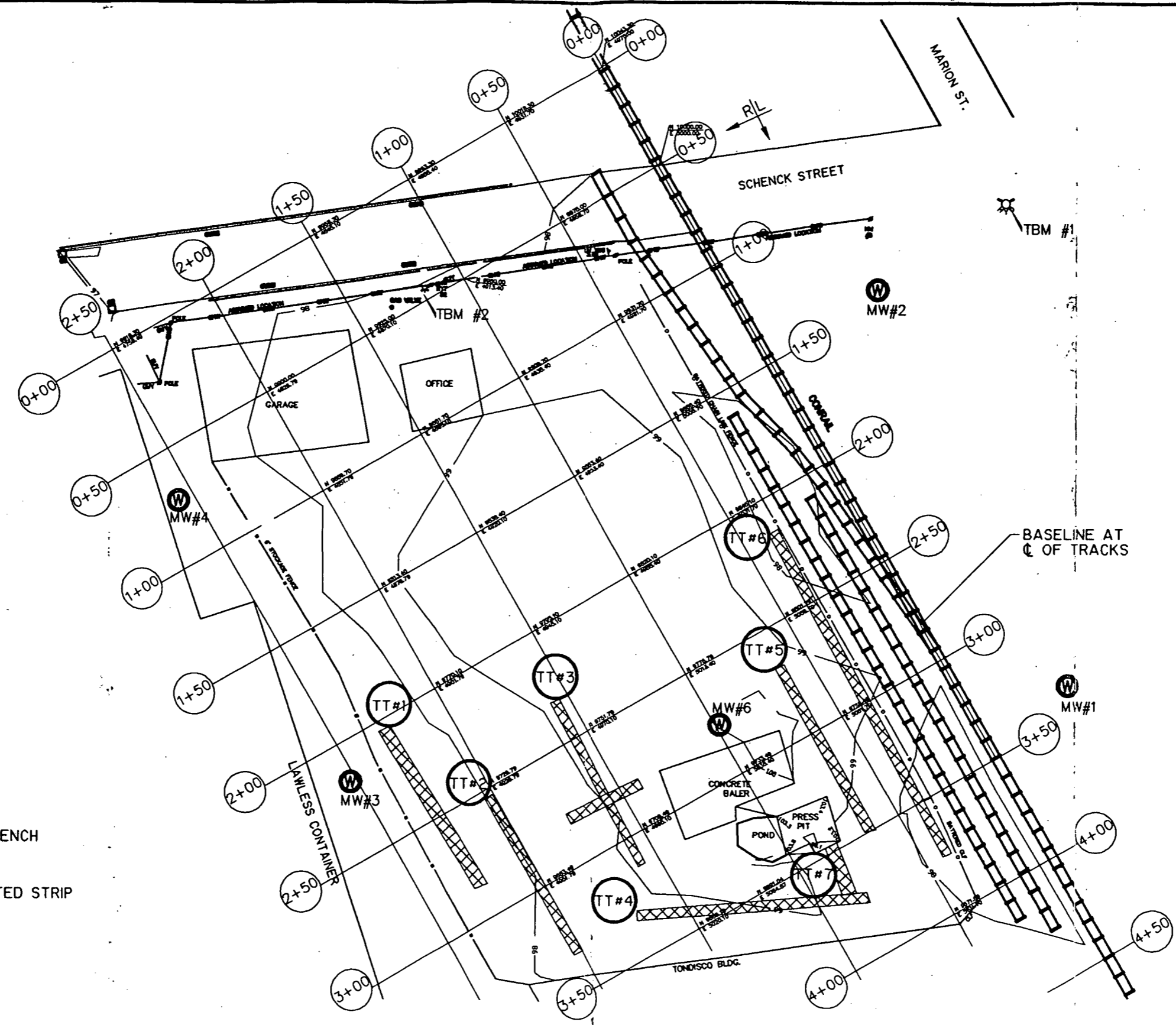
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LEGEND:

TT#3 TEST TRENCH

EXCAVATED STRIP



TEST TRENCH LOCATIONS
NYSDEC SCHRECKS SCRAPYARD SITE No. 9-32-099

Figure No. 2-4

In addition to the dark brown oily substance discovered at the 10 foot depth, a petrified asphaltic "slag" material 4 feet thick was discovered along part of Test Trench No. 5 approximately six-inches below grade. The Department suspected that this material had similar characteristics with materials found at other NYSDEC sites, commonly called "OCC-Durez waste". A list of common parameters found in Durez waste was forwarded to the testing lab with instructions to analyze the material for specific parameters. This material was sampled and analyzed by EPA methods 8260 and 8270, respectively. Based on the analytical results, the Department determined that the material was not Durez waste.

The additional sampling and analyses performed at the Test Trench Nos. 3, 5 and 7 were not within the scope of the original contract and had to be performed as extra work items. Proposed Change Order No. 3 identified the scope, schedule and budget for this work. The analytical results for soil samples taken at Test Trench Nos. 3, 5 and 7 are presented in Appendix G.

On September 14, 1993, the Department directed the Contractor to backfill the trenches with the insitu material. Soil piles were carefully separated to minimize cross-contamination of soils used for backfill.

During general excavation activities, three perforated and leaking underground fuel storage tanks were discovered at the site (discussed in Section 2.5). It appeared that the perforated storage tanks may have been the source of the fuel oil which permeated the soil stratum. The Department determined that further remediation of the fuel oil soaked soils which has been discovered consistently throughout the site at the 10 foot depth would not be performed under the current contract. The Department's determination is based on 1) excavation and removal of soil at such depths is not feasible, 2) the waste does not constitute a hazardous waste, 3) the oily layer is below the 10 ppm cleanup level for PCBs, 4) potential sources have been removed and the levels should attenuate naturally and 5) a groundwater monitoring program is being implemented to monitor the site.

2.7 Monitoring Well Decommissioning And Replacements

Originally, six existing monitoring wells (MW) were specified to be decommissioned. However due to the evidence of fuel oil throughout the site and at the watertable, (discussed under Sections 2.5 and 2.6), the Department decided to decommission only MW Nos. 1 and 2. MW Nos. 1 and 2 were located at the vacant lot known as 75 Schenck Street. The remaining wells would be used to continue monitoring the concentration and migration of fuel oils at the watertable. The well decommissioning was performed by Buffalo Drilling Company on December 27 and 28, 1993.

During excavation activities, ISI damaged MW Nos. 5 and 6. These wells had to be replaced after the winter shutdown period. MW Nos. 5 and 6 were replaced and developed by Buffalo Drilling Company in July 1994. Well drilling logs for MW Nos. 5R and 6R have been included in Appendix J.

2.8 Soil and Debris Removal and Disposal

Prior to removal of contaminated soils from the site, composite samples were collected throughout the site to help identify the predominant level of PCB concentration within the

design areas. The composite samples were taken to the design depths. In addition, the stockpiled soils excavated from the decon area were sampled. Based on the analytical results of this pre-excavation sampling, the soil within the design areas was characterized as either hazardous, RCRA-hazardous or non-hazardous. Soils with PCB concentrations below 50 parts per million (ppm) were identified as non-hazardous while those with PCB concentration above 50 ppm were identified as hazardous. In addition, soils which failed the Toxicity Characteristic Leaching Procedure (TCLP) for metals and had PCB concentrations less than or equal to 50 ppm were identified as RCRA-hazardous. Confirmatory samples were taken to confirm removal of PCB contaminated soil to below 10 ppm. 10 ppm was established as the action limit for the site in the contract documents. Confirmatory sampling results are further discussed in Section 3.

In the areas where soils at the design depth were identified as still contaminated, the soil was excavated an additional foot and re-sampled. This practice continued until each area was confirmed as non-contaminated and the PCB concentration was identified to be below the action level. These additional excavated soils were stockpiled and later sampled for soil characterization and disposal purposes.

Soil excavation, staging and removal activities were performed in Level C personal protective equipment. Soil excavation began along the eastern portion of the site and continued in a clockwise fashion. Soil was removed by both dump trucks and trailers. The trucks entered the site by the north, south and central access roads, after weighing in empty at the Frontier Fibers Truck Scale. After being loaded with properly characterized soils, the trucks proceeded along the access roads onto the decontamination pad where the wheels and undercarriage were pressure washed to remove all traces of contaminated soils. A certificate of decontamination was completed for each vehicle leaving the exclusion zone. The trucks proceeded to the Frontier Fibers Truck Scale to measure the loaded weight and complete the manifest documentation. A street sweeper was employed to clean and sweep the local streets.

A total of 16328.40 tons of contaminated soil and debris was removed from the site. 5529.56 tons of hazardous and 91.04 tons of RCRA-hazardous soil and debris were removed by a number of transporters including: Chemical Waste Management, Franks Vacuum Service, Buffalo Fuel Corporation, Hazardous Materials Corporation and Price Trucking. These soils were disposed of at Chemical Waste Management Landfill in Model City, New York. 10707.81 tons of non-hazardous soil and debris was removed by Pariso, Roher Trucking, Page ETC, U.S. Bulk Transport, and Buffalo Fuel Corporation and disposed of at High Acres Landfill in Ohio and Lakeview Landfill in Erie, PA. Manifests for each load were verified and signed by CDM personnel on behalf of the NYSDEC. Lists of manifest numbers, dates shipped, final destinations and weights are presented in Appendices A, B and C, for hazardous, RCRA hazardous and non-hazardous soils, respectively. Figure 3-3 shows the resultant actual depths of excavation prior to backfill and compaction operations.

Completion of excavation occurred by January 24, 1994. Backfill activities were suspended during the winter shutdown from February 23, 1994 until June, 1994. Fill materials were stockpiled onsite and final grading operations were continued after the winter shut-down period and completed by August 1994. All excavated areas were backfilled and compacted with clean, imported material to be followed by seeding and mulching. CDM provided resident inspection

service upto substantial completion on February 23, 1994. The Department provided site inspection services for all work performed after the winter shutdown period.

2.9 Disposal Of Liquids

The liquids in the existing concrete press pit and bailer pond were sampled and found to contain low levels of PCB concentration and were identified as non-hazardous liquids (see Appendix I). Approximately 29,186 gallons of non-hazardous liquid were removed by Franks Vacuum Service and disposed of at CECOS disposal facility in Niagara Falls, New York. Liquid from decontamination operations was pumped to above ground storage tanks from the central sump and catch basin at the decontamination pad. A list of dates shipped, final destination and weights for the non-hazardous surface water (decon water excluded) is provided in Appendix K.

2.10 Conrail Area

A three hundred and twenty by fifty foot strip of land on Conrail property adjacent to the eastern border of the scrapyard was designated to be remediated. Excavation on the Conrail property ranged to 2 feet maximum depth. Remediation in this area began on October 7, 1993. The area was backfilled, compacted and turned over to Conrail by November 8, 1993. Approximately 685 cubic yards of non-hazardous soil was removed from this area and replaced with non-contaminated fill from an approved source.

2.11 Road Decontamination

ISI made attempts to begin road decontamination after soil excavation activities were completed in January 1994, but the winter weather conditions prohibited completion of the work. After the winter shutdown period, two hundred and twenty (220) linear feet of roadway along Schenck Street was pressure washed and sediments were collected for proper disposal in July 1994.

2.12 Demobilization and Restoration

After completion of soil excavation and partial completion of the backfill activities, the Department agreed to allow ISI to demobilize for a winter shutdown period. The winter shutdown began as soon as the work was certified as substantially complete on February 23, 1994. At this time, the decon pad, decon and office trailers, and temporary utilities were removed. Health and safety, and twenty-four hour security services were terminated. The site was left partially backfilled. Above ground storage tanks partially filled with frozen sludge remained onsite to be removed when the sludge thawed in the Spring.

The shutdown ended on June 1, 1994. Upon resumption of the work during the completion phase, areas of excavation were backfilled and compacted to finish grade and then were graded and seeded. Perimeter fences were installed along Schenck Street and the railroad boundary. Two replacement monitoring wells were installed to replace wells MW-5R and MW-6R which were damaged by the Contractor during excavation activities. These wells are located as shown on Figure 2-3 and drilling logs are included under Appendix J. The wells were developed and installed by Buffalo Drilling Company. Repairs were also performed on the press pit roofing system. The Department provided all site inspection services during the completion phase. A

post-construction survey was performed by CDM on July 12, 1994. A copy which can be found in Appendix M. Final completion and restoration was realized on August 18, 1994.

[docs\nysdec\schrecks\sec2]

Section 3

Analytical Results

The site specific Quality Assurance and Quality Control (QA/QC) and Field Sampling Plans dated June, 1993, prepared by ISI and approved by NYSDEC were implemented. The plans identified the different types of samples to be collected, and established requirements for sample preservation, QA/QC sampling parameters, chain of custody records, decontamination requirements, recordkeeping, laboratory analyses and shipment procedures.

Chopra-Lee Inc., ISI's laboratory subconsultant, collected field samples. General Testing Corporation, and Chopra-Lee Inc. conducted analytical testing. Analytical results for PCB confirmatory soil samples were provided within 48 hours, as specified.

3.1 Soil Sampling

Five types of soil sampling were conducted: exploratory, site characterization, waste characterization, confirmatory and UST excavation sampling. Each composite characterization sample represented at least 1000 cubic yards of soil to be excavated. One matrix spike/duplicate (MS/MSD) set per 20 samples was collected within seven days. One matrix spike blank was analyzed for every MS/MSD set. In addition, field duplicate samples were collected and analyzed at a rate of one per 10 samples. At a minimum, samples were tested for PCB's by USEPA Method 91-3 and Toxicity Characteristic Learning Procedure (TCLP) for Metals. In addition, samples collected from the UST excavations were tested for VOA's and BNA's in accordance with the NYSDEC STARS Memo as directed by the NYSDEC Division of Spill Control. All samples were considered environmental samples and required strict adherence to QA/QC requirements.

3.1.1 Exploratory Sampling - Test Trenches

Test Trenches were located and excavated prior to full-scale soil excavation and removal activities. Test trenching was performed to determine the possible presence of buried drums and related soil contamination. Exploratory soil samples were collected from the Test Trenches. The location of samples collected from the six hundred and seven linear feet of ten foot deep by five foot wide trenches were based on visible sightings of deleterious materials.

As discussed under Section 2.6, the oil saturated soils at the ten-foot depth of Test Trench Nos. 3, and 7 and the hard packed material in Test Trench No. 5 were sampled and analyzed by USEPA Methods 8240 and 8270 for BNA's and VOA's, respectively. The location of the Test Trenches and exploratory samples collection points are presented in Figure 2-4. Results of the exploratory samples are included in Appendix G.

3.1.2 Site and Waste Characterization Sampling

Approximate excavation areas and depths and levels of PCB concentration were provided by the NYSDEC in the Contract Documents, as shown on Figure 1-2. This information was provided to give the Contractor a guide for determining the minimal extent of remediation required. In order to establish the current levels of PCB contamination in these areas, ISI collected nine composite samples within the NYSDEC design excavation boundaries. The composite samples

were compiled by combining several grab samples from top, mid and bottom design depths within each design area. These samples were analyzed for PCBs and TCLP metals. The results of these composite site characterization samples are tabulated in Appendix G.

As confirmatory sample results began to indicate that the excavation in certain design areas had to be extended deeper in order to fully remediate the site, additional composite samples were collected. In addition to being tested for PCB and TCLP metals concentration, the composite samples, were also analyzed for additional parameters as required by the disposal facilities. Results of waste characterization sampling are presented under Appendix G.

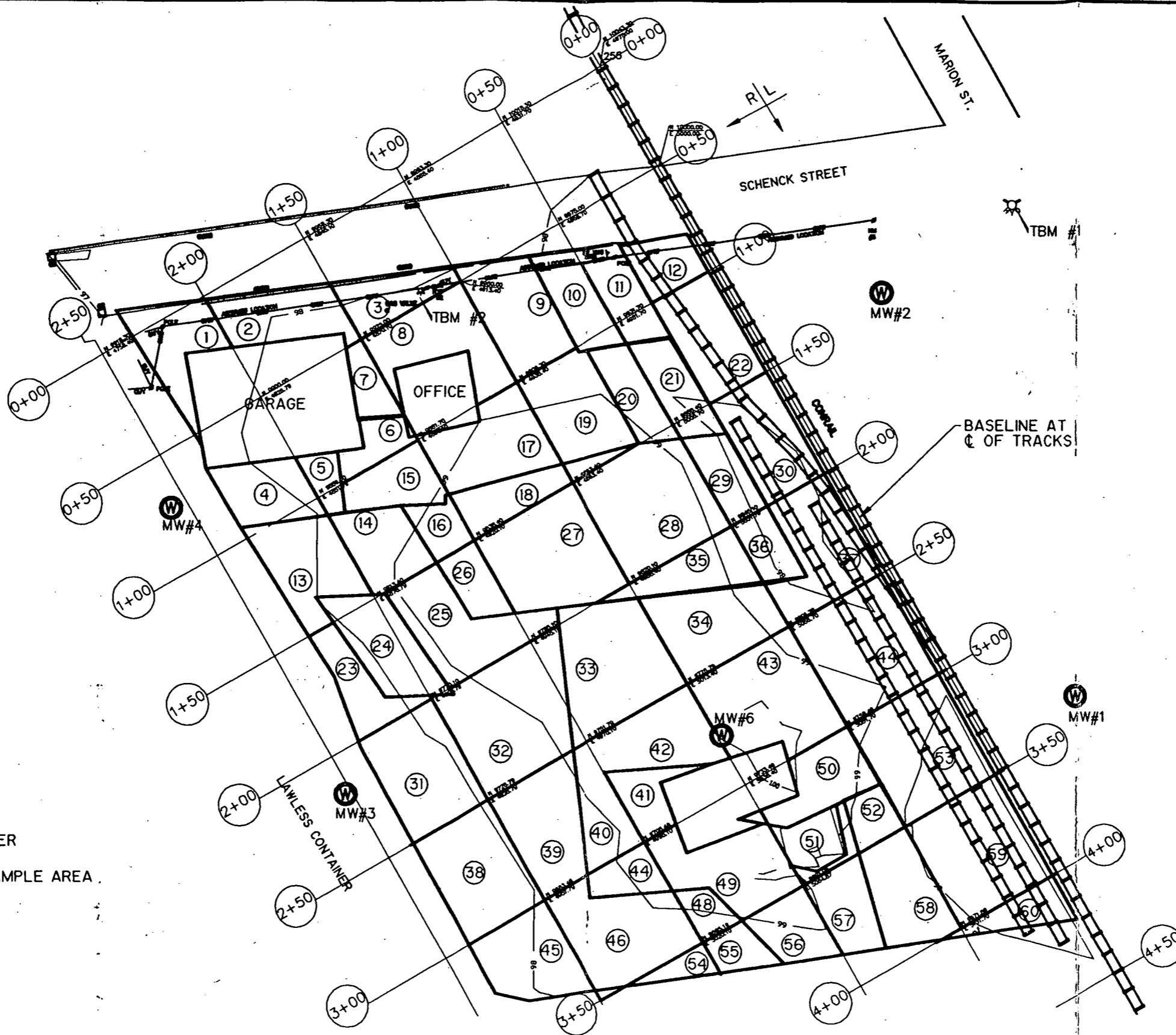
3.1.3 Confirmatory and Verification Sampling

When the soil in an area was excavated to the bottom of its design depth, a confirmatory sample was collected and analyzed to determine if the area had been remediated adequately and whether additional excavation was necessary to complete remediation of the area. The confirmatory samples were collected approximately in the center of each sample area. A total of sixty sample areas were created. The sample area limits were derived from the partitioning of the 50 foot grid system based on estimated excavation depths and levels of contamination (see Figure 3-1). In areas where the PCB concentration was determined to be still above 10 ppm (the action limit for the site), soil was excavated down an additional foot and another confirmatory sample collected and analyzed. This practice was continued until the area was "confirmed" to be below the action limit. Once an area was confirmed to be below the PCB action limit, it was prepared to be backfilled with approval materials. The additional contaminated soils were then stockpiled for later composite waste characterization sampling for disposal purposes as discussed in the previous Subsection.

PCB analysis was performed using both laboratory and field methods. The confirmatory soil samples were analyzed in the field. The field enzyme immunoassay results were calibrated to provide a positive result for PCB concentration greater than 10 ppm. In addition, ten percent of the total number of confirmatory samples collected was also analyzed in a laboratory by EPA Method 91-3. These verification samples were collected and analyzed in order to verify the accuracy of the field analyses.

The areas and depths selected for the verification sampling were chosen randomly. The Department approved the Contractor's modification of EPA Method 91-3 for Aroclor-only analysis in August 1993. A maximum 48-hour turnaround time was required on all verification samples sent to the laboratory. Figure 3-2 indicates confirmatory and verification sample numbers, locations and depths. A total of 144 field confirmatory samples and 15 verification samples were collected and analyzed. Results of all confirmatory and verification sample analyses are included in Appendix G. Results for confirmatory sample analyses taken at the final excavation depths is shown in Table 3-0. Sample identification numbers and depths from Figure 3-2 can be cross-referenced with Table 3-0 and Table G-3 in order to retrieve specific sample information; such as sampling date, laboratory, chain-of-custody numbers and PCB concentrations.

Figure 3-3 displays the actual excavated depths after remediation and prior to backfilling.



LEGEND:

- ③③ AREA NUMBER
- LIMIT OF SAMPLE AREA

SOIL SAMPLE AREAS
NYSDEC SCHRECKS SCRAPYARD SITE No. 9-32-099

Figure No. 3-1

Robert Gencarelli

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FIG3-1

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Table 3-0
PCB Soil Confirmatory Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Identification Number (1)</i>	<i>Location (2)</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Chain Of Custody Number</i>	<i>PCB Concentration (ppm)</i>
2. (0+50, 125.5R), 2D	3/DTR	08/25/93	Field	NA	< 10
4. (0+88.5, 95R), 1D	9/DP	08/27/93	Field	NA	< 10
5. (0+87.5, 110R), 2D	8/DP	08/30/93	Field	NA	< 10
6. (1+19.5, 83.5R), 1D	9/DP	08/30/93	Field	NA	< 10
7. (1+19.5, 113.5R), 1D	7/DP	08/30/93	Field	NA	< 10
9. (3+05, 160R), 10D	TT-3	09/03/93	GTC	003	< 10
13. Office Foot Print	OFFFDN	09/17/93	Field	NA	< 10
14. (0+75, 15R), 1D	12/RR	10/07/93	Field	NA	< 10
15. (0+94, 15R), 1D	22/RR	10/08/93	Field	NA	< 10
17. (1+64, 15R), 2D	30/RR	10/11/93	Field	NA	< 10
18. (2+17, 15R), 1D	37/RR	10/12/93	Field	NA	< 10
19. (2+67.5, 19R), 1D	44/RR	10/12/93	Field	NA	< 10
20. (3+20, 20R), 1D	53/RR	10/14/93	Field	NA	< 10
22. (3+71, 35.5R), 1D	59/RR	10/15/93	Field	NA	< 10
23. (4+08.5, 21.5R), 1D	60/RR	10/15/93	Field	NA	< 10
25. (0+75, 156R), 2D	7/NAR	10/19/93	Field	NA	< 10
29. (3+45.5, 62R), 2D	52/RR	10/21/93	Field	NA	< 10
30. (3+60.5, 62R), 12D	58/RR	10/21/93	Field	NA	< 10
34. (3+47, 83.5R), 4D	51/A2	10/25/93	Field	NA	< 10
35. (3+80, 83.5R), 4D	57/A2	10/25/93	Field	NA	< 10
36. (3+20, 62R), 6D	50/A2	10/25/93	Field	NA	< 10
37. (3+20, 90R), 6D	50A/A2	10/26/93	Field	NA	< 10
38. (3+40, 110R), 6D	49A/A2	10/26/93	Field	NA	< 10
40. (3+75, 125R), 3D	56,55/A2	10/26/93	Field	NA	< 10
43. (3+25, 125R), 4D	49,48/A2	10/27/93	Field	NA	< 10
44. (3+45, 163.5R), 4D	46,47/A2	10/27/93	Field	NA	< 10
46. (3+55, 155R), 4D	54/A2	10/28/93	Field	NA	< 10
47. (3+05, 230R), 1D	45/A5	10/28/93	Field	NA	< 10
49. (3+10, 196R), 2D	46A/A5	11/01/93	Field	NA	< 10
51. (2+90, 140R), 3D	41/A2	11/04/93	Field	NA	< 10
57. (2+90, 165R), 8D	40/A2	11/05/93	Field	NA	< 10
59. (0+26.5, 169.1R), 2D	2/A9	11/10/93	Field	NA	< 10
61. (2+70, 60R), 6D	43/A3,4	11/11/93	Field	NA	< 10
62. (2+20, 45R), 4D	36/A7	11/18/93	Field	NA	< 10
63. (2+70, 110R), 6D	42/A3,4	12/01/93	Field	NA	< 10
64. (2+33, 85R), 6D	34/A3,4	12/01/93	Field	NA	< 10
65. (2+45, 122.5R), 6D	33/A3,4	12/03/93	Field	NA	< 10
66. (1+88, 48R), 4D	29/A7	12/03/93	Field	NA	< 10
75. (0+80, 60R), 4D	10/A7	12/07/93	Field	NA	< 10
76. (0+85, 40R), 4D	11/A7	12/07/93	Field	NA	< 10
77. (1+90, 67.5R), 4D	28/A7	12/07/93	Field	NA	< 10
78. (2+20, 45R), 5D	35/A7	12/09/93	Field	NA	< 10
79. (1+15, 60R), 4D	10A/A7	12/09/93	Field	NA	< 10
80. (1+15, 40R), 4D	11A/A7	12/09/93	Field	NA	< 10
83. (1+35, 65R), 5D	20/A7	12/10/93	Field	NA	< 10
84. (1+35, 45R), 5D	21/A7	12/10/93	Field	NA	< 10
85. (2+80, 160R), 2D	39/A5	12/13/93	Field	NA	< 10
88. (2+10, 220R), 4D	31/A5	12/13/93	Field	NA	< 10

Table 3-0
PCB Soil Confirmatory Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

Sample Identification Number (1)	Location (2)	Date Sampled	Laboratory	Chain Of Custody Number	PCB Concentration (ppm)
89. (1+60, 65R), 5D	20A/A7	12/10/93	Field	NA	< 10
90. (1+60, 45R), 5D	21A/A7	12/10/93	Field	NA	< 10
91. (2+73, 190R), 25D	39/A5	12/15/93	Field	NA	< 10
93. (2+03, 209R), 15D	24/A5	12/15/93	Field	NA	< 10
97. (2+45, 155R), 6D	33A/A3,4	12/16/93	Field	NA	< 10
98. (2+58, 155R), 6D	42A/A3,4	12/16/93	Field	NA	< 10
99. (0+10, 225R), 1D	1/A9	12/09/93	Field	NA	< 10
102. (0+85, 225R), 3D	4/A9	12/17/93	Field	NA	< 10
104. (1+85, 125R), 4D	27/A7	12/17/93	Field	NA	< 10
105. (2+05, 105R), 4D	27B/A7	12/17/93	Field	NA	< 10
110. (1+40, 85R), 4D	19/A8	12/20/93	Field	NA	< 10
111. Beneath Concrete Sump, 5D	6/A9	12/20/93	Field	NA	< 10
114. (1+30, 110R), 3D	17/A8	12/20/93	Field	NA	< 10
115. (2+63, 210R), 3D	38/A5	12/20/93	Field	NA	< 10
117. (1+25, 180R), 1D	14/A5	12/21/93	Field	NA	< 10
120. (1+75, 225R), 2D	23/A5	12/21/93	Field	NA	< 10
122. (1+00, 195R), 3D	5/A9	12/20/93	Field	NA	< 10
124. (1+15, 275R), 9D	15/A9	12/22/93	Field	NA	< 10
126. (1+75, 205R), 3D	24/A5	12/22/93	Field	NA	< 10
129. (1+60, 180R), 3D	25/A5	12/22/93	Field	NA	< 10
130. (1+20, 225R), 4D	13/A5	12/22/93	Field	NA	< 10
131. (0+65, 175R), 2D	GAR	12/22/93	Field	NA	< 10
134. (2+20, 160R), 3D	32/A5	12/28/93	Field	NA	< 10
135. (2+30, 220R), 3D	31/A5	12/28/93	Field	NA	< 10
138. (1+65, 160R), 4D	26/A6	12/31/93	Field	NA	< 10
140. (1+60, 145R), 5D	27A/A6	01/04/94	Field	NA	< 10
143. (1+35, 140R), 6D	18A/A6	01/05/94	Field	NA	< 10
144. (1+35, 160R), 6D	16/A6	01/05/94	Field	NA	< 10
145. (3+20, 210R), SF	SAR1	01/26/94	Field	NA	< 10
146. (3+20, 170R), SF	SAR2	01/26/94	Field	NA	< 10
147. (1+40, 110R), SF	CAR1	01/26/94	Field	NA	< 10
148. (1+80, 120R), SF	CAR2	01/26/94	Field	NA	< 10
149. (2+30, 140R), SF	CAR3	01/26/94	Field	NA	< 10
150. (2+80, 150R), SF	CAR4	01/26/94	Field	NA	< 10
152. (0+60, 150R), SF	NAR1	01/26/94	Field	NA	< 10
153. (0+90, 180R), 1D	SCA	01/27/94	Field	NA	< 10
155. (1+80, 120R), SF	CAR2	02/07/94	Field	NA	< 10
156. (2+30, 140R), SF	CAR3	02/07/94	Field	NA	< 10

ABBREVIATIONS:

A#	- Contractor Designated Area	NAR	- North Access Road
CAR	- Central Access Road	OFFDN	- Office Foot Print
D	- Depth (Feet)	SAR	- South Access Road
DP	- Decon Pad	SCA	- Secondary Containment Area
DP Sump	- Decon Pad Sump Area	R	- Right (Feet)
DTR	- Decon Trailer Area	RR	- Railroad Area
GAR	- Garage Foot Print	SF	- Ground Surface
GTC	- General Testing Corporation	TT	- Test Trench Area
NA	- Not Applicable		

NOTE:

(1) - Sample identification number consists of: Sample number, location (coordinate in stations and linear feet right of baseline) and depth in linear feet, unless otherwise noted.

(2) - Location consists of: Sample section and area.



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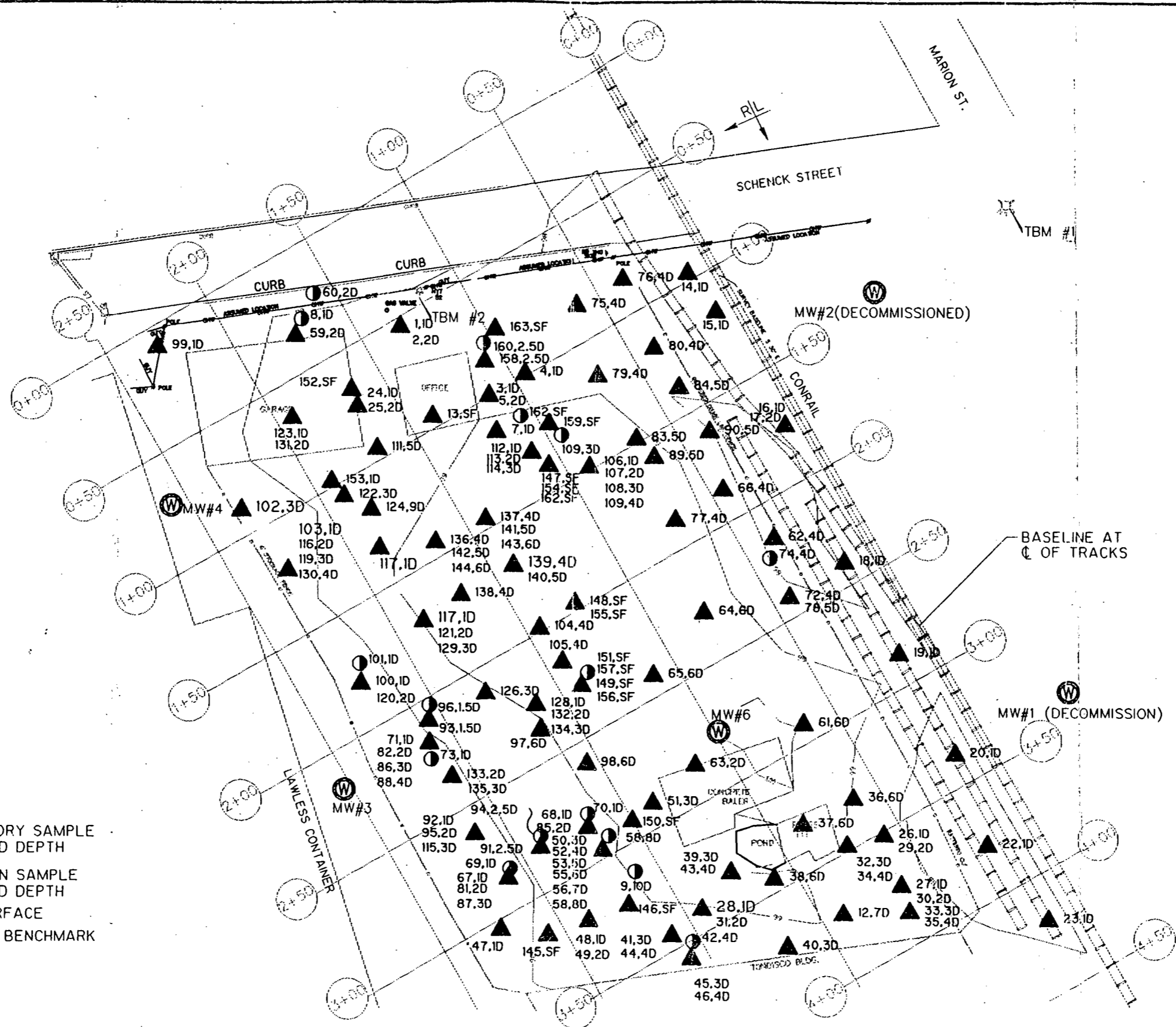
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FIG-2

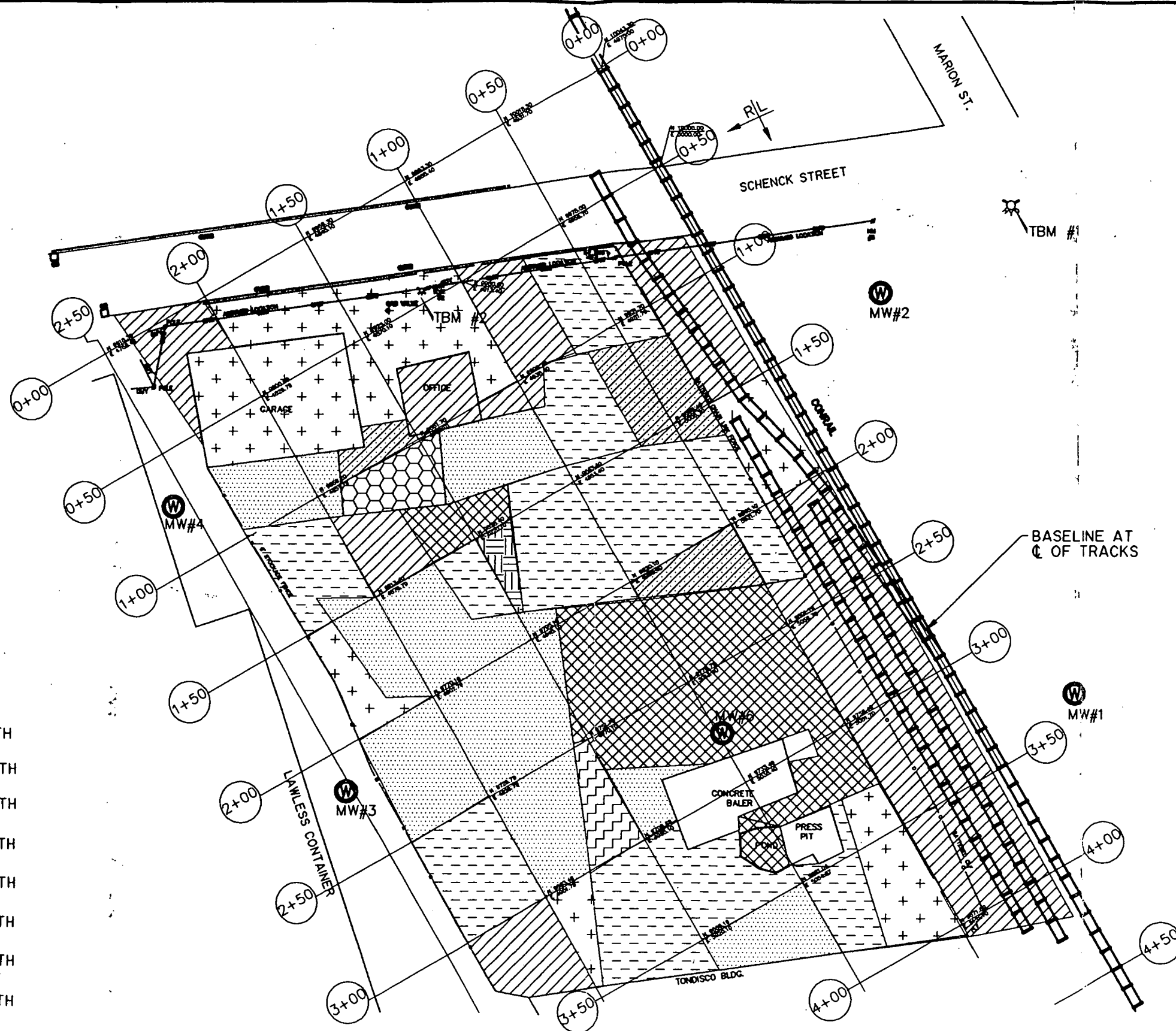
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- LEGEND:**
- ▲ 1.ID CONFIRMATORY SAMPLE NUMBER AND DEPTH
 - 8.ID VERIFICATION SAMPLE NUMBER AND DEPTH
 - SF GROUND SURFACE
 - TBM TEMPORARY BENCHMARK












Confirmatory Sample Locations
 NYSDEC Schrecks Scrapyard Site No. 9-32-099

Figure No. 3-2



LEGEND:

-  1FT DEPTH
-  2FT DEPTH
-  3FT DEPTH
-  4FT DEPTH
-  5FT DEPTH
-  6FT DEPTH
-  7FT DEPTH
-  8FT DEPTH
-  9FT DEPTH

ACTUAL LIMITS OF CONTAMINATION
NYSDEC SCHRECKS SCRAPYARD SITE No. 9-32-099

Figure No. 3-3

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FIG3-3

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3.1.3.1 Field Versus Laboratory Sample Results

Table 3-1 provides a comparison of field confirmatory sample results and their corresponding verification sample results. From these results it can be seen that eight out of 15 (or 53%) of field analyses on confirmatory samples concurred with their corresponding lab analytical results.

Soil samples identified by the ENSYS kit as containing less than 10 ppm PCB contamination were verified 100% by the corresponding laboratory analytical results. However, only 22% of soil samples identified by the ENSYS kit as containing more than 10 ppm PCB concentration were verified by the corresponding laboratory analytical results. The use of ENSYS kits appears to be conservative, since only some "false particle" results and no "false negative" results are obtained.

This comparison confirms the Department's directions, in the specifications, to use the ENSYS kit only to confirm that the site has reached its cleanup limit while more precise laboratory analysis should be used for all soil characterization, for removal and disposal purposes. Based on its performance on this project, we recommend that ENSYS kit use continue to be restricted to confirming PCB concentrations below 10 ppm.

3.1.4 UST Excavation Sampling

As discussed in Section 2.5, the oil saturated soils beneath the three uncovered storage tanks were sampled at the 10 foot depth prior to backfill. The samples were analyzed by USEPA Method 8020 and 8270 for VOA's and BNA's, respectively. Figure 2-3 indicates the sample collection locations while analytical results can be found in Appendix G.

3.2 Data Validation

CDM provided for the review of forty reporting and deliverable packages including QA/QC results for soil verification samples, field samples, MS/MSD and blanks inclusive, taken from the final limits of excavation. Data Validation Services (DVS), CDM's subconsultant, prepared four Data Validation Reports which provided a summary of review comments regarding QA/QC procedures during the sampling, transportation and analysis phases. The analyses were conducted in compliance with the modified protocol. Exceptions are noted in the detailed reports presented in Appendix H. The samples chosen for validation were chosen in random order. Table 3-2 lists the report number, deliverable package number, sample identification numbers, matrix type and a summary of any discrepancies indicated on the reports.

In general, ISI's Analytical Data Deliverable packages were found to meet QA/QC requirements and to fall within acceptable QA/QC ranges as stated in the site Specific Quality Assurance Plan,

3.3 Aqueous Sampling

3.3.1 Decontamination Water

All liquids generated during decontamination operations, including but not limited to the

Table 3-1
PCB Soil Sample Results
Field vs Laboratory Analyses
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

Date	Section Number/(COC#)	Depth (ft)	PCB Levels	
			Immunoassay	EPA Method 91-3
10/14/93	53 (008)	1	< 10 ppm	NA
10/27/93	54 (010)	4	< 10 ppm	2.6 ppm
11/05/93	40 (011)	8	< 10 ppm	1.6 ppm
11/10/93	2 (013)	2	< 10 ppm	0.4 ppm
12/15/93	39 (016)	2.5	< 10 ppm	0.78 ppm
12/15/93	31 (016)	1	< 10 ppm	0.59 ppm
12/06/93	31 (014)	1	> 10 ppm	2.4 ppm
12/06/93	35 (014)	4	> 10 ppm	5.5 to 2.8 ppm
12/15/93	38 (016)	2	> 10 ppm	13 ppm
12/20/93	19 (016)	3	> 10 ppm	10 ppm
12/03/93	38 (014)	1	> 10 ppm	8.7 to 2.5 ppm
12/03/93	39 (014)	1	> 10 ppm	4.3 ppm
12/17/93	23 (016)	1	> 10 ppm	1.9 ppm
12/07/93	24 (015)	2	> 10 ppm	0.44 ppm U
12/22/93	GAR/E (017)	1	> 10 ppm	0.077 ppm U

ABBREVIATIONS:

COC - Chain of Custody Number
 GAR/E - Gargage Area East
 U - Undetectable
 NA - Not Available

Table 3-2
Summary Of Data Validation Reports
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

Report Number	Deliverable Package SDG Number	Sample ID Number	Matrix	PCB Analysis Status	Non-Compliance Comments
1	SG 1	SG 1	Soil	OK	
1	TT-3	TT-3	Soil	OK	
2	GRID 54	GRID 54	Soil	No	Breakdown criteria exceeded on both analysis columns.
2	GRID 40	GRID 40	Soil	OK	
2	ESIDE	GRID 2	Soil	OK	
2	GRID 31	GRID 35	Soil	OK	
2	GRID 31	GRID 38	Soil	OK	
2	GRID 31	GRID 39	Soil	No	
2	GRID 31	GRID 39	Soil	No	
2	COMP-A	GRID 23	Soil	OK	Pesticide responses in PEM exceed allowable limits. Retention times of TCX in associated standards are outside allowable windows.
2	COMP-A	GRID 38	Soil	OK	
2	COMP-A	GRID 39	Soil	OK	
2	COMP-A	N 19	Soil	OK	
3	DS 1	DS 1	Soil	OK	
3	DS 1	CAR 3	Soil	OK	
3	EUG	EUG	Soil	OK	
3	AREA 6	AREA 6	Soil	OK	
4	G COMP 3	G COMP 3	Soil	No	
4	G COMP 3	GS 1	Concrete	No	
4	G COMP 3	GE 1	Concrete	No	
4	G COMP 3	GN 1	Concrete	No	
4	CAR 3	CAR 3	Soil	OK	Retention time outliner for surrogate TCX in associated standard and spikes (Method modification page 1). Incorrect spiking level for matrix spikes.
4	CAR 1	CAR 1	Soil	OK	
4	CAR 1	DP 1	Soil	OK	
4	CAR 1	DP 2	Soil	OK	

washdown of vehicles, equipment and personnel at the deacon pad, and boat wash, and road surface washdown, were collected and contained in aboveground storage tanks and sampled for disposal purposes. Analytical results indicated that the liquids did not meet groundwater standards, but could be characterized as non-hazardous liquids. These liquids could not be filtered and deposited into the local drainage sewer system, but were treated and disposed of at CECOS International disposal facility.

3.3.2 Surface Water

Several locations of standing water at the site, including that found at and around the existing concrete bailer and press pit ponds, were identified as surface water which could possibly be contaminated. The liquid in these areas was sampled and analyzed for several parameters in addition to PCB and TCLP metals, for disposal purposes. Results indicated that these liquids did not meet groundwater standards and had to be treated and disposed of offsite. Runoff from rain and piled snow was also collected from surface water control trenches and sumps, containerized and sampled. Similarly, these liquids could not be characterized as groundwater and had to be treated and disposed of offsite. Corresponding analytical results can be found in Appendix I.

Although the top of the watertable was confirmed to be at the ten foot depth during test trenching activities, since no excavation continued below that depth, extensive dewatering of the site was not necessary. A total of 29,186 gallons of non-hazardous liquids were removed from the site.

3.3.3 Groundwater Monitoring Well

Well sampling was not included in the scope of work for this project. However, during the course of work, an outside contractor, requested access to MW Nos. 3 and 4 for sampling purposes. A record of these results can be found in Appendix I.

A groundwater monitoring program will be implemented at the site. The groundwater monitoring program shall address the presence of fuel oil discovered in the groundwater during UST removal and test trenching.

3.3.4 Underground Storage Tank (UST) Liquid

The fuel water mixture found in UST No. 1 was identified by the disposal facility as No. 2 fuel oil. No liquid remained in UST No's 2 and 3 when uncovered. The USTs were badly perforated and did not retain enough liquid required for QA/QC sampling requirements.

As discussed under Subsection 2.5, it was discovered that fuel oil saturated the soil through the 10 foot depth as well as the watertable at the UST excavation areas. Although soil samples were collected for analysis, no aqueous samples were collected. By inspection, it was clear that the oil flowed with the groundwater at the 10 foot depth and that analysis of the groundwater at these locations would have been redundant.

3.4 Air Particulate Sampling

As demonstrated in Subsection 2.1.2, the air monitoring program established was used to determine the proper level of personal protective equipment to be used, to document that the level of worker protection was adequate and to evaluate the migration of contaminants offsite as a result of the site work. Both realtime and documentation (personal and area sampling inclusive) sampling were implemented. Realtime monitoring was used to determine the adequacy of the level of personal protective equipment on a continuous basis during intrusive work.

Realtime air monitoring for total dust and total organic vapors was conducted daily both inside and outside of the work zone and along the site perimeter at both upwind and downwind sample locations by ISI's subcontractor, Chopra-Lee Inc., using a miniram aerosol dust indicator and organic vapor photoionizer. Perimeter realtime air monitoring was conducted to determine if background levels in areas surrounding the site were exceeded. Within the work zones, realtime air monitoring was conducted to confirm that the levels were acceptable for workers to continue working, in accordance with the Site Specific Health and Safety Plan. The action level for this site was 2.5 times background and greater than 150 ug/m³. At no time during the remedial operation was this action level exceeded. Daily logs of realtime air monitoring results can be found in Appendix D.

Documentation air monitoring was conducted throughout the construction phase of the work. Documentation air monitoring (personal and area sampling inclusive) required laboratory analysis of the air samples collected. The air samples were collected with sorbent tubes, filters and pumps. The analyses were performed in accordance with the site specific Health and Safety Plan (HASP), QA/QC and Field Sampling Plans. Air samples for asbestos analysis were collected on a daily basis while other samples for PCBs, total organic volatiles, and total dust samples were collected twice a week, at regularly scheduled intervals during intrusive work. Intrusive work included staging, excavation and moving of contaminated soil and debris. The meteorological station wind direction and velocity readings were used to establish upwind and downwind locations for perimeter sample collection. Documentation samples were also collected during the building asbestos abatement operations (see Appendix F).

Documentation air sampling was conducted within the work zone through the use of personal samples worn by personnel working in "high risk" activities. The personal samples for PCBs, total organic vapors, total dust and asbestos were collected twice a week and sent off the laboratory for analysis. Final clearance air monitoring for asbestos was performed on December 7, 1993, as soon as the last strip of non-friable asbestos contaminated soil was removed from the site. All analytical results including QA/QC sample requirements indicated that documentation air samples concentration fell below detection limits. It should be noted that during the first few months of construction, not enough workers were available onsite to provide sufficient personal samples for the parameters required. Appendix D provides a tabulation of results for both perimeter and personal documentation samples collected.

3.5 Concrete Sampling

Three concrete chip samples were collected from each of the exposed surfaces of the garage building foundation, the concrete bailer and press pit and were analyzed by modified EPA Method 91-3 for PCBs in accordance with the approved QA/QC Plan. All results indicate that PCB concentration levels fell below the site action level (10 ppm). Therefore, the structure, footings, and foundations were allowed to remain onsite. These results are tabulated under Appendix L.

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Section 4 Summary

4.1 General

The purpose of this Final Remediation Report was to document the work performed at the Schreck's Scrapyard Site No. 9-32-099 in North Tonawanda, New York, in accordance with the NYSDEC Contract Documents dated February 1993 and ISI's Site Specific Work Plan, Health and Safety Plan, Waste Handling, Quality Assurance and Quality Control, and Field Sampling Plans approved by the NYSDEC. This report reflects variations from the Contract Documents and provides confirmatory sampling results, horizontal and vertical survey of the excavation, location of confirmatory samples and summary of waste removed. A certification statement signed by CDM's Project Manager and Resident Engineer is included as part of this Section.

4.2 Completed Remediation

A total of 16328.40 tons of PCB contaminated soil and debris were removed from the site from July 1993 through February 1994. From this total 10707.81 tons, 5529.56 tons, and 91.04 tons were identified as non-hazardous, hazardous and RCRA-hazardous soil and debris, respectively. No buried drums, transformers or related contamination were uncovered at the site. The office and garage buildings have been demolished to their foundations. The site has been backfilled, graded and seeded. Partial perimeter fencing has been installed to minimize off road dumping. Two existing monitoring wells (MW-3 and MW-4) remain and two replacement monitoring wells (MW-5R and MW-6R) have been installed and developed. Miscellaneous repairs have been performed on the 75 Schenck Street lot and press pit to restore them to their original condition. In addition, the two hundred and twenty linear feet of pavement which boarded the site along Schenck Street has been decontaminated.

4.3 Groundwater Monitoring Program

A groundwater monitoring program will be implemented at the site to monitor groundwater contamination and evaluate the effectiveness of the remedy.

4.4 Recommendation of Future Investigation and Remediation

Although no buried drums or corresponding soil contamination were found during exploratory excavation, fuel oil remediation remains a problem for this site.

The Department should utilize the existing monitoring wells in addition to any monitoring wells in the surrounding area to monitor the direction and intensity of any contamination and fuel oil flowing with the groundwater through and away from the site. It has been proposed, based on the discovery of the three perforated underground storage tanks (USTS), that the fuel oil found along the watertable (10 feet depth) is a result of prolonged seepage of these deteriorated USTs. If that is the case, one would expect the concentration of the substance to decrease over time. However, should the concentration increase, an investigation should be initiated to identify the actual source of the foreign substance. Depending on the results of the investigation, and the

extent of contamination, it may be advisable to install additional wells in the direction of the increasing concentrations to aid in pinpointing the source. Once the Department is reasonably certain of the source, a remediation plan can be developed and implemented.

[docs\nysdec\screcks\sec4]

SCHRECK'S SCRAPYARD SITE NO. 9-32-099
NORTH TONAWANDA, NEW YORK

CONSTRUCTION CERTIFICATION*

To the best of our knowledge, as based on the daily observation of the Resident Engineer with the exception of variations described herein and further detailed in reports to the Department, the construction was completed in accordance with the Contract Documents prepared by the NYSDEC and entitled "Building Demolition and Soil Removal, Schrecks' Scrapyard Site No. 9-32-099".



Signature: Michael Memoli
Michael Memoli, P.E. -- N.Y.P.E. No. 55132
Program Manager

Signature: James Parr
James Parr, P.E.
Project Manager

Signature: Karla Alvarez
Karla Alvarez
Resident Engineer

Date: 11/23/94

*The word "certify" or "certification" as used in this statement is understood to be the professional opinion of the Engineer which is based upon engineer's knowledge, information and belief, formulated in accordance with commonly accepted procedures consistent with applicable standards of practice, and as such does not constitute a guaranty or warranty, either expressed or implied.

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Appendix A
Hazardous Soil and Debris Manifests

Table A-1
Hazardous Waste Manifests
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
10/21/93	CWM	NY80779V	HAZ/MC	NYB635 6538	23.66
10/21/93	CWM	NY60948S	HAZ/MC	NYB635 6556	19.60
10/21/93	CWM	NY43330T	HAZ/MC	NYB635 6547	18.00
10/21/93	CWM	NY864297	HAZ/MC	NYB635 6583	22.77
10/21/93	CWM	NY60948S	HAZ/MC	NYB635 6565	21.72
10/21/93	CWM	NY43330T	HAZ/MC	NYB635 6574	18.32
10/21/93	CWM	NY80779V	HAZ/MC	NYB635 6673	22.40
10/22/93	CWM	NY14646V	HAZ/MC	NYB635 6664	20.44
10/22/93	CWM	NY86435Z	HAZ/MC	NYB635 6637	22.62
10/22/93	CWM	NY60337S	HAZ/MC	NYB635 6646	20.85
10/22/93	CWM	NY14648V	HAZ/MC	NYB635 6655	19.96
10/22/93	CWM	NY14647V	HAZ/MC	NYB635 6628	18.63
10/22/93	CWM	NY72330E	HAZ/MC	NYB635 6619	24.64
10/22/93	CWM	NY44562C	HAZ/MC	NYB635 6601	20.15
10/22/93	CWM	NY85859D	HAZ/MC	NYB635 6592	22.20
10/22/93	CWM	NY44580C	HAZ/MC	NYB635 7024	23.92
10/22/93	CWM	NY14646V	HAZ/MC	NYB635 7141	20.10
10/22/93	CWM	NY44561O	HAZ/MC	NYB635 7132	15.62
10/22/93	CWM	NY86435Z	HAZ/MC	NYB635 7168	22.60
10/22/93	CWM	NY60337S	HAZ/MC	NYB635 7159	20.84
10/25/93	CWM	NY14648V	HAZ/MC	NYB635 7276	21.05
10/25/93	CWM	NY80779V	HAZ/MC	NYB635 7267	23.28
10/25/93	CWM	NY60948S	HAZ/MC	NYB635 7258	18.49
10/25/93	CWM	NY60338S	HAZ/MC	NYB635 7249	23.06
10/25/93	CWM	NY14647V	HAZ/MC	NYB635 7285	16.19
10/25/93	CWM	NY14645V	HAZ/MC	NYB635 7222	14.55
10/25/93	CWM	NY60337S	HAZ/MC	NYB635 7231	22.54
10/25/93	CWM	NY14646V	HAZ/MC	NYB635 6691	19.20
10/25/93	CWM	NY85860D	HAZ/MC	NYB635 6718	19.89
10/25/93	CWM	NY44562C	HAZ/MC	NYB635 7312	15.89
10/25/93	CWM	NY85859D	HAZ/MC	NYB635 7195	20.38
10/25/93	CWM	NY86435Z	HAZ/MC	NYB635 7303	18.59
10/25/93	CWM	NY44580C	HAZ/MC	NYB635 7294	17.59
10/25/93	CWM	NY80779V	HAZ/MC	NYB635 6952	18.84
10/25/93	CWM	NY75764B	HAZ/MC	NYB635 6943	22.52
10/25/93	CWM	NY44561C	HAZ/MC	NYB635 7438	20.61
10/25/93	CWM	NY60337S	HAZ/MC	NYB635 7456	18.81
10/25/93	CWM	NY60948S	HAZ/MC	NYB635 7465	21.34
10/25/93	CWM	NY14647V	HAZ/MC	NYB635 7474	19.02
10/25/93	CWM	NY85860D	HAZ/MC	NYB635 7726	22.56
10/25/93	CWM	NY85857D	HAZ/MC	NYB635 7213	20.97
10/25/93	CWM	NY85859D	HAZ/MC	NYB635 7735	22.03
10/25/93	CWM	NY44580C	HAZ/MC	NYB635 7744	18.35
10/25/93	CWM	NY44562C	HAZ/MC	NYB635 7753	19.26
10/25/93	CWM	NY14645V	HAZ/MC	NYB635 7519	17.78
10/25/93	CWM	NY60338S	HAZ/MC	NYB635 7528	21.84
10/26/93	CWM	NY43330T	HAZ/MC	NYB635 7384	19.68
10/26/93	CWM	NY86429Z	HAZ/MC	NYB635 7393	22.40
10/26/93	CWM	NY85859D	HAZ/MC	NYB635 7375	21.83
10/26/93	CWM	NY14645V	HAZ/MC	NYB635 7366	20.63

Table A-1
Hazardous Waste Manifests
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
10/26/93	CWM	NY14648V	HAZ/MC	NYB635 7402	20.73
10/26/93	CWM	NY44580C	HAZ/MC	NYB635 7701	18.18
10/26/93	CWM	NY80779V	HAZ/MC	NYB635 7447	17.97
10/26/93	CWM	NY14647V	HAZ/MC	NYB635 7411	19.96
10/26/93	CWM	NY60948S	HAZ/MC	NYB635 7429	22.04
10/26/93	CWM	NY75764B	HAZ/MC	NYB635 7492	20.35
10/26/93	CWM	NY60337S	HAZ/MC	NYB635 8275	20.34
10/26/93	CWM	NY44561C	HAZ/MC	NYB635 8284	19.38
10/26/93	CWM	NY80779V	HAZ/MC	NYB635 8293	22.43
10/26/93	CWM	NY85859D	HAZ/MC	NYB635 8302	23.78
10/26/93	CWM	NY14645V	HAZ/MC	NYB635 8158	23.56
10/26/93	CWM	NY14648V	HAZ/MC	NYB635 8329	18.90
10/26/93	CWM	NY86429Z	HAZ/MC	NYB635 8338	22.05
10/27/93	CWM	NY14645V	HAZ/MC	NYB635 7717	21.46
10/27/93	CWM	NY60338S	HAZ/MC	NYB635 7708	21.04
10/27/93	CWM	NY85859D	HAZ/MC	NYB635 7694	19.28
10/27/93	CWM	NY62898S	HAZ/MC	NYB635 7555	23.06
10/27/93	CWM	NY75764B	HAZ/MC	NYB635 7546	23.62
10/27/93	CWM	NY14648V	HAZ/MC	NYB635 7537	18.35
10/27/93	CWM	NY86429Z	HAZ/MC	NYB635 7564	24.61
10/27/93	CWM	NY60337S	HAZ/MC	NYB635 7573	21.84
10/27/93	CWM	NY80779V	HAZ/MC	NYB635 7582	24.06
10/27/93	CWM	NY43330T	HAZ/MC	NYB635 7591	18.01
10/27/93	BFC	NY75768B	HAZ/MC	NYB635 7609	18.02
10/27/93	BFC	NY72745E	HAZ/MC	NYB635 7618	14.72
10/27/93	BFC	NY85905D	HAZ/MC	NYB635 7627	14.83
10/27/93	BFC	NY69660E	HAZ/MC	NYB635 7636	17.63
10/27/93	BFC	NY44614C	HAZ/MC	NYB635 7645	15.02
10/27/93	CWM	NY85859D	HAZ/MC	NYB635 7654	19.12
10/27/93	CWM	NY14645V	HAZ/MC	NYB635 7663	21.65
10/27/93	BFC	NY35864U	HAZ/MC	NYB635 8491	22.11
10/27/93	CWM	NY86429Z	HAZ/MC	NYB635 8392	20.16
10/27/93	CWM	NY14648V	HAZ/MC	NYB635 8401	23.19
10/27/93	BFC	NY54770D	HAZ/MC	NYB635 8428	15.77
10/27/93	BFC	NY45079T	HAZ/MC	NYB635 8482	19.81
10/27/93	BFC	NY38852B	HAZ/MC	NYB635 8464	21.48
10/27/93	BFC	NY55250D	HAZ/MC	NYB635 8455	22.58
10/28/93	CWM	NY14648V	HAZ/MC	NYB635 8131	17.03
10/28/93	CWM	NY86424Z	HAZ/MC	NYB635 8122	18.06
10/28/93	CWM	NY44850C	HAZ/MC	NYB635 8113	18.00
10/28/93	CWM	NY44562C	HAZ/MC	NYB635 8077	16.97
10/28/93	CWM	NY14643V	HAZ/MC	NYB635 8068	20.64
10/28/93	CWM	NY85859D	HAZ/MC	NYB635 8059	21.56
10/28/93	CWM	NY60448S	HAZ/MC	NYB635 8041	17.09
10/28/93	CWM	NY14648V	HAZ/MC	NYB635 8023	18.67
10/28/93	CWM	NY86429Z	HAZ/MC	NYB635 8014	18.12
10/28/93	CWM	NY44580C	HAZ/MC	NYB635 8005	16.79
10/28/93	CWM	NY44562C	HAZ/MC	NYB635 7996	20.23
10/28/93	CWM	NY60338S	HAZ/MC	NYB635 7987	21.03
10/28/93	CWM	NY75764B	HAZ/MC	NYB635 7978	18.28

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 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
10/28/93	CWM	NY85859D	HAZ/MC	NYB635 8104	19.90
10/28/93	CWM	NY14695V	HAZ/MC	NYB635 8095	19.24
10/28/93	CWM	NY44561C	HAZ/MC	NYB635 8086	23.41
10/28/93	CWM	NY86403D	HAZ/MC	NYB635 8473	20.10
10/28/93	CWM	NY14647V	HAZ/MC	NYB635 8032	20.09
10/29/93	CWM	NY44562C	HAZ/MC	NYB635 2969	21.27
10/29/93	CWM	NY85859D	HAZ/MC	NYB635 8347	24.81
10/29/93	CWM	NY44530C	HAZ/MC	NYB635 8356	19.27
10/29/93	CWM	NY44561C	HAZ/MC	NYB635 8365	21.48
10/29/93	CWM	NY75764B	HAZ/MC	NYB635 8374	20.23
10/29/93	CWM	NY43330T	HAZ/MC	NYB635 8383	19.06
10/29/93	CWM	NY14645T	HAZ/MC	NYB635 8149	21.02
10/29/93	CWM	NY86429Z	HAZ/MC	NYB635 8923	22.39
10/29/93	CWM	NY62898S	HAZ/MC	NYB635 8932	22.71
10/29/93	CWM	NY14648V	HAZ/MC	NYB635 8941	22.75
10/29/93	CWM	NY85859D	HAZ/MC	NYB635 8959	24.29
10/29/93	CWM	NY60337S	HAZ/MC	NYB635 8968	21.75
10/29/93	CWM	NY72330C	HAZ/MC	NYB635 8986	15.87
10/29/93	CWM	NY14646V	HAZ/MC	NYB635 8995	15.42
11/01/93	CWM	NY85859D	HAZ/MC	NYB635 9004	20.61
11/01/93	CWM	NY60337S	HAZ/MC	NYB639 8901	20.61
11/01/93	CWM	NY14647V	HAZ/MC	NYB639 8919	20.78
11/01/93	CWM	NY80779V	HAZ/MC	NYB639 8928	22.80
11/01/93	CWM	NY60349S	HAZ/MC	NYB639 8937	24.78
11/01/93	CWM	NY60948S	HAZ/MC	NYB639 8946	23.62
11/01/93	CWM	NY60338S	HAZ/MC	NYB639 8955	24.06
11/01/93	CWM	NY72330E	HAZ/MC	NYB639 8964	22.80
11/01/93	CWM	NY14646V	HAZ/MC	NYB639 8973	24.61
11/01/93	CWM	NY85859D	HAZ/MC	NYB639 8982	19.63
11/01/93	CWM	NY60337S	HAZ/MC	NYB639 8991	21.49
11/01/93	CWM	NY60338S	HAZ/MC	NYB639 9009	24.17
11/01/93	CWM	NY80779V	HAZ/MC	NYB639 9018	21.90
11/01/93	CWM	NY60948S	HAZ/MC	NYB639 9027	24.48
11/01/93	CWM	NY60349S	HAZ/MC	NYB639 9045	22.19
11/02/93	CWM	NY85859D	HAZ/MC	NYB639 9054	24.40
11/02/93	CWM	NY68338S	HAZ/MC	NYB639 9063	20.41
11/02/93	CWM	NY14647V	HAZ/MC	NYB639 9092	22.60
11/02/93	CWM	NY60337S	HAZ/MC	NYB639 9081	21.67
11/02/93	CWM	NY80779V	HAZ/MC	NYB639 9099	22.46
11/02/93	CWM	NY60349S	HAZ/MC	NYB639 9108	22.01
11/02/93	CWM	NY60948S	HAZ/MC	NYB639 9117	21.83
11/02/93	CWM	NY85859D	HAZ/MC	NYB639 9432	19.62
11/02/93	CWM	NY68338S	HAZ/MC	NYB639 9441	23.76
11/02/93	CWM	NY60337S	HAZ/MC	NYB639 9459	23.73
11/02/93	CWM	NY60948S	HAZ/MC	NYB639 9468	23.05
11/02/93	CWM	NY80779V	HAZ/MC	NYB639 9477	20.68
11/02/93	CWM	NY60349S	HAZ/MC	NYB639 9486	20.15
11/02/93	CWM	NY14647V	HAZ/MC	NYB639 9495	21.50
11/03/93	CWM	NY85859D	HAZ/MC	NYB639 9504	18.72
11/03/93	CWM	NY60337S	HAZ/MC	NYB639 9513	19.08

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Hazardous Waste Manifests
 New York State Department Of Environmental Conservation
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<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
11/03/93	CWM	NY60948S	HAZ/MC	NYB639 9522	18.63
11/03/93	CWM	NY68338S	HAZ/MC	NYB639 9531	19.51
11/03/93	CWM	NY80779V	HAZ/MC	NYB639 9549	20.82
11/03/93	CWM	NY60349S	HAZ/MC	NYB639 9567	20.77
11/29/93	HAZMAT	NY10258S	HAZ/MC	NYB639 9702	21.22
11/29/93	HAZMAT	NY18257P	HAZ/MC	NYB639 9693	22.01
11/29/93	HAZMAT	NY10256P	HAZ/MC	NYB639 9711	23.45
11/29/93	HAZMAT	NY10260P	HAZ/MC	NYB639 9756	22.45
11/29/93	HAZMAT	NY10203P	HAZ/MC	NYB639 9747	21.23
11/29/93	HAZMAT	NY10259P	HAZ/MC	NYB639 9738	18.67
11/29/93	BFC	NY69658E	HAZ/MC	NYB635 9235	29.06
11/29/93	BFC	NY55345P	HAZ/MC	NYB635 9229	26.60
11/29/93	HAZMAT	NY10261P	HAZ/MC	NYB639 9729	19.29
11/29/93	HAZMAT	NY11258S	HAZ/MC	NYB639 9765	21.68
11/29/93	HAZMAT	NY11257P	HAZ/MC	NYB639 9864	24.10
11/29/93	HAZMAT	NY10256P	HAZ/MC	NYB639 9783	21.14
11/29/93	HAZMAT	NY10260P	HAZ/MC	NYB639 9792	15.27
11/29/93	HAZMAT	NY10203P	HAZ/MC	NYB639 9801	18.95
11/29/93	HAZMAT	NY10259P	HAZ/MC	NYB639 9837	19.30
12/01/93	FVS	NY80369V	HAZ/MC	NYB639 9244	21.41
12/01/93	FVS	NY80343V	HAZ/MC	NYB639 9217	19.60
12/01/93	FVS	NY80343V	HAZ/MC	NYB635 8266	20.91
12/01/93	FVS	NY80360V	HAZ/MC	NYB638 9208	19.77
12/01/93	FVS	NY80369V	HAZ/MC	NYB638 9199	19.28
12/01/93	FVS	NY80360V	HAZ/MC	NYB639 9828	23.15
12/02/93	FVS	NY80343V	HAZ/MC	NYB638 9181	19.77
12/02/93	FVS	NY80360V	HAZ/MC	NYB638 9172	21.15
12/02/93	FVS	NY80369V	HAZ/MC	NYB638 9352	22.30
12/02/93	CWM	NY44562C	HAZ/MC	NYB638 9343	26.28
12/02/93	CWM	NY80859D	HAZ/MC	NYB638 9334	39.46
12/02/93	CWM	NY60337S	HAZ/MC	NYB638 9325	21.77
12/02/93	CWM	NY44561C	HAZ/MC	NYB638 9316	22.95
12/02/93	CWM	NY62883S	HAZ/MC	NYB638 9271	23.17
12/02/93	FVS	NY80343V	HAZ/MC	NYB638 9262	23.12
12/02/93	FVS	NY80360V	HAZ/MC	NYB638 9253	19.27
12/02/93	FVS	NY80369V	HAZ/MC	NYB638 9397	21.82
12/03/93	CWM	NY85857D	HAZ/MC	NYB638 9388	23.26
12/03/93	HAZMAT	NY10260P	HAZ/MC	NYB638 9379	18.79
12/03/93	HAZMAT	NY10258P	HAZ/MC	NYB638 9361	20.10
12/03/93	HAZMAT	NY10256P	HAZ/MC	NYB638 9469	18.96
12/03/93	HAZMAT	NY10259P	HAZ/MC	NYB638 9442	17.81
12/03/93	HAZMAT	NY10261P	HAZ/MC	NYB638 9433	19.46
12/03/93	FVS	NY80360V	HAZ/MC	NYB638 9424	19.90
12/03/93	FVS	NY80343V	HAZ/MC	NYB638 9415	18.63
12/03/93	FVS	NY80369V	HAZ/MC	NYB638 9406	18.54
12/03/93	HAZMAT	NY10257P	HAZ/MC	NYB638 9451	20.93
12/03/93	HAZMAT	NY10203P	HAZ/MC	NYB639 9814	19.64
12/03/93	CWM	NY60338S	HAZ/MC	NYB638 9307	21.08
12/03/93	CWM	NY86135Z	HAZ/MC	NYB638 9298	25.57
12/03/93	CWM	NY62898S	HAZ/MC	NYB638 9289	24.26

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<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
12/03/93	CWM	NY85860D	HAZ/MC	NYB639 9846	22.91
12/03/93	FVS	NY80343V	HAZ/MC	NYB639 9855	19.49
12/03/93	CWM	NY86435Z	HAZ/MC	NYB639 9873	23.22
12/03/93	FVS	NY80360V	HAZ/MC	NYB639 9882	20.98
12/03/93	FVS	NY80362V	HAZ/MC	NYB639 9891	19.47
12/06/93	FVS	NY80360V	HAZ/MC	NYB639 9909	22.37
12/06/93	FVS	NY43473E	HAZ/MC	NYB639 9918	22.30
12/06/93	FVS	NY80343V	HAZ/MC	NYB637 9927	20.01
12/06/93	FVS	NY80362V	HAZ/MC	NYB637 9936	23.01
12/06/93	FVS	NY80360V	HAZ/MC	NYB637 9126	19.66
12/06/93	FVS	NY4347V	HAZ/MC	NYB637 9135	21.30
12/06/93	FVS	NY80343V	HAZ/MC	NYB637 9144	21.83
12/06/93	FVS	NY80362V	HAZ/MC	NYB637 9576	19.27
12/07/93	FVS	NY80360V	HAZ/MC	NYB637 9585	22.99
12/07/93	HAZMAT	NY10261P	HAZ/MC	NYB637 9603	18.64
12/07/93	HAZMAT	NY10203P	HAZ/MC	NYB637 9594	21.74
12/07/93	HAZMAT	NY10258P	HAZ/MC	NYB637 9612	21.41
12/07/93	FVS	NY80362V	HAZ/MC	NYB637 9621	20.19
12/07/93	FVS	NY80343V	HAZ/MC	NYB637 9639	19.59
12/07/93	FVS	NY80369V	HAZ/MC	NYB637 9648	18.91
12/07/93	CWM	NY85857Z	HAZ/MC	NYB637 9657	21.07
12/07/93	FVS	NY80360V	HAZ/MC	NYB637 9666	22.73
12/07/93	FVS	NY80362V	HAZ/MC	NYB637 9675	22.23
12/07/93	CWM	NY60337S	HAZ/MC	NYB635 8257	21.34
12/07/93	HAZMAT	NY10258P	HAZ/MC	NYB635 8248	19.36
12/07/93	HAZMAT	NY10203P	HAZ/MC	NYB635 8239	19.70
12/07/93	HAZMAT	NY10261P	HAZ/MC	NYB635 8221	17.25
12/07/93	FVS	NY80343V	HAZ/MC	NYB635 8212	19.26
12/07/93	FVS	NY80369V	HAZ/MC	NYB635 8203	23.24
12/08/93	CWM	NY86435Z	HAZ/MC	NYB635 8194	20.00
12/08/93	CWM	NY85857D	HAZ/MC	NYB635 8185	20.99
12/08/93	CWM	NY14647V	HAZ/MC	NYB635 8176	23.74
12/08/93	CWM	NY14646V	HAZ/MC	NYB635 8167	21.07
12/08/93	CWM	NY60349S	HAZ/MC	NYB635 6934	22.13
12/13/93	PRICE	NY3718A5	HAZ/MC	NYB635 6925	24.14
12/13/93	CWM	NY14647V	HAZ/MC	NYB635 6916	20.95
12/13/93	CWM	NY14645V	HAZ/MC	NYB635 6907	21.14
12/13/93	PRICE	NY3718A5	HAZ/MC	NYB635 6818	23.13
12/13/93	PRICE	NY3723A5	HAZ/MC	NYB635 6889	21.80
12/14/93	PRICE	NY3718A5	HAZ/MC	NYB635 6871	21.84
12/14/93	PRICE	NY3718A5	HAZ/MC	NYB635 6862	23.84
12/15/93	PRICE	NY3718A5	HAZ/MC	NYB635 6853	20.77
12/15/93	PRICE	NY23350D	HAZ/MC	NYB635 6844	24.33
12/28/93	CWM	NY85859D	HAZ/MC	NYB635 6835	18.16
12/28/93	CWM	NY60338S	HAZ/MC	NYB635 6826	22.87
12/28/93	CWM	NY14646V	HAZ/MC	NYB635 6817	21.28
12/28/93	CWM	NY14647V	HAZ/MC	NYB635 6808	19.80
12/28/93	CWM	NY14648V	HAZ/MC	NYB639 0918	20.99
12/28/93	CWM	NY85859D	HAZ/MC	NYB639 0927	19.65
12/28/93	CWM	NY60338S	HAZ/MC	NYB639 0936	23.12

Table A-1
Hazardous Waste Manifests
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
12/28/93	CWM	NY14647V	HAZ/MC	NYB639 0945	20.54
12/28/93	CWM	NY14648V	HAZ/MC	NYB639 0954	20.25
12/29/93	CWM	NY14647V	HAZ/MC	NYB639 0963	21.28
12/29/93	CWM	NY60338S	HAZ/MC	NYB639 0972	23.26
12/29/93	CWM	NY14647V	HAZ/MC	NYB639 0981	20.30
12/29/93	CWM	NY60337S	HAZ/MC	NYB639 0999	23.06
12/30/93	CWM	NY14646V	HAZ/MC	NYB639 1008	19.22
12/30/93	CWM	NY14648V	HAZ/MC	NYB639 1017	19.08
12/30/93	CWM	NY14647V	HAZ/MC	NYB639 1026	20.69
12/30/93	CWM	NY60338S	HAZ/MC	NYB639 1035	20.87
12/30/93	CWM	NY44580C	HAZ/MC	NYB639 1044	18.23
12/30/93	CWM	NY44562C	HAZ/MC	NYB639 1053	17.24
01/03/94	CWM	NY44562C	HAZ/MC	NYB639 1062	20.78
01/03/94	CWM	NY85851D	HAZ/MC	NYB639 1071	20.06
01/03/94	CWM	NY44580C	HAZ/MC	NYB636 4539	22.12
01/03/94	CWM	NY85859D	HAZ/MC	NYB636 4521	21.55
01/04/94	CWM	NY43330T	HAZ/MC	NYB636 4512	23.13
01/04/94	CWM	NY60337S	HAZ/MC	NYB636 4503	20.85
01/04/94	CWM	NY14646V	HAZ/MC	NYB636 4494	19.22
01/04/94	CWM	NY60338S	HAZ/MC	NYB636 4485	22.72

Total Hazardous Waste = 5,529.56

ABBREVIATIONS:

BFC - Buffalo Fuel Corporation
 CWM - Chemical Waste Management
 FVS - Frank's Vacuum Service
 HAZ - Hazardous Soil and Debris
 HAZMAT - Hazardous Materials Corporation
 MC - Model City Landfill
 PRICE - Price Trucking

Appendix B
RCRA Hazardous Soil and Debris Manifests

Table B-1
RCRA - Hazardous Waste Manifests
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
11/04/93	CWM	NY7535B	RCRA/MC	NYB6400098	11.58
11/10/93	CWM	NYP A5320	RCRA/MC	NYB6400683	14.02
11/18/93	CWM	NYP A5320	RCRA/MC	NYB6378651	14.52
12/02/93	CWM	NYP A5320	RCRA/MC	NYB6390126	11.51
12/03/93	CWM	NY85857D	RCRA/MC	NYB6390135	21.39
12/13/93	CWM	NY14647V	RCRA/MC	NYB6390723	18.02

Total RCRA - Hazardous Waste = 91.04

ABBREVIATIONS:

CWM - Chemical Waste Management
 MC - Model City Landfill
 RCRA - RCRA Hazardous Soil and Debris

Appendix C
Nonhazardous Soil and Debris Manifests

Table C-1
Non-Hazardous Soil And Debris Manifests
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
08/23/93	CID	30519/30770	AWM/CIDL	NA	5.31
09/23/93	CID	3071/30126	Building Debris	NA	17.08
09/23/93	CID	3073/30780	Building Debris	NA	17.25
09/23/93	CID	20262/20601	Building Debris	NA	11.76
09/23/93	CID	3071/3W126	Building Debris	NA	31.30
09/23/93	CID	30780/30738	Building Debris	NA	30.56
09/23/93	CID	20601/20262	Building Debris	NA	17.26
09/27/93	CHAM	B62	Building Debris	NA	4.08
09/27/93	CHAM	B30	Building Debris	NA	5.48
09/27/93	CHAM	B62	Building Debris	NA	3.11
09/27/93	CHAM	B30	Building Debris	NA	3.42
09/28/93	CID	30772	Building Debris	NA	4.27
11/12/93	BFC	NY80777I	N HAZ/HA	001	18.88
11/12/93	BFC	NY44613C	N HAZ/HA	002	18.49
11/12/93	BFC	NY45079T	N HAZ/HA	003	20.11
11/12/93	BFC	NY54770D	N HAZ/HA	004	117.57
11/12/93	BFC	NY43704T	N HAZ/HA	005	16.47
11/12/93	BFC	NY86403D	N HAZ/HA	006	19.04
11/12/93	BFC	NY38170B	N HAZ/HA	007	23.89
11/12/93	BFC	NY80977V	N HAZ/HA	008	25.25
11/12/93	BFC	NY86248D	N HAZ/HA	009	25.36
11/12/93	BFC	NY55345D	N HAZ/HA	010	26.05
11/15/93	BFC	NY43704T	N HAZ/HA	011	22.50
11/15/93	BFC	NY80748V	N HAZ/HA	012	23.24
11/15/93	BFC	NY38851B	N HAZ/HA	013	23.66
11/15/93	BFC	NY80777V	N HAZ/HA	014	24.33
11/15/93	BFC	NY77267Z	N HAZ/HA	015	20.86
11/15/93	BFC	NY43704T	N HAZ/HA	016	22.40
11/15/93	BFC	NY80777V	N HAZ/HA	017	22.41
11/15/93	BFC	NY86402D	N HAZ/HA	018	19.14
11/16/93	BFC	NY45093T	N HAZ/HA	019	23.84
11/16/93	BFC	NY75768B	N HAZ/HA	020	19.42
11/16/93	BFC	NY69658E	N HAZ/HA	021	21.37
11/16/93	BFC	NY54795I	N HAZ/HA	022	21.84
11/16/93	BFC	NY43704T	N HAZ/HA	023	21.19
11/16/93	BFC	NY80777V	N HAZ/HA	024	23.38
11/16/93	BFC	NY62146S	N HAZ/HA	025	24.42
11/16/93	BFC	NY77229Z	N HAZ/HA	026	26.78
11/16/93	BFC	NY15768B	N HAZ/HA	027	24.10
11/16/93	BFC	NY43704T	N HAZ/HA	028	27.15
11/16/93	BFC	NY80777V	N HAZ/HA	029	25.17
11/16/93	BFC	NY54795D	N HAZ/HA	030	26.14
11/16/93	BFC	NY80724V	N HAZ/HA	031	20.84
11/16/93	BFC	NY80726V	N HAZ/HA	032	21.18
11/17/94	BFC	NY77267Z	N HAZ/HA	033	22.26
11/17/94	BFC	NY43704T	N HAZ/HA	034	27.18
11/17/94	BFC	NY75768B	N HAZ/HA	035	23.02

Table C-1
Non-Hazardous Soil And Debris Manifests
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
11/17/93	BFC	NY43632I	N HAZ/HA	036	22.32
11/17/93	BFC	NY80777V	N HAZ/HA	037	20.39
11/17/93	BFC	NY43704T	N HAZ/HA	038	24.03
11/17/93	PAGE	NY28763E	N HAZ/HA	039	29.63
11/17/93	BFC	NY9919C	N HAZ/HA	040	23.26
11/17/93	BFC	NY80777V	N HAZ/HA	041	18.58
11/17/93	BFC	NY38851B	N HAZ/HA	042	19.72
11/18/93	ROHER	PATW07412	N HAZ/LV	48-39217	28.77
11/18/93	ROHER	PATZ75204	N HAZ/LV	49-39373	32.44
11/18/93	BFC	NY80726V	N HAZ/LV	43-39375	21.94
11/18/93	BFC	NY55326D	N HAZ/LV	46-39346	21.96
11/18/93	BFC	NY60916S	N HAZ/LV	44-39258	23.10
11/18/93	BFC	NY55251D	N HAZ/LV	48-39380	19.51
11/18/93	BFC	NY45079T	N HAZ/LV	44-39254	16.69
11/18/93	BFC	NY77267Z	N HAZ/LV	33-39372	16.98
11/18/93	PAGE	NY28763E	N HAZ/LV	51-39236	22.20
11/18/93	BFC	NY55329D	N HAZ/LV	31-39263	15.16
11/18/93	ROHER	PATV46189	N HAZ/LV	33-39216	21.15
11/18/93	PAGE	MEM78470	N HAZ/LV	34-39262	20.85
11/18/93	PAGE	MEM79882	N HAZ/LV	55-39381	25.94
11/18/93	BFC	NY60917S	N HAZ/LV	56-39379	23.99
11/19/93	BFC	NY85905D	N HAZ/LV	58-39377	22.76
11/19/93	BFC	NY38170B	N HAZ/LV	59-39374	20.11
11/19/93	ROHER	PATV46189	N HAZ/LV	60-39265	20.88
11/19/93	ROHER	PATW07419	N HAZ/LV	61-39255	25.33
11/19/93	BFC	PATK20495	N HAZ/LV	62-39218	21.46
11/18/93	PAGE	NY28763E	N HAZ/LV	57-39378	24.34
11/22/93	ROHER	PATW07419	N HAZ/LV	63-39264	14.69
11/22/93	ROHER	PATV46891	N HAZ/LV	64-39382	18.14
11/22/93	BFC	NY99119C	N HAZ/LV	65-39391	18.00
11/22/93	BFC	NY45097T	N HAZ/LV	66-34392	20.92
11/22/93	US BULK	PATV68173	N HAZ/LV	68-39394	19.70
11/22/93	US BULK	PATV37206	N HAZ/LV	67-39393	21.77
11/22/93	BFC	NY60916S	N HAZ/LV	69-39395	26.44
11/22/93	BFC	NY54770D	N HAZ/LV	70-39396	23.80
11/22/93	BFC	NY80724V	N HAZ/LV	72-39398	23.05
11/22/93	BFC	NY60913S	N HAZ/LV	71-39397	25.74
11/22/93	BFC	NY45081T	N HAZ/LV	74-39400	21.01
11/22/93	BFC	PATK20495	N HAZ/LV	73-39399	23.58
11/22/93	ROHER	PATW07412	N HAZ/LV	75-36901	21.96
11/22/93	ROHER	PATV46189	N HAZ/LV	76-36904	24.48
11/22/93	ROHER	PATW07419	N HAZ/LV	77-36902	22.14
11/22/93	US BULK	PATV68173	N HAZ/LV	78-36903	25.23
11/22/93	US BULK	PATV37206	N HAZ/LV	79-36905	23.33

Table C-1
Non-Hazardous Soil And Debris Manifests
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
11/23/93	US BULK	PATV37206	N HAZ/LV	80-36906	22.31
11/23/93	US BULK	PATV68173	N HAZ/LV	81-36907	26.19
11/23/93	ROHER	PATE07412	N HAZ/LV	82-36908	21.90
11/23/93	ROHER	PATW07419	N HAZ/LV	83-36901	23.99
11/23/93	ROHER	PATZ75204	N HAZ/LV	84-36910	16.05
11/23/93	BFC	NY55329D	N HAZ/LV	85-36911	15.78
11/23/93	BFC	NY54795D	N HAZ/LV	86-36900	20.68
11/24/93	ROHER	PATW07412	N HAZ/LV	87-36913	26.11
11/24/93	ROHER	PATW07419	N HAZ/LV	88-36901	16.88
11/24/93	ROHER	PATZ25204	N HAZ/LV	89-36915	22.58
11/23/93	US BULK	PATV37206	N HAZ/LV	90-36916	22.73
11/23/93	US BULK	PATV68173	N HAZ/LV	91-36917	23.59
11/24/93	BFC	NY45081T	N HAZ/LV	92-36918	21.89
11/24/93	BFC	NY44613C	N HAZ/LV	93-36919	20.67
11/24/93	BFC	NY60915S	N HAZ/LV	95-36921	25.11
11/24/93	BFC	NY55345D	N HAZ/LV	94-36920	22.75
11/24/93	BFC	NY45097T	N HAZ/LV	97-36923	22.29
11/24/93	BFC	NY86248D	N HAZ/LV	98-36924	23.86
11/24/93	BFC	NY80724V	N HAZ/LV	99-36925	24.41
11/24/93	BFC	NY55326D	N HAZ/LV	96-36922	23.08
11/24/93	BFC	NY45093T	N HAZ/LV	100-36926	27.02
11/24/93	PARISO	NY46226C	N HAZ/LV	101-40084	19.59
11/24/93	US BULK	PATV37206	N HAZ/LV	102-40088	23.17
11/24/93	PARISO	NY86441Z	N HAZ/LV	104-40090	24.05
11/24/93	US BULK	PATV68173	N HAZ/LV	103-40089	24.12
11/26/93	BFC	NY43704T	N HAZ/LV	105-40091	24.66
11/26/93	BFC	NY44613C	N HAZ/LV	106-40092	30.88
11/26/93	PARISO	NY46241C	N HAZ/LV	107-40093	19.74
11/26/93	US BULK	PATV68173	N HAZ/LV	108-40094	27.92
11/26/93	PARISO	NY46226C	N HAZ/LV	109-40095	22.02
11/26/93	PARISO	NY864372	N HAZ/LV	110-40096	21.60
11/26/93	BFC	NY86248D	N HAZ/LV	111-40097	21.86
11/26/93	BFC	NY55326D	N HAZ/LV	112-40098	21.79
11/26/93	PARISO	NY28326A	N HAZ/LV	113-40099	19.67
11/26/93	BFC	NY45093T	N HAZ/LV	114-40100	25.18
11/26/93	BFC	NY55345D	N HAZ/LV	115-40101	21.91
11/26/93	US BULK	PATV37206	N HAZ/LV	116-40102	24.95
11/26/93	BFC	NY8724V	N HAZ/LV	117-40103	24.54
11/26/93	BFC	NY45092T	N HAZ/LV	118-40104	23.48
11/26/93	PARISO	NY86441Z	N HAZ/LV	119-40105	19.59
11/26/93	BFC	NY43704T	N HAZ/LV	120-40106	23.05
11/26/93	US BULK	PATV68173	N HAZ/LV	121-40107	26.37
11/26/93	US BULK	PATV37206	N HAZ/LV	122-40108	22.24

Table C-1
Non-Hazardous Soil And Debris Manifests
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
11/29/93	PARISO	NYIE6445	N HAZ/LV	123-40109	20.41
11/29/93	PARISO	NYPN4380	N HAZ/LV	124-41110	22.31
11/29/93	PARISO	NYGA8699	N HAZ/LV	125-40111	21.26
11/29/93	PARISO	NYD41796	N HAZ/LV	126-40112	22.94
11/29/93	PARISO	NYDX9119	N HAZ/LV	127-40113	21.44
11/29/93	PARISO	NYD41780	N HAZ/LV	128-40114	21.15
11/29/93	BFC	NY86403D	N HAZ/LV	129-40115	22.18
11/29/93	US BULK	PATV68173	N HAZ/LV	130-40116	24.89
11/29/93	BFC	NY55327D	N HAZ/LV	131-40117	21.66
11/29/93	BFC	NY85901D	N HAZ/LV	132-40118	22.89
11/29/93	PARISO	NYGA8697	N HAZ/LV	133-40119	22.69
11/29/93	BFC	NY45093T	N HAZ/LV	134-40120	25.95
11/29/93	BFC	NY45081T	N HAZ/LV	135-40121	25.53
11/29/93	PARISO	NYPN4380	N HAZ/LV	136-40122	22.86
11/29/93	US BULK	PATV68173	N HAZ/LV	137-40123	24.54
11/30/93	PARISO	NYIE6455	N HAZ/LV	138-40124	22.54
11/30/93	PARISO	NYGA8699	N HAZ/LV	139-40125	22.15
11/30/93	BFC	NY53327D	N HAZ/LV	140-40126	23.05
11/30/93	PARISO	NYDY1796	N HAZ/LV	141-40127	22.39
11/30/93	PARISO	NYDX9119	N HAZ/LV	142-40128	22.75
11/30/93	BFC	NY86403D	N HAZ/LV	143-40129	25.09
11/30/93	ROHER	PATZ5204	N HAZ/LV	144-36814	28.27
11/30/93	PARISO	NYGA8697	N HAZ/LV	145-36815	22.56
11/30/93	BFC	NY45081T	N HAZ/LV	146-36816	25.05
11/30/93	BFC	NY85901D	N HAZ/LV	147-36817	22.59
11/30/93	ROHER	PATV46189	N HAZ/LV	148-36818	22.51
11/30/93	PARISO	NYDY1780	N HAZ/LV	149-36819	20.70
11/30/93	BFC	NY43704T	N HAZ/LV	150-36820	21.69
11/30/93	US BULK	PATV37206	N HAZ/LV	151-36821	21.33
11/30/93	US BULK	PATV68173	N HAZ/LV	152-368822	24.09
11/30/93	PARISO	NYPN4300	N HAZ/LV	153-36823	19.65
11/30/93	PARISO	NYDY1796	N HAZ/LV	154-36824	19.00
11/30/93	PARISO	NYGA8699	N HAZ/LV	155-36825	19.78
11/30/93	BFC	NY86403D	N HAZ/LV	156-36826	21.95
11/30/93	PARISO	NYDX9119	N HAZ/LV	157-36827	19.76
11/30/93	BFC	NY55345D	N HAZ/LV	158-36829	20.62
11/30/93	BFC	NY55327D	N HAZ/LV	159-36829	22.73
11/30/93	BFC	NY85901D	N HAZ/LV	160-36830	22.81
11/30/93	BFC	NY86402D	N HAZ/LV	161-36831	22.43
11/30/93	PARISO	NYDY1780	N HAZ/LV	162-36832	21.62
11/30/93	PARISO	NYGA8697	N HAZ/LV	163-36833	21.19
11/30/93	PARISO	NYIE6455	N HAZ/LV	164-36834	19.19
11/30/93	BFC	NY43704T	N HAZ/LV	165-36835	23.78
11/30/93	US BULK	PATV37206	N HAZ/LV	166-36836	23.26
11/30/93	US BULK	PATV68173	N HAZ/LV	167-36837	27.18

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Non-Hazardous Soil And Debris Manifests
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
12/01/93	US BULK	PATY38648	N HAZ/LV	168-36838	25.75
12/01/93	US BULK	PATV37206	N HAZ/LV	169-36839	21.64
12/01/93	US BULK	PATV68173	N HAZ/LV	170-36840	20.52
12/01/93	BFC	NY86403D	N HAZ/LV	171-36841	20.70
12/01/93	US BULK	KYT15324	N HAZ/LV	172-36842	24.74
12/01/93	PARISO	NYDY1796	N HAZ/LV	173-36843	19.62
12/01/93	PARISO	NYDY1780	N HAZ/LV	174-36844	21.01
12/01/93	PARISO	NYDX9119	N HAZ/LV	175-36846	19.82
12/01/93	PARISO	NYIE6455	N HAZ/LV	176-36847	17.67
12/01/93	PARISO	NYGA8697	N HAZ/LV	177-36848	19.04
12/01/93	BFC	NY45081T	N HAZ/LV	178-36849	25.12
12/01/93	PARISO	NY46241C	N HAZ/LV	179-36850	22.15
12/01/93	BFC	NY45096T	N HAZ/LV	180-36851	22.82
12/01/93	PARISO	NY8644Z	N HAZ/LV	181-36852	20.18
12/01/93	US BULK	PATV68173	N HAZ/LV	182-36853	26.10
12/01/93	US BULK	PATV37206	N HAZ/LV	183-36845	23.50
12/01/93	US BULK	PATV38648	N HAZ/LV	184-38978	25.00
12/02/93	PARISO	NY46226C	N HAZ/LV	185-38982	20.44
12/02/93	BFC	NY45081T	N HAZ/LV	186-38983	21.65
12/02/93	BFC	NY38170B	N HAZ/LV	187-38984	24.14
12/02/93	PARISO	NY86437Z	N HAZ/LV	188-38945	20.88
12/02/93	US BULK	PATV37206	N HAZ/LV	189-38986	22.93
12/02/93	US BULK	PATY38648	N HAZ/LV	190-38987	25.89
12/02/93	US BULK	PATV68173	N HAZ/LV	191-38988	24.64
12/02/93	PARISO	NY81644Z	N HAZ/LV	192-38989	20.60
12/02/93	PARISO	NY46241C	N HAZ/LV	193-38990	20.11
12/02/93	BFC	NY43701T	N HAZ/LV	194-38998	22.40
12/02/93	BFC	NY45079T	N HAZ/LV	195-38992	23.27
12/02/93	BFC	NY45079T	N HAZ/LV	196-38993	24.07
12/02/93	PAGE	VACT32165	N HAZ/LV	197-38994	23.77
12/02/93	BFC	NY54795D	N HAZ/LV	198-38995	21.87
12/02/93	PARISO	NY46226C	N HAZ/LV	199-38996	20.91
12/02/93	US BULK	PATV37206	N HAZ/LV	200-38997	22.33
12/02/93	US BULK	PATV68173	N HAZ/LV	201-88998	24.75
12/02/93	US BULK	PATY34648	N HAZ/LV	202-38999	25.39
12/03/93	PARISO	NY86441Z	N HAZ/LV	203-39000	19.16
12/03/93	PARISO	NY28326A	N HAZ/LV	204-39001	21.38
12/03/93	PARISO	NY86444Z	N HAZ/LV	205-38981	19.50
12/03/93	PARISO	NY86437Z	N HAZ/LV	206-38980	19.95
12/03/93	BFC	NY55327D	N HAZ/LV	207-38005	19.81
12/03/93	US BULK	PATV37206	N HAZ/LV	208-39004	23.25
12/03/93	US BULK	PATY38648	N HAZ/LV	209-39003	20.53
12/03/93	US BULK	PATV68173	N HAZ/LV	210-39002	24.37
12/03/93	PARISO	NY46226C	N HAZ/LV	211-39006	18.24

Table C-1
Non-Hazardous Soil And Debris Manifests
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
12/06/93	PARISO	NY28326A	N HAZ/LV	212-39007	21.69
12/06/93	PARISO	NY86437Z	N HAZ/LV	213-39008	19.53
12/06/93	US BULK	PATV37206	N HAZ/LV	214-39009	23.47
12/06/93	US BULK	PATV68173	N HAZ/LV	215-39010	23.60
12/06/93	BFC	NY55251D	N HAZ/LV	216-39011	24.14
12/06/93	BFC	NY86403D	N HAZ/LV	217-39012	24.28
12/06/93	PARISO	NY86437Z	N HAZ/LV	218-39013	22.80
12/07/93	PARISO	NYPN4380	N HAZ/LV	219-39014	20.29
12/07/93	PARISO	NYCK4815	N HAZ/LV	220-36883	18.47
12/07/93	PARISO	NYDY1796	N HAZ/LV	221-36884	23.14
12/07/93	PARISO	NYGA8699	N HAZ/LV	222-36885	21.81
12/07/93	PARISO	NYIE6455	N HAZ/LV	223-36886	22.66
12/07/93	PARISO	NYGA8697	N HAZ/LV	224-36887	20.61
12/07/93	PARISO	NYDY1780	N HAZ/LV	225-36888	22.65
12/07/93	PARISO	NY86437Z	N HAZ/LV	226-36889	22.43
12/07/93	PARISO	NY46226C	N HAZ/LV	227-36890	22.96
12/07/93	PARISO	NYGA8697	N HAZ/LV	228-36891	22.31
12/07/93	PARISO	NYDY1780	N HAZ/LV	229-36892	22.09
12/07/93	PARISO	NYIE6455	N HAZ/LV	230-36893	22.58
12/08/93	PARISO	NY86444Z	N HAZ/LV	231-36894	20.67
12/08/93	PARISO	NY86441Z	N HAZ/LV	232-36895	19.54
12/08/93	PARISO	NY46226C	N HAZ/LV	233-36896	19.14
12/08/93	PARISO	NY46214C	N HAZ/LV	234-36897	17.92
12/08/93	PARISO	NY28326A	N HAZ/LV	235-36898	16.88
12/08/93	PARISO	NY86437Z	N HAZ/LV	236-36899	19.80
12/08/93	PARISO	NYPP8638	N HAZ/LV	237-36882	20.92
12/08/93	PARISO	NYPP8644	N HAZ/LV	238-36800	21.32
12/08/93	PARISO	NYPP8640	N HAZ/LV	239-36881	21.04
12/08/93	US BULK	PATV44070	N HAZ/LV	240-36873	21.88
12/08/93	PARISO	NY25732F	N HAZ/LV	241-36874	19.30
12/08/93	US BULK	NY14760G	N HAZ/LV	242-36875	20.50
12/08/93	PARISO	NY86444Z	N HAZ/LV	243-36870	19.96
12/08/93	PARISO	NY46241C	N HAZ/LV	244-36877	19.02
12/08/93	PARISO	NY-46226C	N HAZ/LV	245-36878	16.00
12/08/93	PARISO	NY28326A	N HAZ/LV	246-36879	18.85
12/09/93	PARISO	NY86437Z	N HAZ/LV	247-36880	19.36
12/09/93	PARISO	NY8441Z	N HAZ/LV	248-36864	18.49
12/09/93	BFC	NY69658E	N HAZ/LV	249-36885	20.93
12/09/93	US BULK	PATY38648	N HAZ/LV	250-36866	22.38
12/09/93	US BULK	PATV68173	N HAZ/LV	251-36867	22.63
12/09/93	US BULK	PATV37206	N HAZ/LV	252-36868	21.85
12/09/93	US BULK	NY25732F	N HAZ/LV	254-36870	21.92
12/09/93	US BULK	NY147609	N HAZ/LV	255-36840	24.34
12/09/93	BFC	NY45083T	N HAZ/LV	256-36872	19.05
12/09/93	PARISO	NY86444Z	N HAZ/LV	257-36855	17.28
12/09/93	PARISO	NY46226C	N HAZ/LV	258-36856	18.62
12/09/93	PARISO	NY28326A	N HAZ/LV	259-36857	19.00
12/09/93	BFC	PA72743E	N HAZ/LV	260-36858	17.00
12/09/93	PARISO	NY46241C	N HAZ/LV	261-36859	16.51

Table C-1
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 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
12/09/93	PARISO	NY86437Z	N HAZ/LV	262-36860	22.33
12/09/93	PARISO	NY81441Z	N HAZ/LV	263-36861	19.09
12/09/93	US BULK	PATV37206	N HAZ/LV	264-36862	22.42
12/09/93	US BULK	PATV68173	N HAZ/LV	265-36863	26.95
12/09/93	US BULK	PATY38648	N HAZ/LV	266-39021	23.18
12/10/93	PARISO	NY28326A	N HAZ/LV	267-39022	18.16
12/10/93	PARISO	NY86444Z	N HAZ/LV	268-39023	19.36
12/10/93	PARISO	NY46226C	N HAZ/LV	269-39024	19.95
12/10/93	BFC	NY99119C	N HAZ/LV	253-36854	24.44
12/10/93	BFC	PAXA08344	N HAZ/LV	270-39025	24.19
12/10/93	PARISO	NY86432Z	N HAZ/LV	271-39026	21.24
12/13/93	PARISO	NYPP8641	N HAZ/LV	272-39027	22.62
12/13/93	PARISO	NYPP8642	N HAZ/LV	273-39028	19.24
12/13/93	PARISO	NYPP8640	N HAZ/LV	274-39029	22.47
12/13/93	PARISO	NY86437Z	N HAZ/LV	275-39030	20.94
12/13/93	PARISO	NY28326A	N HAZ/LV	276-39031	19.58
12/13/93	PARISO	NY86444Z	N HAZ/LV	277-39032	17.33
12/13/93	PARISO	NY86441Z	N HAZ/LV	278-39260	19.11
12/13/93	BFC	NY45092T	N HAZ/LV	279-39261	21.69
12/13/93	BFC	NY99119C	N HAZ/LV	280-39207	22.11
12/13/93	BFC	NY55250D	N HAZ/LV	281-39208	22.74
12/13/93	BFC	NY38171B	N HAZ/LV	282-39209	22.77
12/13/93	BFC	NY80724V	N HAZ/LV	283-39210	20.56
12/13/93	PARISO	NYPP8631	N HAZ/LV	284-39211	18.68
12/13/93	BFC	NY54799D	N HAZ/LV	285-39212	20.26
12/13/93	BFC	NY55329D	N HAZ/LV	286-39213	19.46
12/13/93	PARISO	NYPP8640	N HAZ/LV	287-39214	11.85
12/13/93	PARISO	NYPP8642	N HAZ/LV	288-39383	20.67
12/13/93	US BULK	PATV37206	N HAZ/LV	289-39384	20.35
12/13/93	PARISO	NYPP8641	N HAZ/LV	290-39385	19.80
12/13/93	US BULK	PATV68173	N HAZ/LV	291-39386	23.68
12/13/93	PARISO	NY86437Z	N HAZ/LV	292-39387	19.38
12/13/93	PARISO	NY28326A	N HAZ/LV	293-39388	17.67
12/13/93	PARISO	NY86441Z	N HAZ/LV	294-39389	20.98
12/14/93	ROHER	PATZ75204	N HAZ/LV	295-39390	18.63
12/14/93	ROHER	PATV46189	N HAZ/LV	296-41201	18.19
12/14/93	US BULK	NY25732F	N HAZ/LV	297-41202	21.39
12/14/93	US BULK	NY14760G	N HAZ/LV	298-41203	21.71
12/14/93	US BULK	PATV37206	N HAZ/LV	299-41204	21.86
12/14/93	US BULK	PATY68173	N HAZ/LV	300-41205	22.39
12/14/93	PARISO	NY86444Z	N HAZ/LV	301-41206	16.59
12/14/93	PARISO	NYPP8643	N HAZ/LV	302-41207	16.80
12/14/93	PARISO	NYPP8638	N HAZ/LV	303-41208	19.02
12/14/93	BFC	NY38171B	N HAZ/LV	304-41209	19.93
12/14/93	BFC	NY80724V	N HAZ/LV	305-41210	19.98
12/14/93	US BULK	PATS35490	N HAZ/LV	306-41211	21.72
12/14/93	BFC	NY54799D	N HAZ/LV	307-41212	20.01
12/14/93	BFC	NY85901D	N HAZ/LV	308-41213	19.06

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 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
12/14/93	PARISO	NYPP8642	N HAZ/LV	309-41214	14.83
12/14/93	PARISO	NYPP6841	N HAZ/LV	310-41215	18.49
12/14/93	PARISO	NYPP8640	N HAZ/LV	311-41224	20.26
12/14/93	PARISO	NY864412	N HAZ/LV	312-41225	19.71
12/14/93	PARISO	NY86439Z	N HAZ/LV	313-41226	17.88
12/14/93	US BULK	NY25732F	N HAZ/LV	314-41101	27.36
12/14/93	BFC	NY85903D	N HAZ/LV	315-41102	20.61
12/14/93	US BULK	NY14760G	N HAZ/LV	316-41103	30.45
12/14/93	PARISO	NYPP8639	N HAZ/LV	317-41104	22.62
12/14/93	ROHER	PATZ75204	N HAZ/LV	318-41105	16.71
12/14/93	ROHER	PAVT66189	N HAZ/LV	319-41106	18.52
12/14/93	US BULK	PATV37206	N HAZ/LV	320-41107	21.17
12/14/93	US BULK	PATV68173	N HAZ/LV	321-41108	21.14
12/14/93	US BULK	PATS35490	N HAZ/LV	322-41109	25.99
12/15/93	BFC	NY45084T	N HAZ/LV	323-41110	21.36
12/15/93	PARISO	NY86437Z	N HAZ/LV	324-41111	17.08
12/15/93	PARISO	NYPP8645	N HAZ/LV	325-41112	20.21
12/15/93	PARISO	NY86441Z	N HAZ/LV	326-41113	16.05
12/15/93	BFC	NY45080T	N HAZ/LV	327-41114	23.63
12/15/93	PARISO	NYPP8643	N HAZ/LV	328-41115	22.17
12/15/93	PARISO	NYPP8644	N HAZ/LV	329-41116	18.71
12/15/93	BFC	NY38171B	N HAZ/LV	330-41117	20.39
12/15/93	US BULK	PATV37206	N HAZ/LV	331-41118	21.75
12/15/93	US BULK	PATV68173	N HAZ/LV	332-41119	24.19
12/15/93	US BULK	PATS35490	N HAZ/LV	334-411121	23.79
12/15/93	US BULK	NY25732F	N HAZ/LV	335-41122	18.34
12/15/93	PARISO	NYPP8638	N HAZ/LV	336-41123	17.95
12/15/93	US BULK	NY147609	N HAZ/LV	337-41124	19.89
12/15/93	ROHER	PATZ75204	N HAZ/LV	338-41125	22.39
12/15/93	ROHER	PATV46189	N HAZ/LV	333-41120	22.89
12/15/93	PARISO	NYPP8645	N HAZ/LV	339-41126	18.01
12/15/93	PARISO	NY86441Z	N HAZ/LV	340-41127	17.49
12/15/93	PARISO	NY46226C	N HAZ/LV	341-41128	17.26
12/15/93	PARISO	NY86444Z	N HAZ/LV	342-41129	15.21
12/15/93	PARISO	NYPP8644	N HAZ/LV	343-41130	15.99
12/15/93	US BULK	PATV37206	N HAZ/LV	345-41157	21.47
12/15/93	US BULK	PATV68173	N HAZ/LV	346-41158	21.77
12/15/93	PARISO	NYPP8643	N HAZ/LV	347-41159	17.51
12/16/93	US BULK	PATS35490	N HAZ/LV	348-41160	29.69
12/16/93	US BULK	NY25732F	N HAZ/LV	349-41161	22.68
12/16/93	US BULK	NY14760G	N HAZ/LV	350-41162	24.20
12/16/93	PARISO	NYPP8641	N HAZ/LV	351-41163	17.09
12/16/93	PARISO	NYPP8642	N HAZ/LV	352-41164	19.81
12/16/93	PARISO	NYPP8640	N HAZ/LV	353-41165	21.55
12/16/93	PARISO	NYPP8638	N HAZ/LV	354-41166	19.71

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 New York State Department Of Environmental Conservation
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12/17/93	US BULK	PATV68173	N HAZ/LV	355-41167	21.00
12/17/93	US BULK	PATV37206	N HAZ/LV	356-41131	23.54
12/17/93	PARISO	NYPP8642	N HAZ/LV	357-41132	19.01
12/17/93	US BULK	NY25732F	N HAZ/LV	358-41133	26.61
12/17/93	PARISO	NYPP8640	N HAZ/LV	359-41134	18.67
12/17/93	PARISO	NYPP8643	N HAZ/LV	360-41135	20.13
12/17/93	PARISO	NYPP8639	N HAZ/LV	361-41136	20.40
12/17/93	PARISO	NYPP8645	N HAZ/LV	362-41137	19.01
12/17/93	PARISO	NYDY1780	N HAZ/LV	363-41138	20.35
12/28/93	ROHER	PATZ75201	N HAZ/LV	364-41139	23.28
12/28/93	BFC	NY55326D	N HAZ/LV	365-41140	22.53
12/28/93	BFC	NY69660E	N HAZ/LV	366-41141	18.92
12/28/93	BFC	NY60915S	N HAZ/LV	367-41142	25.19
12/28/93	BFC	NY45093T	N HAZ/LV	368-41143	23.59
12/28/93	US BULK	PATV37206	N HAZ/LV	369-41144	22.03
12/28/93	US BULK	NY33290F	N HAZ/LV	370-41145	20.47
12/29/93	US BULK	PATV68173	N HAZ/LV	371-41146	22.12
12/29/93	US BULK	NY25432F	N HAZ/LV	372-41147	22.85
12/29/93	US BULK	NY14760G	N HAZ/LV	373-41148	23.43
12/29/93	ROHER	PATV46189	N HAZ/LV	374-41149	19.03
12/29/93	US BULK	PATV39206	N HAZ/LV	375-41150	22.04
12/29/93	US BULK	PATV37206	N HAZ/LV	375-41150	22.04
12/29/93	US BULK	NY33290F	N HAZ/LV	376-41151	22.41
12/29/93	BFC	NY45084T	N HAZ/LV	377-41152	21.21
12/29/93	BFC	NY45095T	N HAZ/LV	378-41153	22.53
12/29/93	BFC	NY95083T	N HAZ/LV	379-41154	20.15
12/29/93	ROHER	PATW0742	N HAZ/LV	380-41155	23.55
12/29/93	US BULK	PATV68173	N HAZ/LV	381-41156	29.09
12/29/93	BFC	NY38171B	N HAZ/LV	382-41168	21.82
12/29/93	BFC	NY45080T	N HAZ/LV	383-41169	22.19
12/29/93	BFC	NY44613C	N HAZ/LV	384-41170	21.26
12/29/93	US BULK	PATV37206	N HAZ/LV	385-41171	25.53
12/30/93	BFC	NY81647U	N HAZ/LV	386-41172	15.33
12/30/93	BFC	NY85900D	N HAZ/LV	387-41173	19.30
12/30/93	BFC	NY55329D	N HAZ/LV	388-41174	20.98
12/29/93	US BULK	PATV44070	N HAZ/LV	389-41175	22.09
12/30/93	BFC	NY45096T	N HAZ/LV	390-41176	20.20
12/30/93	BFC	NY45098T	N HAZ/LV	391-41177	20.15
12/30/93	BFC	NY85905D	N HAZ/LV	392-41178	20.27
12/30/93	ROHER	PATV46189	N HAZ/LV	393-41179	14.83
12/30/93	US BULK	PATV68173	N HAZ/LV	394-41180	21.17
12/30/93	US BULK	PAXA13749	N HAZ/LV	395-41181	23.24
12/31/93	US BULK	NY33290F	N HAZ/LV	396-41182	22.53
12/31/93	US BULK	PATV37206	N HAZ/LV	397-41183	22.74
12/31/93	US BULK	PATV61173	N HAZ/LV	398-41184	23.46
12/31/93	US BULK	PAXA13749	N HAZ/LV	399-41185	22.00

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01/03/94	US BULK	PATV37206	N HAZ/LV	400-41186	19.60
01/03/94	US BULK	PATV68173	N HAZ/LV	401-41187	22.80
01/03/94	US BULK	PAXA13749	N HAZ/LV	402-41188	24.14
01/03/94	US BULK	NY33290F	N HAZ/LV	403-41189	21.68
01/03/94	US BULK	NY14760G	N HAZ/LV	404-41190	16.00
01/03/94	US BULK	PATV37206	N HAZ/LV	405-41191	23.25
01/03/94	US BULK	PATV68173	N HAZ/LV	406-41192	24.36
01/03/94	US BULK	PATP41134	N HAZ/LV	407-41193	23.16
01/04/94	US BULK	NY33290F	N HAZ/LV	408-41194	20.20
01/04/94	US BULK	PATS35490	N HAZ/LV	409-41195	23.59
01/04/94	US BULK	BHT175HE	N HAZ/LV	410-41196	33.70
01/10/94	US BULK	NY33290F	N HAZ/LV	411-41197	20.46
01/10/94	US BULK	PATV37206	N HAZ/LV	412-41198	21.77
01/10/94	US BULK	NY33290F	N HAZ/LV	413-41199	24.50
01/11/94	US BULK	PATV37206	N HAZ/LV	414-41200	22.91
01/11/94	US BULK	PATY38648	N HAZ/LV	415-41216	19.58
01/11/94	US BULK	NY33290F	N HAZ/LV	416-41217	20.86
01/11/94	US BULK	PATV68173	N HAZ/LV	417-41218	20.87
01/11/94	US BULK	PATS35490	N HAZ/LV	418-41219	25.15
01/11/94	US BULK	PATP71134	N HAZ/LV	419-41220	20.76
01/11/94	US BULK	PATG51446	N HAZ/LV	420-41221	22.56
01/11/94	US BULK	NY33290F	N HAZ/LV	421-41222	22.21
01/11/94	US BULK	PATY38648	N HAZ/LV	422-41223	17.08
01/11/94	US BULK	PATV34206	N HAZ/LV	423-41227	24.73
01/11/94	US BULK	PATV68173	N HAZ/LV	424-41228	23.98
01/11/94	US BULK	PATS35440	N HAZ/LV	425-41129	22.70
01/12/94	US BULK	PATY38648	N HAZ/LV	426-41230	22.25
01/12/94	US BULK	PATV37206	N HAZ/LV	427-41231	23.98
01/12/94	US BULK	PATS35490	N HAZ/LV	428-41232	23.56
01/12/94	US BULK	PATV68173	N HAZ/LV	429-41233	21.92
01/12/94	US BULK	PATV37206	N HAZ/LV	430-41234	24.08
01/12/94	US BULK	PATS35490	N HAZ/LV	431-41235	26.75
01/12/94	US BULK	PATV68173	N HAZ/LV	432-41236	25.84
01/12/94	US BULK	PATY38648	N HAZ/LV	433-41237	21.80
01/13/94	US BULK	PATY38648	N HAZ/LV	434-41238	22.32
01/13/94	US BULK	PATV37206	N HAZ/LV	435-41239	24.77
01/13/94	US BULK	PATV68173	N HAZ/LV	436-41240	22.42
01/13/94	US BULK	PATS35490	N HAZ/LV	437-41241	23.83
01/13/94	US BULK	PATV68173	N HAZ/LV	438-41242	26.13
01/13/94	US BULK	PATY38648	N HAZ/LV	439-41243	23.84
01/13/94	US BULK	PATS35490	N HAZ/LV	440-41245	23.52
01/13/94	US BULK	PATV37206	N HAZ/LV	441-41246	23.75
01/14/94	US BULK	PATP42371	N HAZ/LV	442-41247	23.08
01/14/94	US BULK	PAXA15749	N HAZ/LV	443-41248	25.42
01/14/94	US BULK	PATV68173	N HAZ/LV	444-41249	25.53
01/14/94	US BULK	PATY37206	N HAZ/LV	445-41250	32.63

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 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date</i>	<i>Hauling Company</i>	<i>Truck ID #/ Trailer ID #</i>	<i>Media Type/ Destination</i>	<i>Manifest #</i>	<i>Payload (Tons)</i>
01/17/94	US BULK	PAXA13749	N HAZ/LV	446-41251	25.20
01/17/94	US BULK	PATV37206	N HAZ/LV	447-41252	23.57
01/17/94	US BULK	PATV68173	N HAZ/LV	448-41253	22.36
01/17/94	US BULK	PAXA13749	N HAZ/LV	449-41254	28.54
01/17/94	US BULK	PATV37206	N HAZ/LV	450-41255	24.33
01/17/94	US BULK	PATV68173	N HAZ/LV	451-41256	23.68
01/18/94	US BULK	PATV37206	N HAZ/LV	452-41257	23.09
01/18/94	US BULK	PATV68173	N HAZ/LV	453-41262	26.09
01/18/94	US BULK	PAXA13749	N HAZ/LV	454-41263	22.93
01/19/94	US BULK	PATV37206	N HAZ/LV	455-41264	24.22
01/19/94	US BULK	PATV68173	N HAZ/LV	456-41265	25.61
01/19/94	US BULK	PATS34590	N HAZ/LV	457-41266	25.20
01/19/94	US BULK	PATY38648	N HAZ/LV	458-41267	21.04
01/21/94	US BULK	PATV3720C	N HAZ/LV	459-41268	23.73
01/21/94	US BULK	PATV68173	N HAZ/LV	460-41269	26.34
01/21/94	US BULK	PATY38648	N HAZ/LV	461-41270	22.00
01/21/94	US BULK	PATS34590	N HAZ/LV	462-41271	21.69
01/21/94	BFC	NY72745E	N HAZ/LV	463-41273	19.43
01/21/94	US BULK	PATV37206	N HAZ/LV	464-41274	22.52
01/21/94	US BULK	PATY38648	N HAZ/LV	465-41276	19.24
01/21/94	US BULK	PATV68173	N HAZ/LV	466-41277	20.61
01/21/94	US BULK	PATS34590	N HAZ/LV	467-41278	25.66
01/24/94	US BULK	PATV37206	N HAZ/LV	468-41280	24.02
01/24/94	US BULK	PATV68173	N HAZ/LV	469-41281	19.92
01/24/94	US BULK	PATS34590	N HAZ/LV	470-41282	20.05
01/24/94	US BULK	PATS34590	N HAZ/LV	471-41283	24.35
01/24/94	US BULK	PATV68173	N HAZ/LV	472-41284	25.09
01/24/94	US BULK	PATV37206	N HAZ/LV	473-41285	24.11
01/25/94	US BULK	PATS34590	N HAZ/LV	474-41286	25.74
01/25/94	US BULK	PATV37206	N HAZ/LV	475-41287	20.06
01/25/94	US BULK	PATV68173	N HAZ/LV	476-41288	22.74
01/26/94	US BULK	PATY38148	N HAZ/LV	477-41289	18.71
01/26/94	US BULK	PATV37206	N HAZ/LV	478-41290	20.81
01/27/94	US BULK	PATV37206	N HAZ/LV	479-41292	23.84

Total Non-Hazardous Soil And Debris = 10,707.81

ABBREVIATIONS:

AWM - Asbestos Waste Material
 BFC - Buffalo Fuel Corp.
 CHAM - Chambers Brothers Trucking
 CID - CID Trucking
 CIDL - CID Landfill
 HA - High Acres Landfill
 LV - Lakeview Landfill
 PAGE - Page Etc Trucking
 PARISO - Pariso Trucking
 ROHER - Roher Trucking
 US BULK - US Bulk Trucking

Appendix D

Air Monitoring/Sampling Results

- D-1 Asbestos Personal Monitoring Results
- D-2 Asbestos Documentation Monitoring Results
- D-3 PCB Volatilized Documentation Sampling Results
- D-4 PCB Volatilized Personal Sampling Results
- D-5 Hydrocarbon (TOV) Documentation Sampling Results
- D-6 Hydrocarbon (TOV) Personal Sampling Results
- D-7 Total Dust Documentation Sampling Results
- D-8 Total Dust Personal Sampling Results

D-1
Asbestos Personal Monitoring Results

Table D-1
Asbestos Personal Monitoring Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results</i>
A-0903-01	GOULD	09/03/93	CL	PCM 7400	09/15/93 < 7 FPM ²
A-0907-02	GOULD	09/07/93	CL	PCM 7400	09/15/93 < 7 FPM ²
A-0908-03	GOULD	09/08/93	CL	PCM 7400	09/15/93 < 7 FPM ²
A-0909-04	GOULD	09/09/93	CL	PCM 7400	09/15/93 < 7 FPM ²
A-0913-05	GOULD	09/13/93	CL	PCM 7400	09/25/93 < 7 FPM ²
A-0915-06	GOULD	09/15/93	CL	PCM 7400	09/25/93 < 7 FPM ²
A-0916-07	GOULD	09/16/93	CL	PCM 7400	09/25/93 < 7 FPM ²
A-0917-08	GOULD	09/17/93	CL	PCM 7400	09/25/93 < 7 FPM ²
A-0920-09	GOULD	09/20/93	CL	PCM 7400	09/25/93 < 7 FPM ²
A-0921-10	GOULD	09/21/93	CL	PCM 7400	09/25/93 < 7 FPM ²
A-0922-11	GOULD	09/22/93	CL	PCM 7400	09/25/93 < 7 FPM ²
A-0923-12	SURDYK	09/23/93	CL	PCM 7400	09/25/93 < 7 FPM ²
A-0924-13	GOULD	09/24/93	CL	PCM 7400	Data Lost
A-0927-14	SURDYK	09/27/93	CL	PCM 7400	10/07/93 < 7 FPM ²
A-0928-15	GOULD	09/28/93	CL	PCM 7400	Data Lost
A-0929-16	GOULD	09/29/93	CL	PCM 7400	10/07/93 < 7 FPM ²
A-0930-17	GOULD	09/30/93	CL	PCM 7400	10/07/93 < 7 FPM ²
A-1001-18	GOULD	10/01/93	CL	PCM 7400	10/07/93 < 7 FPM ²
A-1004-19	SURDYK	10/04/93	CL	PCM 7400	10/13/93 < 7 FPM ²
A-1005-20	GOULD	10/05/93	CL	PCM 7400	10/13/93 < 7 FPM ²
A-1006-21	GOULD	10/06/93	CL	PCM 7400	10/13/93 < 7 FPM ²
A-1007-22	GOULD	10/07/93	CL	PCM 7400	10/13/93 < 7 FPM ²
A-1008-23	GOULD	10/08/93	CL	PCM 7400	10/13/93 < 7 FPM ²
A-1011-24	GOULD	10/11/93	CL	PCM 7400	10/18/93 < 7 FPM ²
A-1012-25	SEITTER	10/12/93	CL	PCM 7400	10/18/93 8.3 FPM ²
A-1013-26	SEITTER	10/13/93	CL	PCM 7400	10/18/93 < 7 FPM ²
A-1014-27	SURDYK	10/14/93	CL	PCM 7400	10/18/93 < 7 FPM ²
A-1015-28	GOULD	10/15/93	CL	PCM 7400	10/18/93 < 7 FPM ²
A-1018-29	GOULD	10/18/93	CL	PCM 7400	11/02/93 8.9 FPM ²
A-1019-30	TITUS	10/19/93	CL	PCM 7400	11/02/93 < 7 FPM ²
A-1020-31	TITUS	10/20/93	CL	PCM 7400	11/02/93 < 7 FPM ²
A-1021-32	TITUS	10/21/93	CL	PCM 7400	11/02/93 < 7 FPM ²
A-1022-33	SEITTER	10/22/93	CL	PCM 7400	11/02/93 < 7 FPM ²
A-1025-34	TITUS	10/25/93	CL	PCM 7400	01/20/94 < 7 FPM ²
A-1026-35	SEITTER	10/26/93	CL	PCM 7400	01/20/94 < 7 FPM ²
A-1027-36	TITUS	10/27/93	CL	PCM 7400	01/20/94 < 7 FPM ²
A-1028-37	TITUS	10/28/93	CL	PCM 7400	01/20/94 < 7 FPM ²
A-1029-38	SEITTER	10/29/93	CL	PCM 7400	01/20/94 < 7 FPM ²
A-1101-39	SURDYK	11/01/93	CL	PCM 7400	11/09/93 < 7 FPM ²
A-1102-40	TITUS	11/02/93	CL	PCM 7400	11/09/93 < 7 FPM ²
A-1103-41	SEITTER	11/03/93	CL	PCM 7400	11/09/93 < 7 FPM ²
A-1104-42	SURDYK	11/04/93	CL	PCM 7400	11/09/93 < 7 FPM ²
A-1105-43	SEITTER	11/05/93	CL	PCM 7400	11/09/93 < 7 FPM ²
A-1108-44	SEITTER	11/08/93	CL	PCM 7400	11/16/93 < 7 FPM ²
A-1109-45	GARTIOR	11/09/93	CL	PCM 7400	11/16/93 < 7 FPM ²
A-1110-46	SEITTER	11/10/93	CL	PCM 7400	11/16/93 < 7 FPM ²
A-1111-47	SEITTER	11/11/93	CL	PCM 7400	11/16/93 < 7 FPM ²

Table D-1
Asbestos Personal Monitoring Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results</i>
A-1112-48	SURDYK	11/12/93	CL	PCM 7400	11/16/93 < 7 FPM ²
A-1115-49	CARTWRIGHT	11/15/93	CL	PCM 7400	11/19/93 < 7 FPM ²
A-1116-50	SURDYK	11/16/93	CL	PCM 7400	12/01/93 < 7 FPM ²
A-1117-51	SURDYK	11/17/93	CL	PCM 7400	12/01/93 < 7 FPM ²
A-1118-52	SURDYK	11/18/93	CL	PCM 7400	12/01/93 < 7 FPM ²
A-1119-53	SURDYK	11/19/93	CL	PCM 7400	12/01/93 < 7 FPM ²
A-1122-54	SURDYK	11/22/93	CL	PCM 7400	N/A
A-1123-55	SEITTER	11/28/93	CL	PCM 7400	12/01/93 < 7 FPM ²
A-1124-56	SURDYK	11/24/93	CL	PCM 7400	12/01/93 < 7 FPM ²
A-1126-57	SURDYK	11/26/93	CL	PCM 7400	12/01/93 < 7 FPM ²
A-1129-58	SEITTER	11/29/93	CL	PCM 7400	12/01/93 < 7 FPM ²
A-1130-59	SURDYK	11/30/93	CL	PCM 7400	12/02/93 < 7 FPM ²
A-1201-60	SEITTER	12/01/93	CL	PCM 7400	01/20/94 < 7 FPM ²
A-1202-61	SEITTER	12/02/93	CL	PCM 7400	01/20/94 < 7 FPM ²
A-1203-62	SURDYK	12/03/93	CL	PCM 7400	01/20/94 < 7 FPM ²
A-1206-63	SURDYK	12/06/93	CL	PCM 7400	01/20/94 < 7 FPM ²
A-1207-64	LOCAWAY	12/07/93	CL	PCM 7400	01/20/94 < 7 FPM ²

ABBREVIATIONS:

CL - Chopra Lee
 N/A - Not Available

D-2

Asbestos Documentation Monitoring Results

PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
43559YP	219-1001-175	10/1/93	CC. Southwest of site Outside Work Area Environmental	0.7850	902.0	<7.0*	<0.0030*
43560YP	219-1001-176	10/1/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	926.0	7.6	0.0032
43561YP	219-1001-177	10/1/93	P. Waste out Outside Work Area Environmental	0.7850	922.0	<7.0*	<0.0029*
43562YP	219-1001-178	10/1/93	F. North of work area Outside Work Area Environmental	0.7850	922.0	<7.0*	<0.0029*
43563YP	219-1001-179	10/1/93	H. NE of work area Outside Work Area Environmental	0.7850	922.0	<7.0*	<0.0029*
43564YP	219-1001-180	10/1/93	EE. In work area Inside Work Area Environmental	0.7850	910.0	<7.0*	<0.0030*
43565YP	219-1001-181	10/1/93	Blank	0.7850	0	<7.0*	-
43566YP	219-1001-182	10/1/93	Blank	0.7850	0	<7.0*	-
43567YP	219-1004-183	10/4/93	CC. Southwest of site Outside Work Area Environmental	0.7850	996.0	<7.0*	<0.0027*
43568YP	219-1004-184	10/4/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	992.0	<7.0*	<0.0027*
43569YP	219-1004-185	10/4/93	P. Waste out Outside Work Area Environmental	0.7850	992.0	<7.0*	<0.0027*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Thursday, October 7, 1993

Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
Telefax 716-773-7624

PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
43570YP	219-1004-186	10/4/93	F. North of work area Outside Work Area Environmental	0.7850	992.0	<7.0*	<0.0027*
43571YP	219-1004-187	10/4/93	H. Northeast of work area Outside Work Area Environmental	0.7850	994.0	<7.0*	<0.0027*
43572YP	219-1004-188	10/4/93	EE. In work area Inside Work Area Environmental	0.7850	936.0	<7.0*	<0.0029*
43573YP	219-1004-189	10/4/93	Blank	0.7850	0	<7.0*	-
43574YP	219-1004-190	10/4/93	Blank	0.7850	0	<7.0*	-
43575YP	219-1005-191	10/5/93	CC. Southwest of site Outside Work Area Environmental	0.7850	898.0	<7.0*	<0.0030*
43576YP	219-1005-192	10/5/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	880.0	<7.0*	<0.0031*
43577YP	219-1005-193	10/5/93	P. Waste out Outside Work Area Environmental	0.7850	868.0	<7.0*	<0.0031*
43578YP	219-1005-194	10/5/93	F. North of work area Outside Work Area Environmental	0.7850	866.0	<7.0*	<0.0031*
43579YP	219-1005-195	10/5/93	H. NE of work area Outside Work Area Environmental	0.7850	864.0	<7.0*	<0.0031*
43580YP	219-1005-196	10/5/93	EE. In work area Inside Work Area Environmental	0.7850	844.0	<7.0*	<0.0032*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Thursday, October 7, 1993

Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
Telefax 716-773-7624

PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
43581YP	219-1005-197	10/5/93	Blank	0.7850	0	<7.0*	-
43582YP	219-1005-198	10/5/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

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Date

Thursday, October 7, 1993

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Grand Island, NY 14072

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
44021YP	219-1006-199	10/6/93	CC. SW of Site Outside Work Area Environmental	0.7850	1326.0	<7.0*	<0.0020*
44022YP	219-1006-200	10/6/93	DD. Decon Ent/exit Outside Work Area Environmental	0.7850	1330.0	10.8	0.0031
44023YP	219-1006-201	10/6/93	P. Waste Out Outside Work Area Environmental	0.7850	1330.0	<7.0*	<0.0020*
44024YP	219-1006-202	10/6/93	F. N of Work Area Outside Work Area Environmental	0.7850	1330.0	<7.0*	<0.0020*
44025YP	219-1006-203	10/6/93	H. NE of Work Area Outside Work Area Environmental	0.7850	1330.0	<7.0*	<0.0020*
44026YP	219-1006-204	10/6/93	EE. In Work Area Inside Work Area Environmental	0.7850	1330.0	<7.0*	<0.0020*
44027YP	219-1006-205	10/6/93	Blank	0.7850	0	<7.0*	-
44028YP	219-1006-206	10/6/93	Blank	0.7850	0	<7.0*	-
44029YP	219-1007-207	10/7/93	CC. SW of Site Outside Work Area Environmental	0.7850	1280.0	<7.0*	<0.0021*
44030YP	219-1007-208	10/7/93	DD. Decon Ent/Exit Outside Work Area Environmental	0.7850	1280.0	<7.0*	<0.0021*
44031YP	219-1007-209	10/7/93	P. Waste Out Outside Work Area Environmental	0.7850	1280.0	<7.0*	<0.0021*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Tuesday, October 12, 1993

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RJ Lee Group

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Grand Island, NY 14072

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
44043YP	219-1008-221	10/8/93	Blank	0.7850	0	<7.0*	-
44044YP	219-1008-222	10/8/93	Blank	0.7850	0	<7.0*	-

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Date

Tuesday, October 12, 1993

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
44032YP	219-1007-210	10/7/93	F. N of Work Area Outside Work Area Environmental	0.7850	1280.0	<7.0*	<0.0021*
44033YP	219-1007-211	10/7/93	H. NE of Work Area Outside Work Area Environmental	0.7850	1280.0	<7.0*	<0.0021*
44034YP	219-1007-212	10/7/93	EE. In Work Area Inside Work Area Environmental	0.7850	1280.0	<7.0*	<0.0021*
44035YP	219-1007-213	10/7/93	Blank	0.7850	0	<7.0*	-
44036YP	219-1007-214	10/7/93	Blank	0.7850	0	<7.0*	-
44037YP	219-1008-215	10/8/93	CC. SW of Site Outside Work Area Environmental	0.7850	910.0	<7.0*	<0.0030*
44038YP	219-1008-216	10/8/93	DD. Decon Ent/Exit Outside Work Area Environmental	0.7850	918.0	<7.0*	<0.0029*
44039YP	219-1008-217	10/8/93	P. Waste Out Outside Work Area Environmental	0.7850	920.0	<7.0*	<0.0029*
44040YP	219-1008-218	10/8/93	F. N of Work Area Outside Work Area Environmental	0.7850	920.0	<7.0*	<0.0029*
44041YP	219-1008-219	10/8/93	H. NE of Work Area Outside Work Area Environmental	0.7850	918.0	<7.0*	<0.0029*
44042YP	219-1008-220	10/8/93	EE. In Work Area Inside Work Area Environmental	0.7850	840.0	<7.0*	<0.0032*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Tuesday, October 12, 1993

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RJ Lee Group

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Grand Island, NY 14072

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
44043YP	219-1008-221	10/8/93	Blank	0.7850	0	<7.0*	-
44044YP	219-1008-222	10/8/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Tuesday, October 12, 1993

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Grand Island, NY 14072

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
44552YP	219-1011-223	10/11/93	CC. Southwest of site Outside Work Area Environmental	0.7850	966.0	<7.0*	<0.0028*
44553YP	219-1011-224	10/11/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	954.0	11.5	0.0046
44554YP	219-1011-225	10/11/93	P. Waste out Outside Work Area Environmental	0.7850	952.0	<7.0*	<0.0028*
44555YP	219-1011-226	10/11/93	F. North of work area Outside Work Area Environmental	0.7850	954.0	<7.0*	<0.0028*
44556YP	219-1011-227	10/11/93	H. Northeast of work area Outside Work Area Environmental	0.7850	952.0	<7.0*	<0.0028*
44557YP	219-1011-228	10/11/93	EE. In work area Inside Work Area Environmental	0.7850	952.0	<7.0*	<0.0028*
44558YP	219-1011-229	10/11/93	Blank	0.7850	0	<7.0*	-
44559YP	219-1011-230	10/11/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Wednesday, October 13, 1993

Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
Telefax 716-773-7624

PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Environmental	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
45205YP	219-1012-231	10/12/93	CC. SW of Site Outside Work Area	Environmental	0.7850	892.0	<7.0*	<0.0030*
45206YP	219-1012-232	10/12/93	DD. Decon Ent/Exit Outside Work Area	Environmental	0.7850	890.0	<7.0*	<0.0030*
45207YP	219-1012-233	10/12/93	P. Waste Out Outside Work Area	Environmental	0.7850	890.0	8.9	0.0039
45208YP	219-1012-234	10/12/93	F. N of Work Area Outside Work Area	Environmental	0.7850	890.0	<7.0*	<0.0030*
45209YP	219-1012-235	10/12/93	H. NE of Work Area Outside Work Area	Environmental	0.7850	890.0	<7.0*	<0.0030*
45210YP	219-1012-236	10/12/93	EE. In Work Area Inside Work Area	Environmental	0.7850	960.0	<7.0*	<0.0028*
45211YP	219-1012-237	10/12/93	Blank		0.7850	0	<7.0*	-
45212YP	219-1012-238	10/12/93	Blank		0.7850	0	<7.0*	-
45213YP	219-1013-239	10/12/93	CC. SW of Site Outside Work Area	Environmental	0.7850	990.0	<7.0*	<0.0027*
45214YP	219-1013-240	10/12/93	DD. Decon Ent/Exit Outside Work Area	Environmental	0.7850	992.0	<7.0*	<0.0027*
45215YP	219-1013-241	10/12/93	P. Waste Out Outside Work Area	Environmental	0.7850	992.0	<7.0*	<0.0027*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Monday, October 18, 1993

Chopra-Lee Inc.
RJ Lee Group

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
45216YP	219-1013-242	10/12/93	K. E of Work Area Outside Work Area Environmental	0.7850	986.0	<7.0*	<0.0027*
45217YP	219-1013-243	10/12/93	L. E of Work Area Outside Work Area Environmental	0.7850	986.0	<7.0*	<0.0027*
45218YP	219-1013-244	10/12/93	EE. In Work Area Inside Work Area Environmental	0.7850	940.0	<7.0*	<0.0029*
45219YP	219-1013-245	10/12/93	Blank	0.7850	0	<7.0*	-
45220YP	219-1013-246	10/12/93	Blank	0.7850	0	<7.0*	-
45221YP	219-1014-247	10/12/93	CC. SW of Site Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
45222YP	219-1014-248	10/12/93	DD. Decon Ent/Exit Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
45223YP	219-1014-249	10/12/93	P. Waste Out Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
45224YP	219-1014-250	10/12/93	K. E of Work Area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
45225YP	219-1014-251	10/12/93	L. E of Work Area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
45226YP	219-1014-252	10/12/93	EE. In Work Area Inside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
45227YP	219-1014-253	10/12/93	Blank	0.7850	0	<7.0*	-
45228YP	219-1014-254	10/12/93	Blank	0.7850	0	<7.0*	-

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
46101YP	219-1015-255	10/15/93	CC. SW of Site Outside Work Area Environmental	0.7850	1060.0	<7.0*	<0.0025*
46102YP	219-1015-256	10/15/93	DD. Decon Ent/Exit Outside Work Area Environmental	0.7850	1058.0	<7.0*	<0.0025*
46103YP	219-1015-257	10/15/93	P. Waste Out Outside Work Area Environmental	0.7850	1058.0	<7.0*	<0.0025*
46104YP	219-1015-258	10/15/93	K. E of Work Area Outside Work Area Environmental	0.7850	1060.0	<7.0*	<0.0025*
46105YP	219-1015-259	10/15/93	L. E of Work Area Outside Work Area Environmental	0.7850	1058.0	<7.0*	<0.0025*
46106YP	219-1015-260	10/15/93	EE. In Work Area Inside Work Area Environmental	0.7850	988.0	<7.0*	<0.0027*
46107YP	219-1015-261	10/15/93	Blank	0.7850	0	<7.0*	-
46108YP	219-1015-262	10/15/93	Blank	0.7850	0.0	<7.0*	-
46109YP	219-1018-263	10/18/93	CC. SW of Site Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
46110YP	219-1018-264	10/18/93	DD. Decon Ent/Exit Outside Work Area Environmental	0.7850	960.0	22.3	0.0089
46111YP	219-1018-265	10/18/93	P. Waste Out Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Friday, October 22, 1993

Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Environmental	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
46112YP	219-1018-266	10/18/93	K. E of Work Area Outside Work Area	Environmental	0.7850	960.0	<7.0*	<0.0028*
46113YP	219-1018-267	10/18/93	L. E of Work Area Outside Work Area	Environmental	0.7850	960.0	<7.0*	<0.0028*
46114YP	219-1018-268	10/18/93	EE. In Work Area Inside Work Area	Environmental	0.7850	960.0	<7.0*	<0.0028*
46115YP	219-1018-269	10/18/93	Blank		0.7850	0	<7.0*	-
46116YP	219-1018-270	10/18/93	Blank		0.7850	0	<7.0*	-
46117YP	219-1019-271	10/19/93	CC. SW of Site Outside Work Area	Environmental	0.7850	946.0	<7.0*	<0.0029*
46118YP	219-1019-272	10/19/93	DD. Decon Ent/Exit Outside Work Area	Environmental	0.7850	944.0	10.2	0.0042
46119YP	219-1019-273	10/19/93	P. Waste Out Outside Work Area	Environmental	0.7850	942.0	<7.0*	<0.0029*
46120YP	219-1019-274	10/19/93	K. E of Work Area Outside Work Area	Environmental	0.7850	940.0	<7.0*	<0.0029*
46121YP	219-1019-275	10/19/93	L. E of Work Area Outside Work Area	Environmental	0.7850	938.0	<7.0*	<0.0029*
46122YP	219-1019-276	10/19/93	EE. In Work Area Inside Work Area	Environmental	0.7850	880.0	<7.0*	<0.0031*

* Below Analytical Sensitivity

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Date

Friday, October 22, 1993

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
46123YP	219-1019-277	10/19/93	Blank	0.7850	0	<7.0*	-
46124YP	219-1019-278	10/19/93	Blank	0.7850	0	<7.0*	-

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location		Analyzed Area (sq mm)	Sample Volume (liters)	Concentration	
							(f/sq mm)	(f/cc)
46589YP	219-1020-279	10/20/93	CC. SW of Site Outside Work Area	Environmental	0.7850	1050.0	<7.0*	<0.0026*
46590YP	219-1020-280	10/20/93	DD. Decon Ent/Exit Outside Work Area	Environmental	0.7850	950.0	<7.0*	<0.0028*
46591YP	219-1020-281	10/20/93	P. Waste Out Outside Work Area	Environmental	0.7850	950.0	<7.0*	<0.0028*
46592YP	219-1020-282	10/20/93	D. NW of Work Area Outside Work Area	Environmental	0.7850	1048.0	<7.0*	<0.0026*
46593YP	219-1020-283	10/20/93	H. NE of Work Area Outside Work Area	Environmental	0.7850	1046.0	<7.0*	<0.0026*
46594YP	219-1020-284	10/20/93	EE. In Work Area Inside Work Area	Environmental	0.7850	976.0	<7.0*	<0.0028*
46595YP	219-1020-285	10/20/93	Blank		0.7850	0	<7.0*	-
46596YP	219-1020-286	10/20/93	Blank		0.7850	0	<7.0*	-
46597YP	219-1021-287	10/21/93	CC. SW of Site Outside Work Area	Environmental	0.7850	960.0	<7.0*	<0.0028*
46598YP	219-1021-288	10/21/93	DD. Decon Ent/ Exit Outside Work Area	Environmental	0.7850	960.0	<7.0*	<0.0028*
46599YP	219-1021-289	10/21/93	P. Waste Out Outside Work Area	Environmental	0.7850	960.0	<7.0*	<0.0028*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Monday, October 25, 1993

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
46600YP	219-1021-290	10/21/93	F. N of Work Area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
46601YP	219-1021-291	10/21/93	H. NE of Work Area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
46602YP	219-1021-292	10/21/93	EE. In Work Area Inside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
46603YP	219-1021-293	10/21/93	Blank	0.7850	0	<7.0*	-
46604YP	219-1021-294	10/21/93	Blank	0.7850	0	<7.0*	-
46605YP	219-1022-295	10/22/93	CC. SW of Site Outside Work Area Environmental	0.7850	1004.0	<7.0*	<0.0027*
46606YP	219-1022-296	10/22/93	DD. Decon Ent/Exit Outside Work Area Environmental	0.7850	998.0	<7.0*	<0.0027*
46607YP	219-1022-297	10/22/93	P. Waste Out Outside Work Area Environmental	0.7850	996.0	<7.0*	<0.0027*
46608YP	219-1022-298	10/22/93	F. N of Work Area Outside Work Area Environmental	0.7850	998.0	<7.0*	<0.0027*
46609YP	219-1022-299	10/22/93	H. NE of Work Area Outside Work Area Environmental	0.7850	998.0	<7.0*	<0.0027*
46610YP	219-1022-300	10/22/93	EE. In Work Area Inside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*

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Date

Monday, October 25, 1993

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
46611YP	219-1022-301	10/22/93	Blank	0.7850	0	<7.0*	-
46612YP	219-1022-302	10/22/93	Blank	0.7850	0	<7.0*	-

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
47475YP	219-1025-303	10/25/93	CC. SW of site Outside Work Area Environmental	0.7850	1016.0	<7.0*	<0.0027*
47476YP	219-1025-304	10/25/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1022.0	<7.0*	<0.0026*
47477YP	219-1025-305	10/25/93	P. Waste out Outside Work Area Environmental	0.7850	1022.0	<7.0*	<0.0026*
47478YP	219-1025-306	10/25/93	F. North of work area Outside Work Area Environmental	0.7850	1028.0	<7.0*	<0.0026*
47479YP	219-1025-307	10/25/93	H. NE of work area Outside Work Area Environmental	0.7850	1026.0	<7.0*	<0.0026*
47480YP	219-1025-308	10/25/93	EE. In work area Inside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
47481YP	219-1025-309	10/25/93	Blank	0.7850	0	<7.0*	-
47482YP	219-1025-310	10/25/93	Blank	0.7850	0	<7.0*	-
47483YP	219-1026-311	10/26/93	CC. SW of site Outside Work Area Environmental	0.7850	1050.0	<7.0*	<0.0026*
47484YP	219-1026-312	10/26/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1050.0	<7.0*	<0.0026*
47485YP	219-1026-313	10/26/93	P. Waste out Outside Work Area Environmental	0.7850	1054.0	<7.0*	<0.0026*

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Date

Monday, November 1, 1993

Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
47486YP	219-1026-314	10/26/93	F. North of work area Outside Work Area Environmental	0.7850	1054.0	<7.0*	<0.0026*
47487YP	219-1026-315	10/26/93	H. NE of work area Outside Work Area Environmental	0.7850	1052.0	<7.0*	<0.0026*
47488YP	219-1026-316	10/26/93	EE. In work area Inside Work Area Environmental	0.7850	992.0	<7.0*	<0.0027*
47489YP	219-1026-317	10/26/93	Blank	0.7850	0	<7.0*	-
47490YP	219-1026-318	10/26/93	Blank	0.7850	0	<7.0*	-
47491YP	219-1027-319	10/27/93	CC. SW of site Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
47492YP	219-1027-320	10/27/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
47493YP	219-1027-321	10/27/93	Sample void - destroyed in field Environmental	0.7850	0	<7.0*	-
47494YP	219-1027-322	10/27/93	F. North of work area Outside Work Area Environmental	0.7850	0.0	<7.0*	-
47495YP	219-1027-323	10/27/93	H. NE of work area Outside Work Area Environmental	0.7850	0.0	<7.0*	-
47496YP	219-1027-324	10/27/93	EE. In work area Inside Work Area Environmental	0.7850	0.0	<7.0*	-

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Date

Monday, November 1, 1993

Chopra-Lee Inc.
RJ Lee Group

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
47497YP	219-1027-325	10/27/93	Blank	0.7850	0	<7.0*	-
47498YP	219-1027-326	10/27/93	Blank	0.7850	0	<7.0*	-

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration	
						(f/sq mm)	(f/cc)
47855YP	219-1028-327	10/28/93	CC. SW of site Outside Work Area Environmental	0.7850	1106.0	<7.0*	<0.0024*
47856YP	219-1028-328	10/28/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1106.0	<7.0*	<0.0024*
47857YP	219-1028-329	10/28/93	P. Waste out Outside Work Area Environmental	0.7850	1106.0	<7.0*	<0.0024*
47858YP	219-1028-330	10/28/93	F. North of work area Outside Work Area Environmental	0.7850	1108.0	<7.0*	<0.0024*
47859YP	219-1028-331	10/28/93	H. NE of work area Outside Work Area Environmental	0.7850	1110.0	<7.0*	<0.0024*
47860YP	219-1028-332	10/28/93	EE. In work area Outside Work Area Environmental	0.7850	1080.0	<7.0*	<0.0025*
47861YP	219-1028-333	10/28/93	Blank	0.7850	0	<7.0*	-
47862YP	219-1028-334	10/28/93	Blank	0.7850	0	<7.0*	-
47863YP	219-1029-335	10/29/93	CC. SW of site Outside Work Area Environmental	0.7850	1086.0	<7.0*	<0.0025*
47864YP	219-1029-336	10/29/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1084.0	<7.0*	<0.0025*
47865YP	219-1029-337	10/29/93	P. Waste out Outside Work Area Environmental	0.7850	1084.0	<7.0*	<0.0025*

* Below Analytical Sensitivity

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Date

Tuesday, November 2, 1993

Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
47866YP	219-1029-338	10/29/93	F. North of work area Outside Work Area Environmental	0.7850	1080.0	<7.0*	<0.0025*
47867YP	219-1029-339	10/29/93	H. NE of work area Outside Work Area Environmental	0.7850	1080.0	<7.0*	<0.0025*
47868YP	219-1029-340	10/29/93	E. In work area Inside Work Area Environmental	0.7850	1040.0	<7.0*	<0.0026*
47869YP	219-1029-341	10/29/93	Blank	0.7850	0	<7.0*	-
47870YP	219-1029-342	10/29/93	Blank	0.7850	0	<7.0*	-

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Date

Tuesday, November 2, 1993

Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
48644YP	219-1101-343	11/1/93	CC. SW of site Outside Work Area Environmental	0.7850	1004.0	<7.0*	<0.0027*
48645YP	219-1101-344	11/1/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1006.0	<7.0*	<0.0027*
48646YP	219-1101-345	11/1/93	P. Waste out Outside Work Area Environmental	0.7850	1006.0	<7.0*	<0.0027*
48647YP	219-1101-346	11/1/93	F. North of work area Outside Work Area Environmental	0.7850	1006.0	<7.0*	<0.0027*
48648YP	219-1101-347	11/1/93	H. NE of work area Outside Work Area Environmental	0.7850	1006.0	<7.0*	<0.0027*
48649YP	219-1101-348	11/1/93	EE. In work area Inside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
48650YP	219-1101-349	11/1/93	Blank	0.7850	0	<7.0*	-
48651YP	219-1101-350	11/1/93	Blank	0.7850	0	<7.0*	-
48652YP	219-1102-351	11/2/93	CC. SW of site Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
48653YP	219-1102-352	11/2/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
48654YP	219-1102-353	11/2/93	P. Waste out Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Friday, November 5, 1993

Chopra-Lee Inc.
RJ Lee Group

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
48655YP	219-1102-354	11/2/93	F. North of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
48656YP	219-1102-355	11/2/93	H. NE of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
48657YP	219-1102-356	11/2/93	EE. In work area Inside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
48658YP	219-1102-357	11/2/93	Blank	0.7850	0	<7.0*	-
48659YP	219-1102-358	11/2/93	Blank	0.7850	0	<7.0*	-
48660YP	219-1103-359	11/3/93	CC. SW of site Outside Work Area Environmental	0.7850	704.0	<7.0*	<0.0038*
48661YP	219-1103-360	11/3/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	704.0	<7.0*	<0.0038*
48662YP	219-1103-361	11/3/93	P. Waste out Outside Work Area Environmental	0.7850	706.0	<7.0*	<0.0038*
48663YP	219-1103-362	11/3/93	F. North of work area Outside Work Area Environmental	0.7850	706.0	<7.0*	<0.0038*
48664YP	219-1103-363	11/3/93	H. NE of work area Outside Work Area Environmental	0.7850	706.0	<7.0*	<0.0038*
48665YP	219-1103-364	11/3/93	EE. In work area Inside Work Area Environmental	0.7850	660.0	<7.0*	<0.0041*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Friday, November 5, 1993

Chopra-Lee Inc.
RJ Lee Group1741 Baseline Road
Grand Island, NY 14072716-773-7625
Telefax 716-773-7624

PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
48666YP	219-1103-365	11/3/93	Blank	0.7850	0	<7.0*	-
48667YP	219-1103-366	11/3/93	Blank	0.7850	0	<7.0*	-
48668YP	219-1104-367	11/4/93	CC. SW of site Outside Work Area Environmental	0.7850	1024.0	<7.0*	<0.0026*
48669YP	219-1104-368	11/4/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1028.0	<7.0*	<0.0026*
48670YP	219-1104-369	11/4/93	P. Waste out Outside Work Area Environmental	0.7850	1028.0	<7.0*	<0.0026*
48671YP	219-1104-370	11/4/93	F. North of work area Outside Work Area Environmental	0.7850	1028.0	<7.0*	<0.0026*
48672YP	219-1104-371	11/4/93	H. NE of work area Outside Work Area Environmental	0.7850	1028.0	<7.0*	<0.0026*
48673YP	219-1104-372	11/4/93	EE. In work area Inside Work Area Environmental	0.7850	984.0	<7.0*	<0.0027*
48674YP	219-1104-373	11/4/93	Blank	0.7850	0	<7.0*	-
48675YP	219-1104-374	11/4/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Friday, November 5, 1993

Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
Telefax 716-773-7624

PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
49136YP	219-1105-375	11/5/93	CC. SW of site Outside Work Area Environmental	0.7850	936.0	<7.0*	<0.0029*
49137YP	219-1105-376	11/5/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	934.0	15.9	0.0066
49138YP	219-1105-377	11/5/93	P. Waste out Outside Work Area Environmental	0.7850	932.0	<7.0*	<0.0029*
49139YP	219-1105-378	11/5/93	F. North of work area Outside Work Area Environmental	0.7850	932.0	<7.0*	<0.0029*
49140YP	219-1105-379	11/5/93	H. NE of work area Outside Work Area Environmental	0.7850	930.0	<7.0*	<0.0029*
49141YP	219-1105-380	11/5/93	EE. In work area Inside Work Area Environmental	0.7850	896.0	<7.0*	<0.0030*
49142YP	219-1105-381	11/5/93	Blank	0.7850	0	<7.0*	-
49143YP	219-1105-382	11/5/93	Blank	0.7850	0	<7.0*	-
49144YP	219-1108-383	11/8/93	CC. SW of site Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49145YP	219-1108-384	11/8/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	960.0	16.6	0.0066
49146YP	219-1108-385	11/8/93	P. Waste out Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Tuesday, November 9, 1993

Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
49147YP	219-1108-386	11/8/93	F. North of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49148YP	219-1108-387	11/8/93	H. NE of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49149YP	219-1108-3	11/8/93	Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49150YP	219-1108-389	11/8/93	Blank	0.7850	0	<7.0*	-
49151YP	219-1108-390	11/8/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Tuesday, November 9, 1993

Chopra-Lee Inc.
RJ Lee Group

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Grand Island, NY 14072

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
49376YP	219-1109-391	11/9/93	CC. SW of site Outside Work Area Environmental	0.7850	988.0	<7.0*	<0.0027*
49377YP	219-1109-392	11/9/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	970.0	12.7	0.0051
49378YP	219-1109-393	11/9/93	P. Waste out Outside Work Area Environmental	0.7850	966.0	<7.0*	<0.0028*
49379YP	219-1109-394	11/9/93	F. North of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49380YP	219-1109-395	11/9/93	H. NE of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49381YP	219-1109-396	11/9/93	EE. In work area Inside Work Area Environmental	0.7850	930.0	<7.0*	<0.0029*
49382YP	219-1109-397	11/9/93	Blank	0.7850	0	<7.0*	
49383YP	219-1109-398	11/9/93	Blank	0.7850	0	<7.0*	

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Wednesday, November 10, 1993

Chopra-Lee Inc.
RJ Lee Group

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Grand Island, NY 14072

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
49913YP	219-1110-399	11/10/93	CC. SW of site Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49914YP	219-1110-400	11/10/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	960.0	8.9	0.0036
49915YP	219-1110-401	11/10/93	P. Waste out Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49916YP	219-1110-402	11/10/93	F. North of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49917YP	219-1110-403	11/10/93	H. NE of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49918YP	219-1110-404	11/10/93	EE. In work area Inside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49919YP	219-1110-405	11/10/93	Blank	0.7850	0	<7.0*	-
49920YP	219-1110-406	11/10/93	Blank	0.7850	0	<7.0*	-
49921YP	219-1111-407	11/11/93	CC. Southwest of site Outside Work Area Environmental	0.7850	998.0	<7.0*	<0.0027*
49922YP	219-1111-408	11/11/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	996.0	7.0	0.0027
49923YP	219-1111-409	11/11/93	P. Waste out Outside Work Area Environmental	0.7850	994.0	<7.0*	<0.0027*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Thursday, November 18, 1993

Chopra-Lee Inc.
RJ Lee Group

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
49924YP	219-1111-410	11/11/93	F. North of work area Outside Work Area Environmental	0.7850	990.0	<7.0*	<0.0027*
49925YP	219-1111-411	11/11/93	H. NE of work area Outside Work Area Environmental	0.7850	994.0	<7.0*	<0.0027*
49926YP	219-1111-412	11/11/93	EE. In work area Inside Work Area Environmental	0.7850	900.0	<7.0*	<0.0030*
49927YP	219-1111-413	11/11/93	Blank	0.7850	0	<7.0*	-
49928YP	219-1111-414	11/11/93	Blank	0.7850	0	<7.0*	-
49929YP	219-1112-415	11/12/93	CC. Southwest of site Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49930YP	219-1112-416	11/12/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	960.0	7.0	0.0028
49931YP	219-1112-417	11/12/93	P. Waste out Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49932YP	219-1112-418	11/12/93	F. North of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49933YP	219-1112-419	11/12/93	H. NE of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
49934YP	219-1112-420	11/12/93	EE. In work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Thursday, November 18, 1993

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
49935YP	219-1112-421	11/12/93	Blank	0.7850	0	<7.0*	-
49936YP	219-1112-422	11/12/93	Blank	0.7850	0	<7.0*	-

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
50359YP	219-1115-423	11/15/93	CC. SW of site Outside Work Area Environmental	0.7850	1032.0	<7.0*	<0.0026*
50360YP	219-1115-424	11/15/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1020.0	11.5	0.0043
50361YP	219-1115-425	11/15/93	P. Waste out Outside Work Area Environmental	0.7850	1018.0	<7.0*	<0.0026*
50362YP	219-1115-426	11/15/93	F. North of work area Outside Work Area Environmental	0.7850	1008.0	<7.0*	<0.0027*
50363YP	219-1115-427	11/15/93	H. NE of work area Outside Work Area Environmental	0.7850	1008.0	<7.0*	<0.0027*
50364YP	219-1115-428	11/15/93	EE. In work area Inside Work Area Environmental	0.7850	1020.0	<7.0*	<0.0026*
50365YP	219-1115-429	11/15/93	Blank	0.7850	0	<7.0*	-
50366YP	219-1115-430	11/15/93	Blank	0.7850	0	<7.0*	-
50367YP	219-1116-431	11/16/93	CC. SW of site Outside Work Area Environmental	0.7850	1030.0	<7.0*	<0.0026*
50368YP	219-1116-432	11/16/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1058.0	<7.0*	<0.0025*
50369YP	219-1116-433	11/16/93	P. Waste out Outside Work Area Environmental	0.7850	1056.0	<7.0*	<0.0026*

* Below Analytical Sensitivity

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Date

Friday, November 19, 1993

Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
50370YP	219-1116-434	11/16/93	F. North of work area Outside Work Area Environmental	0.7850	1054.0	<7.0*	<0.0026*
50371YP	219-1116-435	11/16/93	H. NE of work area Outside Work Area Environmental	0.7850	1054.0	<7.0*	<0.0026*
50372YP	219-1116-436	11/16/93	EE. In work area Inside Work Area Environmental	0.7850	0	<7.0*	-
50373YP	219-1116-437	11/16/93	Blank	0.7850	0	<7.0*	-
50374YP	219-1116-438	11/16/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Friday, November 19, 1993

Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
50594YP	219-1117-439	11/17/93	CC. SW of site Outside Work Area Environmental	0.7850	1028.0	<7.0*	<0.0026*
50595YP	219-1117-440	11/17/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1038.0	<7.0*	<0.0026*
50596YP	219-1117-441	11/17/93	P. Waste out Outside Work Area Environmental	0.7850	1042.0	<7.0*	<0.0026*
50597YP	219-1117-442	11/17/93	F. North of work area Outside Work Area Environmental	0.7850	1046.0	<7.0*	<0.0026*
50598YP	219-1117-443	11/17/93	H. NE of work area Outside Work Area Environmental	0.7850	1048.0	<7.0*	<0.0026*
50599YP	219-1117-444	11/17/93	EE. In work area Inside Work Area Environmental	0.7850	1048.0	<7.0*	<0.0026*
50600YP	219-1117-445	11/17/93	Blank	0.7850	0	<7.0*	-
50601YP	219-1117-446	11/17/93	Blank	0.7850	0	<7.0*	-
50602YP	219-1118-447	11/18/93	CC. SW of site Outside Work Area Environmental	0.7850	1112.0	<7.0*	<0.0024*
50603YP	219-1118-448	11/18/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1090.0	<7.0*	<0.0025*
50604YP	219-1118-449	11/18/93	P. Waste out Outside Work Area Environmental	0.7850	1090.0	<7.0*	<0.0025*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Monday, November 22, 1993

Chopra-Lee Inc.
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Grand Island, NY 14072

716-773-7625
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
50605YP	219-1118-450	11/18/93	F. North of work area Outside Work Area Environmental	0.7850	1092.0	<7.0*	<0.0025*
50606YP	219-1118-451	11/18/93	H. NE of work area Outside Work Area Environmental	0.7850	1090.0	<7.0*	<0.0025*
50607YP	219-1118-452	11/18/93	EE. In work area Inside Work Area Environmental	0.7850	1086.0	<7.0*	<0.0025*
50608YP	219-1118-453	11/18/93	Blank	0.7850	0	<7.0*	-
50609YP	219-1118-454	11/18/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Monday, November 22, 1993

Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
Telefax 716-773-7624

PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
50925YP	219-1119-455	11/19/93	CC. SW of site Outside Work Area Environmental	0.7850	980.0	<7.0*	<0.0028*
50926YP	219-1119-456	11/19/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1002.0	7.6	0.0029
50927YP	219-1119-457	11/19/93	P. Waste out Outside Work Area Environmental	0.7850	994.0	<7.0*	<0.0027*
50928YP	219-1119-458	11/19/93	F. North of work area Outside Work Area Environmental	0.7850	980.0	<7.0*	<0.0028*
50929YP	219-1119-459	11/19/93	H. NE of work area Outside Work Area Environmental	0.7850	978.0	<7.0*	<0.0028*
50930YP	219-1119-460	11/19/93	EE. In work area Inside Work Area Environmental	0.7850	930.0	<7.0*	<0.0029*
50931YP	219-1119-461	11/19/93	Blank	0.7850	0	<7.0*	-
50932YP	219-1119-462	11/19/93	Blank	0.7850	0	<7.0*	-
50933YP	219-1122-463	11/22/93	CC. SW of site Outside Work Area Environmental	0.7850	982.0	<7.0*	<0.0027*
50934YP	219-1122-464	11/22/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	968.0	<7.0*	<0.0028*
50935YP	219-1122-465	11/22/93	P. Waste out Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Tuesday, November 23, 1993

Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
50936YP	219-1122-466	11/22/93	F. North of work area Outside Work Area Environmental	0.7850	954.0	<7.0*	<0.0028*
50937YP	219-1122-467	11/22/93	H. NE of work area Outside Work Area Environmental	0.7850	952.0	<7.0*	<0.0028*
50938YP	219-1122-468	11/22/93	EE. In work area Inside Work Area Environmental	0.7850	920.0	<7.0*	<0.0029*
50939YP	219-1122-469	11/22/93	Blank	0.7850	0	<7.0*	-
50940YP	219-1122-470	11/22/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Tuesday, November 23, 1993

Chopra-Lee Inc.
RJ Lee Group

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
51377YP	219-1123-471	11/23/93	CC. SW of site Outside Work Area Environmental	0.7850	720.0	<7.0*	<0.0037*
51378YP	219-1123-472	11/23/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	720.0	<7.0*	<0.0037*
51379YP	219-1123-473	11/23/93	P. Waste out Outside Work Area Environmental	0.7850	720.0	<7.0*	<0.0037*
51380YP	219-1123-474	11/23/93	F. North of work area Outside Work Area Environmental	0.7850	720.0	<7.0*	<0.0037*
51381YP	219-1123-475	11/23/93	H. NE of work area Outside Work Area Environmental	0.7850	720.0	<7.0*	<0.0037*
51382YP	219-1123-476	11/23/93	EE. In work area Inside Work Area Environmental	0.7850	672.0	<7.0*	<0.0040*
51383YP	219-1123-477	11/23/93	Blank	0.7850	0	<7.0*	-
51384YP	219-1123-478	11/23/93	Blank	0.7850	0	<7.0*	-
51385YP	219-1124-479	11/24/93	CC. SW of site Outside Work Area Environmental	0.7850	1010.0	<7.0*	<0.0027*
51386YP	219-1124-480	11/24/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	984.0	<7.0*	<0.0027*
51387YP	219-1124-481	11/24/93	P. Waste out Outside Work Area Environmental	0.7850	986.0	<7.0*	<0.0027*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Wednesday, December 1, 1993

Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
Telefax 716-773-7624

PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
51388YP	219-1124-482	11/24/93	Pump & cassette destroyed in field	N/A	0	N/A	N/A
51389YP	219-1124-483	11/24/93	Pump & cassette destroyed in field	N/A	0	N/A	N/A
51390YP	219-1124-484	11/24/93	EE. In work area Inside Work Area Environmental	0.7850	940.0	<7.0*	<0.0029*
51391YP	219-1124-485	11/24/93	Blank	0.7850	0	<7.0*	-
51392YP	219-1124-486	11/24/93	Blank	0.7850	0	<7.0*	-
51393YP	219-1126-487	11/26/93	CC. SW of site Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
51394YP	219-1126-488	11/26/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
51395YP	219-1126-489	11/26/93	P. Waste out Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
51396YP	219-1126-490	11/26/93	F. North of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
51397YP	219-1126-491	11/26/93	H. NE of work area Outside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
51398YP	219-1126-492	11/26/93	EE. In work area Inside Work Area Environmental	0.7850	908.0	<7.0*	<0.0030*

* Below Analytical Sensitivity

N/A Not Analyzed

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Wednesday, December 1, 1993

Chopra-Lee Inc.
RJ Lee Group

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
51399YP	219-1126-493	11/26/93	Blank	0.7850	0	<7.0*	-
51400YP	219-1126-494	11/26/93	Blank	0.7850	0	<7.0*	-
51401YP	219-1129-495	11/29/93	CC. SW of site Outside Work Area Environmental	0.7850	1058.0	<7.0*	<0.0025*
51402YP	219-1129-496	11/29/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1056.0	<7.0*	<0.0026*
51403YP	219-1129-497	11/29/93	P. Waste out Outside Work Area Environmental	0.7850	1056.0	<7.0*	<0.0026*
51404YP	219-1129-498	11/29/93	F. North of work area Outside Work Area Environmental	0.7850	1052.0	<7.0*	<0.0026*
51405YP	219-1129-499	11/29/93	H. NE of work area Outside Work Area Environmental	0.7850	1052.0	<7.0*	<0.0026*
51406YP	219-1129-500	11/29/93	EE. In work area Inside Work Area Environmental	0.7850	968.0	<7.0*	<0.0028*
51407YP	219-1129-501	11/29/93	Blank	0.7850	0	<7.0*	-
51408YP	219-1129-502	11/29/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Wednesday, December 1, 1993

Chopra-Lee Inc.
RJ Lee Group

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Grand Island, NY 14072

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Telefax 716-773-7624

PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
51768YP	219-1130-503	11/30/93	CC. SW of Site Outside Work Area Environmental	0.7850	1164.0	<7.0*	<0.0023*
51769YP	219-1130-504	11/30/93	DD. Decon Ent/Exit Outside Work Area Environmental	0.7850	1164.0	<7.0*	<0.0023*
51770YP	219-1130-505	11/30/93	P. Waste Out Outside Work Area Environmental	0.7850	1166.0	<7.0*	<0.0023*
51771YP	219-1130-506	11/30/93	F. N of Work Area Outside Work Area Environmental	0.7850	1142.0	<7.0*	<0.0024*
51772YP	219-1130-507	11/30/93	H. NE of Work Area Outside Work Area Environmental	0.7850	1142.0	<7.0*	<0.0024*
51773YP	219-1130-508	11/30/93	EE. In work area Inside Work Area Environmental	0.7850	1114.0	<7.0*	<0.0024*
51774YP	219-1130-509	11/30/93	Blank	0.7850	0	<7.0*	-
51775YP	219-1130-510	11/30/93	Blank	0.7850	0	<7.0*	-
51776YP	219-1201-511	12/1/93	CC. SW of Site Outside Work Area Environmental	0.7850	1000.0	<7.0*	<0.0027*
51777YP	219-1201-512	12/1/93	DD. Decon Ent/Exit Outside Work Area Environmental	0.7850	1000.0	<7.0*	<0.0027*
51778YP	219-1201-513	12/1/93	P. Waste Out Outside Work Area Environmental	0.7850	1000.0	<7.0*	<0.0027*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Friday, December 3, 1993

Chopra-Lee Inc.
RJ Lee Group

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
51779YP	219-1201-514	12/1/93	F. N of Work Area Outside Work Area Environmental	0.7850	998.0	<7.0*	<0.0027*
51780YP	219-1201-515	12/1/93	H. NE of Work Area Outside Work Area Environmental	0.7850	1000.0	<7.0*	<0.0027*
51781YP	219-1201-516	12/1/93	EE. In work area Inside Work Area Environmental	0.7850	960.0	<7.0*	<0.0028*
51782YP	219-1201-517	12/1/93	Blank	0.7850	0	<7.0*	-
51783YP	219-1201-518	12/1/93	Blank	0.7850	0	<7.0*	-
51784YP	219-1202-519	12/2/93	CC. SW of Site Outside Work Area Environmental	0.7850	1096.0	<7.0*	<0.0025*
51785YP	219-1202-520	12/2/93	DD. Decon Ent/Exit Outside Work Area Environmental	0.7850	1098.0	<7.0*	<0.0025*
51786YP	219-1202-521	12/2/93	P. Waste Out Outside Work Area Environmental	0.7850	1094.0	<7.0*	<0.0025*
51787YP	219-1202-522	12/2/93	F. N of Work Area Outside Work Area Environmental	0.7850	1098.0	<7.0*	<0.0025*
51788YP	219-1202-523	12/2/93	H. NE of Work Area Outside Work Area Environmental	0.7850	1100.0	<7.0*	<0.0025*
51789YP	219-1202-524	12/2/93	EE. In work area Inside Work Area Environmental	0.7850	1092.0	<7.0*	<0.0025*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Friday, December 3, 1993

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
51790YP	219-1202-525	12/2/93	Blank	0.7850	0	<7.0*	-
51791YP	219-1202-526	12/2/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Friday, December 3, 1993

Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
52035YP	219-1203-527	12/3/93	CC. SW of site Outside Work Area Environmental	0.7850	1080.0	<7.0*	<0.0025*
52036YP	219-1203-528	12/3/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1080.0	<7.0*	<0.0025*
52037YP	219-1203-529	12/3/93	P. Waste out Outside Work Area Environmental	0.7850	1080.0	<7.0*	<0.0025*
52038YP	219-1203-530	12/3/93	F. North of work area Outside Work Area Environmental	0.7850	1080.0	<7.0*	<0.0025*
52039YP	219-1203-531	12/3/93	H. NE of work area Outside Work Area Environmental	0.7850	1080.0	<7.0*	<0.0025*
52040YP	219-1203-532	12/3/93	EE. In work area Inside Work Area Environmental	0.7850	1080.0	<7.0*	<0.0025*
52041YP	219-1203-533	12/3/93	Blank	0.7850	0	<7.0*	-
52042YP	219-1203-534	12/3/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Wednesday, December 8, 1993

Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
52234YP	219-1206-535	12/6/93	CC. SW of site Outside Work Area Environmental	0.7850	1102.0	<7.0*	<0.0024*
52235YP	219-1206-536	12/6/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1104.0	<7.0*	<0.0024*
52236YP	219-1206-537	12/6/93	P. Waste out Outside Work Area Environmental	0.7850	1104.0	<7.0*	<0.0024*
52237YP	219-1206-538	12/6/93	F. North of work area Outside Work Area Environmental	0.7850	1102.0	<7.0*	<0.0024*
52238YP	219-1206-539	12/6/93	H. NE of work area Outside Work Area Environmental	0.7850	1102.0	<7.0*	<0.0024*
52239YP	219-1206-540	12/6/93	EE. In work area Inside Work Area Environmental	0.7850	1018.0	<7.0*	<0.0026*
52240YP	219-1206-541	12/6/93	Blank	0.7850	0	<7.0*	-
52241YP	219-1206-542	12/6/93	Blank	0.7850	0	<7.0*	-
52242YP	219-1207-543	12/7/93	CC. SW of site Outside Work Area Environmental	0.7850	1070.0	<7.0*	<0.0025*
52243YP	219-1207-544	12/7/93	DD. Decon entrance/exit Outside Work Area Environmental	0.7850	1070.0	<7.0*	<0.0025*
52244YP	219-1207-545	12/7/93	P. Waste out Outside Work Area Environmental	0.7850	1072.0	<7.0*	<0.0025*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Thursday, January 20, 1994

Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
52245YP	219-1207-546	12/7/93	F. North of work area Outside Work Area Environmental	0.7850	1072.0	<7.0*	<0.0025*
52246YP	219-1207-547	12/7/93	H. NE of work area Outside Work Area Environmental	0.7850	1070.0	<7.0*	<0.0025*
52247YP	219-1207-548	12/7/93	EE. In work area Inside Work Area Environmental	0.7850	1004.0	<7.0*	<0.0027*
52248YP	219-1207-549	12/7/93	Blank	0.7850	0	<7.0*	-
52249YP	219-1207-550	12/7/93	Blank	0.7850	0	<7.0*	-
52250YP	219-1207-551	12/7/93	A. 30' North of monitor well #3 Outside Work Area Final	0.7850	1140.0	<7.0*	<0.0024*
52251YP	219-1207-552	12/7/93	B. 5' North of location A Outside Work Area Final	0.7850	1149.5	<7.0*	<0.0023*
52252YP	219-1207-553	12/7/93	C. 5' East of monitoring well #4 Outside Work Area Final	0.7850	1140.0	<7.0*	<0.0024*
52253YP	219-1207-554	12/7/93	D. 10' North of location C Outside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52254YP	219-1207-555	12/7/93	E. NW corner of site Outside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52255YP	219-1207-556	12/7/93	F. North of work area at 1+00 Outside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*

* Below Analytical Sensitivity

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Date

Thursday, January 20, 1994

Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
52256YP	219-1207-557	12/7/93	G. North of work area at 0+50 Outside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52257YP	219-1207-558	12/7/93	H. NE corner of site Outside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52258YP	219-1207-559	12/7/93	I. I. East of work area 40' South of curb Outside Work Area Final	0.7850	1260.0	<7.0*	<0.0021*
52259YP	219-1207-560	12/7/93	J. East of work area 60' South of location Outside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52260YP	219-1207-561	12/7/93	K. East of work area 15' South of Outside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52261YP	219-1207-562	12/7/93	L. East of work area 65' South of location Outside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52262YP	219-1207-563	12/7/93	M. East of work area 75' South of Outside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52263YP	219-1207-564	12/7/93	N. East of work area 25' South of Outside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52264YP	219-1207-565	12/7/93	O. North work area 10' South of curb Inside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52265YP	219-1207-566	12/7/93	P. North work area 10' South of curb Inside Work Area Final	0.7850	1210.0	<7.0*	<0.0022*
52266YP	219-1207-567	12/7/93	Q. 15' East of location P Inside Work Area Final	0.7850	1260.0	<7.0*	<0.0021*

* Below Analytical Sensitivity

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Date

Thursday, January 20, 1994

Chopra-Lee Inc.
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Grand Island, NY 14072

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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration	
						(f/sq mm)	(f/cc)
52267YP	219-1207-568	12/7/93	R. NE corner of work area Inside Work Area Final	0.7850	1210.0	<7.0*	<0.0022*
52268YP	219-1207-569	12/7/93	S. 100' East of monitor well #4 Inside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52269YP	219-1207-570	12/7/93	T. 30' East of location S Inside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52270YP	219-1207-571	12/7/93	U. 30' East of location T Inside Work Area Final	0.7850	1140.0	<7.0*	<0.0024*
52271YP	219-1207-572	12/7/93	V. 75' South of location S Inside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52272YP	219-1207-573	12/7/93	W. 75' South of location S Inside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52273YP	219-1207-574	12/7/93	X. 75' South of location U Inside Work Area Final	0.7850	1222.0	<7.0*	<0.0022*
52274YP	219-1207-575	12/7/93	Y. 75' South of location V Inside Work Area Final	0.7850	1140.0	<7.0*	<0.0024*
52275YP	219-1207-576	12/7/93	Z. 50' South of location W Inside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*
52276YP	219-1207-577	12/7/93	AA. 50' SE of location Y Inside Work Area Final	0.7850	1222.0	<7.0*	<0.0022*
52277YP	219-1207-578	12/7/93	BB. 50' South of location X Inside Work Area Final	0.7850	1200.0	<7.0*	<0.0022*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date

Thursday, January 20, 1994Chopra-Lee Inc.
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PCM Preliminary Results Table

Airborne Fiber Concentration

Sample #	Field #	Date Sampled	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
52278YP	219-1207-579	12/7/93	Blank	0.7850	0	<7.0*	-
52279YP	219-1207-580	12/7/93	Blank	0.7850	0	<7.0*	-
52280YP	219-1207-581	12/7/93	Blank	0.7850	0	<7.0*	-
52281YP	219-1207-582	12/7/93	Blank	0.7850	0	<7.0*	-
52282YP	219-1207-583	12/7/93	Blank	0.7850	0	<7.0*	-
52283YP	219-1207-584	12/7/93	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A rules

Date Thursday, January 20, 1994

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D-3

PCB Volatilized Documentation Sampling Results

Table D-3
PCB Volatilized Documentation Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results</i>
P-0903-01	A - OWA	09/03/93	CL	NYSDOH 311-1	U
P-0903-02	B - OWA	09/03/93	CL	NYSDOH 311-1	U
P-0903-03	C - OWA	09/03/93	CL	NYSDOH 311-1	U
P-0903-04	D - OWA	09/03/93	CL	NYSDOH 311-1	U
P-0908-05	A - OWA	09/08/93	CL	NYSDOH 311-1	U
P-0908-06	B - OWA	09/08/93	CL	NYSDOH 311-1	U
P-0908-07	C - OWA	09/08/93	CL	NYSDOH 311-1	U
P-0908-08	D - OWA	09/08/93	CL	NYSDOH 311-1	U
P-0909-09	A - OWA	09/09/93	CL	NYSDOH 311-1	U
P-0909-10	B - OWA	09/09/93	CL	NYSDOH 311-1	U
P-0909-11	C - OWA	09/09/93	CL	NYSDOH 311-1	U
P-0909-12	D - OWA	09/09/93	CL	NYSDOH 311-1	U
P-0913-13	A - OWA	09/13/93	CL	NYSDOH 311-1	U
P-0913-14	B - OWA	09/13/93	CL	NYSDOH 311-1	U
P-0913-15	C - OWA	09/13/93	CL	NYSDOH 311-1	U
P-0913-16	D - OWA	09/13/93	CL	NYSDOH 311-1	U
P-0917-17	E - OWA	09/17/93	CL	NYSDOH 311-1	U
P-0917-18	F - OWA	09/17/93	CL	NYSDOH 311-1	U
P-0917-19	G - OWA	09/17/93	CL	NYSDOH 311-1	U
P-0917-20	H - OWA	09/17/93	CL	NYSDOH 311-1	U
P-0917-21	I - OWA	09/17/93	CL	NYSDOH 311-1	U
P-1008-22	A - OWA	10/08/93	CL	NYSDOH 311-1	U
P-1008-23	B - OWA	10/08/93	CL	NYSDOH 311-1	U
P-1008-24	C - OWA	10/08/93	CL	NYSDOH 311-1	U
P-1008-25	D - OWA	10/08/93	CL	NYSDOH 311-1	U
P-1012-26	A - OWA	10/12/93	CL	NYSDOH 311-1	U
P-1012-27	B - OWA	10/12/93	CL	NYSDOH 311-1	U
P-1012-28	C - OWA	10/12/93	CL	NYSDOH 311-1	U
P-1012-29	D - OWA	10/12/93	CL	NYSDOH 311-1	U
P-1015-30	Q - OWA	10/15/93	CL	NYSDOH 311-1	U
P-1015-31	N - OWA	10/15/93	CL	NYSDOH 311-1	U
P-1015-32	O - OWA	10/15/93	CL	NYSDOH 311-1	U
P-1015-33	P - OWA	10/15/93	CL	NYSDOH 311-1	U
P-1021-34	A - OWA	10/21/93	CL	NYSDOH 311-1	U
P-1021-35	B - OWA	10/21/93	CL	NYSDOH 311-1	U
P-1021-36	C - OWA	10/21/93	CL	NYSDOH 311-1	U
P-1021-37	D - OWA	10/21/93	CL	NYSDOH 311-1	U
P-1022-38	A - OWA	10/22/93	CL	NYSDOH 311-1	U
P-1022-39	B - OWA	10/22/93	CL	NYSDOH 311-1	U
P-1022-40	C - OWA	10/22/93	CL	NYSDOH 311-1	U
P-1022-41	D - OWA	10/22/93	CL	NYSDOH 311-1	U
P-1028-42	A - OWA	10/28/93	CL	NYSDOH 311-1	U
P-1028-43	B - OWA	10/28/93	CL	NYSDOH 311-1	U
P-1028-44	C - OWA	10/28/93	CL	NYSDOH 311-1	U
P-1028-45	D - OWA	10/28/93	CL	NYSDOH 311-1	U

Table D-3
PCB Volatilized Documentation Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results</i>
P-1029-46	A - OWA	10/29/93	CL	NYSDOH 311-1	U
P-1029-47	B - OWA	10/29/93	CL	NYSDOH 311-1	U
P-1029-48	C - OWA	10/29/93	CL	NYSDOH 311-1	U
P-1029-49	D - OWA	10/29/93	CL	NYSDOH 311-1	U
P-1101-50	R - OWA	11/01/93	CL	NYSDOH 311-1	U
P-1101-51	S - OWA	11/01/93	CL	NYSDOH 311-1	U
P-1101-52	T - OWA	11/01/93	CL	NYSDOH 311-1	U
P-1101-53	U - OWA	11/01/93	CL	NYSDOH 311-1	U
P-1111-54	A - OWA	11/11/93	CL	NYSDOH 311-1	U
P-1111-55	B - OWA	11/11/93	CL	NYSDOH 311-1	U
P-1111-56	C - OWA	11/11/93	CL	NYSDOH 311-1	U
P-1111-57	D - OWA	11/11/93	CL	NYSDOH 311-1	U
P-1112-58	J - OWA	11/12/93	CL	NYSDOH 311-1	U
P-1112-59	K - OWA	11/12/93	CL	NYSDOH 311-1	U
P-1112-60	L - OWA	11/12/93	CL	NYSDOH 311-1	U
P-1112-61	M - OWA	11/12/93	CL	NYSDOH 311-1	U
P-1118-62	A - OWA	11/18/93	CL	NYSDOH 311-1	U
P-1118-63	B - OWA	11/18/93	CL	NYSDOH 311-1	U
P-1118-64	C - OWA	11/18/93	CL	NYSDOH 311-1	U
P-1118-65	D - OWA	11/18/93	CL	NYSDOH 311-1	U
P-1119-66	A - OWA	11/19/93	CL	NYSDOH 311-1	U
P-1119-67	B - OWA	11/19/93	CL	NYSDOH 311-1	U
P-1119-68	C - OWA	11/19/93	CL	NYSDOH 311-1	U
P-1119-69	D - OWA	11/19/93	CL	NYSDOH 311-1	U
P-1123-70	E - OWA	11/23/93	CL	NYSDOH 311-1	U
P-1123-71	F - OWA	11/23/93	CL	NYSDOH 311-1	U
P-1123-72	G - OWA	11/23/93	CL	NYSDOH 311-1	U
P-1123-73	H - OWA	11/23/93	CL	NYSDOH 311-1	U
P-1124-74	E - OWA	11/24/93	CL	NYSDOH 311-1	U
P-1124-75	F - OWA	11/24/93	CL	NYSDOH 311-1	U
P-1124-76	G - OWA	11/24/93	CL	NYSDOH 311-1	U
P-1124-77	H - OWA	11/24/93	CL	NYSDOH 311-1	U
P-1129-78	A - OWA	11/29/93	CL	NYSDOH 311-1	U
P-1129-79	B - OWA	11/29/93	CL	NYSDOH 311-1	U
P-1129-80	C - OWA	11/29/93	CL	NYSDOH 311-1	U
P-1129-81	D - OWA	11/29/93	CL	NYSDOH 311-1	U
P-1203-82	A - OWA	12/03/93	CL	NYSDOH 311-1	U
P-1203-83	B - OWA	12/03/93	CL	NYSDOH 311-1	U
P-1203-84	C - OWA	12/03/93	CL	NYSDOH 311-1	U
P-1203-85	D - OWA	12/03/93	CL	NYSDOH 311-1	U
P-1207-86	A - OWA	12/07/93	CL	NYSDOH 311-1	U
P-1207-87	B - OWA	12/07/93	CL	NYSDOH 311-1	U
P-1207-88	C - OWA	12/07/93	CL	NYSDOH 311-1	U
P-1207-89	D - OWA	12/07/93	CL	NYSDOH 311-1	U

Table D-3
PCB Volatilized Documentation Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results</i>
P-1209-90	A - OWA	12/09/93	CL	NYSDOH 311-1	U
P-1209-91	B - OWA	12/09/93	CL	NYSDOH 311-1	U
P-1209-92	C - OWA	12/09/93	CL	NYSDOH 311-1	U
P-1209-93	D - OWA	12/09/93	CL	NYSDOH 311-1	U
P-1214-94	C - OWA	12/14/93	CL	NYSDOH 311-1	U
P-1214-95	Y - OWA	12/14/93	CL	NYSDOH 311-1	U
P-1214-96	A - OWA	12/14/93	CL	NYSDOH 311-1	U
P-1214-97	F - OWA	12/14/93	CL	NYSDOH 311-1	U
P-1216-98	E - OWA	12/16/93	CL	NYSDOH 311-1	U
P-1216-99	F - OWA	12/16/93	CL	NYSDOH 311-1	U
P-1216-100	G - OWA	12/16/93	CL	NYSDOH 311-1	U
P-1216-101	H - OWA	12/16/93	CL	NYSDOH 311-1	U
P-1221-102	R - OWA	12/21/93	CL	NYSDOH 311-1	U
P-1221-103	S - OWA	12/21/93	CL	NYSDOH 311-1	U
P-1221-104	T - OWA	12/21/93	CL	NYSDOH 311-1	U
P-1221-105	U - OWA	12/21/93	CL	NYSDOH 311-1	U
P-0105-106	A - OWA	01/05/94	CL	NYSDOH 311-1	U
P-0105-107	B - OWA	01/05/94	CL	NYSDOH 311-1	U
P-0105-108	C - OWA	01/05/94	CL	NYSDOH 311-1	U
P-0105-109	D - OWA	01/05/94	CL	NYSDOH 311-1	U
P-0105-110	C - OWA	01/05/94	CL	NYSDOH 311-1	U
P-0105-111	Y - OWA	01/05/94	CL	NYSDOH 311-1	U
P-0105-112	A - OWA	01/05/94	CL	NYSDOH 311-1	U
P-0105-113	F - OWA	01/05/94	CL	NYSDOH 311-1	U
P-0111-114	A - OWA	01/11/94	CL	NYSDOH 311-1	U
P-0111-115	B - OWA	01/11/94	CL	NYSDOH 311-1	U
P-0111-116	C - OWA	01/11/94	CL	NYSDOH 311-1	U
P-0111-117	D - OWA	01/11/94	CL	NYSDOH 311-1	U

ABBREVIATIONS:

CL - Chopra Lee
 IWA - Inside Work Area
 NYSDOH 311-1 - New York State Department of Health Method 311-1.
 OWA - Outside Work Area
 U - Undetectable

D-4
PCB Volatilized Personal Sampling Results

Table D-4
PCB Volatilized Personal Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results</i>
P-1014-01	TITUS	10/14/93	CL	NYSDOH 311-1	U
P-1015-02	SURDYK	10/15/93	CL	NYSDOH 311-1	U
P-1021-03	FISHER	10/21/93	CL	NYSDOH 311-1	U
P-1026-04	FISHER	10/26/93	CL	NYSDOH 311-1	U
P-1028-05	FISHER	10/28/93	CL	NYSDOH 311-1	U
P-1101-06	TITUS	11/01/93	CL	NYSDOH 311-1	U
P-1112-07	SEITTER	11/12/93	CL	NYSDOH 311-1	U
P-1117-08	CARTWRIGHT	11/17/93	CL	NYSDOH 311-1	U
P-1119-09	CARTWRIGHT	11/19/93	CL	NYSDOH 311-1	U
P-1124-10	SEITTER	11/24/93	CL	NYSDOH 311-1	U
P-1126-11	SEITTER	11/26/93	CL	NYSDOH 311-1	U
P-1201-12	SURDYK	12/01/93	CL	NYSDOH 311-1	U
P-1202-13	ECKER	12/02/93	CL	NYSDOH 311-1	U
P-1206-14	LARAWAY	12/06/93	CL	NYSDOH 311-1	U
P-1209-15	SURDYK	12/09/93	CL	NYSDOH 311-1	U
P-1214-16	ECKER	12/14/93	CL	NYSDOH 311-1	U
P-1215-17	SURDYK	12/15/93	CL	NYSDOH 311-1	U
P-1221-18	SURDYK	12/21/93	CL	NYSDOH 311-1	U
P-1230-19	SEITTER	12/30/93	CL	NYSDOH 311-1	U
P-0107-20	SURDYK	01/07/94	CL	NYSDOH 311-1	U
P-0111-21	TITUS	01/11/94	CL	NYSDOH 311-1	U

ABBREVIATIONS:

CL - Chopra Lee
 NYSDOH 311-1 - New York State Department of Health Method 311-1.
 U - Undetectable

D-5
Hydro Carbon (TOV) Documentation
Sampling Results

Table D-5
Hydrocarbon (TOV) Documentation Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results</i>
TOV-0903-01	A - OWA	09/03/93	AEL	NIOSH	Samples Void
TOV-0903-02	B - OWA	09/03/93	AEL	NIOSH	Samples Void
TOV-0903-03	C - OWA	09/03/93	AEL	NIOSH	Samples Void
TOV-0903-04	D - OWA	09/03/93	AEL	NIOSH	Samples Void
TOV-0907-05	H - OWA	09/07/93	AEL	NIOSH	Samples Void
TOV-0907-06	E - OWA	09/07/93	AEL	NIOSH	Samples Void
TOV-0907-07	F - OWA	09/07/93	AEL	NIOSH	Samples Void
TOV-0907-08	G - OWA	09/07/93	AEL	NIOSH	Samples Void
TOV-0916-09	E - OWA	09/16/93	AEL	NIOSH	Samples Void
TOV-0916-10	F - OWA	09/16/93	AEL	NIOSH	Samples Void
TOV-0916-11	G - OWA	09/16/93	AEL	NIOSH	Samples Void
TOV-0916-12	H - OWA	09/16/93	AEL	NIOSH	Samples Void
TOV-0916-13	I - IWA	09/16/93	AEL	NIOSH	Samples Void
TOV-0927-14	E - OWA	09/27/93	AEL	NIOSH	Samples Void
TOV-0927-15	F - OWA	09/27/93	AEL	NIOSH	Samples Void
TOV-0927-16	G - OWA	09/27/93	AEL	NIOSH	Samples Void
TOV-0927-17	H - OWA	09/27/93	AEL	NIOSH	Samples Void
TOV-0927-18	I - IWA	09/27/93	AEL	NIOSH	Samples Void
TOV-1013-19	J - OWA	10/13/93	AEL	NIOSH	BQL
TOV-1013-20	K - OWA	10/13/93	AEL	NIOSH	BQL
TOV-1013-21	L - OWA	10/13/93	AEL	NIOSH	BQL
TOV-1013-22	M - OWA	10/13/93	AEL	NIOSH	BQL
TOV-1014-23	Q - OWA	10/14/93	AEL	NIOSH	BQL
TOV-1014-24	N - OWA	10/14/93	AEL	NIOSH	BQL
TOV-1014-25	O - OWA	10/14/93	AEL	NIOSH	BQL
TOV-1014-26	P - OWA	10/14/93	AEL	NIOSH	BQL
TOV-1019-27	E - OWA	10/19/93	AEL	NIOSH	BQL
TOV-1019-28	F - OWA	10/19/93	AEL	NIOSH	BQL
TOV-1019-29	G - OWA	10/19/93	AEL	NIOSH	BQL
TOV-1019-30	H - OWA	10/19/93	AEL	NIOSH	BQL
TOV-1021-31	J - OWA	10/21/93	AEL	NIOSH	BQL
TOV-1021-32	K - OWA	10/21/93	AEL	NIOSH	BQL
TOV-1021-33	L - OWA	10/21/93	AEL	NIOSH	BQL
TOV-1021-34	M - OWA	10/21/93	AEL	NIOSH	BQL
TOV-1027-35	R - OWA	10/27/93	AEL	NIOSH	BQL
TOV-1027-36	S - OWA	10/27/93	AEL	NIOSH	BQL
TOV-1027-37	T - OWA	10/27/93	AEL	NIOSH	BQL
TOV-1027-38	U - OWA	10/27/93	AEL	NIOSH	BQL
TOV-1028-39	A - OWA	10/28/93	AEL	NIOSH	BQL
TOV-1028-40	B - OWA	10/28/93	AEL	NIOSH	BQL
TOV-1028-41	C - OWA	10/28/93	AEL	NIOSH	BQL
TOV-1028-42	D - OWA	10/28/93	AEL	NIOSH	BQL
TOV-1103-43	A - OWA	11/03/93	AEL	NIOSH	BQL
TOV-1103-44	B - OWA	11/03/93	AEL	NIOSH	BQL
TOV-1103-45	C - OWA	11/03/93	AEL	NIOSH	BQL
TOV-1103-46	D - OWA	11/03/93	AEL	NIOSH	BQL

Table D-5
Hydrocarbon (TOV) Documentation Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results</i>
TOV-1109-47	B - OWA	11/09/93	AEL	NIOSH	BQL
TOV-1109-48	C - OWA	11/09/93	AEL	NIOSH	BQL
TOV-1109-49	D - OWA	11/09/93	AEL	NIOSH	BQL
TOV-1109-50	A - OWA	11/09/93	AEL	NIOSH	BQL
TOV-1111-51	A - OWA	11/11/93	AEL	NIOSH	BQL
TOV-1111-52	B - OWA	11/11/93	AEL	NIOSH	BQL
TOV-1111-53	C - OWA	11/11/93	AEL	NIOSH	BQL
TOV-1111-54	D - OWA	11/11/93	AEL	NIOSH	BQL
TOV-1115-55	A - OWA	11/15/93	AEL	NIOSH	BQL
TOV-1115-56	B - OWA	11/15/93	AEL	NIOSH	BQL
TOV-1115-57	C - OWA	11/15/93	AEL	NIOSH	BQL
TOV-1115-58	D - OWA	11/15/93	AEL	NIOSH	BQL
TOV-1119-59	A - OWA	11/19/93	AEL	NIOSH	BQL
TOV-1119-60	B - OWA	11/19/93	AEL	NIOSH	BQL
TOV-1119-61	C - OWA	11/19/93	AEL	NIOSH	BQL
TOV-1119-62	D - OWA	11/19/93	AEL	NIOSH	BQL
TOV-1122-63	A - OWA	11/22/93	AEL	NIOSH	BQL
TOV-1122-64	B - OWA	11/22/93	AEL	NIOSH	BQL
TOV-1122-65	C - OWA	11/22/93	AEL	NIOSH	BQL
TOV-1122-66	D - OWA	11/22/93	AEL	NIOSH	BQL
TOV-1124-67	E - OWA	11/24/93	AEL	NIOSH	BQL
TOV-1124-68	F - OWA	11/24/93	AEL	NIOSH	BQL
TOV-1124-69	G - OWA	11/24/93	AEL	NIOSH	BQL
TOV-1124-70	H - OWA	11/24/93	AEL	NIOSH	BQL
TOV-1201-71	E - OWA	12/01/93	AEL	NIOSH	BQL
TOV-1201-72	F - OWA	12/01/93	AEL	NIOSH	72 mg/m ³
TOV-1201-73	G - OWA	12/01/93	AEL	NIOSH	BQL
TOV-1201-74	H - OWA	12/01/93	AEL	NIOSH	BQL
TOV-1203-75	A - OWA	12/03/93	AEL	NIOSH	BQL
TOV-1203-76	B - OWA	12/03/93	AEL	NIOSH	BQL
TOV-1203-77	C - OWA	12/03/93	AEL	NIOSH	BQL
TOV-1203-78	D - OWA	12/03/93	AEL	NIOSH	BQL
TOV-1207-79	A - OWA	12/07/93	AEL	NIOSH	BQL
TOV-1207-80	B - OWA	12/07/93	AEL	NIOSH	BQL
TOV-1207-81	C - OWA	12/07/93	AEL	NIOSH	BQL
TOV-1207-82	D - OWA	12/07/93	AEL	NIOSH	BQL
TOV-1210-83	A - OWA	12/10/93	AEL	NIOSH	BQL
TOV-1210-84	B - OWA	12/10/93	AEL	NIOSH	BQL
TOV-1210-85	C - OWA	12/10/93	AEL	NIOSH	BQL
TOV-1210-86	D - OWA	12/10/93	AEL	NIOSH	BQL
TOV-1213-87	Q - OWA	12/13/93	AEL	NIOSH	BQL
TOV-1213-88	N - OWA	12/13/93	AEL	NIOSH	BQL
TOV-1213-89	O - OWA	12/13/93	AEL	NIOSH	BQL
TOV-1213-90	P - OWA	12/13/93	AEL	NIOSH	BQL

Table D-5
Hydrocarbon (TOV) Documentation Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results</i>
TOV-1217-91	C - OWA	12/17/93	AEL	NIOSH	BQL
TOV-1217-92	Y - OWA	12/17/93	AEL	NIOSH	BQL
TOV-1217-93	A - OWA	12/17/93	AEL	NIOSH	BQL
TOV-1217-94	F - OWA	12/17/93	AEL	NIOSH	BQL
TOV-1229-95	N - OWA	12/29/93	AEL	NIOSH	BQL
TOV-1229-96	O - OWA	12/29/93	AEL	NIOSH	BQL
TOV-1229-97	P - OWA	12/29/93	AEL	NIOSH	BQL
TOV-1229-98	Q - OWA	12/29/93	AEL	NIOSH	BQL
TOV-0104-99	R - OWA	01/04/94	AEL	NIOSH	BQL
TOV-0104-100	S - OWA	01/04/94	AEL	NIOSH	BQL
TOV-0104-101	T - OWA	01/04/94	AEL	NIOSH	BQL
TOV-0104-102	U - OWA	01/04/94	AEL	NIOSH	BQL
TOV-0106-103	C - OWA	01/06/94	AEL	NIOSH	BQL
TOV-0106-104	Y - OWA	01/06/94	AEL	NIOSH	BQL
TOV-0106-105	A - OWA	01/06/94	AEL	NIOSH	BQL
TOV-0106-106	F - OWA	01/06/94	AEL	NIOSH	BQL
TOV-0111-107	A - OWA	01/11/94	AEL	NIOSH	BQL
TOV-0111-108	B - OWA	01/11/94	AEL	NIOSH	BQL
TOV-0111-109	C - OWA	01/11/94	AEL	NIOSH	BQL
TOV-0111-110	D - OWA	01/11/94	AEL	NIOSH	BQL

ABBREVIATIONS:

- AEL - American Environmental Laboratory
- BQL - Below Qualitative Limits
- IWA - Inside Work Area
- OWA - Outside Work Area
- U - Undetectable

D-6

Hydrocarbon (TOV) Personal Sampling Results

Table D-6
Hydrocarbon (TOV) Personal Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results</i>
TOV-0907-01	METZ	09/07/93	AEL	NIOSH	N/A
TOV-0908-02	METZ	09/08/93	AEL	NIOSH	N/A
TOV-1011-03	TITUS	10/13/93	AEL	NIOSH	BQL
TOV-1015-04	TITUS	10/15/93	AEL	NIOSH	BQL
TOV-1019-05	SEITTER	10/19/93	AEL	NIOSH	BQL
TOV-1022-06	GOULD	10/22/93	AEL	NIOSH	BQL
TOV-1025-07	FISHER	10/25/93	AEL	NIOSH	BQL
TOV-1028-08	SEITTER	10/28/93	AEL	NIOSH	BQL
TOV-1103-09	TITUS	11/03/93	AEL	NIOSH	BQL
TOV-1111-10	CARTWRIGHT	11/11/93	AEL	NIOSH	N/A
TOV-1115-11	SEITTER	11/15/93	AEL	NIOSH	BQL
TOV-1117-12	SEITTER	11/17/93	AEL	NIOSH	BQL
TOV-1123-13	CARTWRIGHT	11/23/93	AEL	NIOSH	BQL
TOV-1130-14	ECKER	11/30/93	AEL	NIOSH	BQL
TOV-1203-15	COROWAY	12/03/93	AEL	NIOSH	BQL
TOV-1207-16	SURDYK	12/07/93	AEL	NIOSH	BQL
TOV-1210-17	ECKER	12/10/93	AEL	NIOSH	BQL
TOV-1214-18	SURDYK	12/14/93	AEL	NIOSH	BQL
TOV-1217-19	SURDYK	12/17/93	AEL	NIOSH	BQL
TOV-1229-20	CARTWRIGHT	12/29/93	AEL	NIOSH	N/A
TOV-0104-21	SURDYK	01/04/94	AEL	NIOSH	BQL
TOV-0106-22	SURDYK	01/06/94	AEL	NIOSH	BQL

ABBREVIATIONS:

- AEL - American Environmental Laboratory
- BQL - Below Qualitative Limits
- CL - Chopra Lee
- IWA - Inside Work Area
- N/A - Not Available
- OWA - Outside Work Area

D-7
Total Dust Documentation Sampling Results

Table D-7

Total Dust Documentation Sampling Results

New York State Department Of Environmental Conservation
Schrecks Scrapyard Site No. 9-32-099

Sample Number	Location	Date Sampled	Laboratory	Type Of Analysis	Results (mg/m ³)
D-0907-01	H - OWA	09/07/93	CL	NIOSH 0500	0.04
D-0907-02	E - OWA	09/07/93	CL	NIOSH 0500	0.10
D-0907-03	F - OWA	09/07/93	CL	NIOSH 0500	0.03
D-0907-04	G - OWA	09/07/93	CL	NIOSH 0500	0.06
D-0915-05	A - OWA	09/15/93	CL	NIOSH 0500	0.05
D-0915-06	B - OWA	09/15/93	CL	NIOSH 0500	0.05
D-0915-07	C - OWA	09/15/93	CL	NIOSH 0500	0.06
D-0915-08	D - OWA	09/15/93	CL	NIOSH 0500	0.08
D-0916-09	E - OWA	09/16/93	CL	NIOSH 0500	0.03
D-0916-10	F - OWA	09/16/93	CL	NIOSH 0500	0.08
D-0916-11	G - OWA	09/16/93	CL	NIOSH 0500	0.01
D-0916-12	H - OWA	09/16/93	CL	NIOSH 0500	0.01
D-0916-13	I - IWA	09/16/93	CL	NIOSH 0500	0.08
D-0921-14	BD1 - OWA	09/21/93	CL	NIOSH 0500	0.27
D-0921-15	BD2 - OWA	09/21/93	CL	NIOSH 0500	0.03
D-0921-16	BD3 - OWA	09/21/93	CL	NIOSH 0500	0.06
D-0921-17	BD4 - OWA	09/21/93	CL	NIOSH 0500	0.02
D-0921-18	BD5 - IWA	09/21/93	CL	NIOSH 0500	0.08
D-1007-19	A - OWA	10/07/93	CL	NIOSH 0500	0.05
D-1007-20	B - OWA	10/07/93	CL	NIOSH 0500	0.09
D-1007-21	C - OWA	10/07/93	CL	NIOSH 0500	0.22
D-1007-22	D - OWA	10/07/93	CL	NIOSH 0500	0.02
D-1007-23	I - IWA	10/07/93	CL	NIOSH 0500	0.01
D-1012-24	A - OWA	10/12/93	CL	NIOSH 0500	0.01
D-1012-25	B - OWA	10/12/93	CL	NIOSH 0500	0.08
D-1012-26	C - OWA	10/12/93	CL	NIOSH 0500	0.08
D-1012-27	D - OWA	10/12/93	CL	NIOSH 0500	0.08
D-1013-28	J - OWA	10/13/93	CL	NIOSH 0500	0.08
D-1013-29	K - OWA	10/13/93	CL	NIOSH 0500	0.08
D-1013-30	L - OWA	10/13/93	CL	NIOSH 0500	0.08
D-1013-31	M - OWA	10/13/93	CL	NIOSH 0500	0.08
D-1018-32	R - OWA	10/18/93	CL	NIOSH 0500	0.08
D-1018-33	S - OWA	10/18/93	CL	NIOSH 0500	0.08
D-1018-34	T - OWA	10/18/93	CL	NIOSH 0500	0.08
D-1018-35	U - OWA	10/18/93	CL	NIOSH 0500	0.08
D-1022-36	A - OWA	10/22/93	CL	NIOSH 0500	2.64
D-1022-37	B - OWA	10/22/93	CL	NIOSH 0500	0.22
D-1022-38	C - OWA	10/22/93	CL	NIOSH 0500	0.16
D-1022-39	D - OWA	10/22/93	CL	NIOSH 0500	0.23
D-1025-40	E - OWA	10/25/93	CL	NIOSH 0500	0.39
D-1025-41	F - OWA	10/25/93	CL	NIOSH 0500	N/A
D-1025-42	G - OWA	10/25/93	CL	NIOSH 0500	N/A
D-1025-43	H - OWA	10/25/93	CL	NIOSH 0500	N/A
D-1029-44	A - OWA	10/29/93	CL	NIOSH 0500	0.31
D-1029-45	B - OWA	10/29/93	CL	NIOSH 0500	0.60
D-1029-46	C - OWA	10/29/93	CL	NIOSH 0500	0.58
D-1029-47	D - OWA	10/29/93	CL	NIOSH 0500	0.54

Table D-7
Total Dust Documentation Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results (mg/m³)</i>
D-1102-48	A - OWA	11/02/93	CL	NIOSH 0500	0.05
D-1102-49	B - OWA	11/02/93	CL	NIOSH 0500	0.09
D-1102-50	C - OWA	11/02/93	CL	NIOSH 0500	0.05
D-1102-51	D - OWA	11/02/93	CL	NIOSH 0500	0.05
D-1108-52	N - OWA	11/08/93	CL	NIOSH 0500	0.25
D-1108-53	O - OWA	11/08/93	CL	NIOSH 0500	0.18
D-1108-54	P - OWA	11/08/93	CL	NIOSH 0500	0.27
D-1108-55	Q - OWA	11/08/93	CL	NIOSH 0500	0.47
D-1112-56	J - OWA	11/12/93	CL	NIOSH 0500	0.11
D-1112-57	K - OWA	11/12/93	CL	NIOSH 0500	0.24
D-1112-58	L - OWA	11/12/93	CL	NIOSH 0500	0.52
D-1112-59	M - OWA	11/12/93	CL	NIOSH 0500	0.23
D-1116-60	E - OWA	11/16/93	CL	NIOSH 0500	0.17
D-1116-61	F - OWA	11/16/93	CL	NIOSH 0500	0.10
D-1116-62	G - OWA	11/16/93	CL	NIOSH 0500	0.04
D-1116-63	H - OWA	11/16/93	CL	NIOSH 0500	0.53
D-1118-64	A - OWA	11/18/93	CL	NIOSH 0500	0.14
D-1118-65	B - OWA	11/18/93	CL	NIOSH 0500	0.31
D-1118-66	C - OWA	11/18/93	CL	NIOSH 0500	0.29
D-1118-67	D - OWA	11/18/93	CL	NIOSH 0500	0.02
D-1126-68	E - OWA	11/26/93	CL	NIOSH 0500	0.11
D-1126-69	F - OWA	11/26/93	CL	NIOSH 0500	< 0.02
D-1126-70	G - OWA	11/26/93	CL	NIOSH 0500	0.11
D-1126-71	H - OWA	11/26/93	CL	NIOSH 0500	0.104
D-1130-72	R - OWA	11/30/93	CL	NIOSH 0500	0.017
D-1130-73	S - OWA	11/30/93	CL	NIOSH 0500	0.050
D-1130-74	T - OWA	11/30/93	CL	NIOSH 0500	0.050
D-1130-75	U - OWA	11/30/93	CL	NIOSH 0500	0.050
D-1202-76	N - OWA	12/02/93	CL	NIOSH 0500	0.073
D-1202-77	O - OWA	12/02/93	CL	NIOSH 0500	0.018
D-1202-78	P - OWA	12/02/93	CL	NIOSH 0500	0.118
D-1202-79	Q - OWA	12/02/93	CL	NIOSH 0500	0.055
D-1206-80	V - OWA	12/06/93	CL	NIOSH 0500	0.056
D-1206-81	W - OWA	12/06/93	CL	NIOSH 0500	0.167
D-1206-82	X - OWA	12/06/93	CL	NIOSH 0500	0.074
D-1206-83	Y - OWA	12/06/93	CL	NIOSH 0500	0.130
D-1208-84	N - OWA	12/08/93	CL	NIOSH 0500	0.081
D-1208-85	O - OWA	12/08/93	CL	NIOSH 0500	0.152
D-1208-86	P - OWA	12/08/93	CL	NIOSH 0500	0.040
D-1208-87	Q - OWA	12/08/93	CL	NIOSH 0500	0.129
D-1214-88	C - OWA	12/14/93	CL	NIOSH 0500	0.225
D-1214-89	Y - OWA	12/14/93	CL	NIOSH 0500	0.042
D-1214-90	A - OWA	12/14/93	CL	NIOSH 0500	0.033
D-1214-91	F - OWA	12/14/93	CL	NIOSH 0500	0.017

Table D-7
Total Dust Documentation Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results (mg/m³)</i>
D-1215-92	C - OWA	12/15/93	CL	NIOSH 0500	0.063
D-1215-93	Y - OWA	12/15/93	CL	NIOSH 0500	0.063
D-1215-94	A - OWA	12/15/93	CL	NIOSH 0500	0.018
D-1215-95	F - OWA	12/15/93	CL	NIOSH 0500	0.063
D-1220-96	Q - OWA	12/20/93	CL	NIOSH 0500	0.134
D-1220-97	N - OWA	12/20/93	CL	NIOSH 0500	0.104
D-1220-98	O - OWA	12/20/93	CL	NIOSH 0500	0.535
D-1220-99	P - OWA	12/20/93	CL	NIOSH 0500	0.031
D-1228-100	J - OWA	12/28/93	CL	NIOSH 0500	0.034
D-1228-101	K - OWA	12/28/93	CL	NIOSH 0500	0.111
D-1228-102	L - OWA	12/28/93	CL	NIOSH 0500	0.068
D-1228-103	M - OWA	12/28/93	CL	NIOSH 0500	0.068
D-1230-104	A - OWA	12/30/93	CL	NIOSH 0500	0.233
D-1230-105	B - OWA	12/30/93	CL	NIOSH 0500	0.234
D-1230-106	C - OWA	12/30/93	CL	NIOSH 0500	0.078
D-1230-107	D - OWA	12/30/93	CL	NIOSH 0500	0.134
D-0105-108	A - OWA	01/05/94	CL	NIOSH 0500	0.081
D-0105-109	B - OWA	01/05/94	CL	NIOSH 0500	0.178
D-0105-110	C - OWA	01/05/94	CL	NIOSH 0500	0.178
D-0105-111	D - OWA	01/05/94	CL	NIOSH 0500	0.164
D-0107-112	C - OWA	01/07/94	CL	NIOSH 0500	< 0.042
D-0107-113	Y - OWA	01/07/94	CL	NIOSH 0500	0.354
D-0107-114	A - OWA	01/07/94	CL	NIOSH 0500	0.208
D-0107-115	F - OWA	01/07/94	CL	NIOSH 0500	0.146

ABBREVIATIONS:

CL - Chopra Lee
 IWA - Inside Work Area
 N/A - Not Available
 OWA - Outside Work Area
 U - Undetectable

D-8
Total Dust Personal Sampling Results

Table D-8
Total Dust Personal Sampling Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results (mg/m³)</i>
D-0903-01	GOULD	09/03/93	CL	NIOSH 0500	0.060
D-0908-02	SURDYK	09/08/93	CL	NIOSH 0500	0.440
D-1012-03	TITUS	10/12/93	CL	NIOSH 0500	0.106
D-1013-04	SURDYK	10/13/93	CL	NIOSH 0500	0.121
D-1022-05	TITUS	10/22/93	CL	NIOSH 0500	0.078
D-1027-06	GOULD	10/27/93	CL	NIOSH 0500	0.112
D-1029-07	TITUS	10/29/93	CL	NIOSH 0500	0.080
D-1102-08	SEITTER	11/02/93	CL	NIOSH 0500	0.260
D-1104-09	SEITTER	11/04/93	CL	NIOSH 0500	0.156
D-1109-10	SEITTER	11/09/93	CL	NIOSH 0500	0.260
D-1115-11	SURDYK	11/15/93	CL	NIOSH 0500	0.049
D-1118-12	SEITTER	11/18/93	CL	NIOSH 0500	0.068
D-1122-13	SEITTER	11/22/93	CL	NIOSH 0500	0.138
D-1124-14	LARAWAY	11/24/93	CL	NIOSH 0500	0.099
D-1129-15	LARAWAY	11/29/93	CL	NIOSH 0500	0.188
D-1202-16	SURDYK	12/02/93	CL	NIOSH 0500	0.026
D-1206-17	SEITTER	12/06/93	CL	NIOSH 0500	0.089
D-1208-18	SEITTER	12/08/93	CL	NIOSH 0500	0.062
D-1213-19	SEITTER	12/13/93	CL	NIOSH 0500	0.248
D-1216-20	SEITTER	12/16/93	CL	NIOSH 0500	0.353
D-1221-21	SEITTER	12/21/93	CL	NIOSH 0500	0.135
D-1228-22	SURDYK	12/28/93	CL	NIOSH 0500	0.042
D-0103-23	ECKER	01/03/94	CL	NIOSH 0500	0.108
D-0107-24	ECKER	01/07/94	CL	NIOSH 0500	0.481
D-0111-25	SURDYK	01/11/94	CL	NIOSH 0500	0.063

ABBREVIATIONS:

CL - Chopra Lee

Appendix E
Not Used

Appendix F
Building Asbestos Air Sampling Results

Air Sampling Protocol

All air sampling was provided by a representative of *Chopra-Lee Inc., RJ Lee Group*. All preliminaries and daily sampling used a mixed cellulose ester (MCE) filter membrane 25mm in diameter with a .8 μ m pore size and analyzed on the Microscore™ system in accordance with the NIOSH 7400 Method A rules.

Air sampling equipment was calibrated using an SKC film pump calibrator model #302. In the field, the pumps were calibrated using a visifloat rotometer. The pumps used were *Dayton Speedair* ®, high volume capable of 1 to 15 L/min.

The respirator worn by the air monitoring representative was equipped with a high efficiency particulate air (HEPA) filter. The monitoring representatives had all the required medical examinations and fit tests and are qualified to wear a respirator.

For final clearance, aggressive sampling techniques were performed in accordance with New York State Rule 56-17.2(f)(1)-(4). For Phase Contrast Microscopy analysis, the standard .8 μ m pore size MCE filter was used. All of the analysis was done at *Chopra-Lee Inc.* which is an ELAP accredited lab (#10954).

The sample numbers incorporate the job number, date, running number, and the type of sample. For instance, a sample number with a format such as:

100-0106-32-E

- 100 would be the job number
- 0106 represents the date, January 6.
- 32 is the running sample number
- E is the type of sample. The classifications are:

B - Background
E - Environmental
F - Final
P - Personal (OSHA)
X - Blank

The enclosed map is referenced to the letters found on the sample results.

Sample Results .01f/cc - Clearance Level

Phase Contrast Microscopy Results Table I

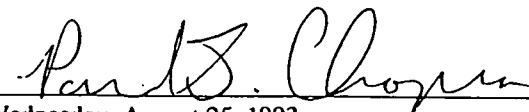
Airborne Fiber Concentration

Sample #	Field #	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
38625YP	138-0822-01	A. N area of roof Inside Work Area Background	0.7850	600.0	<7.0*	<0.0045*
38626YP	138-0822-02	B. W area of bldg Inside Work Area Background	0.7850	600.0	<7.0*	<0.0045*
38627YP	138-0822-03	C. NE area of bldg Inside Work Area Background	0.7850	600.0	<7.0*	<0.0045*
38628YP	138-0822-04	D. s area of roof Inside Work Area Background	0.7850	600.0	<7.0*	<0.0045*
38629YP	138-0822-05	E. SE area of bldg Inside Work Area Background	0.7850	600.0	<7.0*	<0.0045*
38630YP	138-0822-06	F. NW of bldg Outside Work Area Background	0.7850	600.0	<7.0*	<0.0045*
38631YP	138-0822-07	G. NE of bldg Outside Work Area Background	0.7850	600.0	<7.0*	<0.0045*
38632YP	138-0822-08	H. W of bldg Outside Work Area Background	0.7850	600.0	<7.0*	<0.0045*
38633YP	138-0822-09	I. E of bldg Outside Work Area Background	0.7850	600.0	<7.0*	<0.0045*
38634YP	138-0822-10	J. S of bldg Outside Work Area Background	0.7850	600.0	<7.0*	<0.0045*
38635YP	138-0822-11	Blank	0.7850	0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A Rules

Authorized Signature

Date Wednesday, August 25, 1993


Chopra-Lee Inc.
R.I Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
Telefax 716-773-7624

Phase Contrast Microscopy Results Table I

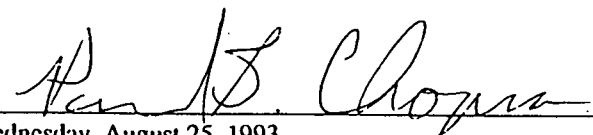
Airborne Fiber Concentration

Sample #	Field #	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
38636YP	138-0822-12	Blank	0.7850	0.0	<7.0*	-
38637YP	138-0823-13	F. NW of bldg Outside Work Area Environmental	0.7850	1365.0	<7.0*	<0.0020*
38638YP	138-0823-14	G. NE of bldg Outside Work Area Environmental	0.7850	1365.0	<7.0*	<0.0020*
38639YP	138-0823-15	H. W of bldg Outside Work Area Environmental	0.7850	1365.0	<7.0*	<0.0020*
38640YP	138-0823-16	I. E of bldg Outside Work Area Environmental	0.7850	1365.0	<7.0*	<0.0020*
38641YP	138-0823-17	J. S of bldg Outside Work Area Environmental	0.7850	1365.0	<7.0*	<0.0020*
38642YP	138-0823-18	Blank	0.7850	0	<7.0*	-
38643YP	138-0823-19	Blank	0.7850	0.0	<7.0*	-
38644YP	138-0824-20	F. NW of bldg Outside Work Area Environmental	0.7850	1260.0	<7.0*	<0.0021*
38645YP	138-0824-21	G. NE of bldg Outside Work Area Environmental	0.7850	1260.0	<7.0*	<0.0021*
38646YP	138-0824-22	H. W of bldg Outside Work Area Environmental	0.7850	1260.0	<7.0*	<0.0021*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A Rules

Authorized Signature

Date Wednesday, August 25, 1993


Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
Telefax 716-773-7624

Phase Contrast Microscopy Results Table I

Airborne Fiber Concentration

Sample #	Field #	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
38647YP	138-0824-23	I. E of bldg Outside Work Area Environmental	0.7850	1260.0	<7.0*	<0.0021*
38648YP	138-0824-24	J. S of bldg Outside Work Area Environmental	0.7850	1260.0	<7.0*	<0.0021*
38649YP	138-0824-25	Blank	0.7850	0	<7.0*	-
38650YP	138-0824-26	Blank	0.7850	0.0	<7.0*	-
38651YP	138-0824-27	A. N area of roof Inside Work Area Final	0.7850	600.0	<7.0*	<0.0045*
38652YP	138-0824-28	B. W area of roof Inside Work Area Final	0.7850	600.0	<7.0*	<0.0045*
38653YP	138-0824-29	C. NE area of bldg Inside Work Area Final	0.7850	600.0	<7.0*	<0.0045*
38654YP	138-0824-30	D. S area of roof Inside Work Area Final	0.7850	600.0	<7.0*	<0.0045*
38655YP	138-0824-31	E. SE area of bldg Inside Work Area Final	0.7850	600.0	<7.0*	<0.0045*
38656YP	138-0824-32	F. NW of bldg Outside Work Area Final	0.7850	600.0	<7.0*	<0.0045*
38657YP	138-0824-33	G. NE of bldg Outside Work Area Final	0.7850	600.0	<7.0*	<0.0045*

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A Rules

Authorized Signature

Date Wednesday, August 25, 1993

Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
Telefax 716-773-7624

Phase Contrast Microscopy Results Table I

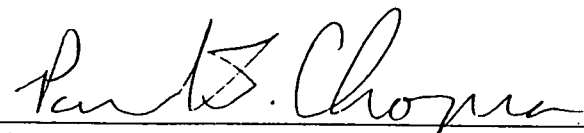
Airborne Fiber Concentration

Sample #	Field #	Sample Location	Analyzed Area (sq mm)	Sample Volume (liters)	Concentration (f/sq mm)	Concentration (f/cc)
38658YP	138-0824-34	H. W of bldg Outside Work Area Final	0.7850	600.0	<7.0*	<0.0045*
38659YP	138-0824-35	I. E of bldg Outside Work Area Final	0.7850	600.0	<7.0*	<0.0045*
38660YP	138-0824-36	J. S of bldg Outside Work Area Final	0.7850	600.0	<7.0*	<0.0045*
38661YP	138-0824-37	Blank	0.7850	0	<7.0*	-
38662YP	138-0824-38	Blank	0.7850	0.0	<7.0*	-

* Below Analytical Sensitivity

Prepared, counted & calculated in accordance with the NIOSH 7400 method A Rules

Authorized Signature

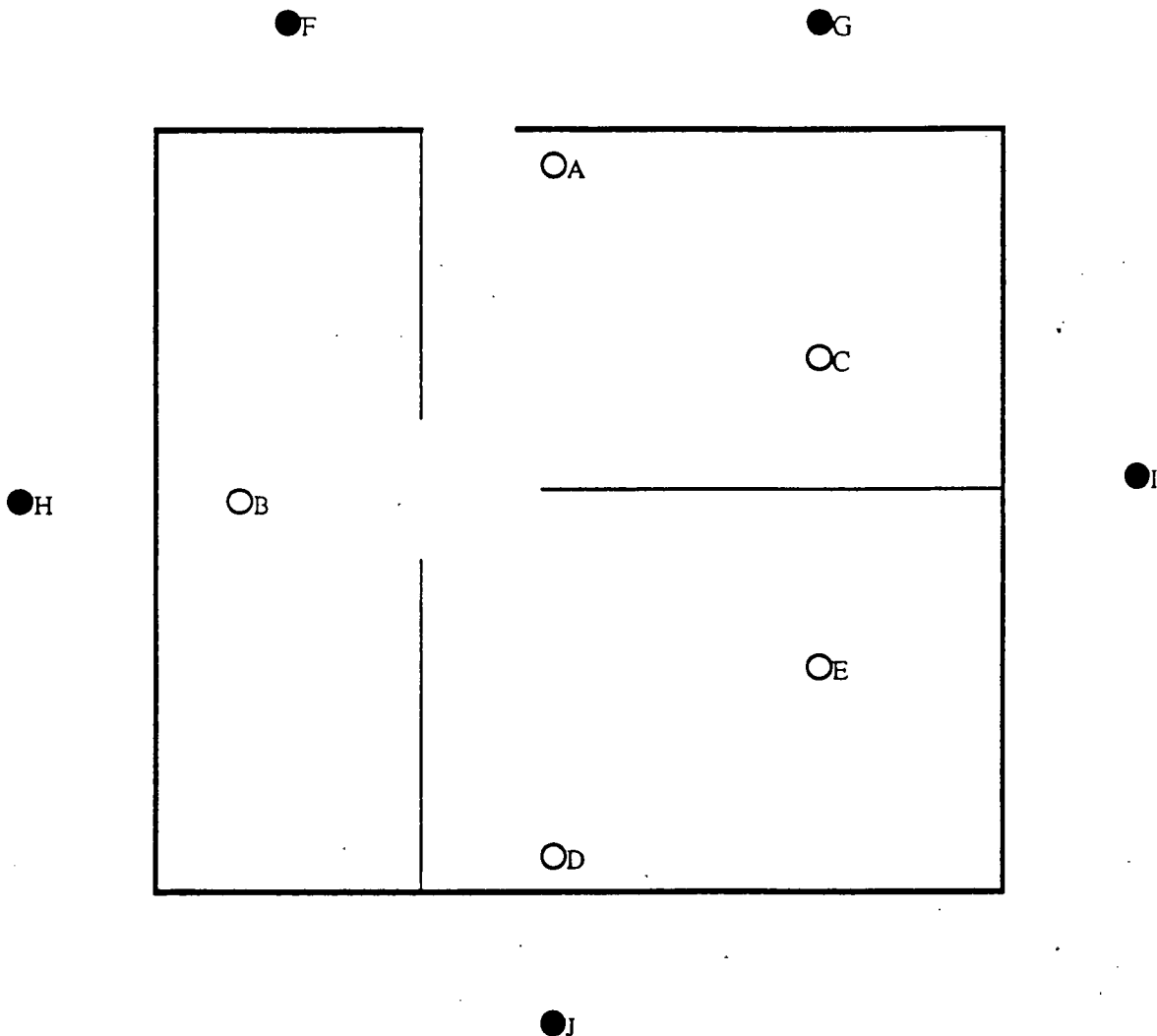


Date Wednesday, August 25, 1993

Chopra-Lee Inc.
RJ Lee Group

1741 Baseline Road
Grand Island, NY 14072

716-773-7625
Telefax 716-773-7624



Note: Samples A & D
are on the roof

Chopra-Lee Inc 1741 Baseline Road Grand Island, NY 14072	TITLE Schreck Scrapyard Office Building	
	TECHNICIAN F. Stachelski	COMPLETION DATE 8/24/93
LEGEND ↑ N ○ IWA Sample Location ● OWA Sample Location	DRAWN BY Joan Rydelek	DATE 8/31/93
	JOB NO. AFY308138	PAGE 1 OF 1

Appendix G Soil Sampling Results

- G-1 Test Trench Nos. 3, 5 and 7
- G-2 Site and Waste Characterization
- G-3 Confirmatory Samples
- G-4 Verification Samples
- G-5 UST Excavation

G-1
Test Trench Excavation Sampling Results

TT #3
TT #5
TT #7

File 9g



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03482

Date: SEPT 10 1993

Client:

Mr. Michael Farnsworth
Innovative Services Inc.
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard

P.O. #:

Received

: 09/07/93

ANALYTICAL RESULTS - ug/l

Sample:	-001
Location:	TEST
Date Collected:	TRENCH #3
Time Collected:	09/03/93
	16:00

TCLP Metals

Arsenic	0.500 U
Barium	1.60
Cadmium	0.100 U
Chromium	0.100 U
Lead	0.100 U
Mercury	0.0010 U
Selenium	0.500 U
Silver	0.100 U

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

ug/Kg = PPB

ug/g = PPM

mg/l = PPM

ug/l = ppb

***TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.

Data reported is unbiased on the above regulation.

Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03482

Date: SEPT 10 1993

Sample(s) Reference:

Schreck Scrapyard

client:

Mr. Michael Farnsworth
Innovative Services Inc.
5033 Transit Rd.
Depew, NY 14043

P.O. #:

: 09/07/93

Received

ANALYTICAL UNITS - as specified

Sample:	-001
Location:	TEST TRENCH #3
Date Collected:	09/03/93
Time Collected:	16:00

Ignitability °C

>100

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

Laboratory Director

TT3
sampled
9/3

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y.
(716)454-3760

Analyst: DAVE MASUCCI
Date: 09/09/93
Instrument: HP5890II-F
Date Extracted: 09/07/93
Date Analyzed: 09/08/93
RUN # 09 Dil. 1/20

LABORATORY REPORT

ANALYSIS: 91-3 CLP MODIFIED
LABORATORY REPORT

Client: INN SERVICES
Job #: R93/3481-1

Cleanups: H+ / S=

COLUMN 2: DB-1701

Initial Wt/Vol 30.0 gms	Final Vol 10 mls	Solid 0.89
-------------------------------	------------------------	---------------

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	DRY WEIGHT	
						Final Conc. (ug/kg)	Q
PCB 1016			100 U	3.0	20	750 U	
PCB 1221			200 U	3.0	20	1500 U	
PCB 1232			100 U	3.0	20	750 U	
PCB 1242	SEE	ATTACHED	54	3.0	20	400	J
PCB 1248			100 U	3.0	20	750 U	
PCB 1254	SEE	ATTACHED	190	3.0	20	1400	
PCB 1260	SEE	ATTACHED	77	3.0	20	580	J

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accept. Limits	Q
Tetrachloro-m-xylene				13.3	D	60-150	
Decachlorobiphenyl				13.3	D	60-150	

[Signature]
Analyst

TO: Inn. Services	FROM: Janice Jagg
CO: Michael Farnsworth	# OF PAGES 1
FAX #: 743-0585	CO: GENERAL TESTING CORP.
	FAX #: 716-454-1245
COMMENTS:	

GC/MS DATA SHEET

Test trench #3

FILE XE5970

OPERATOR RODH

0.89

SAMPLE R93/03482-001
 DATE 9/08/93
 DETECTION 125
 DATA FILE >XE5970::D
 METHOD NO. MS9

COMPOUND NAME	IDC	ug/Kg
Chloromethane	HSL01	700 U
Vinyl chloride	HSL03	700 U
Bromomethane	HSL02	700 U
Chloroethane	HSL04	700 U
Trichlorofluoromethane	HSL10	14000 U
Protein	HSL06	1400 U
Acetone	HSL07	700 U
1,1-Dichloroethene	HSL12	28000 U
n-Butyl Alcohol	TBA	700 U
Ethylene chloride	HSL05	1400 U
Carbon Disulfide	HSL09	14000 U
Acrylonitrile	HSL08	1400 U
Ethyl-t-Butyl Ether	MTBE	700 U
trans-1,2-Dichloroethene	502A	700 U
cis-1,2-Dichloroethene	HSL13	1400 U
2-Butanone	HSL16	700 U
cis-1,2-Dichloroethene	502C	700 U
Chloroform	HSL15	700 U
1,2-Dichloroethane	HSL17	1400 U
Vinyl Acetate	HSL11	700 U
1,1,1-Trichloroethane	HSL18	700 U
Carbon tetrachloride	HSL19	700 U
Benzene	HSL26	700 U
Trichloroethene	HSL23	700 U
1,2-Dichloropropane	HSL21	700 U
Bromodichloromethane	HSL20	700 U
cis-1,3-Dichloropropene	HSL27	700 U
trans-1,3-Dichloropropene	HSL22	700 U
1,1,2-Trichloroethane	HSL25	700 U
Dibromochloromethane	HSL24	700 U
Bromoform	HSL29	1400 U
4-Methyl-2-Pentanone	HSL30	700 U 700 U/T
2-Chloroethylvinyl ether	HSL28	700 U
Toluene	HSL34	1400 U
2-Hexanone	HSL31	700 U
Tetrachloroethene	HSL32	700 U
Chlorobenzene	HSL35	700 U
Ethylbenzene	HSL36	700 U
total-xylene (o+m+p)	HSL65	700 U
Styrene	HSL37	700 U
1,1,2,2-Tetrachloroethane	HSL33	700 U
1,3-Dichlorobenzene	HSL40	700 U
1,4-Dichlorobenzene	HSL41	700 U
1,2-Dichlorobenzene	HSL42	700 U

SURROGATE REC	IDC
1,2-Dichloroethane-d4	HSL43
	HSL44

% REC	LIMITS	
	WATER	SOIL
88	76-114	70-121
92	88-110	81-117
	94-115	74-121

DL
9/10/93

GC/MS DATA SHEET

FILE XN0954

test trench
#3

DE R93/03482-001
 ANALY 9/09/93
 TION 5
 FILE >N0954
 O. MS#1

OPERATOR RODH
 DATE EXT 09/08/93

.89

DRY WEIGHT
 ug/Kg
 =====

GROUND NAME		DRY WEIGHT ug/Kg =====

idine	6252ZL	110000 U
Nitrosodimethylamine	625A	56000 U
line	HSL50	56000 U
nol	625ZU	110000 U
3(-2-Chloroethyl)Ether	625B	56000 U
Chlorophenol	625ZV	110000 U
3-Dichlorobenzene	625C	56000 U
1-Dichlorobenzene	625D	56000 U
2-Dichlorobenzene	625E	56000 U
azyl Alcohol	HSL51	56000 U
2'-oxybis(1-Chloropropane)	625F	110000 U
Methylphenol	HSL46	56000 U
Nitroso-Di-n-propylamine	625G	56000 U
hexachloroethane	625H	110000 U
Methylphenol	HSL47	56000 U
trobenzene	625I	56000 U
ophorone	625J	110000 U
Nitrophenol	625ZW	560000 U
benzoic acid	HSL48	110000 U
4-Dimethylphenol	625ZX	56000 U
5(-2-Chloroethoxy)Methane	625K	110000 U
4-Dichlorophenol	625ZY	56000 U
2,4-Trichlorobenzene	625L	56000 U
naphthalene	625M	56000 U
2-Chloroaniline	HSL52	56000 U
hexachlorobutadiene	625N	56000 U
1-Methylnaphthalene	HSL53	110000 U
2-Chloro-3-methylphenol	625ZZ	56000 U
hexachlorocyclopentadiene	625O	110000 U
2,4,5-Trichlorophenol	HSL49	110000 U
2,4,6-Trichlorophenol	625ZZA	56000 U
1-Chloronaphthalene	625P	56000 U
2-Nitroaniline	HSL54	56000 U
1,3-Dimethyl Phthalate	625Q	56000 U
1,2,3-Tricyanaphthylene	625R	56000 U
2-Nitroaniline	HSL55	56000 U
1,2,3-Tricyanaphthene	625S	220000 U
2,4-Dinitrophenol	625ZZB	56000 U
1,2,3-Benzofuran	HSL56	220000 U
1-Nitrophenol	625ZZC	56000 U
2,4-Dinitrotoluene	625T	56000 U
2,6-Dinitrotoluene	625U	56000 U
1,2-Diethylphthalate	625V	56000 U
2,4-Dichlorophenyl-phenylether	625W	56000 U
1-Fluorene	625X	56000 U
2-Nitroaniline	HSL57	56000 U

test trench
3

SAMPLE R93/03482-001
DATE 9/09/93
LOCATION 5
DATA FILE >N0954
CONTAINER NO. MS#1

FILE XN0954

DRY WEIGHT
ug/Kg

POUND NAME		DRY WEIGHT ug/Kg
-----		-----
-Dinitro-2-methylphenol	625Z2D	220000 U
Diphenylhydrazine	625Y	56000 U
Nitrosodiphenylamine	625Z	56000 U
4-Nitrophenyl-phenylether	625ZA	56000 U
1,4-Dichlorobenzene	625ZB	56000 U
1,2-Dichlorophenol	625Z2E	220000 U
Anthracene	625ZC	56000 U
Fluoranthene	625ZD	56000 U
Benzo(a)anthracene	625ZD	56000 U
Indole	HSL70	56000 U
n-Butylphthalate	625ZE	56000 U
Fluoranthene	625ZG	56000 U
Acridine	625ZF	560000 U
Fluorene	625ZH	56000 U
2,2-Dimethyl benzyl phthalate	625ZI	56000 U
2,3-Dichlorobenzidine	625ZJ	56000 U
Benzo(a)anthracene	625ZK	56000 U
Diethylhexyl Phthalate	625ZL	56000 U
Fluorene	625ZM	56000 U
n-Octyl phthalate	625ZN	56000 U
Benzo(b)fluoranthene	625ZO	56000 U
Benzo(k)fluoranthene	625ZP	56000 U
Benzo(a)pyrene	625ZQ	56000 U
Benzo(1,2,3-cd)pyrene	625ZR	56000 U
Benzo(a,h)anthracene	625ZS	56000 U
Benzo(g,h,i)perylene	625ZT	56000 U

% REC

PROXIMATE REC		% REC
-----		-----
2-Fluorophenol	625Z2F	92
Phenol-d6	625Z2G	89
Nitrobenzene-d5	625Z2I	85
2-Fluorobiphenyl	625Z2J	107
2,4,6-Tribromophenol	625Z2H	110
Terphenyl-d14	625Z2K	118

TES

SURROGATE RECOVERY LIMITS

SURROGATE	SOIL
-----	-----
2-Fluorophenol	25-121 %
Phenol-d6	24-113
Nitrobenzene-d5	23-120
2-Fluorobiphenyl	30-115
2,4,6-Tribromophenol	19-122
Terphenyl-d14	18-137

General
Testing
Corporation



A Full Service Environmental Laboratory

October 12, 1993

Mr. Michael Marks
Innovative Services International Inc.
5033 Transit Road
Depew, NY 14043

Re: Durez Compound List

Dear Mr. Marks:

Enclosed are the results of the analysis requested. The Analytical Data was provided to you on 9/22/93 per a Facsimile transmittal. The complete target compound list has been reported for TR-7 and the special Durez compound list has been reported for TR-5 as per Michael Farnsworth. All data has been reviewed prior to report submission. Should there be any questions, please contact me at 454-3760.

Thank you for letting us provide this service.

Sincerely,

GENERAL TESTING CORPORATION

Janice M. Jaeger
Customer Service Representative

CASE NARRATIVE

COMPANY: Innovative Services International
Durez Compound List
JOB #: R93/03654

VOLATILE ORGANICS

ISI soil samples were analyzed for volatile organics by method 8260 from SW-846.

The initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within acceptance limits for all samples except for Bromofluorobenzene on sample R93/03654-001. This analysis was repeated and again the surrogate recovery was outside of limits. This analysis was repeated a third time at a 1/5 dilution, which brought the surrogate recovery within control limits but diluted out most of the target analytes therefore, was not used. The recovery has been flagged with an "*".

All QC data associated with this analysis was acceptable.

All laboratory blanks were free of any contamination.

Sample R93/03654-002 was analyzed at a 1/5 dilution to bring target analytes (specifically the xylenes and trimethylbenzenes) within the calibration range of the method and to dilute out the level of nontarget organics present in the sample which could swamp the mass spec detector. This dilution was originally determined by preanalysis screening and was confirmed by the actual analysis.

All required analysis holding times were met.

Note: At a later date, the client requested that these samples be quantitated for the whole Target Compound list. Fortunately, the GC/MS system was calibrated for these analytes also.

Note: As to why the methodology was switched from 8240 to 8260; basically, it was to more closely follow SW-846 protocol. The nontarget compound list volatiles requested are listed in the 8260 - capillary column method, not the 8240 - packed column method. The Trimethylbenzenes and 2-Chlorotoluene were done by method 8260 again, to more closely follow SW-846 protocol since they are not listed under method 8270. The Dichlorobenzenes are listed under both methods 8260 and 8270, with GTC preferring to do them by 8270 since all calibrations already exist under this method.

ISI R93/03654

SEMIVOLATILE ORGANICS

ISI soil samples were analyzed for semivolatile organics using SW-846 method 8270.

All the initial and continuing calibration criteria were met for this method.

All surrogate standard recoveries were within QC limits on all samples.

The recoveries for the Reference Check, MS/MSD, and precision QC data associated with these samples were acceptable.

Both samples were cleaned up using GPC before analysis.

Sample R93/03654-002 was analyzed at a 1/10 dilution due to the amount of nontarget organics detected in the sample. The analysis was originally done without dilution and the amount of organics swamped the MSD and caused unacceptable performance.

No analytical or QC problems were encountered.

Effective 10/1/91

GTC LIST OF QUALIFIERS

(The basis of this proposal are the EPA-CLP Qualifiers)

- U - Indicates compound was analyzed for but was not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. For further explanation see case narrative / cover letter.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range and reanalysis could not be performed.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- N - Spiked sample recovery not within control limits. (Flag the entire batch - Inorganic analytes only)
- * - Duplicate analysis not within control limits. (Flag the entire batch - Inorganic analysis only)
- Also used to qualify Organics QC data outside limits. (Only used on the QC summary sheets)
- M - Duplication injection precision not met (GFA only).
- S - Reported value determined by Method of Standard Additions. (MSA)
- X - As specified in the case narrative.



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03654

Date: OCT. 11 1993

Client:

Mr. Michael Marks
 Innovative Services International
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Durez Compound List

Received

: 09/17/93

P.O. #:

VOLATILES BY EPA METHOD 8260* ANALYTICAL RESULTS - ug/kg Dry Wt.

Sample:		-001	-002					
Location:		TR-5	TR-7					
Date Collected:		09/16/93	09/16/93					
Time Collected:	PQL	NA	NA					
Date Analyzed:		09/20/93	09/20/93					
Dilution:		1	1					
Benzene	5.0	5.3 U						
Toluene	5.0	7.9						
Tetrachloroethene	5.0	5.3 U						
Chlorobenzene	5.0	5.3 U						
Ethylbenzene	5.0	6.1						
(m+p)Xylene	5.0	29	320					
o-Xylene	5.0	27	170					
1,3,5-Trimethylbenzene	5.0	120	740					
2-Chlorotoluene	5.0	17	69					
1,2,4-Trimethylbenzene	5.0	82	750					
n-Butylbenzene	5.0	5.3 U	29 U					
Surrogate Standard Recoveries								
Dibromofluoromethane	80-120	107	99					
Toluene d8	81-117	87	96					
Bromofluorobenzene	59-113	55	96					

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03654

Date: OCT. 11 1993

Client:
 Mr. Michael Marks
 Innovative Services International
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference
 Durez Compound List

Received

: 09/17/93

P.O. #:

TCL VOLATILES BY EPA METHOD 8260* ANALYTICAL RESULTS - ug/kg Dry Wt.

Sample:		-002							
Location:		TR-7							
Date Collected:		09/16/93							
Time Collected:	PQL	NA							

Date Analyzed:		09/20/93							
Dilution:		1							
Chloromethane	5.0	29 U							
Bromomethane	5.0	29 U							
Vinyl Chloride	5.0	29 U							
Chloroethane	5.0	29 U							
Methylene Chloride	5.0	29 U							
Acetone	10	65							
Carbon Disulfide	10	58 U							
1,1-Dichloroethene	5.0	29 U							
1,1-Dichloroethane	5.0	29 U							
trans-1,2-Dichloroethene	5.0	29 U							
cis-1,2-Dichloroethene	5.0	29 U							
Chloroform	5.0	46							
2-Butanone (MEK)	10	58 U							
1,2-Dichloroethane	5.0	29 U							
1,1,1-Trichloroethane	5.0	29 U							
Carbon Tetrachloride	5.0	29 U							
Bromodichloromethane	5.0	29 U							
1,2-Dichloropropane	5.0	29 U							
1,3-Dichloropropene-Trans	5.0	29 U							
Trichloroethene	5.0	29 U							
Dibromochloromethane	5.0	29 U							
1,1,2-Trichloroethane	5.0	29 U							
Benzene	5.0	29 U							
1,3-Dichloropropene(Cis)	5.0	29 U							
Bromoform	5.0	29 U							
4-Methyl-2-pentanone(MIBK)	10	58 U							
2-Hexanone	10	58 U							
Tetrachloroethene	5.0	29 U							
1,1,2,2-Tetrachloroethane	5.0	29 U							
Toluene	5.0	49							
Chlorobenzene	5.0	29 U							



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03654

Date: OCT. 11 1993

Client:

Mr. Michael Marks
 Innovative Services International
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Durez Compound List

Received

: 09/17/93

P.O. #:

TCL VOLATILES BY EPA METHOD 8260* ANALYTICAL RESULTS - ug/kg Dry Wt.

Sample:		-002							
Location:		TR-7							
Date Collected:		09/16/93							
Time Collected:	PQL	NA							

Date Analyzed:		09/20/93							
Dilution:		1							
Ethylbenzene	5.0	77							
Styrene	5.0	29 U							
Total Xylene (o,m,p)	5.0	490							

Surrogate Standard Recoveries									

Dibromofluoromethane	80-120	99							
Toluene d8	81-117	96							
Bromofluorobenzene	59-113	96							

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.
 NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

Michael K. Perry
 Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job Number: R93/03654

Date: SEPT 22 1993

Client:
 Mr. Michael Marks
 Innovative Services International
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference
 Durez Compound List

Received

: 09/17/93

P.O. #:

SEMI VOLATILES BY EPA METHOD 8270* ANALYTICAL RESULTS - ug/kg Dry Wt.

Sample:	-001	-002					
Location:	TR-5	TR-7					
Date Collected:	09/16/93	09/16/93					
Time Collected:	PQL	NA	NA				
Date Extracted:	09/20/93	09/20/93					
Date Analyzed:	9/21/93	9/21/93					
Dilution:	1	10					
Phenol	670	710 U					
2-Chlorophenol	670	710 U					
1,3 Dichlorobenzene	330	350 U					
1,4 Dichlorobenzene	330	350 U					
1,2 Dichlorobenzene	330	350 U					
2-Methylphenol	670	710 U					
4-Chlorophenol	670	710 U					
4-Methylphenol	670	710 U					
2,4-Dimethylphenol	670	710 U					
1,2,4-Trichlorobenzene	330	350 U					
2,6-Dimethylphenol	670	710 U	7800 U				
1,2,3-Trichlorobenzene	330	350 U	3900 U				
1,2,4,5-Tetrachlorobenze	330	350 U	3900 U				
2,4,6-Trichlorophenol	670	710 U					
1,2,3,4-Tetrachlorobenzene	330	350 U	3900 U				
Dibenzofuran	330	350 U					
Pentachlorobenzene	330	350 U	3900 U				
Pentachlorophenol	1300	1400 U					
SURROGATE STANDARD RECOVERIES							
Nitrobenzene-d5	23-120%	94	112				
Phenol-d6	24-113%	42	50				
2-Fluorobiphenyl	30-115%	94	114				
2,4,6-Tribromophenol	19-122%	45	66				
Terphenyl-d14	18-137%	108	74				

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145 NY ID# in Hackensack: 10801

NJ ID# in Rochester: 73331 NJ ID# in Hackensack: 02317

Michael F. [Signature]
 Laboratory Director

LABORATORY REPORT

Job No: R93/03654

Date: OCT. 11 1993

Client:

Mr. Michael Marks
Innovative Services International
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Durez Compound List

Received

: 09/17/93

P.O. #:

TCL ACID EXTRACTABLES BY EPA METHOD 8270* ANALYTICAL RESULTS - ug/kg Dry Wt.

Sample:		-002							
Location:		TR-7							
Date Collected:		09/16/93							
Time Collected:	PQL	NA							

Date Extracted:		09/20/93							
Date Analyzed:		9/22/93							
Dilution:		10							
Phenol	670	7800 U							
2-Chlorophenol	670	7800 U							
2-Nitrophenol	670	7800 U							
2,4-Dimethylphenol	670	7800 U							
2,4-Dichlorophenol	670	7800 U							
4-Chloro-3-methylphenol	670	7800 U							
2,4,6-Trichlorophenol	670	7800 U							
2,4-Dinitrophenol	1300	16000 U							
4-Nitrophenol	1300	16000 U							
2-Methyl-4,6-dinitrophenol	1300	16000 U							
Pentachlorophenol	1300	1500 U							
2-Methylphenol	670	7800 U							
4-Methylphenol	670	7800 U							
2,4,5-Trichlorophenol	670	7800 U							
SURROGATE STANDARD RECOVERIES									

2-Fluorophenol	25-121X	93							
Phenol-d6	24-113X	97							
2,4,6-TriBromophenol	19-122X	105							

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

Michael F. Perry
Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03654

Date: OCT. 11 1993

Client:

Mr. Michael Marks
 Innovative Services International
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Durez Compound List

Received

: 09/17/93

P.O. #:

TCL BASE NEUTRALS BY EPA METHOD 8270* ANALYTICAL RESULTS - ug/kg Dry Wt.

Sample:		-002							
Location:		TR-7							
Date Collected:		09/16/93							
Time Collected:	PQL	NA							
Date Extracted:		09/20/93							
Date Analyzed:		9/22/93							
Dilution:		10							
N-Nitrosodimethylamine	330	3900 U							
Bis(2-chloroethyl) ether	330	3900 U							
1,3 Dichlorobenzene	330	3900 U							
1,4 Dichlorobenzene	330	3900 U							
1,2 Dichlorobenzene	330	3900 U							
2,2'oxybis(1-Chloropropane)	330	3900 U							
N-Nitroso-Di-n-propylamine	330	3900 U							
Hexachloroethane	330	3900 U							
Nitrobenzene	330	3900 U							
Isophorone	330	3900 U							
bis(-2-chloroethoxy)methane	330	3900 U							
1,2,4-Trichlorobenzene	330	3900 U							
Naphthalene	330	3900 U							
Hexachlorobutadiene	330	3900 U							
Hexachlorocyclopentadiene	330	3900 U							
2-Chloronaphthalene	330	3900 U							
Dimethyl phthalate	330	3900 U							
Acenaphthylene	330	3900 U							
Acenaphthene	330	3900 U							
2,4-Dinitrotoluene	330	3900 U							
2,6-Dinitrotoluene	330	3900 U							
Diethyl phthalate	330	3900 U							
4-Chlorophenyl-phenyl-ether	330	3900 U							
Fluorene	330	3900 U							
1,2-Diphenylhydrazine	330	3900 U							
N-Nitrosodiphenylamine	330	3900 U							
4-Bromophenyl-phenylether	330	3900 U							
Hexachlorobenzene	330	3900 U							
Phenanthrene	330	3900 U							
Anthracene	330	3900 U							
Di-n-butyl phthalate	330	3900 U							
Fluoranthene	330	3900 U							
Pyrene	330	3900 U							



LABORATORY REPORT

Job Number: R93/03654

Date: OCT. 11 1993

Client:

Mr. Michael Marks
Innovative Services International
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Durez Compound List

Received

: 09/17/93

P.O. #:

TCL BASE NEUTRALS BY EPA METHOD 8270* ANALYTICAL RESULTS - ug/kg Dry Wt.

Sample:		-002							
Location:		TR-7							
Date Collected:		09/16/93							
Time Collected:	PQL	NA							

Date Extracted:		09/20/93							
Date Analyzed:		9/22/93							
Dilution:		10							
Butyl benzyl phthalate	330	3900 U							
3,3'-Dichlorobenzidine	330	3900 U							
Benzo(a)anthracene	330	3900 U							
Bis(2-ethylhexyl)phthalate	330	7800							
Chrysene	330	3900 U							
Di-n-octyl phthalate	330	3900 U							
Benzo(b)Fluoranthene	330	3900 U							
Benzo(k)fluoranthene	330	3900 U							
Benzo(a)pyrene	330	3900 U							
Indeno(1,2,3-cd)pyrene	330	3900 U							
Dibenzo(a,h)anthracene	330	3900 U							
Benzo(g,h,i)perylene	330	3900 U							
4-Chloroaniline	330	3900 U							
2-Methyl Naphthalene	330	3900 U							
2-Nitroaniline	330	3900 U							
3-Nitroaniline	330	3900 U							
Dibenzofuran	330	3900 U							
4-Nitroaniline	330	3900 U							
Carbazole	330	3900 U							
SURROGATE STANDARD RECOVERIES									

Nitrobenzene-d5	23-120%	114							
2-Fluorobiphenyl	30-115%	106							
Terphenyl-d14	18-137%	118							

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145 NY ID# in Hackensack: 10801

NJ ID# in Rochester: 73331 NJ ID# in Hackensack: 02317

Laboratory Director

G-2

Soil Site and Waste Characterization Sampling Results

FORM EWER

SCHERCK STREET

SCHRECK'S SCRAPYARD S

north townanda, new

REMEDIAL ACTION

SOIL REMOVAL PRO

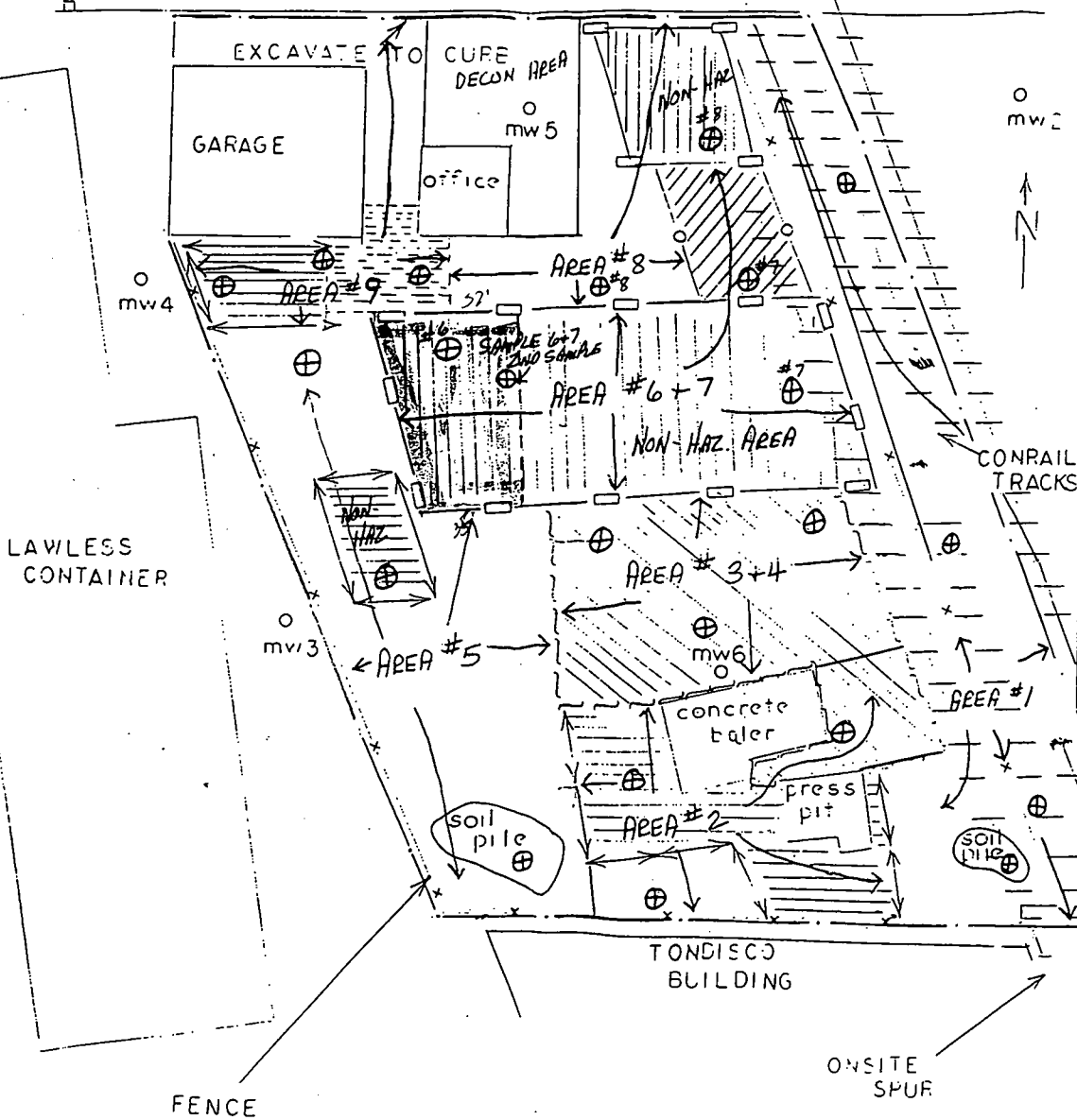
DATE 6/92 SCALE 1"=4'

EXCAVATION LIMITS

—	1 FEET
— — —	3 FEET
— — — —	4 FEET
— — — — —	5 FEET
— — — — — —	6 FEET
— — — — — — —	9 FEET

ENGINEER'S NOTES

1. soil piles first removed to existing grade
2. remove 1 foot below garage and office
3. excavation depths and limits are approximate and for estimation purposes only



drawn by:
STEVEN M. SCHARF

General
Testing
Corporation



DATE

8/26/93

File 99

A Full Service Environmental Laboratory
MAILED

August 26, 1993

Mr. Michael Farnsworth
Innovative Services International Inc.
5033 Transit Road
Depew, NY 14043

Re: Schrecks Scrapyard
Form U

Dear Mr. Farnsworth:

Enclosed are the results of the analysis requested. The Analytical Data was provided to you on 8/16 & 8/17/93 per a Facsimile transmittal. All data has been reviewed prior to report submission.

These samples were shipped unpreserved and received at our Amherst office by an improper chain of custody in an insecure state and at an ambient outdoor temperature. The client was notified and as per the client, General Testing analyzed the samples.

Thank you for letting us provide this service.

Sincerely,

GENERAL TESTING CORPORATION

Janice M. Jaeger
Customer Service Representative

CASE NARRATIVE

COMPANY: Innovative Services International
Schrecks Scrapyard
JOB #: R93/03101

INORGANIC ANALYSIS

ISI composite soil samples were analyzed for pH, Grease & Oil, Ignitability, Reactivity, % Solids and % Volatile Solids using EPA SW-846 methodologies. ISI soil samples were analyzed for inorganic analytes following the leaching procedure - ASTM method D3987-85. Also, ISI soil samples were analyzed for TCLP metals following the TCLP extraction procedure.

No analytical or QC problems were encountered with these analyses.

VOLATILE ORGANICS

ISI soil samples were analyzed for TCLP volatiles using method 8240 from SW-846 after the appropriate extraction.

All initial and continuing calibration criteria were met.

All surrogate standard recoveries were within acceptance limits for all samples.

All QC data associated with these samples was acceptable.

The Laboratory Method Blanks were free of contamination.

All analysis holding times were met.

No analytical or QC problems were encountered with this analysis.

SEMIVOLATILE ORGANICS

ISI soil samples were analyzed for TCLP semivolatile organics by method 8270 from SW-846 following the TCLP extraction.

All the initial and continuing calibration criteria were met for this method.

The Acid Extractable surrogate standard recoveries 2-Fluorophenol and Pheno-d6 for samples R93/03101-001 and 002 were outside of QC limits and have been flagged with an "*". All other surrogate standard recoveries were within QC limits.

ISI R93/03101

The Reference Check Standard, Matrix Spike/Matrix Spike Duplicate, and precision QC data associated with these samples was acceptable.

No analytical or QC problems were encountered.

PESTICIDE ANALYSIS

ISI soil samples were analyzed for TCL PCBs by method 8080 from SW-846 and for TCLP Pesticides and Herbicides after a TCLP extraction.

All initial and continuing calibration criteria were met.

All matrix spike, matrix spike duplicate, and reference check recoveries and precision data were acceptable.

The surrogate standard recovery for Tetrachloro-m-xylene on samples R93/03101-005 and 006 were diluted out and have been flagged with an "D". The recoveries for the other surrogates were acceptable.

Due to the levels of PCBs detected, samples R93/03101-005 and 006 were analyzed at 1/500 dilutions.

No other analytical or QC problems were encountered.

Effective 10/1/91

GTC LIST OF QUALIFIERS

(The basis of this proposal are the EPA-CLP Qualifiers)

- U - Indicates compound was analyzed for but was not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. For further explanation see case narrative / cover letter.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range and reanalysis could not be performed.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- N - Spiked sample recovery not within control limits. (Flag the entire batch - Inorganic analytes only)
- * - Duplicate analysis not within control limits. (Flag the entire batch - Inorganic analysis only)
- Also used to qualify Organics QC data outside limits. (Only used on the QC summary sheets)
- M - Duplication injection precision not met (GFA only).
- S - Reported value determined by Method of Standard Additions. (MSA)
- X - As specified in the case narrative.



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 26 1993

Client:
 Mr. Michael Farnsworth
 Innovative Services International
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference
 Schrecks Scrapyard
 Form U

Received : 08/10/93

P.O. #:

ANALYTICAL RESULTS - ug/g Wet Wt.

Sample:	-001	-002						
Location:	COMPOSITE	COMPOSITE						
	C1-4	C5-8						
Date Collected:	08/05/93	08/06/93						
Time Collected:	14:15	09:00						

pH	8.40	8.22						
Grease & Oil	25600	23700						
Ignitability °C	>100	>100						
Paint Filter Test	ND	ND						
Reactivity								
Total Available Cyanide	0.331 U	0.332 U						
Total Available Sulfide	6.06	5.00 U						
Solids, %	91.2	89.6						
% Volatile Solids	8.19	9.92						

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

Michael K. Perry
 Laboratory Director

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 19 1993

Client:

Mr. Michael Farnsworth
Innovative Services International
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
Form U

Received

: 08/10/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample:	-001	-002						
Location:	COMPOSITE	COMPOSITE						
	C1-4	C5-8						
Date Collected:	08/05/93	08/06/93						
Time Collected:	14:15	09:00						
	UNBIASED	UNBIASED						

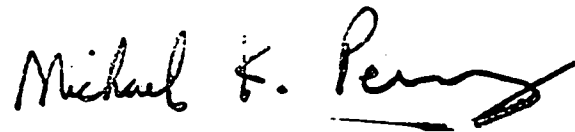
TCLP Extraction Metals ***								
Arsenic	0.500 U	0.500 U						
Barium	2.23	9.64						
Cadmium	0.312	0.255						
Chromium	0.100 U	0.100 U						
Copper	0.100 U	0.100 U						
Lead	2.95	4.90						
Mercury	0.0020 U	0.0020 U						
Nickel	0.668	1.34						
Selenium	0.500 U	0.500 U						
Silver	0.100 U	0.100 U						
Zinc	36.4	26.3						

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.

Data reported is unbiased on the above regulation.



Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Sample(s) Reference

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Schrecks Scrapyard
 Form U

Received

: 08/10/93

P.O. #:

TCLP VOLATILES BY EPA METHOD 8240*** ANALYTICAL RESULTS - ug/l

Sample:	-001	-002						
Location:	COMPOSITE	COMPOSITE						
	C1-4	C5-8						
Date Collected:	08/05/93	08/05/93						
Time Collected:	14:15	09:00						

Date Analyzed:	08/12/93	08/12/93						
Dilution:	10	10						
Benzene	50 U	50 U						
Carbon Tetrachloride	50 U	50 U						
Chlorobenzene	50 U	50 U						
Chloroform	50 U	50 U						
1,2-Dichloroethane	50 U	50 U						
1,1-Dichloroethene	50 U	50 U						
Methyl Ethyl Ketone	100 U	100 U						
Tetrachloroethene	50 U	50 U						
Trichloroethene	50 U	50 U						
Vinyl Chloride	50 U	50 U						
SURROGATE STANDARD RECOVERIES								

1,2-Dichloroethane-d4	96	96						
(Acceptance Limits: 76-114%)								
Toluene d8	107	106						
(Acceptance Limits: 88-110%)								
Bromofluorobenzene	103	102						
(Acceptance Limits: 86-115%)								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.
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Michael E. Perry
 Laboratory Director

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
Innovative Services International Inc.
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
Form U

Received

: 08/10/93

P.O. #:

TCLP ACID EXTRACTABLES BY EPA METHOD 8270* ANALYTICAL RESULTS - ug/l**

Sample:	-001	-002							
Location:	COMPOSITE	COMPOSITE							
	C1-4	C5-8							
Date Collected:	08/05/93	08/05/93							
Time Collected:	14:15	09:00							

Date Extracted:	08/12/93	08/12/93							
Date Analyzed:	08/13/93	08/13/93							
Dilution:	10	10							
m+p-cresol	100 U	100 U							
o-cresol	100 U	100 U							
Pentachlorophenol	200 U	200 U							
2,4,5-Trichlorophenol	100 U	100 U							
2,4,6-Trichlorophenol	100 U	100 U							

Surrogate Standard Recoveries:									
2-Fluorophenol (Acceptance Limits: 21-100%)	9 *	7 *							
Phenol-d6 (Acceptance Limits: 10-94%)	4 *	4 *							
2,4,6-TriBromophenol (Acceptance Limits: 10-123%)	51	51							

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.

Data reported is unbiased on the above regulation.

Michael K. Perry
Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
 Form U

Received

: 08/10/93

P.O. #:

TCLP BASE NEUTRALS BY EPA METHOD 8270*** ANALYTICAL RESULTS - ug/l

Sample:	-001	-002						
Location:	COMPOSITE	COMPOSITE						
	C1-4	C5-8						
Date Collected:	08/05/93	08/05/93						
Time Collected:	14:15	09:00						

Date Extracted:	08/12/93	08/12/93						
Date Analyzed:	08/13/93	08/13/93						
Dilution:	10	10						
1,4 Dichlorobenzene	50 U	50 U						
2,4-Dinitrotoluene	50 U	50 U						
Hexachlorobenzene	50 U	50 U						
Hexachloroethane	50 U	50 U						
Nitrobenzene	50 U	50 U						
Pyridine	100 U	100 U						
Hexachloro-1,3-butadiene	50 U	50 U						

Surrogate Standard Recovery:								

Nitrobenzene-d5	70	35						
(Acceptance Limits: 35-114%)								
2-Fluorobiphenyl	65	34						
(Acceptance Limits: 43-116%)								
Terphenyl-d14	80	40						
(Acceptance Limits: 33-141%)								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145

NJ ID# in Rochester: 73331

NJ ID# in Hackensack: 02317

NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.

Federal Register, Part 261, Vol. 55, No. 126,

June 29, 1990.

Data reported is unbiased on the above regulation.

Michael K. Perry

Laboratory Director



LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
Innovative Services International Inc.
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
Form U

Received

: 08/10/93

P.O. #:

TCLP PESTICIDES BY GC METHOD 8080 * ANALYTICAL RESULTS - ug/l**

Sample:	-001	-002						
Location:	COMPOSITE	COMPOSITE						
	C1-4	C5-8						
Date Collected:	08/05/93	08/05/93						
Time Collected:	14:15	09:00						

Date Extracted:	08/12/93	08/12/93						
Date Analyzed:	08/13/93	08/13/93						
Dilution:	10	10						
Chlordane	20 U	20 U						
Endrin	5.0 U	5.0 U						
Heptachlor	5.0 U	5.0 U						
Heptachlor epoxide	5.0 U	5.0 U						
gamma-BHC (Lindane)	5.0 U	5.0 U						
Methoxychlor	20 U	20 U						
Toxaphene	100 U	100 U						
Surrogate Standard Recovery								

Dibutylchloroendate (Acceptance Limits: 24-154)	98	110						
Tetrachloro-meta-xylene (Acceptance Limits: 60-150)	121	136						

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.
 NY ID# in Rochester: 10145 NY ID# in Hackensack: 10801
 NJ ID# in Rochester: 73331 NJ ID# in Hackensack: 02317

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

Data reported is unbiased on the above regulation

Michael K. Perry
 Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference:

Schrecks Scrapyard
 Form U

Received

: 08/10/93

P.O. #:

TCLP HERBICIDES ANALYSIS BY GC METHOD 8150 *** ANALYTICAL RESULTS - ug/l

Sample:	-001	-002						
Location:	COMPOSITE	COMPOSITE						
	C1-4	C5-8						
Date Collected:	08/05/93	08/05/93						
Time Collected:	14:15	09:00						

Date Extracted:	08/12/93	08/12/93						
Date Analyzed:	08/12/93	08/13/93						
Dilution:	100	100						
2,4-D	50 U	50 U						
2,4,5-TP (Silvex)	50 U	50 U						
SURROGATE STANDARD RECOVERIES								

% Recovery								
2,4-DB	63	73						
(Acceptance Limits 18-152)								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

*** TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol.55, No. 126,
 June 29, 1990

Data reported is unbiased on the above regulation.

Michael K. Perry
 Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 26 1993

Client:
 Mr. Michael Farnsworth
 Innovative Services International
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference
 Schrecks Scrapyard
 Form U

Received

: 08/10/93

P.O. #:

Leachate Analysis following
 ASTM Method D3987-85

ANALYTICAL RESULTS - mg/l

Sample:	-003	-004					
Location:	COMPOSITE	COMPOSITE					
	C1-4	C5-8					
Date Collected:	08/05/93	08/06/93					
Time Collected:	14:15	09:00					

COD, Dichromate	334	367					
Grease/Oil	114	61.1					
Nitrogen, Ammonia	2.07	0.944					
Solids, Total	356	458					

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.
 NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

Michael F. Perry
 Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Sample(s) Reference

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Schrecks Scrapyard
 Form U

Received

: 08/10/93

P.O. #:

ANALYSIS * BY EPA METHOD 8080		ANALYTICAL RESULTS - ug/kg Dry Wt.					
Sample:		-001	-002	-003	-004	-005	-006
Location:		COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
		C1-4	C5-8	C1-4	C5-8	C1-4	C5-8
Date Collected:		08/05/93	08/05/93	08/05/93	08/06/93	08/05/93	08/06/93
Time Collected:	PQL	14:15	09:00	14:15	09:00	14:15	09:00
Date Extracted:						08/11/93	08/11/93
Date Analyzed:						08/11/93	08/11/93
Dilution:						500	500
PCB 1016	17					18000 U	19000 U
PCB 1221	17					18000 U	19000 U
PCB 1232	17					18000 U	19000 U
PCB 1242	17					18000 U	19000 U
PCB 1248	17					18000 U	19000 U
PCB 1254	17					18000 U	19000 U
PCB 1260	17					68000	96000
Surrogate Standard Recovery							
Tetrachloro-meta-xylene (Acceptance Limits: 60-150%)						D	D

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

Michael F. Perry

Laboratory Director

R93/3101



INNOVATIVE SERVICES INTERNATIONAL CHAIN OF CUSTODY RECORD

PROJECT # Schrecks Scrap Yd. PROJECT NAME 930006
 STUDY AREA: _____ SAMPLERS SIGNATURE Michael Panward

STATION #		DATE	TIME	SUBSAMPLE CODES	TOTAL # OF SAMPLES	REMARKS
#1	-0013	⁰⁰⁵ 8-5-93	2:15 PM	Soils	1	C-1 C-2 C-3 Composite into 1 sample
#2	-0024	8-6-93	9:00 PM	Soils	1	Analyze for disposal Approvals - Form U. Parameters - Included
Relinquished By	<u>Michael Panward</u>	Date-Time	<u>8-6-93 0940</u>	Received By	<u>Bob MARCKLING</u>	Comments
Relinquished By	<u>Bob Marckling</u>	Date-Time	<u>8-6-93 0940</u>	Received By	<u>P. Janush</u>	Comments <u>received 8/9/93 @ 8:00am</u> <u>unpreserved</u>
Method of Shipment		Shipped By		Received By		Comments

Received for Laboratory [Signature]
 Job # R93/3101
 Date Time 8/10 @ 0800

Authorization for Disposal _____
 Type of Disposal _____
 Date of Disposal _____

File 9g soil



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03342

Date: SEPT 15 1993

Client:

Mr. Michael Farnsworth
Innovative Services Internat
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard

Received

: 08/30/93

P.O. #:

ANALYSIS * BY EPA METHOD 8080

ANALYTICAL RESULTS - ug/kg Dry Wt.

PPB

Sample:	-001
Location:	SOIL/PILE
Date Collected:	08/30/93
Time Collected:	PQL 14:30

Date Extracted:	09/09/93
Date Analyzed:	09/10/93
Dilution:	10

PCB 1016	17	1900 U
PCB 1221	17	1900 U
PCB 1232	17	1900 U
PCB 1242	17	1900 U
PCB 1248	17	1900 U
PCB 1254	17	5200
PCB 1260	17	1900 U

Surrogate Standard Recovery

Tetrachloro-meta-xylene
(Acceptance Limits: 60-150%)

D

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

Michael F. Perry

Laboratory Director



Soil

A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03342

Date: SEPT 15 1993

Client:

Mr. Michael Farnsworth
Innovative Services Internat
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard
Form U

Received

: 08/30/93

P.O. #:

ANALYTICAL RESULTS - mg/l

PPM

Sample:	-003								
Location:	SOIL/PILE								
Date Collected:	08/30/93								
Time Collected:	14:30								
	UNBIASED								

TCLP Extraction Metals ***									
Arsenic	0.500 U								
Barium	1.00 U								
Cadmium	0.100 U								
Chromium	0.100 U								
Copper	0.670								
Lead	0.281								
Mercury	0.0010 U								
Nickel	0.264								
Selenium	0.500 U								
Silver	0.100 U								
Zinc	6.33								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.
NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.

Data reported is unbiased on the above regulation.

Michael K. Perry

Laboratory Director



Soil

A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03342

Date: SEPT 15 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International, I
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference:

Schreck Scrapyard
 Form U

Received

: 08/30/93

P.O. #:

TCLP HERBICIDES ANALYSIS BY GC METHOD 8150 *** ANALYTICAL RESULTS - ug/l			
Sample:	-001	-002	-003
Location:	SOIL/PILE	SOIL/PILE	SOIL/PILE
Date Collected:	08/30/93	08/30/93	08/30/93
Time Collected:	14:30	14:30	14:30

Date Extracted:	TOTALS	ASTM	TCLP
Date Analyzed:			09/08/93
Dilution:			100
2,4-D			50 U
2,4,5-TP (Silvex)			50 U
SURROGATE STANDARD RECOVERIES			

% Recovery			
2,4-DB			73
(Acceptance Limits 18-152)			

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

*** TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol.55, No. 126,
 June 29, 1990

Data reported is unbiased on the above regulation.

Michael K. Perry

 Laboratory Director

LABORATORY REPORT

Job No: R93/03454

Date: SEPT 15 1993

Client:

Mr. Michael Farnsworth
Innovative Services International
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference:

Schreck Scrapyard Form U

Soil Pile

Received

: 09/02/93

P.O. #:

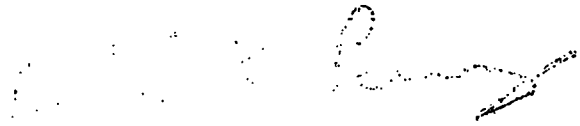
ANALYTICAL UNITS - ug/g Dry Wt.

Sample:	-001								
Location:	SOIL/PILE								
Date Collected:	09/01/93								
Time Collected:	09:50								

Grease & Oil	6870								
Ignitability °C	>100								
Solids, %	95.5								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801



Laboratory Director



Soil Pile

A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03342

Date: SEPT 15 1993

Client:

Mr. Michael Farnsworth
 Innovative Services Internat
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard
 Form U

Received

: 08/30/93

P.O. #:

ANALYTICAL RESULTS - ug/g Wet Wt.

Sample:	Totals	002	003							
Location:	-001	ASTM	TCLP							
Date Collected:	08/30/93									
Time Collected:	14:30									
pH	8.63									
Grease & Oil	6870									
Paint Filter Test	ND									
Reactivity										
Total Available Cyanide	0.333 U									
Total Available Sulfide	10.7									
Solids, %	87.5									
% Volatile Solids	9.66									

PPM

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.
 NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

Michael F. Perry
 Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03342

Date: SEPT 15 1993

Client:

Mr. Michael Farnsworth
Innovative Services Internat
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard
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Received

: 08/30/93

P.O. #:

ANALYTICAL RESULTS - mg/l

PPM

Sample:	-002								
Location:	SOIL/PILE								
Date Collected:	08/30/93								
Time Collected:	14:30								
COO, Dichromate*	16.0								
Grease/Oil*	25.3								
Nitrogen, Ammonia*	0.126								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

* Lechate Analysis following ASTM Method D3987-85

Michael F. Perry

Laboratory Director



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A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03342

Date: SEPT 15 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International, I
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard
 Form U

Received

: 08/30/93

P.O. #:

TCLP VOLATILES BY EPA METHOD 8240* ANALYTICAL RESULTS - ug/l**

PPB

Sample:	-001	-002	-003				
Location:	SOIL/PILE	SOIL/PILE	SOIL/PILE				
Date Collected:	08/30/93	08/30/93	08/30/93				
Time Collected:	14:30	14:30	14:30				
Date Analyzed:			09/08/93				
Dilution:			10				
Benzene			50 U				
Carbon Tetrachloride			50 U				
Chlorobenzene			50 U				
Chloroform			50 U				
1,2-Dichloroethane			50 U				
1,1-Dichloroethene			50 U				
Methyl Ethyl Ketone			100 U				
Tetrachloroethene			50 U				
Trichloroethene			50 U				
Vinyl Chloride			50 U				
SURROGATE STANDARD RECOVERIES							
1,2-Dichloroethane-d4				100			
(Acceptance Limits: 76-114%)							
Toluene d8				106			
(Acceptance Limits: 88-110%)							
Bromofluorobenzene				96			
(Acceptance Limits: 86-115%)							

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.
 Data reported is unbiased on the above regulation.

Michael F. Farnsworth

Laboratory Director



Soil

A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03342

Date: SEPT 15 1993

Client:
 Mr. Michael Farnsworth
 Innovative Services International,
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference
 Schreck Scrapyard
 Form U

Received : 08/30/93

P.O. #:

TCLP ACID EXTRACTABLES BY EPA METHOD 8270*** ANALYTICAL RESULTS - ug/l

Sampler Location:	-001 SOIL/PILE	-002 SOIL/PILE	-003 SOIL/PILE				
Date Collected:	08/30/93	08/30/93	08/30/93				
Time Collected:	14:30	14:30	14:30				
Date Extracted:			09/07/93				
Date Analyzed:			09/09/93				
Dilution:			10				
m+p-cresol			100 U				
o-cresol			100 U				
Pentachlorophenol			200 U				
2,4,5-Trichlorophenol			100 U				
2,4,6-Trichlorophenol			100 U				
Surrogate Standard Recoveries:							
2-Fluorophenol (Acceptance Limits: 21-100%)			48				
Phenol-d6 (Acceptance Limits: 10-94%)			31				
2,4,6-TriBromophenol (Acceptance Limits: 10-123%)			66				

PPB

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145

NJ ID# in Rochester: 73331

NJ ID# in Hackensack: 02317

NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.

Federal Register, Part 261, Vol. 55, No. 126,

June 29, 1990.

Data reported is unbiased on the above regulation.

Michael K. Perry

Laboratory Director



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A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03342

Date: SEPT 15 1993

Client:
 Mr. Michael Farnsworth
 Innovative Services International,
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference
 Schreck Scrapyard
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Received : 08/30/93

P.O. #:

TCLP BASE NEUTRALS BY EPA METHOD 8270* ANALYTICAL RESULTS - ug/l**

Sample:	-001	-002	-003					
Location:	SOIL/PILE	SOIL/PILE	SOIL/PILE					
Date Collected:	08/30/93	08/30/93	08/30/93					
Time Collected:	14:30	14:30	14:30					
Date Extracted:			09/07/93					
Date Analyzed:			09/09/93					
Dilution:			10					
1,4 Dichlorobenzene			50 U					
2,4-Dinitrotoluene			50 U					
Hexachlorobenzene			50 U					
Hexachloroethane			50 U					
Nitrobenzene			50 U					
Pyridine			100 U					
Hexachloro-1,3-butadiene			50 U					
Surrogate Standard Recovery:								
Nitrobenzene-d5 (Acceptance Limits: 35-114%)			74					
2-Fluorobiphenyl (Acceptance Limits: 43-116%)			61					
Terphenyl-d14 (Acceptance Limits: 33-141%)			60					

PPB

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.
 NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

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Michael K. Perry
 Laboratory Director



Soil

A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03342

Date: SEPT 15 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International,
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard
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Received

: 08/30/93

P.O. #:

TCLP PESTICIDES BY GC METHOD 8080 * ANALYTICAL RESULTS - ug/l**

PAB

Sample:	-001	-002	-003					
Location:	SOIL/PILE	SOIL/PILE	SOIL/PILE					
Date Collected:	08/30/93	08/30/93	08/30/93					
Time Collected:	14:30	14:30	14:30					
Date Extracted:			09/07/93					
Date Analyzed:			09/11/93					
Dilution:			10					
Chlordane			20 U					
Endrin			5.0 U					
Heptachlor			5.0 U					
Heptachlor epoxide			5.0 U					
gamma-BHC (Lindane)			5.0 U					
Methoxychlor			20 U					
Toxaphene			100 U					
Surrogate Standard Recovery								
Dibutylchloride			85					
(Acceptance Limits: 24-154)								
Tetrachloro-meta-xylene			80					
(Acceptance Limits: 60-150)								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145 NY ID# in Hackensack: 10801
 NJ ID# in Rochester: 73331 NJ ID# in Hackensack: 02317

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

Data reported is unbiased on the above regulation

Michael F. Perry

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

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: 08/10/93

P.O. #:

ANALYSIS * BY EPA METHOD 8080

ANALYTICAL RESULTS - ug/kg Dry Wt.

PPB

Sample:	-001	-002	-003	-004	-005	-006
Location:	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
Date Collected:	08/05/93	08/05/93	08/05/93	08/05/93	08/05/93	08/06/93
Time Collected:	14:15	09:00	14:15	09:00	14:15	09:00
	PQL					
Date Extracted:					08/11/93	08/11/93
Date Analyzed:					08/11/93	08/11/93
Dilution:					500	500
PCB 1016	17				18000 U	19000 U
PCB 1221	17				18000 U	19000 U
PCB 1232	17				18000 U	19000 U
PCB 1242	17				18000 U	19000 U
PCB 1248	17				18000 U	19000 U
PCB 1254	17				18000 U	19000 U
PCB 1260	17				68000	96000
Surrogate Standard Recovery						
Tetrachloro-meta-xylene (Acceptance Limits: 60-150%)					D	D

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.
 NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
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Received

: 08/10/93

P.O. #:

ANALYTICAL RESULTS - ug/g Wet Wt. *PPM*

Sample:	-001	-002	-003	-004	-005	-006
Location:	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
	C1-4	C5-8	C1-4	C5-8	C1-4	C5-8
Date Collected:	08/05/93	08/05/93	08/05/93	08/05/93	08/05/93	08/06/93
Time Collected:	14:15	09:00	14:15	09:00	14:15	09:00
<hr/>						
pH	8.40	8.22				
COO, Dichromate			334	367		
Grease & Oil						
Grease/Oil			114	61.1		
Ignitability °C	>100	>100				
Nitrogen, Ammonia			2.07	0.944		
Paint Filter Test	ND	ND				
Reactivity						
Total Available Cyanide	0.331 U	0.332 U				
Total Available Sulfide	6.06	5.00 U				
Solids, %	91.2	89.6				
Solids, %						
% Volatile Solids						
Solids, Total						

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
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Received

: 08/10/93

P.O. #:

ANALYTICAL RESULTS - mg/l *PP*

Sample:	-001							
Location:	COMPOSITE							
	C1-4							
Date Collected:	08/05/93							
Time Collected:	14:15							
	UNBIASED							

TCLP Extraction Metals ***								
Arsenic	0.500 U							
Barium	2.12							
Cadmium	0.309							
Chromium	0.100 U							
Copper	0.100 U							
Lead	2.74							
Mercury								
Nickel	0.668							
Selenium	0.500 U							
Silver	0.100 U							
Zinc	36.6							

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

Data reported is unbiased on the above regulation.

 Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
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: 08/10/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample:	-002
Location:	COMPOSITE
	CS-8
Date Collected:	08/05/93
Time Collected:	09:00
	UNBIASED

TCLP Extraction Metals ***	
Arsenic	0.500 U
Barium	9.45
Cadmium	0.250
Chromium	0.100 U
Copper	0.100 U
Lead	4.46
Mercury	
Nickel	1.34
Selenium	0.500 U
Silver	0.100 U
Zinc	26.3

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
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Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
 Form U

Received

: 08/10/93

P.O. #:

TCLP VOLATILES BY EPA METHOD 8240*** ANALYTICAL RESULTS - ug/l PPB

Sample:	-001	-002							
Location:	COMPOSITE	COMPOSITE							
	C1-4	C5-8							
Date Collected:	08/05/93	08/05/93							
Time Collected:	14:15	09:00							

Date Analyzed:	08/12/93	08/12/93							
Dilution:	10	10							
Benzene	50 U	50 U							
Carbon Tetrachloride	50 U	50 U							
Chlorobenzene	50 U	50 U							
Chloroform	50 U	50 U							
1,2-Dichloroethane	50 U	50 U							
1,1-Dichloroethene	50 U	50 U							
Methyl Ethyl Ketone	100 U	100 U							
Tetrachloroethene	50 U	50 U							
Trichloroethene	50 U	50 U							
Vinyl Chloride	50 U	50 U							
SURROGATE STANDARD RECOVERIES									

1,2-Dichloroethane-d4	96	96							
(Acceptance Limits: 76-114%)									
Toluene d8	107	106							
(Acceptance Limits: 88-110%)									
Bromofluorobenzene	103	102							
(Acceptance Limits: 86-115%)									

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.

Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.
 Data reported is unbiased on the above regulation.

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
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Received

: 08/10/93

P.O. #:

TCLP ACID EXTRACTABLES BY EPA METHOD 8270*** ANALYTICAL RESULTS - ug/l PFB

Sample:	-001	-002						
Location:	COMPOSITE	COMPOSITE						
	C1-4	C5-8						
Date Collected:	08/05/93	08/05/93						
Time Collected:	14:15	09:00						

Date Extracted:	08/12/93	08/12/93						
Date Analyzed:	08/13/93	08/13/93						
Dilution:	10	10						
m-p-cresol	100 U	100 U						
o-cresol	100 U	100 U						
Pentachlorophenol	200 U	200 U						
2,4,5-Trichlorophenol	100 U	100 U						
2,4,6-Trichlorophenol	100 U	100 U						

Surrogate Standard Recoveries:								
2-Fluorophenol (Acceptance Limits: 21-100%)	9 *	7 *						
Phenol-d6 (Acceptance Limits: 10-94%)	4 *	4 *						
2,4,6-TriBromophenol (Acceptance Limits: 10-123%)	51	51						

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

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Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Sample(s) Reference

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Schrecks Scrapyard
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Received

: 08/10/93

P.O. #:

TCLP BASE NEUTRALS BY EPA METHOD 8270***

ANALYTICAL RESULTS - ug/l

PPB

Sample:	-001	-002						
Location:	COMPOSITE	COMPOSITE						
	C1-4	C5-8						
Date Collected:	08/05/93	08/05/93						
Time Collected:	14:15	09:00						
<hr/>								
Date Extracted:	08/12/93	08/12/93						
Date Analyzed:	08/13/93	08/13/93						
Dilution:	10	10						
1,4 Dichlorobenzene	50 U	50 U						
2,4-Dinitrotoluene	50 U	50 U						
Hexachlorobenzene	50 U	50 U						
Hexachloroethane	50 U	50 U						
Nitrobenzene	50 U	50 U						
Pyridine	100 U	100 U						
Hexachloro-1,3-butadiene	50 U	50 U						
<hr/>								
Surrogate Standard Recovery:								
<hr/>								
Nitrobenzene-d5 (Acceptance Limits: 35-114%)	70	35						
2-Fluorobiphenyl (Acceptance Limits: 43-116%)	65	34						
Terphenyl-d14 (Acceptance Limits: 33-141%)	80	40						

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

Data reported is unbiased on the above regulation.

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
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Received

: 08/10/93

P.O. #:

TCLP PESTICIDES BY GC METHOD 8080 *** ANALYTICAL RESULTS - ug/l *PPR*

Sample:	-001	-002						
Location:	COMPOSITE	COMPOSITE						
	C1-4	C5-8						
Date Collected:	08/05/93	08/05/93						
Time Collected:	14:15	09:00						
Date Extracted:	08/12/93	08/12/93						
Date Analyzed:	08/13/93	08/13/93						
Dilution:	10	10						
Chlordane	20 U	20 U						
Endrin	5.0 U	5.0 U						
Heptachlor	5.0 U	5.0 U						
Heptachlor epoxide	5.0 U	5.0 U						
gamma-BHC (Lindane)	5.0 U	5.0 U						
Methoxychlor	20 U	20 U						
Toxaphene	100 U	100 U						
Surrogate Standard Recovery								
Dibutylchlorodate (Acceptance Limits: 24-154)	98	110						
Tetrachloro-meta-xylene (Acceptance Limits: 60-150)	121	136						

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.
 NY ID# in Rochester: 10145 NY ID# in Hackensack: 10801
 NJ ID# in Rochester: 73331 NJ ID# in Hackensack: 02317

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

Data reported is unbiased on the above regulation

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 16 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference:

Schrecks Scrapyard
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: 08/10/93

P.O. #:

TCLP HERBICIDES ANALYSIS BY GC METHOD 8150 *** ANALYTICAL RESULTS - ug/l PAB

Sample:	-001	-002						
Location:	COMPOSITE	COMPOSITE						
	C1-4	C5-8						
Date Collected:	08/05/93	08/05/93						
Time Collected:	14:15	09:00						

Date Extracted:	08/12/93	08/12/93						
Date Analyzed:	08/12/93	08/13/93						
Dilution:	100	100						
2,4-D	50 U	50 U						
2,4,5-TP (Silvax)	50 U	50 U						
SURROGATE STANDARD RECOVERIES								

Z Recovery								
2,4-DB	63	73						
(Acceptance Limits 18-152)								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

*** TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol.55, No. 126,
 June 29, 1990

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A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 17 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
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Received

: 08/10/93

P.O. #:

ANALYTICAL RESULTS - ug/g Wet Wt. P.D.
P/m

Sample:	-001	-002	-003	-004	-005	-006
Location:	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE
	C1-4	C5-8	C1-4	C5-8	C1-4	C5-8
Date Collected:	08/05/93	08/06/93	08/05/93	08/05/93	08/05/93	08/06/93
Time Collected:	14:15	09:00	14:15	09:00	14:15	09:00
<hr/>						
pH	8.40	8.22				
COD, Dichromate			334	367		
Grease & Oil	25600	23700				
Grease/Oil			114	61.1		
Ignitability °C	>100	>100				
Nitrogen, Ammonia			2.07	0.944		
Paint Filter Test	ND	ND				
Reactivity						
Total Available Cyanide	0.331 U	0.332 U				
Total Available Sulfide	6.06	5.00 U				
Solids, %	91.2	89.6				
Solids, %						
% Volatile Solids	8.19	9.92				
Solids, Total			356	458		

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

Laboratory Director

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 17 1993

Client:

Mr. Michael Farnsworth
Innovative Services International Inc.
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schrecks Scrapyard
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Received

: 08/10/93

P.O. #:

ANALYTICAL RESULTS - mg/l. PPM

Sample:	-001								
Location:	COMPOSITE								
	C1-4								
Date Collected:	08/05/93								
Time Collected:	14:15								
	UNBIASED								
<hr/>									
TCLP Extraction Metals ***									
Arsenic	0.500 U								
Barium	2.123								
Cadmium	0.3093								
Chromium	0.100 U								
Copper	0.100 U								
Lead	2.742								
Mercury	0.0020 U								
Nickel	0.6684								
Selenium	0.500 U								
Silver	0.100 U								
Zinc	36.36								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145

NJ ID# in Rochester: 73331

NJ ID# in Hackensack: 02317

NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.

Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.

Data reported is unbiased on the above regulation.

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03101

Date: AUG. 17 1993

Client:

Sample(s) Reference

Mr. Michael Farnsworth
 Innovative Services International Inc.
 5033 Transit Rd.
 Depew, NY 14043

Schrecks Scrapyard
 Form U

Received

: 08/10/93

P.O. #:

ANALYTICAL RESULTS - mg/l *PPM*

Sample:	-002								
Location:	COMPOSITE								
	C5-8								
Date Collected:	08/06/93								
Time Collected:	09:00								
	UNBIASED								

TCLP Extraction Metals ***									
Arsenic	0.500 U								
Barium	9.445								
Cadmium	0.2496								
Chromium	0.100 U								
Copper	0.100 U								
Lead	4.456								
Mercury	0.0020 U								
Nickel	1.337								
Selenium	0.500 U								
Silver	0.100 U								
Zinc	26.3								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

Data reported is unbiased on the above regulation.

Laboratory Director

File 9g



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03665

Date: SEPT 23 1993

Client:

Mr. Michael Farnsworth
Innovative Services Internat
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard

Received

: 09/21/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample:	-001	-002	-003	-004	-005	-006	-007	-008
Location:	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6	AREA 7	AREA 8
Date Collected:	09/20/93	09/20/93	09/20/93	09/20/93	09/20/93	09/20/93	09/20/93	09/20/93
Time Collected:	NA	NA	NA	NA	NA	NA	NA	NA

TCLP Metals								
Arsenic	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Barium	1.06	2.38	18.4	5.59	1.09	15.3	6.92	2.33
Cadmium	0.100 U	0.100 U	0.100 U	0.100 U	0.143	0.142	0.100 U	0.100 U
Chromium	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Lead	0.176	0.162	0.162	0.317	3.33	2.21	0.301	0.100 U
Mercury	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U	0.0010 U
Selenium	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Silver	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U

5
100
1
5
0.2
1
5

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145

NJ ID# in Rochester: 73331

NJ ID# in Hackensack: 02317

NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.

Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.

Data reported is unbiased on the above regulation.

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/03665

Date: SEPT 23 1993

Client:

Mr. Michael Farnsworth
 Innovative Services Internat
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard

Received

: 09/21/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample:	-009								
Location:	AREA 9								
Date Collected:	09/20/93								
Time Collected:	NA								

TCLP Metals									
Arsenic	0.500 U								
Barium	1.92								
Cadmium	0.100 U								
Chromium	0.100 U								
Lead	3.22								
Mercury	0.0010 U								
Selenium	0.500 U								
Silver	0.100 U								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145

NJ ID# in Rochester: 73331

NJ ID# in Hackensack: 02317

NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.

Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

Data reported is unbiased on the above regulation.

Laboratory Director

Area 1

File 9g

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: DAVE MASUCCI
Date: 09/22/93
Instrument: HP5890II-F
Date Extracted: 09/21/93
Date Analyzed: 09/21/93
RUN # 06 Dil.

LABORATORY REPORT

ANALYSIS: 91-3 CLP MODIFIED
LABORATORY REPORT

Client: INN. SERVICES
Job #: R93/3666-001

Cleanups: H+ / S=

COLUMN 1: DB-17

Initial Wt/Vol 30.0 gms
Final Vol 10 mls
SOLID 0.80

09/22/93

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	DRY WEIGHT	
						Final Conc. (ug/kg)	Q
PCB 1016			100 U	3.0	1	42 U	
PCB 1221			200 U	3.0	1	83 U	
PCB 1232			100 U	3.0	1	42 U	
PCB 1242			100 U	3.0	1	42 U	
PCB 1248			100 U	3.0	1	42 U	
PCB 1254		SEE ATTACHED	312	3.0	1	130	
PCB 1260			100 U	3.0	1	42 U	

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accep. Limits	Q
Tetrachloro-m-xylene	8.70	3.92	11.5	13.3	86	60-150	
Decachlorobiphenyl	21.90	4.19	15.8	13.3	119	60-150	

Analyst Signature
Analyst

TO: Mike Farnsworth	FROM: Janice Jaeger
CO.: Innovative Services	CO.: GENERAL TESTING CORP.
FAX #: 743-0585	FAX #: 716-454-1245
COMMENTS:	

Area 2

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: DAVE MASUCCI
Date: 09/22/93
Instrument: HP5890II-F
Date Extracted: 09/21/93
Date Analyzed: 09/22/93
RUN # 35
Dil. 1/5000

LABORATORY REPORT

ANALYSIS: 91-3 CLP MODIFIED
LABORATORY REPORT

Client: INN. SERVICES
Job #: R93/3666-002

Cleanups: H+ / S=

COLUMN 2: DB-17

Initial Wt/Vol 30.0 gms
Final Vol 10 mls
SOLID 0.85

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	DRY WEIGHT	
						Final Conc. (ug/kg)	Q
PCB 1016			100 U	3.0	5000	200000 U	
PCB 1221			200 U	3.0	5000	390000 U	
PCB 1232			100 U	3.0	5000	200000 U	
PCB 1242			100 U	3.0	5000	200000 U	
PCB 1248			100 U	3.0	5000	200000 U	
PCB 1254	SEE	ATTACHED	135	3.0	5000	260000	
PCB 1260			100 U	3.0	5000	200000 U	

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accept. Limits	Q
Tetrachloro-m-xylene				13.3		60-150	Q
Decachlorobiphenyl				13.3		60-150	Q

Ad. J.H.
Analyst

Area 3

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: DAVE MASUCCI
Date: 09/22/93
Instrument: HP5890II-F
Date Extracted: 09/21/93
Date Analyzed: 09/22/93
RUN # 21
Dil. 1/100

LABORATORY REPORT

ANALYSIS: 91-3 CLP MODIFIED
LABORATORY REPORT

Client: INN. SERVICES
Job #: R93/3666-3

Cleanups: H+ / S=

COLUMN λ : DB-17
2

Initial Wt/Vol 30.0 gms
Final Vol 10 mls
SOLID 0.88

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	DRY WEIGHT	
						Final Conc. (ug/kg)	Q
PCB 1016			100 U	3.0	100	3800 U	
PCB 1221			200 U	3.0	100	7600 U	
PCB 1232			100 U	3.0	100	3800 U	
PCB 1242			100 U	3.0	100	3800 U	
PCB 1248			100 U	3.0	100	3800 U	
PCB 1254	SEE	ATTACHED	424	3.0	100	16000	
PCB 1260			100 U	3.0	100	3800 U	

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accep. Limits	Q
Tetrachloro-m-xylene				13.3		60-150	D
Decachlorobiphenyl				13.3		60-150	D

D = Surrogate is diluted out.

DAVE MASUCCI
Analyst

Area 4

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: DAVE MASUCCI
Date: 09/22/93
Instrument: HP5890II-F
Date Extracted: 09/21/93
Date Analyzed: 09/22/93
RUN # 22
Dil. 1/100

LABORATORY REPORT

ANALYSIS: 91-3 CLP MODIFIED
LABORATORY REPORT

Client: INN. SERVICES
Job #: R93/3666-4

Cleanups: H+ / S=

COLUMN ~~X~~: DB-17
2

Initial Wt/Vol 30.0 gms
Final Vol 10 mls
SOLID 0.88

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	DRY WEIGHT	
						Final Conc. (ug/kg)	Q
PCB 1016			100 U	3.0	100	3800 U	
PCB 1221			200 U	3.0	100	7600 U	
PCB 1232			100 U	3.0	100	3800 U	
PCB 1242			100 U	3.0	100	3800 U	
PCB 1248			100 U	3.0	100	3800 U	
PCB 1254	SEE	ATTACHED	489	3.0	100	19000	
PCB 1260			100 U	3.0	100	3800 U	

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accep. Limits	Q
Tetrachloro-m-xylene				13.3		60-150	D
Decachlorobiphenyl				13.3		60-150	D

D = Surrogate is diluted out.

Ad. H.

Analyst

Area 5

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: DAVE MASUCCI
Date: 09/22/93
Instrument: HP5890II-F
Date Extracted: 09/21/93
Date Analyzed: 09/22/93
RUN # 22
Dil. 1/100

LABORATORY REPORT

ANALYSIS: 91-3 CLP MODIFIED
LABORATORY REPORT

Client: INN. SERVICES
Job #: R93/3666-005

Cleanups: H+ / S=

COLUMN X: DB-17
2nd

Initial Wt/Vol 30.0 gms
Final Vol 10 mls
SOLID 0.77

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	DRY WEIGHT	
						Final Conc. (ug/kg)	Q
PCB 1016			100 U	3.0	100	4300 U	
PCB 1221			200 U	3.0	100	8700 U	
PCB 1232			100 U	3.0	100	4300 U	
PCB 1242			100 U	3.0	100	4300 U	
PCB 1248			100 U	3.0	100	4300 U	
PCB 1254	SEE	ATTACHED	543	3.0	100	24000	
PCB 1260			100 U	3.0	100	4300 U	

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accep. Limits	Q
Tetrachloro-m-xylene				13.3		60-150	D
Decachlorobiphenyl				13.3		60-150	D

Ad. J. H.
Analyst

Area 6

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: DAVE MASUCCI
Date: 09/22/93
Instrument: HP5890II-F
Date Extracted: 09/21/93
Date Analyzed: 09/22/93
RUN # 40
Dil. 1/500

LABORATORY REPORT

ANALYSIS: 91-3 CLP MODIFIED
LABORATORY REPORT

Client: INN. SERVICES
Job #: R93/3666-006

Cleanups: H+ / S=

COLUMN 1: DB-1701

Initial Wt/Vol 30.0 gms
Final Vol 10 mls
SOLID 0.82

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	DRY WEIGHT	
						Final Conc. (ug/kg)	Q
PCB 1016			100 U	3.0	500	20000 U	
PCB 1221			200 U	3.0	500	41000 U	
PCB 1232			100 U	3.0	500	20000 U	
PCB 1242			100 U	3.0	500	20000 U	
PCB 1248			100 U	3.0	500	20000 U	
PCB 1254	SEE	ATTACHED	582	3.0	500	120000	
PCB 1260			100 U	3.0	500	20000 U	

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accept. Limits	Q
Tetrachloro-m-xylene				13.3		60-150	D
Decachlorobiphenyl				13.3		60-150	D

Ad JH
Analyst

Area 7

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: DAVE MASUCCI

Date: 09/22/93

Instrument: HP5890II-F

Date Extracted: 09/21/93

Date Analyzed: 09/22/93
RUN # 28 Dil. 1/100

LABORATORY REPORT

ANALYSIS: 91-3 CLP MODIFIED
LABORATORY REPORT

Client: INN. SERVICES
Job #: R93/3666-007

Cleanups: H+ / S=

COLUMN X: DB-17
R93/3666-007 Z

Initial Wt/Vol 30.0 gms
Final Vol 10 mls
SOLID 0.87

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	DRY WEIGHT		Q
						Final Conc. (ug/kg)		
PCB 1016			100 U	3.0	100	3800 U		
PCB 1221			200 U	3.0	100	7700 U		
PCB 1232			100 U	3.0	100	3800 U		
PCB 1242			100 U	3.0	100	3800 U		
PCB 1248			100 U	3.0	100	3800 U		
PCB 1254		SEE ATTACHED	218	3.0	100	8400		
PCB 1260			100 U	3.0	100	3800 U		

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accep. Limits	Q
Tetrachloro-m-xylene				13.3		60-150	D
Decachlorobiphenyl				13.3		60-150	D

Analyst Signature
Analyst

Area 8

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: DAVE MASUCCI
Date: 09/22/93
Instrument: HP5890II-F
Date Extracted: 09/21/93
Date Analyzed: 09/22/93
RUN # 18 Dil. 1/10

LABORATORY REPORT

ANALYSIS: 91-3 CLP MODIFIED
LABORATORY REPORT

Client: INN. SERVICES
Job #: R93/3666-008

Cleanups: H+ / S=

COLUMN 1: DB-1701

Initial Wt/Vol 30.0 gms
Final Vol 10 mls
SOLID 0.82

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	DRY WEIGHT	
						Final Conc. (ug/kg)	Q
PCB 1016			100 U	3.0	10	410 U	
PCB 1221			200 U	3.0	10	810 U	
PCB 1232			100 U	3.0	10	410 U	
PCB 1242			100 U	3.0	10	410 U	
PCB 1248			100 U	3.0	10	410 U	
PCB 1254	SEE	ATTACHED	379	3.0	10	1500	
PCB 1260			100 U	3.0	10	410 U	

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accept. Limits	Q
Tetrachloro-m-xylene				13.3		60-150	D
Decachlorobiphenyl				13.3		60-150	D

Ad ylt
Analyst

Area 9

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y.
(716)454-3760

Analyst: DAVE MASUCCI
Date: 09/22/93
Instrument: HP5890II-F
Date Extracted: 09/21/93
Date Analyzed: 09/22/93
RUN # 30
Dil. 1/100

LABORATORY REPORT

ANALYSIS: 91-3 CLP MODIFIED
LABORATORY REPORT

Client: INN. SERVICES
Job #: R93/3666-009

Cleanups: H+ / S=

Initial Wt/Vol 30.0 gms
Final Vol 10 mls
SOLID 0.93

COLUMN X: DB-17
AM 9/22/93
2

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	DRY WEIGHT	
						Final Conc. (ug/kg)	Q
PCB 1016			100 U	3.0	100	3600 U	
PCB 1221			200 U	3.0	100	7200 U	
PCB 1232			100 U	3.0	100	3600 U	
PCB 1242			100 U	3.0	100	3600 U	
PCB 1248			100 U	3.0	100	3600 U	
PCB 1254	SEE	ATTACHED	271	3.0	100	9700	
PCB 1260			100 U	3.0	100	3600 U	

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accep. Limits	Q
Tetrachloro-m-xylene				13.3		60-150	D
Decachlorobiphenyl				13.3		60-150	D

Ad J...

Analyst

Area 6 & 1

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: A. Hoteling
Date: 10/29/93
Instrument: HP5730A-A
Date Extracted: 10/28/93
Date Analyzed: 10/28/93
RUN # 112
Dil. 1/10

LABORATORY REPORT

Analysis: MPCB by 8080
LABORATORY REPORT

Client: Innovative
Job #: R93/4175-014

Cleanups: H+ / S=

Initial Wt/Vol 2 gms
Final Vol 10 mls
SOLID 0.85

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	Dry Weight Final Conc. (ug/kg)	Q
PCB_1016			50 U	0.2	10	2900 U	
PCB_1221			50 U	0.2	10	2900 U	
PCB_1232			50 U	0.2	10	2900 U	
PCB_1242			50 U	0.2	10	2900 U	
PCB_1248			50 U	0.2	10	2900 U	
PCB_1254			50 U	0.2	10	2900 U	
PCB_1260	SEE	ATTACHED	264	0.2	10	16000	

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accep. Limits	Q
Tetrachloro'm'xylene	1.91	3.84	1043	1000	104	60-150	

A. Hoteling

Analyst

Area 5

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: A. Hoteling
Date: 10/29/93
Instrument: HP5730A-A
Date Extracted: 10/28/93
Date Analyzed: 10/29/93
RUN # 137
Dil. 1/10

LABORATORY REPORT

Analysis: MPCB by 8080
LABORATORY REPORT

Client: Innovative
Job #: R93/4175-013

Cleanups: H+ / S=

Initial Wt/Vol 2 gms
Final Vol 10 mls
SOLID 0.93

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	Dry Weight		Q
						Final Conc. (ug/kg)		
PCB_1016			50 U	0.2	10	2700 U		
PCB_1221			50 U	0.2	10	2700 U		
PCB_1232			50 U	0.2	10	2700 U		
PCB_1242			50 U	0.2	10	2700 U		
PCB_1248	SEE	ATTACHED	260	0.2	10	14000		
PCB_1254			50 U	0.2	10	2700 U		
PCB_1260	SEE	ATTACHED	236	0.2	10	13000		

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accep. Limits	Q
Tetrachloro'm'xylene	1.91	4.25	1154	1000	115	60-150	

Aid Hotteling
Analyst



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04175

Date: OCT. 29 1993

Client:

Mr. Michael Farnsworth
 Innovative Services Internat
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference:

Schreck Scrapyard Form U

Received

: 10/22/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample:	-009	-010	-011	-012	-013	-014
Location:	AREA 8	AREA 9	AREA 5	AREA 6 & 7	AREA 5	AREA 6 & 7
Date Collected:	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93
Time Collected:	NA	NA	NA	NA	NA	NA
COD, Dichromate	3850	3050	4980	2800		
Grease/Oil	10.6	12.9	20.8	14.4		
Solids, Total	446	399	367	323		
Nitrogen, Ammonia	3.11	1.94	3.30	1.13		

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145

NJ ID# in Rochester: 73331

NJ ID# in Hackensack: 02317

NY ID# in Hackensack: 10801

*Leachate Analysis following ASTM Method D3987-85

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04175

Date: OCT. 29 1993

Client:

Mr. Michael Farnsworth
Innovative Services Internat
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference:

Schreck Scrapyard Form U

Received

: 10/22/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample:	-001	-002	-003	-004	-005	-006	-007	-008
Location:	AREA 1	AREA 3 & 4	AREA 8	AREA 9	AREA 5	AREA 6 & 7	AREA 1	AREA 3 & 4
Date Collected:	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93
Time Collected:	NA	NA	NA	NA	NA	NA	NA	NA

COD, Dichromate							3920	4350
Grease/Oil							8.69	17.3
Solids, Total							245	419
Nitrogen, Ammonia							0.050 U	3.43

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145

NJ ID# in Rochester: 73331

NJ ID# in Hackensack: 02317

NY ID# in Hackensack: 10801

*Leachate Analysis following ASTM Method D3987-85

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04175

Date: OCT. 29 1993

Client:

Mr. Michael Farnsworth
 Innovative Services Internat
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard Form U

Received

: 10/22/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample:	-001	-002	-003	-004	-005	-006	-007	-008
Location:	AREA 1	AREA 3 & 4	AREA 8	AREA 9	AREA 5	AREA 6 & 7	AREA 1	AREA 3 & 4
Date Collected:	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93
Time Collected:	NA	NA	NA	NA	NA	NA	NA	NA
pH	7.62	9.32	8.33	8.35	9.20	8.16		
Grease & Oil	10100	17700	3860	33200	39800	8310		
Solids, %	80.8	86.2	85.0	80.7	93.1	84.6		
% Volatile Solids	21.4	9.79	12.3	16.7	14.2	10.5		
Paint Filter Test	ND	ND	ND	ND	ND	ND		
Ignitability °C	>100	>100	>100	>100	>100	>100		
Reactivity								
Total Available Cyanide	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U		
Total Available Sulfide	5.0 U	5.0 U	5.0 U	7.8	7.5	58.8		

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

Laboratory Director

Area 6 & 7

GENERAL TESTING CORPORATION
Exchange St., Rochester, N.Y
16)454-3760

Analyst: Andrew Hoteling
Date: 10/28/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/28/93
RUN # 20
DIL. 1/10

PESTICIDE
HP (8080)

Job #: R93/4175-006

BATCH BIAS (Y/N): Y. (R93/4175-001)

Name: General Testing Corp.

Code:GTC Case No.: _____ SAS No.: _____

COMPOUND	SPIKE ADDED	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS CORRECTION (ug/l)
ma-BHC	20	5.0 U	9.7	48	-----
ptachlor	20	5.0 U	17.3	86	-----
pt. Epox.	20	5.0 U	18.8	94	-----
rin	20	5.0 U	19.2	96	-----
hoxy.	200	20 U	202	101	-----
ordane	-----	20 U	-----	-----	-----
oxaphene	-----	100 U	-----	-----	-----

TEROGATES	RECOVERY SAMPLE %	LIMITS
TCMX	83	60-150
DBC	75	24-154

Analyst's Signature

Area 5

GENERAL TESTING CORPORATION
Exchange St., Rochester, N.Y
16)454-3760

Analyst: Andrew Hoteling
Date: 10/28/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/28/93
RUN # 19
DIL. 1/10

PESTICIDE
LP (8080)

Job #: R93/4175-005

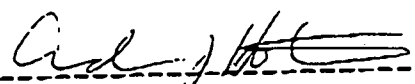
BATCH BIAS (Y/N): Y (R93/4175-001)

Name: General Testing Corp.

Code:GTC Case No.: _____ SAS No.: _____

COMPOUND	SPIKE ADDED	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS CORRECTION (ug/l)
ma-BHC	20	5.0 U	9.7	48	-----
etachlor	20	5.0 U	17.3	86	-----
pt. Epox.	20	5.0 U	18.8	94	-----
rin	20	5.0 U	19.2	96	-----
noxy.	200	20 U	202	101	-----
ordane	-----	20 U	-----	-----	-----
xaphene	-----	100 U	-----	-----	-----

PROGATES	RECOVERY SAMPLE %	LIMITS
TCMX	65	60-150
DBC	37	24-154



Analyst's Signature

Area 9

GENERAL TESTING CORPORATION
10 Exchange St., Rochester, N.Y.
16)454-3760

Analyst: Andrew Hoteling
Date: 10/28/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/28/93
RUN # 18
DIL. 1/10

PICIDE
LP (8080)

Job #: R93/4175-004

BATCH BIAS (Y/N): Y (R93/4175-001)

Name: General Testing Corp.

Code:GTC Case No.: _____ SAS No.: _____

COMPOUND	SPIKE ADDED	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS CORRECTION (ug/l)
ma-BHC	20	5.0 U	9.7	48	-----
ptachlor	20	5.0 U	17.3	86	-----
pt. Epox.	20	5.0 U	18.8	94	-----
rin	20	5.0 U	19.2	96	-----
hoxy.	200	20 U	202	101	-----
lordane	-----	20 U	-----	-----	-----
aphene	-----	100 U	-----	-----	-----

PROGATES	RECOVERY SAMPLE %	LIMITS
TCMX	78	60-150
DBC	66	24-154

Andrew Hoteling

Analyst's Signature

Area 8

GENERAL TESTING CORPORATION
Exchange St., Rochester, N.Y
716)454-3760

Analyst: Andrew Hoteling
Date: 10/28/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/28/93
RUN # 17
DIL. 1/10

PESTICIDE
EPA (8080)

Job #: R93/4175-003

BATCH BIAS (Y/N): Y (R93/4175-001)

Lab Name: General Testing Corp.

Code: GTC Case No.: _____ SAS No.: _____

COMPOUND	SPIKE ADDED	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS CORRECTION (ug/l)
gamma-BHC	20	5.0 U	9.7	48	-----
Endosulfan	20	5.0 U	17.3	86	-----
Heptachlor Epox.	20	5.0 U	18.8	94	-----
Permethrin	20	5.0 U	19.2	96	-----
Chlorobenzene	200	20 U	202	101	-----
Endosulfan	-----	20 U	-----	-----	-----
Chlorobenzene	-----	100 U	-----	-----	-----

PARAMETERS	RECOVERY SAMPLE %	LIMITS
TCMX	40	60-150
DBC	26	24-154

Analyst's Signature

Area 344

GENERAL TESTING CORPORATION
Exchange St., Rochester, N.Y
716)454-3760

Analyst: Andrew Hoteling
Date: 10/28/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/28/93
RUN # 16
DIL. 1/10

ESTICIDE
LP (8080)

Job #: R93/4175-002

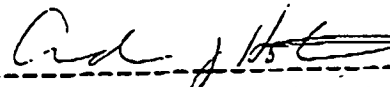
BATCH BIAS (Y/N): Y (R93/4175-001)

Lab Name: General Testing Corp.

Code: GTC Case No.: _____ SAS No.: _____

COMPOUND	SPIKE ADDED	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS CORRECTION (ug/l)
Gamma-BHC	20	5.0 U	9.7	48	-----
Optachlor	20	5.0 U	17.3	86	-----
Opt. Epox.	20	5.0 U	18.8	94	-----
Drin	20	5.0 U	19.2	96	-----
choxy.	200	20 U	202	101	-----
lirdane	-----	20 U	-----	-----	-----
oxaphene	-----	100 U	-----	-----	-----

PROGATES	RECOVERY SAMPLE %	LIMITS
TCMX	76	60-150
DBC	71	24-154



Analyst's Signature

Area 1

GENERAL TESTING CORPORATION
Exchange St., Rochester, N.Y.
716)454-3760

Analyst: Andrew Hoteling
Date: 10/28/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/28/93
RUN # 14
DIL. 1/10

HERBICIDE
EPL (8080)

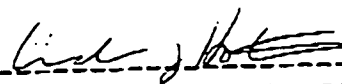
Job #: R93/4175-001

BATCH BIAS (Y/N): N

Lab Name: General Testing Corp.

Code: GTC Case No.: _____ SAS No.: _____

COMPOUND	SPIKE ADDED	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS CORRECTION (ug/l)
ama-BHC	20	5.0 U	9.7	48	-----
ptachlor	20	5.0 U	17.3	86	-----
pt. Epox.	20	5.0 U	18.8	94	-----
irin	20	5.0 U	19.2	96	-----
hoxy.	200	20 U	202	101	-----
liordane	-----	20 U	-----	-----	-----
oxaphene	-----	100 U	-----	-----	-----
EROGATES	RECOVERY SAMPLE %	LIMITS			
TCMX	80	60-150			
DBC	75	24-154			



Analyst's Signature

Area 6 & 7

GENERAL TESTING CORPORATION
10 Exchange St., Rochester, N.Y.
(716)454-3760

Analyst: Andrew Hoteling
Date: 10/29/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/29/93
RUN # 36
DIL. 1/100

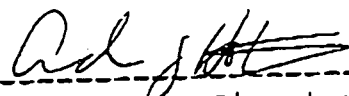
Job #: R93/4175-006

HERBICIDE
TCLP (8150)

BATCH Q.C. (Y/N): Y (R93/4175-001)

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS RESULT (ug/l)
2,4-D	200	504 0-0	216	108	---
Silvex	200	504 0-0	178	89	---

SURROGATE	RECOVERY SAMPLE %	LIMITS
2,4-DB	87	18-152



Analyst's Signature

Area 5

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y.
(716)454-3760

Analyst: Andrew Hoteling
Date: 10/29/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/29/93
RUN # 35
DIL. 1/100

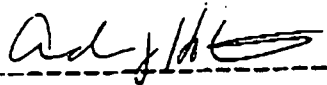
Job #: R93/4175-005

HERBICIDE
TCLP (8150)

BATCH Q.C. (Y/N): Y (R93/4175-001)

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS RESULT (ug/l)
2,4-D	200	540.0	216	108	----
Silvex	200	504.0	178	89	----

SURROGATE	RECOVERY SAMPLE %	LIMITS
2,4-DB	91	18-152



Analyst's Signature

Area 9

GENERAL TESTING CORPORATION
10 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: Andrew Hoteling
Date: 10/29/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/28/93
RUN # 34
DIL. 1/100

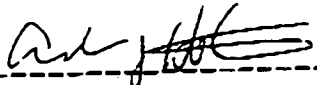
Job #: R93/4175-004

HERBICIDE
TCLP (8150)

BATCH Q.C. (Y/N): Y (R93/4175-001)

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS RESULT (ug/l)
2,4-D	200	5000.0	216	108	---
Silvex	200	5000.0	178	89	---

SURROGATE	RECOVERY SAMPLE %	LIMITS
2,4-DB	82	18-152



Analyst's Signature

Area 8

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: Andrew Hoteling
Date: 10/29/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/28/93
RUN # 33
DIL. 1/100

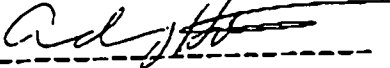
Job #: R93/4175-003

HERBICIDE
TCLP (8150)

BATCH Q.C. (Y/N): Y (R93/4175-001)

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS RESULT (ug/l)
2,4-D	200	504 0-0	216	108	---
Silvex	200	504 0-0	178	89	---

SURROGATE	RECOVERY SAMPLE %	LIMITS
2,4-DB	97	18-152



Analyst's Signature

Area 3 & 4

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y.
(716)454-3760

Analyst: Andrew Hoteling
Date: 10/29/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/28/93

RUN # | DIL.
32 | 1/100

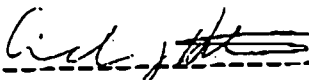
Job #: R93/4175-002

HERBICIDE
TCLP (8150)

BATCH Q.C. (Y/N): Y (R93/4175-001)

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS RESULT (ug/l)
2,4-D	200	504 0.0	216	108	---
Silvex	200	504 0.0	178	89	---

SURROGATE	RECOVERY SAMPLE %	LIMITS
2,4-DB	95	18-152



Analyst's Signature

Area 1

GENERAL TESTING CORPORATION
10 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: Andrew Hoteling
Date: 10/29/93
Instrument #: HP5890A-C
Date Extracted: 10/25/93
Date Analyzed: 10/28/93
RUN # 30 | DIL. 1/100

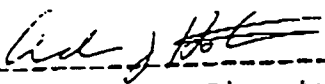
Job #: R93/4175-001

HERBICIDE
ECLP (8150)

BATCH Q.C. (Y/N): N

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONC. (ug/l)	MS CONC. (ug/l)	MS % REC	BIAS RESULT (ug/l)
2,4-D	200	504 0.0	216	108	---
Silvex	200	504 0.0	178	89	---

SURROGATE	RECOVERY SAMPLE %	LIMITS
2,4-DB	85	18-152



Analyst's Signature

LABORATORY REPORT

Job No: R93/04175

Date: OCT. 29 1993

Client:

Mr. Michael Farnsworth
Innovative Services International
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard Form U

Received

: 10/22/93

P.O. #:

TCLP BASE NEUTRALS BY EPA METHOD 8270* ANALYTICAL RESULTS - ug/l**

Sample:	-001	-002	-003	-004	-005	-006	-007	-008
Location:	AREA 1	AREA 3 & 4	AREA 8	AREA 9	AREA 5	AREA 6 & 7	AREA 1	AREA 3 & 4
Date Collected:	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93
Time Collected:	NA	NA	NA	NA	NA	NA	NA	NA
Date Extracted:	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93		
Date Analyzed:	10/27/93	10/27/93	10/27/93	10/27/93	10/27/93	10/27/93		
Dilution:								
1,4 Dichlorobenzene	50 U	50 U	50 U	50 U	50 U	50 U		
2,4-Dinitrotoluene	50 U	50 U	50 U	50 U	50 U	50 U		
Hexachlorobenzene	50 U	50 U	50 U	50 U	50 U	50 U		
Hexachloroethane	50 U	50 U	50 U	50 U	50 U	50 U		
Nitrobenzene	50 U	50 U	50 U	50 U	50 U	50 U		
Pyridine	100 U	100 U	100 U	100 U	100 U	100 U		
Hexachloro-1,3-butadiene	50 U	50 U	50 U	50 U	50 U	50 U		
Surrogate Standard Recovery:								
Nitrobenzene-d5 (Acceptance Limits: 35-114%)	54	34	46	53	56	53		
2-Fluorobiphenyl (Acceptance Limits: 43-116%)	56	42	55	54	57	53		
Terphenyl-d14 (Acceptance Limits: 33-141%)	52	49	56	50	56	53		

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10165
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.

Data reported is unbiased on the above regulation.

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04175

Date: OCT. 29 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard Form U

Received

: 10/22/93

P.O. #:

TCLP ACID EXTRACTABLES BY EPA METHOD 8270*** ANALYTICAL RESULTS - ug/l

Sample:	-001	-002	-003	-004	-005	-006	-007	-008
Location:	AREA 1	AREA 3 & 4	AREA 8	AREA 9	AREA 5	AREA 6 & 7	AREA 1	AREA 3 & 4
Date Collected:	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93
Time Collected:	NA	NA	NA	NA	NA	NA	NA	NA
Date Extracted:	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93	10/26/93		
Date Analyzed:	10/27/93	10/27/93	10/27/93	10/27/93	10/27/93	10/27/93		
Dilution:								
m+p-cresol	100 U	100 U	100 U	100 U	100 U	100 U		
o-cresol	100 U	100 U	100 U	100 U	100 U	100 U		
Pentachlorophenol	200 U	200 U	200 U	200 U	200 U	200 U		
2,4,5-Trichlorophenol	100 U	100 U	100 U	100 U	100 U	100 U		
2,4,6-Trichlorophenol	100 U	100 U	100 U	100 U	100 U	100 U		
Surrogate Standard Recoveries:								
2-Fluorophenol (Acceptance Limits: 21-100%)	29	1 *	41	11 *	31	33		
Phenol-d6 (Acceptance Limits: 10-94%)	18	0 *	30	8 *	23	22		
2,4,6-TriBromophenol (Acceptance Limits: 10-123%)	75	5 *	82	68	76	52		

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

Data reported is unbiased on the above regulation.

Laboratory Director



A Full Service Environmental Laboratory
LABORATORY REPORT

Job No: R93/04175 Date: OCT. 29 1993

Client:
 Mr. Michael Farnsworth
 Innovative Services International
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference
 Schreck Scrapyard Form U

Received : 10/22/93 P.O. #:

TCLP VOLATILES BY EPA METHOD 8240*** ANALYTICAL RESULTS - ug/l								
Sample:	-001	-002	-003	-004	-005	-006	-007	-008
Location:	AREA 1	AREA 3 & 4	AREA 8	AREA 9	AREA 5	AREA 6 & 7	AREA 1	AREA 3 & 4
Date Collected:	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93	10/22/93
Time Collected:	NA	NA	NA	NA	NA	NA	NA	NA
Date Analyzed:	10/28/93	10/28/93	10/28/93	10/28/93	10/28/93	10/28/93		
Dilution:	10	10	10	10	10	10		
Benzene	50 U	50 U	50 U	50 U	50 U	50 U		
Carbon Tetrachloride	50 U	50 U	50 U	50 U	50 U	50 U		
Chlorobenzene	50 U	50 U	50 U	50 U	50 U	50 U		
Chloroform	50 U	50 U	50 U	50 U	50 U	50 U		
1,2-Dichloroethane	50 U	50 U	50 U	50 U	50 U	50 U		
1,1-Dichloroethene	50 U	50 U	50 U	50 U	50 U	50 U		
Methyl Ethyl Ketone	100 U	100 U	100 U	100 U	100 U	100 U		
Tetrachloroethene	50 U	50 U	50 U	50 U	50 U	50 U		
Trichloroethene	50 U	50 U	50 U	50 U	50 U	50 U		
Vinyl Chloride	50 U	50 U	50 U	50 U	50 U	50 U		
SURROGATE STANDARD RECOVERIES								
1,2-Dichloroethane-d4 (Acceptance Limits: 76-114%)	96	95	100	97	105	104		
Toluene d8 (Acceptance Limits: 88-110%)	106	104	107	104	101	102		
Bromofluorobenzene (Acceptance Limits: 86-115%)	95	98	94	95	96	97		

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.
 Data reported is unbiased on the above regulation.

 Laboratory Director

LABORATORY REPORT

Job No: R93/04175

Date: OCT. 29 1993

Client:

Mr. Michael Farnsworth
Innovative Services International
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard Form U

Received

: 10/22/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample: 006
Location: AREA 6 &
Date Collected: 10/22/93
Time Collected: NA
UNBIASED

TCLP Extraction Metals ***

Arsenic	0.500 U
Barium	2.05
Cadmium	0.100 U
Chromium	0.100 U
Copper	0.0387
Lead	0.326
Mercury	0.0010 U
Nickel	0.925
Selenium	0.500 U
Silver	0.100 U
Zinc	9.89

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.

Data reported is unbiased on the above regulation.

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04175

Date: OCT. 29 1993

Client:

Mr. Michael Farnsworth
Innovative Services International
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard Form U

Received

: 10/22/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample:	-005							
Location:	AREA 5							
Date Collected:	10/22/93							
Time Collected:	NA							
	UNBIASED							
TCLP Extraction Metals ***								
Arsenic	0.500 U							
Barium	1.31							
Cadmium	0.100 U							
Chromium	0.100 U							
Copper	0.0200 U							
Lead	0.100 U							
Mercury	0.0010 U							
Nickel	0.139							
Selenium	0.500 U							
Silver	0.100 U							
Zinc	3.09							

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.

Data reported is unbiased on the above regulation.

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04175

Date: OCT. 29 1993

Client:

Mr. Michael Farnsworth
Innovative Services International
5033 Transit Rd.
Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard Form U

Received

: 10/22/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Table with 8 columns and 4 rows of analytical data including Sample, Location, Date Collected, Time Collected, and TCLP Extraction Metals (Copper, Nickel, Zinc).

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
NJ ID# in Rochester: 73331
NJ ID# in Hackensack: 02317
NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126,
June 29, 1990.

Data reported is biased on the above regulation.

Laboratory Director



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R93/04195

Date: OCT. 29 1993

Client:

Mr. Michael Farnsworth
 Innovative Services International
 5033 Transit Rd.
 Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard

Received

: 09/21/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample:	-001	-008	-009				
Location:	AREA 1	AREA 8	AREA 9				
Date Collected:	09/20/93	09/20/93	09/20/93				
Time Collected:	NA	NA	NA				
TCLP Extraction Metals							
TCLP Copper	0.420	0.0200 U	0.0200 U				
TCLP Nickel	0.167	0.262	0.438				
TCLP Zinc	3.63	0.806	192				

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.
 Federal Register, Part 261, Vol. 55, No. 126,
 June 29, 1990.

Data reported is biased on the above regulation.

Laboratory Director

Composite as of 12-20-95

Soil Composite #1

SAMPLE TRACKING LOG

Sample No.	Grid	Section No. Depth	Date Sampled	Laboratory Qty's	Chain of Custody No.	Type of Analysis	RESULTS		Data Validation Comments	Field Action
							Written	Dates Deliverable		
# 38		2'		129.6			Dirty			
# 39		2.5'		200.4			Dirty			
# 23		1'		76.6			Dirty			
# 13		2'		121.4			Dirty			
[?] # 14		(1')		31.6			Dirty	X not dirty!	<10ppm not to be excavated beyond contract limits.	
# 19		3'		200.4			Dirty			
# 17		2'		153.2			Dirty			
				Total Qty's						
				913.2						
				- 31.6						
				881.6						

Note: "Depth" indicates depth sampled below contract limits. Example for Grid Section # 38 - composite consists of 2 feet of soil below top foot ~~sample~~ already characterized on log by site characterization and specified to be removed by contract.

Charles [Signature]

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: 1-716-554-5347

Tel: 1-800-THE LABS

Tel: 1-800-843-5227 FAX 1-716-554-4114

WORKORDER NUMBER:

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY STATE LABORATORY #11369

LABORATORY REPORT - PCB'S

CUSTOMER NAME: ISI
ADDRESS: 5033 Transit Rd
Depew NY 14043

Attn: Mike Farnsworth

PO NUMBER:
PROJECT NO:
PROJECT CUST:
PROJECT SITE: Schreck's Scrap Yard
RESULTS SENT: FAX DATE: 1/6/94
LAB DIRECTOR:

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results shown in bold type:

Detection Limits shown in (mg/kg)

Results expressed in mg/kg = ppm

Extraction Method: Sonication 3550

Analysis Method: Gas Chromatograph with
Electron Capture Detector

SAMPLE ID (LAB)	2139
SAMPLE ID (CUST)	Composite #1
MATRIX	SOIL
DATE SAMPLED	12/28/93
DATE RECEIVED	1/3/94
DATE ANALYZED	1/3/94
DATE REPORTED	1/6/94

Aroclor 1016	<1	(1)
Aroclor 1221	<1	(1)
Aroclor 1232	<1	(1)
Aroclor 1242	<1	(1)
Aroclor 1248	<1	(1)
Aroclor 1254	<1	(1)
Aroclor 1260	<1	(1)

RESULTS WHEN YOU WANT THEM

EXPRESSLAB PO Box 40 5611 Water Street Middlesex NY 14507

Tel: 1-716-554-5347 Tel: 1-800-THE LABS Tel: 1-800-843-5227 FAX 1-716-554-4114

WORKORDER NUMBER:

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY STATE LABORATORY #11369

LABORATORY REPORT - TCLP 8 METALS

CUSTOMER NAME: ISI
ADDRESS: 5033 Transit Rd
Depew NY 14043

Attn: Mike Farnsworth

PO NUMBER:
PROJECT NO: *Composite # 2*
PROJECT CUST:
PROJECT SITE: Schreck's Scrap Yard
RESULTS SENT: FAX DATE: 1/7/94
LAB DIRECTOR: *Sal [Signature]*

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results shown in bold type:
Detection Limits shown in (mg/L)
Results expressed in mg/L = ppm
Extraction Method: Closed Cup Extraction for 18 hrs
Analysis Method: Atomic Adsorption/Graphite Furnace
and Atomic Adsorption/Cold Vapor Extraction

SAMPLE ID (LAB) 2139
SAMPLE ID (CUST) Composite #1
MATRIX SOIL
DATE SAMPLED 12/28/93
DATE RECEIVED 1/3/94
DATE ANALYZED 1/7/94
DATE REPORTED 1/7/94

Arsenic	<0.5	(0.5)
Barium	1.0	(0.5)
Cadmium	<0.5	(0.5)
Chromium	<0.5	(0.5)
Lead	<0.5	(0.5)
Mercury	<0.2	(0.5)
Selenium	<0.5	(0.5)
Silver	<0.5	(0.5)

Hillier Comp #1

as of 12/29/93

SAMPLE TRACKING LOG

is
me
ready in
sp#1

Sample No. Grid	Section No. Depth	Date Sampled	Laboratory Qty's	Chain of Custody No.	Type of Analysis	RESULTS		Data Validation: Comments	Field Action
						Written	Dates Deliverable		
# 25	2'		150						
# 23	(1) 2'		2			X	Volume already included in Composite #1		
# 13	(3) 1'		55			X	2 feet of Volume already included in Comp #1		
# under Garage	1'		130						
# 32	2'		93						RA 12/29/93
# 31	2'		74						
			302 cy						

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: 1-716-554-5347

Tel: 1-800-THE LABS

Tel: 1-800-843-5227 FAX 1-716-554-4114

WORKORDER NUMBER:

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY STATE LABORATORY #11369

LABORATORY REPORT - PCB'S

CUSTOMER NAME: ISI
ADDRESS: 5033 Transit Rd
Depew NY 14043

Attn: Mike Farnsworth

PO NUMBER:
PROJECT NO: *Composite #2*
PROJECT CUST:
PROJECT SITE: Schreck's Scrap Yard
RESULTS SENT: FAX DATE: 1/6/94
LAB DIRECTOR: *[Signature]*

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results shown in bold type:

Detection Limits shown in (mg/kg)

Results expressed in mg/kg = ppm

Extraction Method: Sonication 3550

Analysis Method: Gas Chromatograph with
Electron Capture Detector

SAMPLE ID (LAB)	2139
SAMPLE ID(CUST)	Composite <i>B</i> #2
MATRIX	SOIL
DATE SAMPLED	12/28/93
DATE RECEIVED	1/3/94
DATE ANALYZED	1/3/94
DATE REPORTED	1/6/94

Aroclor 1016	<1	(1)
Aroclor 1221	<1	(1)
Aroclor 1232	<1	(1)
Aroclor 1242	<1	(1)
Aroclor 1248	<1	(1)
Aroclor 1254	<1	(1)
Aroclor 1260	<1	(1)

RESULTS WHEN YOU WANT THEM

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: 1-716-554-5347

Tel: 1-800-THE LABS

Tel: 1-800-843-5227 FAX 1-716-554-4114

WORKORDER NUMBER:

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY STATE LABORATORY #11369

LABORATORY REPORT - TCLP 8 METALS

CUSTOMER NAME: ISI
ADDRESS: 5033 Transit Rd
Depew NY 14043

Attn: Mike Farnsworth

PO NUMBER:
PROJECT NO:
PROJECT CUST:
PROJECT SITE: Schreck's Scrap Yard
RESULTS SENT: FAX DATE: 1/6/94
LAB DIRECTOR:

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results shown in bold type:
Detection Limits shown in (mg/L)
Results expressed in mg/L = ppm

Extraction Method: Closed Cup Extraction for 18 hrs
Analysis Method: Atomic Adsorption/Graphite Furnace
and Atomic Adsorption/Cold Vapor Extraction

SAMPLE ID (LAB)	2139
SAMPLE ID (CUST)	Composite # B # 2
MATRIX	SOIL
DATE SAMPLED	12/28/93
DATE RECEIVED	1/3/94
DATE ANALYZED	1/3/94
DATE REPORTED	1/6/94

Arsenic	(0.5)
Barium	1.0 (0.5)
Cadmium	(0.5)
Chromium	(0.5)
Lead	<0.5 (0.5)
Mercury	<0.2 (0.5)
Selenium	(0.5)
Silver	<0.5 (0.5)

1D
AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GCOMP3

Lab Name: General Testing Contract: Inn. Service

Lab Code: 10145 Case No. SAS No.: SDG No.: GCOMP3

Matrix: (soil/water) SOIL Lab Sample ID: R94/0041-001

Sample wt/vol: 30 (g/ml)g Lab File ID:

% Moisture: 15 Decanted (Y/N): N Date Received: 01/07/94

Extraction: (Sepf/Cont/Sonc) SONC Date Extracted: 01/11/94

Concentrated Extract Volume: 10000 (ul) Date Analyzed: 01/18/94

Injected Volume: 1.0 (ul) Dilution Factor: 1

GPC Cleanup: (Y/N)N pH: Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
 (UG/L or ug/KG) . ug/KG Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L or ug/KG) . ug/KG	Q
12674-11-2-----	Aroclor-1016	39	U
11104-28-2-----	Aroclor-1221	78	U
11141-16-5-----	Aroclor-1232	39	U
53469-21-9-----	Aroclor-1242	39	U
12672-29-6-----	Aroclor-1248	39	U
11097-69-1-----	Aroclor-1254	120	U
11096-82-5-----	Aroclor-1260	39	U

FORM I PCB
 NYSDEC B-76

Composite #3

10
AROCOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GCOMP3 - C

Lab Name: General Testing

Contract: Inn. Service

Lab Code: 10145

Case No.

SAS No.:

SDG No.: GCOMP3

Matrix: (soil/water) WATER - SOIL

Lab Sample ID: R94/0041-001

Sample wt/vol: 30 (g/ml)g

Lab File ID:

% Moisture: 15 Decanted (Y/N): N

Date Received: 01/07/94

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 01/11/94

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 01/18/94

Injected Volume: 1.0 (ul)

Dilution Factor: 1

GPC Cleanup: (Y/N)N pH:

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(UG/L or ug/KG)	UG/L	
12674-11-2	Aroclor-1016		39	U
11104-28-2	Aroclor-1221		78	U
11141-16-5	Aroclor-1232		39	U
53469-21-9	Aroclor-1242		39	U
12672-29-6	Aroclor-1248		39	U
11097-69-1	Aroclor-1254		120	U
11096-82-5	Aroclor-1260		39	U

G-3
Confirmatory Sampling Results

Table G-3
PCB Soil Confirmatory Results (3)
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

Sample Identification Number (1)	Location (4)	Date Sampled	Laboratory	Chain Of Custody Number	PCB Concentration (ppm)
1. (0+50, 125.5R), 1D	3/DTR	08/25/93	Field	NA	> 10
2. (0+50, 125.5R), 2D	3/DTR	08/25/93	Field	NA	< 10
3. (0+87.5, 110R), 1D	8/DP	08/27/93	Field	NA	> 10
4. (0+88.5, 95R), 1D	9/DP	08/27/93	Field	NA	< 10
5. (0+87.5, 110R), 2D	8/DP	08/30/93	Field	NA	< 10
6. (1+19.5, 83.5R), 1D	9/DP	08/30/93	Field	NA	< 10
7. (1+19.5, 113.5R), 1D	7/DP	08/30/93	Field	NA	< 10
8. (0+26.5, 169.6R), 1D	2/GAR	08/30/93	GTC	001	> 10
9. (3+05, 160R), 10D	TT-3	09/03/93	GTC	003	< 10
12. (3+54, 35.4R), 7D	TT-7	09/17/93	Field	NA	> 10
13. Office Foot Print	OFFFDN	09/17/93	Field	NA	< 10
14. (0+75, 15R), 1D	12/RR	10/07/93	Field	NA	< 10
15. (0+94, 15R), 1D	22/RR	10/08/93	Field	NA	< 10
16. (1+14, 15R), 1D	30/RR	10/08/93	Field	NA	> 10
17. (1+64, 15R), 2D	30/RR	10/11/93	Field	NA	< 10
18. (2+17, 15R), 1D	37/RR	10/12/93	Field	NA	< 10
19. (2+67.5, 19R), 1D	44/RR	10/12/93	Field	NA	< 10
20. (3+20, 20R), 1D	53/RR	10/14/93	Field	NA	< 10
21. (3+20, 20R), 1D	53/RR	10/14/93	GTC	008	< 10
22. (3+71, 35.5R), 1D	59/RR	10/15/93	Field	NA	< 10
23. (4+08.5, 21.5R), 1D	60/RR	10/15/93	Field	NA	< 10
24. (0+75, 166R), 1D	7/NAR	10/19/93	Field	NA	> 10
25. (0+75, 156R), 2D	7/NAR	10/19/93	Field	NA	< 10
26. (3+45.5, 62R), 1D	52/RR	10/20/93	Field	NA	> 10
27. (3+60.5, 62R), 1D	58/RR	10/20/93	Field	NA	> 10
28. (3+48, 148R), 1D	46,48,54,55/A2	10/21/93	Field	NA	> 10
29. (3+45.5, 62R), 2D	52/RR	10/21/93	Field	NA	< 10
30. (3+60.5, 62R), 12D	58/RR	10/21/93	Field	NA	< 10
31. (3+48, 148R), 2D	46,48,54,55/A2	10/21/93	Field	NA	> 10
32. (3+47, 83.5R), 3D	51/A2	10/22/93	Field	NA	> 10
33. (3+80, 83.5R), 3D	57/A2	10/22/93	Field	NA	> 10
34. (3+47, 83.5R), 4D	51/A2	10/25/93	Field	NA	< 10
35. (3+80, 83.5R), 4D	57/A2	10/25/93	Field	NA	< 10
36. (3+20, 62R), 6D	50/A2	10/25/93	Field	NA	< 10
37. (3+20, 90R), 6D	50A/A2	10/26/93	Field	NA	< 10
38. (3+40, 110R), 6D	49A/A2	10/26/93	Field	NA	< 10
39. (3+25, 125R), 3D	49,48/A2	10/26/93	Field	NA	> 10
40. (3+75, 125R), 3D	56,55/A2	10/26/93	Field	NA	< 10
41. (3+45, 163.5R), 3D	46,47/A2	10/26/93	Field	NA	> 10
42. (3+55, 155R), 4D	54/A2	10/27/93	GTC	010	< 10
43. (3+25, 125R), 4D	49,48/A2	10/27/93	Field	NA	< 10
44. (3+45, 163.5R), 4D	46,47/A2	10/27/93	Field	NA	< 10
45. (3+55, 155R), 3D	54/A2	10/27/93	Field	NA	> 10
46. (3+55, 155R), 4D	54/A2	10/28/93	Field	NA	< 10
47. (3+05, 230R), 1D	45/A5	10/28/93	Field	NA	< 10
48. (3+10, 190R), 1D	46A/A5	10/29/93	Field	NA	> 10
49. (3+10, 196R), 2D	46A/A5	11/01/93	Field	NA	< 10
50. (2+90, 165R), 3D	40/A2	11/04/93	Field	NA	> 10

Table G-3
PCB Soil Confirmatory Results (3)
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

Sample Identification Number (1)	Location (4)	Date Sampled	Laboratory	Chain Of Custody Number	PCB Concentration (ppm)
51. (2+90, 140R), 3D	41/A2	11/04/93	Field	NA	< 10
52. (2+90, 165R), 4D	40/A2	11/04/93	Field	NA	> 10
53. (2+90, 165R), 5D	40/A2	11/05/93	Field	NA	> 10
55. (2+90, 165R), 6D	40/A2	11/05/93	Field	NA	> 10
56. (2+90, 165R), 7D	40/A2	11/05/93	Field	NA	> 10
57. (2+90, 165R), 8D	40/A2	11/05/93	Field	NA	< 10
58. (2+90, 165R), 8D	40/A2	11/05/93	GTC	011	< 10
59. (0+26.5, 169.1R), 2D	2/A9	11/10/93	Field	NA	< 10
60. (0+26.5, 169.5), 2D	2/A9	11/10/93	GTC	013	< 10
61. (2+70, 60R), 6D	43/A3,4	11/11/93	Field	NA	< 10
62. (2+20, 45R), 4D	36/A7	11/18/93	Field	NA	< 10
63. (2+70, 110R), 6D	42/A3,4	12/01/93	Field	NA	< 10
64. (2+33, 85R), 6D	34/A3,4	12/01/93	Field	NA	< 10
65. (2+45, 122.5R), 6D	33/A3,4	12/03/93	Field	NA	< 10
66. (1+88, 48R), 4D	29/A7	12/03/93	Field	NA	< 10
67. (2+80, 220R), 1D	38/A5	12/03/93	Field	NA	> 10
68. (2+80, 160R), 1D	39/A5	12/03/93	Field	NA	> 10
69. (2+80, 220R), 1D	38/A5	12/03/93	GTC	014	< 10
70. (2+80, 160R), 1D	39/A5	12/03/93	GTC	014	< 10
71. (2+10, 220), 1D	31/A5	12/06/93	Field	NA	> 10
72. (2+30, 45R), 4D	35/A7	12/06/93	Field	NA	> 10
73. (2+10, 220R), 1D	31/A5	12/06/93	GTC	014	< 10
74. (2+20, 45R), 4D	35/A7	12/06/93	GTC	014	< 10
75. (0+80, 60R), 4D	10/A7	12/07/93	Field	NA	< 10
76. (0+85, 40R), 4D	11/A7	12/07/93	Field	NA	< 10
77. (1+90, 67.5R), 4D	28/A7	12/07/93	Field	NA	< 10
78. (2+20, 45R), 5D	35/A7	12/09/93	Field	NA	< 10
79. (1+15, 60R), 4D	10A/A7	12/09/93	Field	NA	< 10
80. (1+15, 40R), 4D	11A/A7	12/09/93	Field	NA	< 10
81. (2+80, 220R), 2D	38/A5	12/09/93	Field	NA	> 10
82. (2+10, 220R), 2D	31/A5	12/09/93	Field	NA	> 10
83. (1+35, 65R), 5D	20/A7	12/10/93	Field	NA	< 10
84. (1+35, 45R), 5D	21/A7	12/10/93	Field	NA	< 10
85. (2+80, 160R), 2D	39/A5	12/13/93	Field	NA	< 10
86. (2+10, 220R), 3D	31/A5	12/13/93	Field	NA	> 10
87. (2+80, 220R), 3D	38/A5	12/13/93	Field	NA	> 10
88. (2+10, 220R), 4D	31/A5	12/13/93	Field	NA	< 10
89. (1+60, 65R), 5D	20A/A7	12/10/93	Field	NA	< 10
90. (1+60, 45R), 5D	21A/A7	12/10/93	Field	NA	< 10
97. (2+45, 155R), 6D	33A/A3,4	12/16/93	Field	NA	< 10
98. (2+58, 155R), 6D	42A/A3,4	12/16/93	Field	NA	< 10
91. (2+73, 190R), 25D	39/A5	12/15/93	Field	NA	< 10
92. (2+63, 210R), 2D	38/A5	12/15/93	Field	NA	> 10
93. (2+03, 209R), 15D	24/A5	12/15/93	Field	NA	< 10
94. (2+73, 190R), 2.5D	39/A5	12/15/93	GTC	016	< 10
95. (2+63, 210R), 2D	38/A5	12/15/93	GTC	016	> 10
96. (2+03, 209R), 1.5D	31/A5	12/15/93	GTC	016	< 10
99. (0+10, 225R), 1D	1/A9	12/09/93	Field	NA	< 10

Table G-3
PCB Soil Confirmatory Results (3)
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Sample Identification Number (1)</i>	<i>Location (4)</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Chain Of Custody Number</i>	<i>PCB Concentration (ppm)</i>
100. (1+75, 225R), 1D	23/A5	12/17/93	Field	NA	> 10
101. (1+75, 225R), 1D	23/A5	12/17/93	GTC	016	< 10
102. (0+85, 225R), 3D	4/A9	12/17/93	Field	NA	< 10
103. (1+20, 225R), 1F	13/A5	12/17/93	Field	NA	> 10
104. (1+85, 125R), 4D	27/A7	12/17/93	Field	NA	< 10
105. (2+05, 105R), 4D	27B/A7	12/17/93	Field	NA	< 10
106. (1+40, 85R), 1D	19/A8	12/17/93	Field	NA	> 10
107. (1+40, 85R), 2D	19/A8	12/20/93	Field	NA	> 10
108. (1+40, 85R), 3D	19/A8	12/20/93	Field	NA	> 10
109. (1+40, 85R), 3D	19/A8	12/20/93	GTC	016	= 10
110. (1+40, 85R), 4D	19/A8	12/20/93	Field	NA	< 10
111. Beneath Concrete Sump, 5D	6/A9	12/20/93	Field	NA	< 10
112. (1+30, 110R), 1D	17/A8	12/20/93	Field	NA	> 10
113. (1+30, 110R), 2D	17/A8	12/20/93	Field	NA	> 10
114. (1+30, 110R), 3D	17/A8	12/20/93	Field	NA	< 10
115. (2+63, 210R), 3D	38/A5	12/20/93	Field	NA	< 10
116. (1+20, 225R), 2D	13/A5	12/20/93	Field	NA	> 10
117. (1+25, 180R), 1D	14/A5	12/21/93	Field	NA	< 10
118. (1+60, 180R), 1D	25/A5	12/21/93	Field	NA	> 10
119. (1+20, 225R), 3D	13/A5	12/21/93	Field	NA	> 10
120. (1+75, 225R), 2D	23/A5	12/21/93	Field	NA	< 10
121. (1+60, 180R), 2D	25/A5	12/21/93	Field	NA	> 10
122. (1+00, 195R), 3D	5/A9	12/20/93	Field	NA	< 10
123. (0+65, 175R), 1D	GAR	12/22/93	Field	NA	> 10
124. (1+15, 275R), 9D	15/A9	12/22/93	Field	NA	< 10
125. (0+65, 175R), 1D	GAR	12/22/93	GTC	017	< 10
126. (1+75, 205R), 3D	24/A5	12/22/93	Field	NA	< 10
128. (2+20, 160R), 1D	82/A5	12/22/93	Field	NA	> 10
129. (1+60, 180R), 3D	25/A5	12/22/93	Field	NA	< 10
130. (1+20, 225R), 4D	13/A5	12/22/93	Field	NA	< 10
131. (0+65, 175R), 2D	GAR	12/22/93	Field	NA	< 10
132. (2+20, 160R), 2D	32/A5	12/22/93	Field	NA	> 10
133. (2+30, 220R), 2D	31/A5	12/22/93	Field	NA	> 10
134. (2+20, 160R), 3D	32/A5	12/28/93	Field	NA	< 10
135. (2+30, 220R), 3D	31/A5	12/28/93	Field	NA	< 10
136. (1+35, 160R), 4D	16/A6	12/31/93	Field	NA	> 10
137. (1+35, 140R), 4D	18A/A6	12/31/93	Field	NA	> 10
138. (1+65, 160R), 4D	26/A6	12/31/93	Field	NA	< 10
139. (1+60, 145R), 4D	27A/A6	12/31/93	Field	NA	> 10
140. (1+60, 145R), 5D	27A/A6	01/04/94	Field	NA	< 10
141. (1+35, 140R), 5D	18A/A6	01/04/94	Field	NA	> 10
142. (1+35, 160R), 5D	16/A6	01/04/94	Field	NA	> 10
143. (1+35, 140R), 6D	18A/A6	01/05/94	Field	NA	< 10
144. (1+35, 160R), 6D	16/A6	01/05/94	Field	NA	< 10
145. (3+20, 210R), SF	SAR1	01/26/94	Field	NA	< 10
146. (3+20, 170R), SF	SAR2	01/26/94	Field	NA	< 10
147. (1+40, 110R), SF	CAR1	01/26/94	Field	NA	< 10
148. (1+80, 120R), SF	CAR2	01/26/94	Field	NA	< 10

Table G-3
PCB Soil Confirmatory Results (3)
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

Sample Identification Number (1)	Location (4)	Date Sampled	Laboratory	Chain Of Custody Number	PCB Concentration (ppm)
149. (2+30, 140R), SF	CAR3	01/26/94	Field	NA	< 10
150. (2+80, 150R), SF	CAR4	01/26/94	Field	NA	< 10
151. (2+30, 140R), SF	CAR3	01/26/94	GTC	017	< 10
152. (0+60, 150R), SF	NAR1	01/26/94	Field	NA	< 10
153. (0+90, 180R), 1D	SCA	01/27/94	Field	NA	< 10
154. (1+40, 110R), SF	CAR1	02/07/94	Field	NA	> 10
155. (1+80, 120R), SF	CAR2	02/07/94	Field	NA	< 10
156. (2+30, 140R), SF	CAR3	02/07/94	Field	NA	< 10
157. (2+30, 140R), SF	CAR3	02/07/94	GTC	018	< 10
158. (0+75, 105R), 2.5D	DP Sump	02/07/94	Field	NA	> 10
159. (1+00, 100R), SF	DP	02/07/94	Field	NA	> 10
160. (0+75, 105R), 2.5D	DP Sump	02/07/94	GTC	NA	< 10
161. (1+40, 110R), SF	CAR1	02/10/94	GTC	NA	< 10
162. (1+00, 100R), SF	DP1	02/10/94	GTC	NA	< 10
163. (0+70, 90R), SF	DP2	02/10/94	GTC	NA	< 10

ABBREVIATIONS:

A#	- Contractor Designated Area	NAR	- North Access Road
CAR	- Central Access Road	OFFDN	- Office Foot Print
D	- Depth (Feet)	SAR	- South Access Road
DP	- Decon Pad	SCA	- Secondary Containment Area
DP Sump	- Decon Pad Sump Area	R	- Right (Feet)
DTR	- Decon Trailer Area	RR	- Railroad Area
GAR	- Garage Foot Print	SF	- Ground Surface
GTC	- General Testing Corporation	TT	- Test Trench Area
NA	- Not Applicable		

NOTE:

- (1) - Sample identification number consists of: Sample number, location (coordinate in stations and linear feet right of baseline) and depth in linear feet, unless otherwise noted.
- (2) - Sample numbers 10, 11 and 127 not used.
- (3) - Samples analyzed in GTC Laboratory were duplicate samples collected and analyzed by modified EPA Method 91-3 to verify field analysis. See Appendix G-4 for verification sample analysis reports.
- (4) - Location consists of: Sample section and area.

G-4
Verification Sampling Results



LABORATORY REPORT

Job No: R93/03341

Date: SEPT 2 1993

Client:

Mr. Michael Farnsworth
Innovative Services Internat
5033 Transit Rd
Depew, NY 14043

Sample(s) Reference

Schreck Scrapyard

S#: 8(0+26.5, 169.6R), 1D

Received

: 08/30/93

P.O. #:

ANALYTICAL RESULTS - mg/l

Sample:	-001								
Location:	GARAGE								
Date Collected:	08/30/93								
Time Collected:	14:30								

TCLP Metals									
Arsenic	0.500 U								
Barium	1.00 U								
Cadmium	0.177								
Chromium	0.100 U								
Lead	8.70								
Mercury	0.0060								
Selenium	0.500 U								
Silver	0.100 U								

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145

NJ ID# in Rochester: 73331

NJ ID# in Hackensack: 02317

NY ID# in Hackensack: 10801

***TCLP Toxicity Characteristic Leaching Procedure.

Federal Register, Part 261, Vol. 55, No. 126,

June 29, 1990.

Data reported is unbiased on the above regulation.

Michael F. Perry

Laboratory Director

Profile # AF9967 - AF9968

In front of Garage

GENERAL TESTING CORPORATION
710 Exchange St., Rochester, N.Y
(716)454-3760

Analyst: Dave Masucci
Date: 09/01/93
Instrument: HP5890II-F
Date Extracted: 08/31/93
Date Analyzed: 09/01/93
RUN # 26
Dil. 1/500

LABORATORY REPORT

Analysis: 91-3 MODIFIED PCB ONLY

\$#: 8. (0+26.5, 169.62), 1D

Cleanups: H+ / S=

Client: INN. SERVICES
Job#: R93/3339-1

SOLID
0.83

Initial Wt/Vol 30.0 gms
Final Vol 10 mls

COLUMN A:1701

ANALYTICAL RESULTS

Compound	Reten. Time	Area Units	Initial Conc. (ug/l)	Conc. Factor	Dil. Factor	Final Conc. (ug/kg)	Q
PCB_1016			100 U	3.0	500	20000 U	
PCB_1221			200 U	3.0	500	40000 U	
PCB_1232			100 U	3.0	500	20000 U	
PCB_1242			100 U	3.0	500	20000 U	
PCB_1248			100 U	3.0	500	20000 U	
PCB_1254			100 U	3.0	500	20000 U	
PCB_1260			214	3.0	500	43000	

Surrogate Standards	Reten. Time	Area Units	Total Recovery	Amount Added	Percent Recovery	Accep. Limits	Q
Tetrachloro-m-xylene				13.3		60-150	D
Decachlorobiphenyl				13.3		60-150	D

D = Surrogate is diluted out.

[Signature]
Analyst

TO: <i>Innovative Services</i>	FROM: <i>Janice Jaeger</i>
CO: <i>Trite-Farnsworth</i>	# OF PAGES: <i>1</i>
FAX: <i>716-0585</i>	CO.: GENERAL TESTING CORP.
	FAX #: 716-454-1245

Grid 54
sampled 10/27

1D
AROCOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GRID54

*Bottom
of Excavation*

Lab Name: General Testing

Contract: INN. SERVICES

Lab Code: 10145

Case No.

SAS No.:

SDG No.: GRID54

Matrix: (soil/water) SOIL

Lab Sample ID: 4326-1

Sample wt/vol: 30 (g/ml)G

Lab File ID: S# 42(3155, 155R)AD

Moisture: 13 decanted: (Y/N) N

Date Received: 10/28/93

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 10/28/93

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 11/01/93

Injected Volume: 1.0 (ul)

Dilution Factor: 10

PC Cleanup: (Y/N)N

pH: 8.2

Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND	UG/KG	Q
2674-11-2	Aroclor-1016	380	U
1104-28-2	Aroclor-1221	770	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	2600	U
11096-82-5	Aroclor-1260	380	U

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1D
 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GRID40 *confirmatory*

Lab Name: General Testing Contract: INN SERVICES

Lab Code: 10145 Case No: SAS No.: SDG No.: GRID40

Matrix: (soil/water) SOIL Lab Sample ID: 4410-1

Sample wt/vol: 30 (g/ml)G Lab File ID: *S# 58(2490,165R)8D*

Moisture: 22 decanted: (Y/N) N Date Received: 11/08/93

Extraction: (Sepf/Cont/Sonc) SONC Date Extracted: 11/08/93

Concentrated Extract Volume: 10000 (ul) Date Analyzed: 11/09/93

Injected Volume: 1.0 (ul) Dilution Factor: 10

Chlorine Cleanup: (Y/N)N pH: 8.6 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND	UG/KG	Q
2674-11-2	Aroclor-1016	430	U
1104-28-2	Aroclor-1221	850	U
1141-16-5	Aroclor-1232	430	U
3469-21-9	Aroclor-1242	430	U
2672-29-6	Aroclor-1248	890	
1097-69-1	Aroclor-1254	1600	
1096-82-5	Aroclor-1260	430	U

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TO: <i>Mike Farnsworth</i>	FROM: <i>Janece Jager</i>
CO: <i>Inn. Services</i>	# OF PAGES: <i>1</i>
FAX #: <i>743-0585</i>	COMPANY: <i>GENERAL TESTING CORP.</i>
COMMENT:	PHONE: <i>910-476-1243</i>

1D
 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GRID2
Confirmatory

Name: General Testing Contract: INN. SERVICE
 Code: 10145 Case No. SAS No.: SDG No. ESIDE
 Matrix: (soil/water) SOIL Lab Sample ID: R93/4456-005
 Sample wt/vol: 30 (g/ml)G Lab File ID: *60(0+26.5, 169.5)2D*
 Moisture: 14 Decanted (Y/N): N Date Received: 11/12/93
 Fraction: (Sepf/Cont/Sonc) SONC Date Extracted: 11/15/93
 Concentrated Extract Volume: 10000 (ul) Date Analyzed: 11/16/93
 Injected Volume: 1.0 (ul) Dilution Factor: 2
 Cleanup: (Y/N)N pH: 8.8 Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND	ug/KG	Q
2674-11-2	Aroclor-1016	78	U
104-28-2	Aroclor-1221	160	U
1141-16-5	Aroclor-1232	78	U
3469-21-9	Aroclor-1242	78	U
2672-29-6	Aroclor-1248	78	U
1097-69-1	Aroclor-1254	78	U
11096-82-5	Aroclor-1260	400	

FORM I PCB
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TO: *Inn. Services* FROM: *Janice Jagg*
 CO: *Mike Farnsworth* # OF PAGES: *1*
 FAX #: *743-0585* COLLECTING CORP.
 10145

Estimatory ~~Standard~~

Repeating

1D
AROCOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GRID35

Name: General Testing

Contract: ~~Unisys~~ *Unisys* ~~Env. Serv.~~

Lab Code: 10145

Case No.

SAS No.:

SDG No.: GRID31

Matrix: (soil/water) SOIL

Lab Sample ID: R93/4816-4

Sample wt/vol: 30 (g/ml)G

Lab File ID: *SD# 14 (2120,45R) 4D*

Moisture: 40 Decanted (Y/N): N

Date Received: 12/09/93

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 12/09/93

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 12/11/93

Injected Volume: 1.0 (ul)

Dilution Factor: 50

PC Cleanup: (Y/N)N

pH: 8.3

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(UG/L or UG/KG) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	2800	U
11104-28-2	Aroclor-1221	5500	U
11141-16-5	Aroclor-1232	2800	U
53469-21-9	Aroclor-1242	2800	U
12672-29-6	Aroclor-1248	2800	U
11097-69-1	Aroclor-1254	2800	U
11096-82-5	Aroclor-1260	2800	U

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EPA SAMPLE NO.

GRID38

Lab Name: General Testing

Contract: ^{AWM Serv. JN 11/93} ~~Unisys~~

Lab Code: 10145

Case No.

SAS No.:

SDG No.: GRID31

Matrix: (soil/water) SOIL

Lab Sample ID: R93/4816-2

Sample wt/vol: 30 (g/ml)G

Lab File ID: S#: 69(2+80, 220Q) 1D

% Moisture: 24 Decanted (Y/N): N

Date Received: 12/09/93

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 12/09/93

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 12/11/93

Injected Volume: 1.0 (ul)

Dilution Factor: 100

GPC Cleanup: (Y/N)N

pH: 8.6

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:			ppm
		(UG/L or UG/KG)	UG/KG	Q	
12674-11-2	Aroclor-1016		4400	U	4.4u
11104-28-2	Aroclor-1221		8700	U	8.7u
11141-16-5	Aroclor-1232		4400	U	4.4u
53469-21-9	Aroclor-1242		4400	U	4.4u
12672-29-6	Aroclor-1248		2500	J	2.5J
11097-69-1	Aroclor-1254		3400	J	3.4J
11096-82-5	Aroclor-1260		4400	U	4.4u

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1D
 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GRID39

Lab Name: General Testing

Contract: ~~UNISYS~~ Unisys

Lab Code: 10145

Case No.

SAS No.:

SDG No.: GRID31

Matrix: (soil/water) SOIL

Lab Sample ID: R93/4816-3

Sample wt/vol: 30 (g/ml)G

Lab File ID: S# 70.(2+80,160R)ID

% Moisture: 17 Decanted (Y/N): N

Date Received: 12/09/93

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 12/09/93

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 12/11/93

Injected Volume: 1.0 (ul)

Dilution Factor: 50

GPC Cleanup: (Y/N)N

pH: 8.4

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q	ppm
		(UG/L or UG/KG)	UG/KG		
12674-11-2	Aroclor-1016		2000	U	2.0u
11104-28-2	Aroclor-1221		4000	U	4.0u
11141-16-5	Aroclor-1232		2000	U	2.0u
53469-21-9	Aroclor-1242		2000	U	2.0u
12672-29-6	Aroclor-1248		3300		3.3
11097-69-1	Aroclor-1254		4300		4.3
11096-82-5	Aroclor-1260		2000	U	2.0u

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 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GRID31

Lab Name: General Testing

Contract: ^{ENV SW. 5/13} Unisys

Lab Code: 10145

Case No.

SAS No.:

SDG No.: GRID31

Matrix: (soil/water) SOIL

Lab Sample ID: R93/4816-1

Sample wt/vol: 30 (g/ml)G

Lab File ID: S# 73 (2+10, 220R) 10

% Moisture: 23 Decanted (Y/N): N

Date Received: 12/09/93

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 12/09/93

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 12/11/93

Injected Volume: 1.0 (ul)

Dilution Factor: 50

GPC Cleanup: (Y/N)N

pH: 8.4

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:			
		(UG/L or UG/KG)	UG/KG	Q	
12674-11-2	Aroclor-1016		2200	U	<i>ppm</i> 2.2u 4.3u 2.2u 2.2u 2.4 2.4 2.2u
11104-28-2	Aroclor-1221		4300	U	
11141-16-5	Aroclor-1232		2200	U	
53469-21-9	Aroclor-1242		2200	U	
12672-29-6	Aroclor-1248		2400		
11097-69-1	Aroclor-1254		2400		
11096-82-5	Aroclor-1260		2200	U	

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1D
 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GRID39

Lab Name: General Testing

Contract: INN. SERVICES

Lab Code: 10145

Case No.

SAS No.:

SDG No.: COMPA

Matrix: (soil/water) SOIL

Lab Sample ID: R93/4936-5

Sample wt/vol: 30 (g/ml)G

Lab File ID: *S# 94 (273, 1902) 2.5D*

% Moisture: 18 Decanted (Y/N): N

Date Received: 12/21/93

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 12/21/93

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 12/23/93

Injected Volume: 1.0 (ul)

Dilution Factor: 10

GPC Cleanup: (Y/N)N

pH: 8.7

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(UG/L or UG/KG)	UG/KG	Q
12674-11-2	Aroclor-1016		410	U
11104-28-2	Aroclor-1221		810	U
11141-16-5	Aroclor-1232		410	U
53469-21-9	Aroclor-1242		410	U
12672-29-6	Aroclor-1248		780	
11097-69-1	Aroclor-1254		410	U
11096-82-5	Aroclor-1260		410	U

2.5

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1D
AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GRID38

Lab Name: General Testing

Contract: INN. SERVICES

Lab Code: 10145 Case No.

SAS No.:

SDG No.: COMPA

Matrix: (soil/water) SOIL

Lab Sample ID: R93/4936-4

Sample wt/vol: 30 (g/ml)G

Lab File ID: *SH 95(2+63, 210R) 2D*

% Moisture: 16 Decanted (Y/N): N

Date Received: 12/21/93

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 12/21/93

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 12/23/93

Injected Volume: 1.0 (ul)

Dilution Factor: 50

GPC Cleanup: (Y/N)N pH: 7.5

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
 (UG/L or UG/KG) UG/KG Q

CAS NO.	COMPOUND	2'	UG/KG	Q
12674-11-2	Aroclor-1016		2000	U
11104-28-2	Aroclor-1221		4000	U
11141-16-5	Aroclor-1232		2000	U
53469-21-9	Aroclor-1242		2000	U
12672-29-6	Aroclor-1248		13000	U
11097-69-1	Aroclor-1254		2000	U
11096-82-5	Aroclor-1260		2500	

1D
AROCOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GRID31

Lab Name: General Testing

Contract: INN. SERVICES

Lab Code: 10145

Case No.

SAS No.:

SDG No.: COMPA

Matrix: (soil/water) SOIL

Lab Sample ID: R93/4936-1

Sample wt/vol: 30 (g/ml)G

Lab File ID: SA: 96(2+03, 209R) .SD

% Moisture: 22 Decanted (Y/N): N

Date Received: 12/21/93

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 12/21/93

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 12/23/93

Injected Volume: 1.0 (ul)

Dilution Factor: 10

GPC Cleanup: (Y/N)N

pH: 8.1

Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

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

Q

12674-11-2-----	Aroclor-1016	430	U
11104-28-2-----	Aroclor-1221	850	U
11141-16-5-----	Aroclor-1232	430	U
53469-21-9-----	Aroclor-1242	430	U
12672-29-6-----	Aroclor-1248	590	
11097-69-1-----	Aroclor-1254	470	
11096-82-5-----	Aroclor-1260	430	U

1D
AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

GRID23

Lab Name: General Testing

Contract: INN. SERVICES

Lab Code: 10145

Case No.

SAS No.:

SDG No.: COMPA

Matrix: (soil/water) SOIL

Lab Sample ID: R93/4936-2

Sample wt/vol: 30 (g/ml)G

Lab File ID: S#: 101(+75,225R)1D

% Moisture: 23 Decanted (Y/N): N

Date Received: 12/21/93

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 12/21/93

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 12/23/93

Injected Volume: 1.0 (ul)

Dilution Factor: 20

GPC Cleanup: (Y/N)N

pH: 8.4

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(UG/L or UG/KG) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	870	U
11104-28-2	Aroclor-1221	1700	U
11141-16-5	Aroclor-1232	870	U
53469-21-9	Aroclor-1242	870	U
12672-29-6	Aroclor-1248	870	U
11097-69-1	Aroclor-1254	770	J
11096-82-5	Aroclor-1260	1900	

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1D
AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

N19
Grid 19

Lab Name: General Testing

Contract: INN. SERVICES

Lab Code: 10145

Case No.

SAS No.:

SDG No.: COMPA

Matrix: (soil/water) SOIL

Lab Sample ID: R93/4936-6

Sample wt/vol: 30 (g/ml)G

Lab File ID: S# 109(1140, 85R)3D

% Moisture: 26 Decanted (Y/N): N

Date Received: 12/21/93

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 12/21/93

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 12/23/93

Injected Volume: 1.0 (ul)

Dilution Factor: 10

GPC Cleanup: (Y/N)N

pH: 8.5

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:
(UG/L or UG/KG) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2	Aroclor-1016	450	U
11104-28-2	Aroclor-1221	900	U
11141-16-5	Aroclor-1232	450	U
53469-21-9	Aroclor-1242	450	U
12672-29-6	Aroclor-1248	450	U
11097-69-1	Aroclor-1254	1000	U
11096-82-5	Aroclor-1260	450	U

FORM I PCB
NYSDEC B-76

1D
AROCOR ORGANICS DATA SHEET

Uncon *James*
EPA SAMPLE NO.

EUG

Name: General Testing Contract: INN. SERVICES
 Code: 10145 Case No. SAS No.: SDG No.: EUG
 Matrix: (soil/water) SOIL Lab Sample ID: R93/4974-1
 Sample wt/vol: 30 (g/ml)G Lab File ID: *#125(0465,175R),1D*
 Moisture: 30 Decanted (Y/N): N Date Received: 12/23/93
 Extraction: (Sepf/Cont/Sonc) SONC Date Extracted: 12/23/93
 Concentrated Extract Volume: 10000 (ul) Date Analyzed: 12/28/93
 Injected Volume: 1.0 (ul) Dilution Factor: 1
 PCB Cleanup: (Y/N)N pH: 8.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(UG/L or UG/KG)	UG/KG
12674-11-2	Aroclor-1016		47 U
11104-28-2	Aroclor-1221		94 U
11141-16-5	Aroclor-1232		47 U
53469-21-9	Aroclor-1242		47 U
12672-29-6	Aroclor-1248		77 U
11097-69-1	Aroclor-1254		47 U
11096-62-3	Aroclor-1260		

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1D
 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

CAR3
 Grid 33

Lab Name: General Testing Contract: INNOVATIVE

Lab Code: 10145 Case No. SAS No.: SDG No.: CAR3

Matrix: (soil/water) SOIL Lab Sample ID: R94/0215-001

Sample wt/vol: 30 (g/ml)g Lab File ID: S# 151(2+30, 140R), SF

Moisture: 36 Decanted (Y/N): N Date Received: 01/27/94

Extraction: (Sepf/Cont/Sonc) SONC Date Extracted: 01/28/94

Concentrated Extract Volume: 10000 (ul) Date Analyzed: 02/01/94

Injected Volume: 1.0 (ul) Dilution Factor: 1

PC Cleanup: (Y/N)N pH: 8.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L or ug/KG)	UG/KG	Q
12674-11-2-----	Aroclor-1016		52	U
11104-28-2-----	Aroclor-1221		100	U
11141-16-5-----	Aroclor-1232		52	U
53469-21-9-----	Aroclor-1242		52	U
12672-29-6-----	Aroclor-1248		52	U
11097-69-1-----	Aroclor-1254		52	U
11096-82-5-----	Aroclor-1260		52	U

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1D
AROCOR ORGANICS DATA SHEET

EPA SAMPLE NO

CAR3

Lab Name: General Testing

Contract: INN. SERV.

Lab Code: 10145

Case No.

SAS No.:

SDG No.: DS1

Matrix: (soil/water) SOIL

Lab Sample ID: R94/0395-001

Sample wt/vol: 30 (g/ml)g

Lab File ID: *157(2+30, 140R) SF*

% Moisture: 20 Decanted (Y/N): N

Date Received: 02/08/94

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 02/08/94

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 02/09/94

Injected Volume: 1.0 (ul)

Dilution Factor: 1

GPC Cleanup: (Y/N)N pH: 8.4

Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (UG/L or ug/KG) UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	63	
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	37	J

FORM I PCB
NYSDEC B-76

Decon Sump

1D
AROCOR ORGANICS DATA SHEET

EPA SAMPLE NO.

DS1

Lab Name: General Testing

Contract: INN. SERV.

Lab Code: 10145

Case No.

SAS No.:

SDG No.: DS1

Matrix: (soil/water) SOIL

Lab Sample ID: R94/0395-002

Sample wt/vol: 30 (g/ml)g

Lab File ID: SA: 160(0475,105R)2.5D

Moisture: 19 Decanted (Y/N): N

Date Received: 02/08/94

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 02/08/94

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 02/09/94

Injected Volume: 1.0 (ul)

Dilution Factor: 2

GPC Cleanup: (Y/N)N pH: 8.6

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(UG/L or ug/KG)	UG/KG
12674-11-2	Aroclor-1016		82
11104-28-2	Aroclor-1221		160
11141-16-5	Aroclor-1232		82
53469-21-9	Aroclor-1242		82
12672-29-6	Aroclor-1248		82
11097-69-1	Aroclor-1254		82
11096-82-5	Aroclor-1260		110

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1D
 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

CAR1

Lab Name: General Testing Contract: Inn. Services

Lab Code: 10145 Case No. SAS No.: SDG No.: CAR1

Matrix: (soil/water) SOIL Lab Sample ID: R94/0420-1

Sample wt/vol: 30 (g/ml)g Lab File ID: S# 161(1+40,1102), SF

% Moisture: 35 Decanted (Y/N): N Date Received: 02/10/94

Extraction: (Sepf/Cont/Sonc) SONC Date Extracted: 02/11/94

Concentrated Extract Volume: 10000 (ul) Date Analyzed: 02/14/94

Injected Volume: 1.0 (ul) Dilution Factor: 5

GPC Cleanup: (Y/N)N pH: 8.7 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(UG/L or ug/KG)	UG/KG
12674-11-2-----	Aroclor-1016	250	U
11104-28-2-----	Aroclor-1221	510	U
11141-16-5-----	Aroclor-1232	250	U
53469-21-9-----	Aroclor-1242	250	U
12672-29-6-----	Aroclor-1248	250	U
11097-69-1-----	Aroclor-1254	250	U
11096-82-5-----	Aroclor-1260	910	U

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1D
 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

DP1

Lab Name: General Testing

Contract: Inn. Services

Lab Code: 10145

Case No.

SAS No.:

SDG No.: CAR1

Matrix: (soil/water) SOIL

Lab Sample ID: R94/0420-002

Sample wt/vol: 30 (g/ml)g

Lab File ID: *S# 162(H00,100R), SF*

% Moisture: 26 Decanted (Y/N): N

Date Received: 02/10/94

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 02/11/94

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 02/14/94

Injected Volume: 1.0 (ul)

Dilution Factor: 20

GPC Cleanup: (Y/N)N

pH: 7.7

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(UG/L or ug/KG)	UG/KG	
12674-11-2	Aroclor-1016		900	U
11104-28-2	Aroclor-1221		1800	U
11141-16-5	Aroclor-1232		900	U
53469-21-9	Aroclor-1242		900	U
12672-29-6	Aroclor-1248		900	U
11097-69-1	Aroclor-1254		900	U
11096-82-5	Aroclor-1260		3600	U

FORM I PCB
 NYSDEC B-76

1D
 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

DP2

Lab Name: General Testing Contract: Inn. Services

Lab Code: 10145 Case No. SAS No.: SDG No.: CAR1

Matrix: (soil/water) SOIL Lab Sample ID: R94/0420-003

Sample wt/vol: 30 (g/ml)g Lab File ID: *#163(D+70,90R) SF*

% Moisture: 28 Decanted (Y/N): N Date Received: 02/10/94

Extraction: (Sepf/Cont/Sonc) SONC Date Extracted: 02/11/94

Concentrated Extract Volume: 10000 (ul) Date Analyzed: 02/14/94

Injected Volume: 1.0 (ul) Dilution Factor: 100

GPC Cleanup: (Y/N)N pH: 10.5 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(UG/L or ug/KG)	UG/KG
12674-11-2-----	Aroclor-1016	4600	U
11104-28-2-----	Aroclor-1221	9200	U
11141-16-5-----	Aroclor-1232	4600	U
53469-21-9-----	Aroclor-1242	4600	U
12672-29-6-----	Aroclor-1248	4600	U
11097-69-1-----	Aroclor-1254	4600	U
11096-82-5-----	Aroclor-1260	6100	

FORM I PCB
 NYSDEC B-76

G-5
UST - Excavation Sampling Results

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: 1-716-554-5347

Tel: 1-800-THE LABS

Tel: 1-800-843-5227 FAX 1-716-554-4114


WORKORDER NUMBER:

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
 NY STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8021

CUSTOMER NAME: ISI
 ADDRESS: 5033 Transit Rd
 Depew NY 14043

Attn: Mike Farnsworth

PO NUMBER:
 PROJECT NO: 930006
 PROJECT CUST: NYSDEC
 PROJECT SITE: Schrecks Scrap yard
 RESULTS SENT: FAX DATE: 11/12/93
 LAB DIRECTOR: 

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results shown in bold type:
 Detection Limits shown in ()
 Results expressed in ug/kg = ppb

Results Shown are: **BTEX and Hydrocarbons**
 Extraction Method: **EPA 5030 Purge & Trap**
 Analysis Method: **EPA 8021 GC PID/FID**

SAMPLE ID (LAB) D1805
SAMPLE ID (CUST) UST Excavation #1
MATRIX SOIL
DATE SAMPLED 11/9/93
DATE RECEIVED 11/10/93
DATE ANALYZED 11/11/93
DATE REPORTED 11/12/93

Benzene	<1	(1.0)
Ethylbenzene	<1	(1.0)
Toluene	3500	(1.0)
o-Xylene	<1	(1.0)
m-Xylene	<1	(1.0)
p-Xylene	<1	(1.0)
Mixed Xylenes	<1	(1.0)
Isopropylbenzene	3700	(1.0)
n-Propylbenzene	1200	(1.0)
p-Isopropyl Toluene	<1	(1.0)
1,2,4-Trimethylbenzene	3.1	(1.0)
1,3,5-Trimethylbenzene	1700	(1.0)
n-Butylbenzene	2700	(1.0)
sec-Butylbenzene	<1	(1.0)
t-Butylbenzene	3.1	(1.0)
Napthalene	6000	(1.0)
Methyl t-Butyl Ether MTBE	<1	(1.0)

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: 1-716-554-5347

Tel: 1-800-THE LABS

Tel: 1-800-843-5227 FAX 1-716-554-4114

WORKORDER NUMBER:

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY STATE LABORATORY #11369**LABORATORY REPORT - METHOD 8270**

CUSTOMER NAME: ISI

ADDRESS: 5033 Transit Rd
Depew NY 14043

Attn: Mike Farnsworth

PO NUMBER:

PROJECT NO: 930006

PROJECT CUST: NYSDEC

PROJECT SITE: Schrecks Scrap yard

RESULTS SENT: FAX

DATE: 11/12/93

LAB DIRECTOR:

*Sal Masone***SAMPLE DEMOGRAPHICS AND TEST RESULTS**

Results shown in bold type:

Detection Limits shown in (mg/kg)

Results expressed in mg/kg = ppm

Extraction Method: EPA 3550 Sonication

Analysis Method: EPA 8270 GC MS

SAMPLE ID (LAB)	D1805
SAMPLE ID (CUST)	UST Excavation #1
MATRIX	SOIL
DATE SAMPLED	11/9/93
DATE RECEIVED	11/10/93
DATE ANALYZED	11/11/93
DATE REPORTED	11/12/93
Naphthalene	2.08 (0.3)
Acenaphthylene	< 0.3 (0.3)
Acenaphthene	< 0.3 (0.3)
Flourene	< 0.3 (0.3)
Phenanthrene	0.77 (0.3)
Anthracene	0.81 (0.3)
Pyrene	< 0.3 (0.3)
Flouranthene	< 0.3 (0.3)
Benzo(a)anthracene	< 0.3 (0.3)
Chrysene	< 0.3 (0.3)
Benzo(b)fluorathene	< 0.3 (0.3)
Benzo(k)fluoranthene	< 0.3 (0.3)
Benzo(a)pyrene	< 0.3 (0.3)
Indeno(1,2,3-cd)pyrene	< 0.3 (0.3)
Dibenz(a,h)anthracene	< 0.3 (0.3)
Benzo(g,h,i)perylene	< 0.3 (0.3)

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: 1-716-554-5347

Tel: 1-800-THE LABS

Tel: 1-800-843-5227 FAX 1-716-554-4114

WORKORDER NUMBER:

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY STATE LABORATORY #11369**LABORATORY REPORT - METHOD 8021**

CUSTOMER NAME: ISI

ADDRESS: 5033 Transit Rd
Depew NY 14043

Attn: Mike Farnsworth

PO NUMBER:

PROJECT NO: 930006

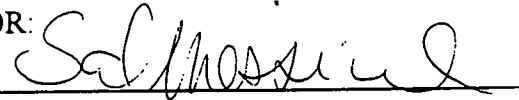
PROJECT CUST: NYSDEC

PROJECT SITE: Schrecks Scrap yard

RESULTS SENT: FAX

DATE: 12/20/93

LAB DIRECTOR:

**SAMPLE DEMOGRAPHICS AND TEST RESULTS**

Results shown in bold type:

Results Shown are: BTEX and Hydrocarbons

Detection Limits shown in ()

Extraction Method: EPA 5030 Purge & Trap

Results expressed in ug/kg = ppb

Analysis Method: EPA 8021 GC PID/FID

SAMPLE ID (LAB)	D2063
SAMPLE ID (CUST)	9-G6 - UST#2
MATRIX	SOIL
DATE SAMPLED	12/14/93
DATE RECEIVED	12/15/93
DATE ANALYZED	12/16/93
DATE REPORTED	12/20/93
Benzene	900 (1.0)
Ethylbenzene	1300 (1.0)
Toluene	<1 (1.0)
o-Xylene	460 (1.0)
m-Xylene	500 (1.0)
p-Xylene	500 (1.0)
Mixed Xylenes	<1 (1.0)
Isopropylbenzene	1360 (1.0)
n-Propylbenzene	<1 (1.0)
p-Isopropyl Toluene	<1 (1.0)
1,2,4-Trimethylbenzene	920 (1.0)
1,3,5-Trimethylbenzene	<1 (1.0)
n-Butylbenzene	2500 (1.0)
sec-Butylbenzene	<1 (1.0)
t-Butylbenzene	920 (1.0)
Napthalene	<1 (1.0)
Methyl t-Butyl Ether MTBE	<1 (1.0)

RESULTS WHEN YOU WANT THEM

8021form.doc

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: 1-716-554-5347

Tel: 1-800-THE LABS

Tel: 1-800-843-5227

FAX 1-716-554-4114

WORKORDER NUMBER:

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8270

CUSTOMER NAME: ISI

ADDRESS: 5033 Transit Rd
Depew NY 14043

Attn: Mike Farnsworth

PO NUMBER:

PROJECT NO: 930006

PROJECT CUST: NYSDEC

PROJECT SITE: Schrecks Scrap yard

RESULTS SENT: FAX

DATE: 12/20/93

LAB DIRECTOR:



SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results shown in bold type:

Detection Limits shown in (mg/kg)

Results expressed in mg/kg = ppm

Extraction Method: EPA 3550 Sonication

Analysis Method: EPA 8270 GC MS

SAMPLE ID (LAB)	D2063
SAMPLE ID (CUST)	9-G6 - 45T#2
MATRIX	SOIL
DATE SAMPLED	12/14/93
DATE RECEIVED	12/15/93
DATE ANALYZED	12/16/93
DATE REPORTED	12/20/93
Naphthalene	0.322 (0.3)
Acenaphthylene	<0.3 (0.3)
Acenaphthene	<0.3 (0.3)
Flourene	<0.3 (0.3)
Phenanthrene	<0.3 (0.3)
Anthracene	<0.3 (0.3)
Pyrene	<0.3 (0.3)
Flouranthene	<0.3 (0.3)
Benzo(a)anthracene	<0.3 (0.3)
Chrysene	<0.3 (0.3)
Benzo(b)fluorathene	<0.3 (0.3)
Benzo(k)fluoranthene	<0.3 (0.3)
Benzo(a)pyrene	<0.3 (0.3)
Indeno(1,2,3-cd)pyrene	<0.3 (0.3)
Dibenz(a,h)anthracene	<0.3 (0.3)
Benzo(g,h,i)perylene	<0.3 (0.3)

RESULTS WHEN YOU WANT THEM

Tank #3

General Testing Corporation
 710 Exchange St., Rochester, N.Y.
 (716)454-3760

Analyst: DAVE LIPANI
 Date: 01/11/94
 Time: 12:15
 Client: INNOVATIVE
 Job #: R94/00040
 Sample#: -001

LABORATORY REPORT-T1

Analysis: Priority Pollutants
 B021-TANK LIST

% SOLID 79.5%

Compound	Reten. Time	Area Units	Conc.	Dil.	Final Conc. (ug/KG)
Methyl t-butyl ether			0.0	625	790 U
Benzene			0.0	625	790 U
Toluene			0.0	625	790 U
Ethylbenzene	18.11	9.2	3.4	625	2700
p-Xylene	18.38	29.1	7.8	625	6200
m-Xylene			0.0	625	1600 U
o-Xylene			0.0	625	1600 U
Isopropylbenzene	21.67	26.8	9.7	625	7600
n-Propylbenzene	23.29	15.6	5.7	625	4500
1,3,5-Trimethylbenzene	24.00	116	29.4	625	23000
tert-Butylbenzene			0.0	625	790 U
1,2,4-Trimethylbenzene	25.63	135	38.5	625	30000
sec-Butylbenzene	26.41	4.9	1.4	625	1100
p-Isopropyltoluene			0.0	625	790 U
n-Butylbenzene	29.01	103	39.5	625	31000
Naphthalene	37.39	40.3	18.6	625	15000

TO: Mike Farnsworth	FROM: Janice Jaeger
CO: Inn. Services	3
DATE: 1/11/94	GENERAL TESTING CORP.

Total Volatiles 121100.0

Surrogate Standards	Reten. Time	Area Units	Total Rec'vry	Amt. Add.	Percent Recovery	Accep. Limits
1,1,1-Trifluorotoluene	9.41	98.6	34.8	30	116	55-131

David Lipani
 1/14/94

GC/MS DATA SHEET

FILE XDC817

Tank # 3

SAMPLE R94/00040-001
 DATE ANALY 1/12/94
 DILUTION 5
 DATA FILE >DC817
 MS NO. MS#4

OPERATOR LARRYN
 DATE EXT 1/12/94
 .80

COMPOUND NAME		DRY WEIGHT ug/Kg
Pyridine	625Z2L	4200 U
N-Nitrosodimethylamine	625A	2100 U
Aniline	HSL50	2100 U
Phenol	625ZU	4200 U
bis(-2-Chloroethyl)Ether	625B	2100 U
2-Chlorophenol	625ZV	4200 U
1,3-Dichlorobenzene	625C	2100 U
1,4-Dichlorobenzene	625D	2100 U
1,2-Dichlorobenzene	625E	2100 U
Benzyl Alcohol	HSL51	2100 U
2,2'-oxybis(1-Chloropropane)	625F	2100 U
2-Methylphenol	HSL46	4200 U
N-Nitroso-Di-n-propylamine	625G	2100 U
Hexachloroethane	625H	2100 U
4-Methylphenol	HSL47	4200 U
Nitrobenzene	625I	2100 U
Isophorone	625J	2100 U
2-Nitrophenol	625ZW	4200 U
Benzoic acid	HSL48	21000 U
2,4-Dimethylphenol	625ZX	4200 U
bis(-2-Chloroethoxy)Methane	625K	2100 U
2,4-Dichlorophenol	625ZY	4200 U
1,2,4-Trichlorobenzene	625L	2100 U
Naphthalene	625M	4100
1-Chloroaniline	HSL52	2100 U
Hexachlorobutadiene	625N	2100 U
2-Methylnaphthalene	HSL53	19000
2-Chloro-3-methylphenol	625Z2	4200 U
Hexachlorocyclopentadiene	625O	2100 U
2,4,5-Trichlorophenol	HSL49	4200 U
2,4,6-Trichlorophenol	625ZZA	4200 U
1-Chloronaphthalene	625P	2100 U
1-Nitroaniline	HSL54	2100 U
Dimethyl Phthalate	625Q	2100 U
1,2,3-Trichlorobenzene	625R	2100 U
1-Nitroaniline	HSL55	2100 U
1,2,3-Trichlorobenzene	625S	2100 U
1,4-Dinitrophenol	625Z2B	8300 U
1-Benzofuran	HSL56	2100 U
1-Nitrophenol	625Z2C	8300 U
1,4-Dinitrotoluene	625T	2100 U
1,6-Dinitrotoluene	625U	2100 U
1-Methylphthalate	625V	2100 U
1-Chlorophenyl-phenylether	625W	2100 U
1,2,3-Trichlorobenzene	625X	2100 U
1-Nitroaniline	HSL57	2100 U

SAMPLE R94/00040-001
 DATE 1/12/94
 DILUTION S
 DATA FILE >DC817
 MS#NO. MS#4

FILE XDC817

TANK#3

COMPOUND NAME		DRY WEIGHT ug/Kg
2,4-Dinitro-2-methylphenol	625ZZD	8300 U
1,2-Diphenylhydrazine	625Y	2100 U
N-Nitrosodiphenylamine	625Z	2100 U
4-Bromophenyl-phenylether	625ZA	2100 U
Hexachlorobenzene	625ZB	2100 U
Pentachlorophenol	625ZC	8300 U
Phenanthrene	625ZD	2100 U
Carbazole	HSL70	2100 U
Di-n-Butylphthalate	625ZE	2100 U
Fluoranthene	625ZF	2100 U
Benzenzidine	625ZG	2100 U
Pyrene	625ZH	21000 U
Butyl benzyl phthalate	625ZI	2100 U
1,3-Dichlorobenzidine	625ZJ	2100 U
Benzo(a)Anthracene	625ZK	2100 U
Bis(2-Ethylhexyl)Phthalate	625ZL	2100 U
Chrysene	625ZM	2100 U
Di-n-octyl phthalate	625ZN	2100 U
Benzo(b)fluoranthene	625ZO	2100 U
Benzo(k)Fluoranthene	625ZP	2100 U
Benzo(a)Pyrene	625ZQ	2100 U
Indeno(1,2,3-cd)Pyrene	625ZR	2100 U
Benzo(a,h)anthracene	625ZS	2100 U
Benzo(g,h,i)Perylene	625ZT	2100 U

SURROGATE REC		% REC
2-Fluorophenol	625ZZF	90
Phenol-d6	625ZZG	90
Nitrobenzene-d5	625ZZI	111
2-Fluorobiphenyl	625ZZJ	86
2,4,6-Tribromophenol	625ZZH	90
Terphenyl-d14	625ZZK	102

SURROGATE RECOVERY LIMITS

SURROGATE	SOIL
2-Fluorophenol	25-121
Phenol-d6	24-113
Nitrobenzene-d5	23-120
2-Fluorobiphenyl	30-115
2,4,6-Tribromophenol	19-122
Terphenyl-d14	18-137

Appendix H Data Validation Reports

- H-1 Report No. 1
- H-2 Report No. 2
- H-3 Report No. 3
- H-4 Report No. 4

H-1
Data Validation Report No. 1
(dated 11/26/93)

File 7B

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

RECEIVED
NOV 28 1993
CONSTRUCTION SERVICES
1101
NEW YORK STATE

TO: Camp, Dresser & McKee

FROM: Judy Harry, Data Validation Services *J. Harry*

DATE: 11-26-93

RE: Validation of Schreck's Scrapyard Site No. 9-32-099 data packages
GTC Job Nos. R3339 and R3481; GTC SDG Nos. SG1 and TT3

Review is complete for the two data packages generated by General Testing Corporation pertaining to samples collected at the Schreck's Scrapyard Site. Two soil samples, received on 8-30-93 and 9-7-93, were analysed for PCBs according to the NYSDEC ASP 91-3 method, modified for Aroclor-only analyses. Matrix spikes were performed on each sample.

In summary, the analyses were conducted in compliance with the modified protocol, with any exceptions noted in the text below and on the attached compliancy chart. Copies of the laboratory case narratives and sample preparation/analysis summary forms are also attached to this narrative. Resubmission requests were made for raw data supporting reported percent moisture values, and for clarification of cooler storage of SDG TT3 (see attached). An explanation for resolution of calculation discrepancies was also made, and a verbal response provided regarding numerical roundoff. This is discussed below.

Edits and recommended qualifications to sample reported results are as follows:

Sample TT-3 and its matrix spikes had errors in the isomer quantities and mean reported values on the Forms 10B and Forms 1, primarily for analysis column DB-17. These errors occurred in part due to calculation roundoff procedures during start-up of this modified protocol (as discussed in a conversation with GTC). Other errors present on the Form 10Bs were non-roundoff related calculation of the mean values from the individual isomer values.

The slight variances in the matrix spikes' isomer/mean values will not be elaborated here, as they do not impact significantly on the spike recoveries.

For the sample TT-3, the Aroclor 1254 results are as originally reported. The Aroclor 1242 results on the Form 10B for the dual column analyses should be corrected to be 810 ug/kg on DB-1701 and 910 ug/kg on DB-17, with a percent difference of 12%D.

The Aroclor 1260 results on the Form 10B for the dual column analyses should be corrected to be 580 ug/kg on DB-1701 and 690 ug/kg on DB-17, with a percent difference of 19%D.

In summary, the reported values for TT-3 should be:

- Aroclor 1254 is 1500 ug/kg
- Aroclor 1242 is 810 ug/kg
- Aroclor 1260 is 580 ug/kg.

Other quality concerns not requiring edits to sample reported results are discussed below:

Holding times and method blank requirements were met for sample processing. Due to elevated levels of Aroclor mixtures, the samples and their matrix spikes were run at dilutions of 1:20 (TT-3) and 1:500 (SG1), thus prohibiting evaluation of the surrogate recoveries. Surrogate recoveries of the method blanks and matrix spike blanks were very good, with values of 95 to 112%.

Matrix spike blank (MSB) associated with SG-1 was spiked with Aroclor 1260, and produced a recovery of 100%. The MSB associated with TT-3 produced a 94% recovery of Aroclor 1254. The sample matrix spike recoveries of the samples were not able to be evaluated, as the required spiking level was significantly below the sample levels (spiked at approximately at 3% and 10% of the sample values). Inspection of the internal chain-of-custodies shows that the extract of the matrix spike of SG-1 was lost, and that a portion of the dried (for solids determination) was used for reextraction. This was not indicated in the data package or accounted for in the final reported results (both spikes incorporated the sample moisture content). Due to the fact that one of the matrix spikes went through a heated drying invalidates the duplicate correlation (%RPD) comparison. The %RPD for the matrix spike duplicates (Aroclor 1254) of TT-3 was slightly elevated, at 33%, above the recommended limit of 30%RPD.

Protocol criteria relating to system linearity, continuing calibration correlation, resolution, breakdown, sequence patterns, integration and calculation algorithms, etc. All were found to be acceptable and compliant. Sample solids determinations were reviewed for calculation and transcription.

Certain errors on summary forms were observed, which do not directly affect sample reported results, but which should be corrected:

1. The Form 1 for sample SG-1 provided in the sample data summary package does not show the correct dilution factor, sample weight units, or concentration units. The Form 1 in the sample data package is correct, and the reported values are correct on both forms.
2. Please see the above discussion regarding the true value for Aroclor 1254 in the matrix spike of SG-1. In addition to incorrectly incorporating a moisture content into the final result, the Form 10B reports the wrong individual concentrations for the DB-17 analysis of the matrix spike of SG-1. The correct concentrations are 47,000 ug/kg for 14.98', 27,000 ug/kg for 15.83', and 32,000 ug/kg for 18.31'. The mean of the individual isomers is correct, and the reported result on Form 1 is correct (except that it incorporates the moisture content).
3. The Form 6E for DB-1701 in SDG SG1 shows incorrect calibration factors for Aroclor 1248 at 13.32' and 13.70'. The Form 6E for DB-17 in SDG SG1 shows an incorrect calibration factor at 13.10'. These factors were not used in the sample reported results for this SDG.
4. The Form 10Bs for SDG SG-1 (sample and spike) indicate retention times for certain of the isomers that do not exactly match those in the raw data for the sample and spikes.
5. The reported values on the Form 10Bs for the matrix spikes of TT-3, for the isomer at 18.31' on DB-17, differ about twofold from the correct values. This does not affect reported results, as the DB-1701 values were utilized for recovery data.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE IDENTIFICATION AND
 ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
GRID54	R93/04326-1				X		

*Check Appropriate Boxes

000007

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
PCB
ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
R93/4326-1	SOIL	10/27/93	10/28/93	10/28/93	11/01/93

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R93/4326-1	SOIL	MODIFIED 91-3			10

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE IDENTIFICATION AND
 ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
GRID40	R93/04410-1				X		

Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE PREPARATION AND ANALYSIS SUMMARY
 PCB
 ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
R93/4410-1	SOIL	11/05/93	11/08/93	11/08/93	11/09/93

6. The extraction date noted on the Form 4C for PBLK01 in SDG TT3 is incorrect. The correct date is 9/7/93, and it is denoted correctly on the other forms of the data package.

COMPLIANCY CHART

Project: Schreck's Scrapyard Site
SDG Nos: GTC SDG Nos. SG1 and TT3
Protocol: 1991 NYSDEC ASP, modified for PCB-only analyses

<u>RecDate</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>PCB Only</u>	<u>Other</u>	<u>Noncompl</u>
08-30-93	SG-1	Soil	OK	OK	
09-07-93	TT-3	Soil	OK	OK	

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

FACSIMILE TRANSMISSION

Date: 10-18-93

To: Karla Alvarez

Company: CDM

From: Judy Harry

Number of pages including cover: 1

Comments: RE: Schreck's Site Data Packages
GTE SDG's R 3339 + 3481

The following information is necessary to complete review

1) Raw data for support of the reported % Moisture/% Solids.

This includes raw weights before and after drying, to
verify calculations and transcriptions. Reported results
are directly proportional to % Solids, and it is important
to verify the numbers used. The summary faxed
earlier in response to the question is not sufficient.

2) R93-03481 ~~was~~ (sample TT-3) was collected on
Sept. 3, and received Sept. 7, 1993. Does the
laboratory have documentation to show that the
sample/cooler was placed in cold storage during
the extended time prior to receipt?... Or perhaps
a log-in sheet showing cooler temperature
when opened?

Thank you for communicating the requests to the
lab. I will be happy to provide additional
clarification of the requests, if necessary.
Judy

General Testing Corporation



A Full Service Environmental Laboratory

November 11, 1993

Mr. Michael Farnsworth
Innovative Services International Inc.
5033 Transit Road
Depew, NY 14043

NOV 16 1993
DEC - 1000

RECEIVED

NOV 16 1993

CONSTRUCTION SERVICES
SDM
NEW YORK CITY

Re: Schreck Scrapyard
R93/3339, R93/3481
R93/3622, R93/3666

Dear Mr. Farnsworth:

Enclosed is the percent solids raw data for the above referenced site. These pages have been numbered and may be inserted into the original packages. All remaining packages will include the percent solids raw data. Also, as requested by Judy Harry, a memorandum has been included discussing the sample custody of R93/3481. I regret any inconvenience this may have caused you. Should you have any further questions, please contact me at (716) 454-3760.

Thank you for letting us provide this service.

Sincerely,

GENERAL TESTING CORPORATION

Janice M. Jaeger
Customer Service Representative

GENERAL TESTING CORPORATION

Memo

**To: Janice Jaeger
From: Mark Monachino
Re: Schreck Scrapyard sample R93/3481-1 (TT-3)
Date: 11/9/93**

This memo addresses the storage of sample R93/3481-1 (TT-3) between the date of sampling on 9/3/93 and the date of lab receipt on 9/7/93. The sample was stored in General Testing's Amherst Office walk-in cooler. This cooler is kept secure (locked) and the temperature is monitored as per NYSDOH requirements. The samples were therefore kept at approximately 4 C during this time.

ANALYST: B. Bone

DATE: 8/31/93

S = 10.00027
(10.0000%)

DISSE SUSPENDED 103°C _____ P SOLIDS DISSOLVED 130°C _____ TOTAL 103°C _____
 160.1 2095 150.2 160.3

DISSE	CUSTOMER	DISH #	SAMPLE VOL.	Gross	Tare	DISSE	TOTAL
	ICB	1		1.6080	1.6084	-0.0004	
R-3339-1	INN	2		11.9113	1.6040	10.3073	83.4
-1 dup	↓	3		11.7501	1.6031	10.1477	84.0
R-3308-1	[REDACTED]	4		11.7348	1.5904	10.1444	92.3
R-3337-1	[REDACTED]	5		11.6438	1.5875	10.0563	90.9
-2		6		11.6074	1.5792	10.0282	92.0
-3		7		11.6827	1.5881	10.0946	92.3
-4		8		11.6547	1.5796	10.0751	89.7

~~Noticed~~
Date: 9/7/93

WTS SUSPENDED 103°C _____ % SOLIDS DISSOLVED 130°C _____ TOTAL 103°C _____
 160.1 2097 160.2 160.3

DIS #	CUSTOMER	DISE #	SAMPLE VOL.			
R 3477-9	[REDACTED]	Q	11.6945	Gross	10.5624	
			1.5735	Tare	1.5735	
			10.1210	WTS	8.9939	88.0
R 3460-1	[REDACTED]	R	11.5843	Gross	11.0706	
			1.5752	Tare	1.5752	
			10.0091	WTS	9.4954	94.0
- 2	↓	S	11.8350	Gross	11.0757	
			1.5791	Tare	1.5791	
			10.2559	WTS	9.4966	92.0
R 3481-1	Innov. serv.	T	11.6812	Gross	10.5887	
			1.5828	Tare	1.5828	
			10.0984	WTS	9.0059	89.2
- 1 dup	↓	U	11.6998	Gross	10.7213	
			1.5772	Tare	1.5772	
			10.1226	WTS	9.1441	90.3
	CCB	V		Gross	1.5794	
			1.5797	Tare	1.5797	
				WTS	-0.0003	
				Gross		
				Tare		
				WTS		
				Gross		
				Tare		
				WTS		

Case Narrative

INNOVATIVE SERVICES

R93/3339

One(1) soil sample was analyzed for Aroclors using NYSDEC ASP 91-3 which was modified to accommodate an Aroclor only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 medium bore (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 medium bore (0.32 mm ID.) capillary column.

The following samples are associated with SDG#: SG1

EPA Sample ID	Laboratory ID Number
PBLK01	R93/3339-BLK01
PBLK01MS	-REF SPK
SG1	-1 1/500
SG1MS	-1MS 1/500
SG1MSD	-1MSD 1/500

Due to high levels of Aroclor 1260 in the sample SG1 the sample was quantitated at a high dilution which caused the surrogates and or matrix spikes to be diluted out for samples SG1 (R93/3339-1), SG1MS, and SG1MSD.

The recovery of the blk spike for this SDG was within recommended Q.C. limits.

The relative percent difference for Aroclor 1260 in the samples SG1MS, and SG1MSD was outside of Q.C. limits.

No further problems were incurred during this sequence.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

9/20/93

Date

000037

Case Narrative

INNOVATIVE SERVICES

R93/3481

One(1) soil sample was analyzed for Aroclors using NYSDEC 91-3 ASP protocol which was modified to accommodate an Aroclor only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 medium bore (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 medium bore (0.32 mm ID.) capillary column.

The following samples are associated with SDG#: TT3

EPA Sample ID	Laboratory ID Number
PBLK01	R93/3481-BLK01
PBLK01MS	-REF SPK
TT3	-1 1/20
TT3MS	-1MS 1/20
TT3MSD	-1MSD 1/20

Due to high levels of Aroclors 1260, 1254, and 1242 in the sample TT3, the sample was quantitated at a high dilution which caused the surrogates and or matrix spikes to be diluted out for samples TT3 TT3MS, and TT3MSD.

The recovery of the blk spike for this SDG was within recommended Q.C. limits.

The relative percent difference for AR1254 in the samples TT3MS, and TT3MSD was outside of Q.C. limits.

Due to a mixture of three Aroclors in sample TT3, and a co-elution of peaks between AR1254 and AR1260 the peaks that could be used for the quantitation of AR1260 and AR1254 were limited. In addition, there was high levels of matrix interference in the sample TT3. Due to these factors, only two peaks could be used to quantitate AR1260 in the samples TT3, TT3MS, and TT3MSD for the column DB-17.

Due to apparent extraneous peaks in sample PBLK01MS for the column DB-1701, only two peaks were used to quantitate AR1254 in this sample.

No further problems were incurred during this sequence.

000007.

Page 2
Innovative Services

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

9/28/93

Date

000008

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY**

Customer Sample Code	Laboratory Sample Code	Analytical Requirements*					
		NYSDEC 1991 ASP:					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
SG1	R93/03339-1				X		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
PCB
ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
R93/03339-1	SOIL	08/30/93	08/30/93	08/31/93	09/01/93

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
TT3	R93/03481-1				X		

*Check Appropriate Boxes
*CLP, Non-CLP
*ESL, Priority Pollutant
NCF1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R93/03481-1	SOIL	91-3			20

NCF2

9/89

000005

H-2
Data Validation Report No. 2
(Dated 4/30/94)

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

TO: Camp, Dresser & McKee

FROM: Judy Harry, Data Validation Services *J Harry*

DATE: 04-30-94

RE: Validation of Schreck's Scrapyard Site No. 9-32-099 data packages
GTC Job Nos. R4326, R4410, R4816, R4936, and R4456
GTC SDG Nos. GRID54, GRID40, GRID31, COMPA, and GRID2

Review is complete for five data packages generated by General Testing Corporation pertaining to samples collected at the Schreck's Scrapyard Site. Soil samples, received from October through December 1993, were analysed for PCBs according to the NYSDEC ASP 91-3 method, modified for Aroclor-only analyses. Those samples validated from these delivery groups are GRID-54 (from SDG GRID54), GRID-40 (SDG GRID40), GRID-2 (SDG ESIDE), GRID-35, GRID-38 and GRID-39 (all three from SDG GRID-31), and GRID-23, N-19, GRID-38, and GRID-39 (all four from SDG COMP-A). Matrix spikes were performed and reviewed for samples GRID-54, GRID39 and GRID-2.

In summary, the analyses were conducted in compliance with the modified protocol, with any exceptions noted in the text below and on the attached compliancy chart. Copies of the laboratory case narratives and sample preparation/analysis summary forms are also attached to this narrative. Resubmission requests were made for raw data supporting reported percent moisture values, clarification of sample storage, and for an omitted chain-of-custody (see attached).

Edits and recommended qualifications to sample reported results are as follows:

1. Due to inconsistencies in the detected values of Aroclor 1254 in the sample GRID-54 (from SDG GRID54) and its matrix spikes, which showed values of 2600 ug/Kg, 2000 ug/Kg, and 6000 ug/Kg, respectively, the reported value for the Aroclor 1254 in the sample should be considered estimated.
2. The reported result for Aroclor 1254 in sample GRID-40 (SDG GRID40) should be edited to be 1400 ug/Kg, not the originally reported value of 1600 ug/Kg. In addition, the result should carry the "P" flag, which indicates a variance of more than 25% difference between two column results, and should be considered estimated due to that variance (43%D). Certain of the concentrations for the individual isomer and mean concentrations were misreported on the sample Form 10B. See attached for corrected values.

3. Certain of the isomer and mean concentrations reported on the Form 10Bs for the matrix spikes and matrix spiked blank of SDG ESIDE were incorrect. Although the specific sample of that SDG submitted for validation, GRID-2, was verified as being correct, the laboratory should rereview the remaining four samples in the delivery group to ensure accuracy of reported values.

Other quality concerns not requiring edits to sample reported results are discussed below:

Holding times and method blank requirements were met for sample processing. Due to elevated levels of Aroclor mixtures, many samples and matrix spikes were run at dilutions which prohibit evaluation of the surrogate recoveries. Certain of other sample surrogate recoveries were elevated by interferences. Surrogate recoveries of method blanks and matrix spike blanks (MSBs) were within limits, with the exception of those of the TCX recoveries in the PBLK01 of SDG GRID54 (41% and 44%).

Matrix spike blanks (MSBs) associated with the matrix spikes of GRID-54, GRID-2, and GRID-39 were spiked with Aroclor 1260, and produced recoveries of 94%, 88%, and 76%. The sample matrix spike recoveries of samples GRID-54 and GRID-39 were not able to be evaluated, as the required spiking level was significantly below the sample levels (spiked at approximately at 5% and 10% of the sample values). The matrix spikes of sample GRID-2 produced recoveries of 68% and 63%.

Protocol criteria relating to system linearity, continuing calibration correlation, resolution, breakdown, sequence patterns, integration and calculation algorithms, etc. were reviewed for those analysis sequences associated with the samples denoted for validation. Endrin and Combined Breakdown allowances were exceeded for standards processed on both columns for analyses associated with SDG GRID54. Due to the fact that isomer correlation in the Aroclor mixtures remained consistent during this noncompliant analysis sequence, no qualification is recommended for the sample reported results as a result of the excessive breakdown.

Some variances in retention times of specific Aroclor isomers in the standards was noted. Retention times of surrogate TCX were outside required limits for several of the standards and PIBLKs in SDG GRID31. Some pesticide calibration standard responses were elevated above required limits in the DB-608 sequence of SDG GRID31. Based upon Aroclor standard responses of these sequences, no qualification of reported results has been recommended as a result of these noncompliant pesticide responses.

Certain errors on summary forms were observed, which do not directly affect sample reported results, but which should be corrected:

1. The retention times for the BHC isomers on column DB-608 12/10/93 (SDG GRID31) are not consistent between Forms 6D and 7D.
2. The column identification for the analysis of the MSB in SDG GRID31 is not consistent between Forms 8D and 10B, and the notations on the raw data.

COMPLIANCY CHART

Project: Schreck's Scrapyard
 SDG Nos: GTC SDG Nos. ESIDE, GRID31, GRID40, GRID54, COMPA
 Protocol: Modified 1991 NYSDEC ASP

RecDate	SDG No.	Sample ID	Matrix	PCB	Noncompl
10-28-93	GRID-54	GRID-54	Soil	NO	1
11-08-93	GRID-40	GRID-40	Soil	OK	
11-12-93	ESIDE	GRID-2	Soil	OK	
12-09-93	GRID-31	GRID-35	Soil	OK	
12-09-93	GRID-31	GRID-38	Soil	OK	
12-09-93	GRID-31	GRID-39	Soil	NO	2
12-21-93	COMP-A	GRID-23	Soil	OK	
12-21-93	COMP-A	GRID-38	Soil	OK	
12-21-93	COMP-A	GRID-39	Soil	OK	
12-21-93	COMP-A	N-19	Soil	OK	

1. Breakdown criteria exceeded on both analysis columns.
2. Pesticide responses in PEM exceed allowable limits.
Retention times of TCX in associated standards are outside allowable windows.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

GRID40

Lab Name: General Testing

Contract: INN. SERVI

Lab Code: 10145

Case No.

SAS No.:

SDG No.: GRID40

Lab Sample ID: R93/4410-1

Date Analyzed: 11/09/93

Instrument ID (1):5890II-F

Instrument ID: (2):5890II-F

GC Column(1):DB-1701

ID: 0.32(mm)

GC Column(2):DB-17

ID: 0.32(mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONC.	%D
			FROM	TO			
AR 1248 COLUMN 1	1	10.86	10.78	10.92	1100	880	
	2	12.19	12.11	12.25	820		
	3	12.53	12.46	12.60	730		
	4		13.83	13.97			
	5		14.25	14.39			
COLUMN 2	1	11.04	10.97	11.11	1200	1000	13.6
	2	11.79	11.71	11.85	1000		
	3	12.11	12.04	12.18	1100		
	4	13.07	12.99	13.13	910		
	5		14.16	14.30			
AR 1254 COLUMN 1	1	11.51	11.44	11.58	2400	2000 1800	
	2	12.19	12.68	12.82	1800 700		
	3	12.75	13.62	13.76			
	4	14.32	14.25	14.39	1600		
	5	15.20	15.13	15.27	2300		
COLUMN 2	1	13.56	13.49	13.63	1300	1400 1600	43 % 12.5
	2	14.09	14.02	14.16	1000		
	3		14.67	14.81			
	4	15.97	15.90	16.04	540 1600		
	5	16.24	16.17	16.31	2600		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

Edited by Mary

FORM X PEST-2

000040

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

FACSIMILE TRANSMISSION

Date: 1-17-94

To: Karla Alvarez

Company: CDM

From: Judy Hany

Number of pages including cover: 1

Comments: Regarding the Schreck's Site data
packages for GRID 40 and GRID 54: As with
the previous ~~pages~~ ^{packages}, no raw data for the
percent moisture/solids determinations were
provided. - Please request the raw data to
support the % solids that they reported
for these two samples. Also, the status of
the cooler for SDG GRID 40 during the
3 days from collection to lab receipt is not
clear. Was the cooler kept in a cold storage
area either at the lab or elsewhere during
this time? No indication is present denoting
sample condition (temperature) at receipt. I'll
need a written discussion of clarification.

Please call if additional info is needed
from me.

Thank you,

Judy

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

FACSIMILE TRANSMISSION

Date: 2-5-94

To: Karla Alvarez

Company: CDM

From: Judy Harry

Number of pages including cover: 1

Comments: As with the other data packages,

no raw data for the solids determinations

were provided for Schreck's Site packages:

SDG GRID 31 R93/4816

SDG COMPA R93/4936

SDG ESIDE R93/4456

Please ask GTC to forward them as
soon as possible.

Thanks,

Judy

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

FACSIMILE TRANSMISSION

Date: 2-7-94

To: Marla Alvarez

Company: CDM

From: Judy H. [Signature]

Number of pages including cover: 1

Comments: The remaining information needed to complete review of Schreck's Site SDG's COMPA, ESIDE, & GRID is the following:

1) Chain-of-Custody for lab receipt of sample GRID 2 (Received 11/12/93 in SDG ESIDE/R93 4456)

was not present in the data package.

2) SDG COMPA/R93 4936 - most samples were collected 12/17 and received by the

lab 12/21/93. The status of the samples needs to be addressed as regards temperature

Storage - It appears the the samplers relinquished custody 12/20 to Kathy Wager from ^{sample} [Signature]

Please provide a statement as to the status of the samples 12/17 → 12/20. Please also

clarify the collection date of N#19. It was manually edited on the C-O-C to be

12/17, but the lab "tracking forms" show 12/20.

U



File 5,

January 21, 1994

Camp, Dresser and McKee
75 Schenck St.
N. Tonawanda, N.Y. 14120

Attn: Karla Alvarez

Re: Schrecks Scrapyard
Raw data response

Dear Karla:

Enclosed please find the response letter from General Testing dated January 19, 1994.

If you have any further questions please contact me as soon as possible.

Sincerely,

Michael Marks

INNOVATIVE SERVICES INTERNATIONAL

BUFFALO AREA: 5033 Transit Road ▲ Depew, NY 14043 ▲ (716) 681-3535 ▲ FAX (716) 681-5889
PHILADELPHIA AREA: P.O. Box 302 ▲ Medford, NJ 08055 ▲ (609) 654-1561 ▲ FAX (609) 654-1660

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InStream, LLC

**General
Testing
Corporation**



A Full Service Environmental Laboratory

January 19, 1994

Mr. Michael Marks
Innovative Services International Inc.
5033 Transit Road
Depew, NY 14043

Re: Schreck Scrapyard
R93/4410 SDG# GRID40
R93/4326 SDG# GRID54
R93/4211 SDG# BAILER
R93/4456 SDG# ESIDE
R93/4456 SDG# GRID31

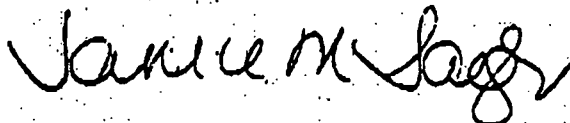
Dear Mr. Marks:

Enclosed is the percent solids raw data for the above referenced site. These pages have been numbered and may be inserted into the original packages. All remaining packages will include the percent solids raw data. Also, as requested by Judy Harry, a memorandum has been included discussing the sample custody of R93/4410. I regret any inconvenience this may have caused you. Should you have any further questions, please contact me at (716) 454-3760.

Thank you for letting us provide this service.

Sincerely,

GENERAL TESTING CORPORATION



Janice M. Jaeger
Customer Service Representative

JAN 21 1994

GENERAL TESTING CORPORATION

Memo

To: Janice Jaeger
From: Mark Monachino
Re: Schreck Scrapyard sample R93/4410-1 (GRID40)
Date: 01/18/94

This memo addresses the storage of sample R93/4410-1 (GRID40) between the date of sampling on 11/5/93 and the date of lab receipt on 11/8/93. The sample was stored in General Testing's Amherst Office walk-in cooler. This cooler is kept secure (locked) and the temperature is monitored as per NYSDOH requirements. The samples were therefore kept at approximately 4 C during this time.

General
Testing
Corporation



A Full Service Environmental Laboratory

February 9, 1994

Mr. Michael Farnsworth
Innovative Services International Inc.
5033 Transit Road
Depew, NY 14043

Re: Schreck Scrapyard
R93/4456 SDG# ESIDE

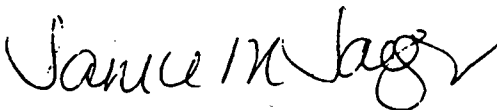
Dear Mr. Farnsworth:

Enclosed please find a Chain of Custody for the above referenced site. It was inadvertently left out of the original report. The page has been numbered and may be inserted into the data package. I regret any inconvenience this may have caused you. Should you have any further questions or concerns, please contact me at 454-3760.

Thank you for letting us provide this service.

Sincerely,

GENERAL TESTING CORPORATION



Janice M. Jaeger
Customer Service Representative

cc Ms. Judy Harry
Data Validation Services
Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Case Narrative

INNOVATIVE SERVICES

R93/4326

One (1) soil sample was analyzed for Aroclors using NYSDEC 91-3 CLP protocol which was modified to accommodate an Aroclor only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 medium bore (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 medium bore (0.32 mm ID.) capillary column.

The following samples are associated with SDG#: GRID54

EPA Sample ID	Laboratory ID Number
GRID54	R93/04326-1 1/10
PBLK01	-BLK01
PBLK01MS	-REF SPK
GRID54MS	-1MS 1/10
GRID54MSD	-1MSD 1/10

Due to high levels of Aroclor 1254, the samples GRID54, GRID54MS, and GRID54MSD were diluted which caused the matrix spikes and surrogates to be diluted out (flag D). The blank spike was within recommended Q.C. limits for this SDG.

The surrogate Tetrachloro-m-xylene, was outside of recommended Q.C. limits for the sample PBLK01, on DB-1701 and DB-17.

Due to a dirty injector, the percent Endrin breakdown for this sequence was greater than 30% for the initial calibration run on 10/29-10/30/93 on each column, however the quantitation of pesticides was not requested for this SDG.

No further problems were incurred during this sequence.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

11/24/93

Date

000003

Case Narrative

INNOVATIVE SERVICES

R93/4410

One (1) soil sample was analyzed for Aroclors using NYSDEC 91-3 CLP protocol which was modified to accommodate an Aroclor only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 medium bore (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 medium bore (0.32 mm ID.) capillary column.

The following samples are associated with SDG#: GRID40

EPA Sample ID	Laboratory ID Number
GRID40	R93/4410-1 1/10
PBLK01	R93/4410-BLK

The surrogate recovery for Decachlorobiphenyl (DCB) was outside of advisory Q.C. limits for the sample GRID40, on both the columns DB-1701 and DB-17 due to the presence of extraneous peaks that co-eluted with DCB. However, the recovery for tetrachloro-m-xylene was within limits.

Due to a computer error the date inadvertently changed from 11/08/93 to 11/09/93 between 09:46 and 10:21 on 11/08/93 and all data after this time shows a 24 hour bias.

No QC data was requested by the client, therefore no matrix spike/matrix spike duplicate and blank spike data was reported.

No further problems were incurred during this sequence.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

12/6/93

Date

000003

Case Narrative

INNOVATIVE SERVICES

R93/4456

Four (4) soil samples were analyzed for PCB's using NYSDEC 91-3 CLP protocol which was modified to accommodate a PCB only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 (0.32 mm ID.) capillary column.

The following samples are associated with SDG#: ESIDE

EPA Sample ID	Laboratory ID Number
WSIDE1	R93/4456 -1 1/10
SSIDE	-2
ESIDE	-3 1/10
WSIDE2	-4 1/10
GRID2	-5 1/2
GRID2MS	-5MS 1/2
GRID2MSD	-5MSD 1/2
PBLK01	-BLK01
PBLK02	-BLK02
PBLK02MS	-RS

All samples excluding GRID2 (R93/04456-5) were analyzed using an initial calibration from the dates 11/11-12/93. The sample GRID2 was analyzed using an initial calibration from 11/15-16/93.

Due to instrument malfunction, the sample AR1242 H01 did not inject and was reanalyzed at the end of the initial calibration (for the initial calibration 11/11-12/93)

The recovery for the surrogate Decachlorobiphenyl, was outside of advisory Q.C. limits for the samples GRID2 (R93/04456-5), GRID2MS, and GRID2MSD and WSIDE2 (R93/04456-4) on DB-17 due to a suspected extraneous peak that co-eluted with the surrogate peak. The recovery for the surrogate Tetrachloro-m-xylene, was outside of advisory Q.C. limits for the sample GRID2MS and WSIDE2 for the column DB-1701.

All other surrogate recoveries for these samples were within limits.

Due to suspected matrix interferences all surrogate recoveries were outside of advisory Q.C. limits for the samples WSIDE1 (R93/04456-1), and ESIDE1 (R93/044563).

The PCB recoveries of the blank and matrix spikes for this SDG were within the recommended Q.C. limits.

Due to mixtures of Aroclor 1248 and 1254 in the samples WSIDE1 (R93/04456-1) and SSIDE (R93/04456-2) and the high frequency of analogous peaks that co-elute between these two compounds, only two(2) peaks could be used in the quantitation of AR1248 for sample WSIDE1 on the column DB-17, and the quantitation of AR1254 for the sample SSIDE for the column DB-17.

No further problems were incurred during this sequence.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

12/8/93

Date

Case Narrative

INNOVATIVE SERVICES

R93/4816

Four (4) soil samples were analyzed for PCB's using NYSDEC 91-3 CLP protocol which was modified to accommodate a PCB only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. Two initial calibrations were used for this SDG. The first was run on 12/10-11/93 and used a DB-608 (0.53mm) capillary column with a DB-1701 (0.53mm) capillary column running concurrently. The second was analyzed on 12/16-17/93 using a DB-1701 (0.32 mm ID) capillary column with a DB-17 (0.32 mm ID.) capillary column running concurrently.

The following samples are associated with SDG#: GRID31

EPA Sample ID	Laboratory ID Number
GRID31	R93/4816-1 1/50
GRID35	-4
GRID38	-2 1/50
GRID39	-3 1/50
PBLK01	R93/4816-BLK01
PBLK01MS	-REF SPK
GRID39MS	-3MS 1/50
GRID39MSD	-3MSD 1/50

Due to high levels of Aroclor in the samples GRID31 (R93/4816-1), GRID38 (R93/4816-2), GRID39MS (R93/4816-3MS), GRID39MSD (R93/4816-3MSD), GRID35 (R93/4816-3) the samples were analyzed at a dilution which caused the surrogates to be diluted out (flag D).

Due to high levels of Aroclor in the sample GRID39 (R93/4816-3) the sample was analyzed at a dilution which caused the matrix spikes to be diluted out. The blank spike was within recommended Q.C. limits for this SDG.

Due to mixtures of Aroclor 1248 and 1254, and the high frequency of analogous peaks that co-elute between these two compounds, only two (2) peaks could be used in the quantitation of AR1248 (if linearity was to be maintained) for the sample GRID31 (R93/4816-1) on both columns, and the quantitation of AR1254 for the samples GRID39MS (R93/4816-3MS), and GRID39MSD (R93/4816-3MSD) for the column DB-1701.

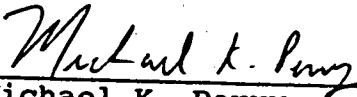
The PEM which was run with the initial calibration from 12/10-11/93 had pesticides which were above the limit of 25%D, as per protocol. This SDG however, had no pesticides which were target compounds .

No prep blank was analyzed for the samples run with the initial calibration from 12/10-11/93 (inst: HP5890II-F, columns: DB-1701, DB-17 0.32mm). There was a prep blank analyzed for the samples run with the initial calibration from 12/10-11/93 (inst: HP-5890A-C columns: DB-608, DB-1701 0.53mm). The former samples appear on the form 4 for the initial calibration of 12/10-11/93.


The retention time of TCX was outside limits for column DB-608 for samples PEM01, INDAM01, INDBM01, AR1221H01, AR1232M01, PIBLK01, and AR1254M02. However, for PCB only analysis, identification by "fingerprint" is used and small RT shifts are relatively insignificant.

No further problems were incurred during this sequence.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director



Date

SECTION B

000004

CASE NARRATIVE

Client: Innovative Services
Scheck's Scrap Yard
GTC Job#: R93/04936
SDG#: COMPA

PCB ANALYSIS

Seven (7) soil samples were analyzed for PCB's using NYSDEC 91-3 CLP protocol which was modified to accommodate a PCB only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 (0.32 mm ID.) capillary column.

The following samples are associated with SDG# COMPA:

<u>EPA Sample ID</u>	<u>Laboratory ID</u>
COMPA	R93/04936-007
GRID23	-002
GRID24	-003
GRID31	-001
GRID38	-004
GRID39	-005
N19	-006
PBLK01	-BLK01
PBLK01MS	-RS
GRID31MS	-001MS
GRID31MSD	-001MSD

Due to injector malfunction, the samples that were analyzed on 12/22/93 at the times of 04:17 and 12:03 did not inject. The surrogate retention times for the above samples are not present on the Form VIII's. The analysis was repeated at a later time. The recoveries for the blank spike, matrix spike, and matrix spike duplicate for this SDG were within recommended QC limits. The RPD for the precision results on the samples GRID31MS (R93/4936-1MS) and GRID31MSD (R93/4936-1MSD) for PCB 1248 was outside of advisory QC limits. The RPD for PCBs 1254 and 1260 were within limits.

Both surrogate recoveries from the DB-1701 column were outside of advisory QC limits for the sample GRID24 (R93/4936-3). Samples GRID24 (R93/4936-3), GRID31 (R93/4936-1), GRID31MS (R93/4936-1MS), and GRID31MSD (R93/4936-1MSD) had the surrogate recovery for Decachlorobiphenyl from the DB-17 column outside of advisory QC limits. The surrogate recoveries for samples GRID23 (R93/4936-2), GRID38 (R93/4936-4) and COMPA (R93/4936-7) were diluted out and could not be determined and were flagged with a "D".

Innovative Services R93/04936

Due to the amount of PCBS detected, samples GRID24 (R93/4936-3), GRID31 (R93/4936-1), GRID39 (R93/4936-5), and N19 (R93/4936-6) were analyzed at a 1/10 dilution; sample GRID23 (R93/4936-2) was analyzed at 1/20 dilution; and samples GRID38 (R93/4936-4) and COMPA (R93/4936-7) were analyzed at a 1/50 dilution.

Due to the weathering and mixtures of PCB 1248 and PCB 1254 in the sample COMPA (R93/4936-7), only two peaks were used to quantitate AR1248 for the column DB-1701. Due to mixtures of PCBs 1254 and 1260, only two peaks were used to quantitate AR 1260 in the sample GRID23 (R93/4936-2) for the column DB-17.

No further problems were incurred during this sequence.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

Date 1/21/94

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE IDENTIFICATION AND
 ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
WSIDE1	R93/04456-1				X		
SSIDE	R93/04456-2				X		
ESIDE	R93/04456-3				X		
WSIDE2	R93/04456-4				X		
GRID2	R93/04456-5				X		

*Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE PREPARATION AND ANALYSIS SUMMARY
 PCB
 ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
R93/4456-1	SOIL	11/09/93	11/10/93	11/10/93	11/12/93
R93/4456-2	SOIL	11/09/93	11/10/93	11/10/93	11/12/93
R93/4456-3	SOIL	11/09/93	11/10/93	11/10/93	11/12/93
R93/4456-4	SOIL	11/09/93	11/10/93	11/10/93	11/12/93
R93/4456-5	SOIL	11/10/93	11/12/93	11/15/93	11/16/93

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R93/4456-1	SOIL	MODIFIED 91-3			10
R93/4456-2	SOIL	MODIFIED 91-3			1.0
R93/4456-3	SOIL	MODIFIED 91-3			10
R93/4456-4	SOIL	MODIFIED 91-3			10
R93/4456-5	SOIL	MODIFIED 91-3			2.0

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

SECTION C

Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
	*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
1031 R93/4816-1				X		
1038 R93/4816-2				X		
1039 R93/4816-3				X		
1035 R93/4816-4				X		

Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE PREPARATION AND ANALYSIS SUMMARY
 PCB
 ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
4816-1	SOIL	12/08/93	12/09/93	12/09/93	12/11/93
4816-2	SOIL	12/08/93	12/09/93	12/09/93	12/17/93
4816-3	SOIL	12/08/93	12/09/93	12/09/93	12/11/93
4816-4	SOIL	12/08/93	12/09/93	12/09/93	12/17/93

SECTION C

NEW YORK STATE DEPARTMENT OF ENVIRONMENT
 SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

E ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
816-1	SOIL	MODIFIED 91-3			50.0
4816-2	SOIL	MODIFIED 91-3			50.0
816-3	SOIL	MODIFIED 91-3			50.0
4816-4	SOIL	MODIFIED 91-3			1.0

9/89

SECTION C

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE IDENTIFICATION AND
 ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
GRID31	R93/04936-1				X		
GRID23	R93/04936-2				X		
GRID24	R93/04936-3				X		
GRID38	R93/04936-4				X		
GRID39	R93/04936-5				X		
N19	R93/04936-6				X		
COMPA	R93/04936-7				X		

*Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
PCB
ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
R93/4936-1	SOIL	12/17/93	12/21/93	12/21/93	12/23/93
R93/4936-2	SOIL	12/17/93	12/21/93	12/21/93	12/23/93
R93/4936-3	SOIL	12/17/93	12/21/93	12/21/93	12/23/93
R93/4936-4	SOIL	12/17/93	12/21/93	12/21/93	12/23/93
R93/4936-5	SOIL	12/17/93	12/21/93	12/21/93	12/23/93
R93/4936-6	SOIL	12/17/93	12/21/93	12/21/93	12/23/93
R93/4936-7	SOIL	12/20/93	12/21/93	12/21/93	12/23/93

NCF5

5/91

000024

H-3
Data Validation Report No. 3
(Dated 9/7/94)

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

File 7B

TO: Camp Dresser & McKee

FROM: Judy Harry, Data Validation Services *J. Harry*

DATE: 09-07-94

RE: Validation of Schreck's Scrapyard Site No. 9-32-099 data packages
GTC Job Nos. R93/4080, R93/4974, and R94/0395
GTC SDG Nos. AREA6, EUG, and DS1

Review is complete for three data packages generated by General Testing Corporation pertaining to samples collected at the Schreck's Scrapyard Site. Soil samples, received from October 1993 through February 1994, were analysed for PCBs according to the NYSDEC ASP 91-3 method, modified for Aroclor-only analyses. Those samples validated from these delivery groups are DS1, CAR3, EUG, and AREA6. Matrix spikes were performed and reviewed for samples AREA6, EUG, and CAR3.

In summary, the analyses were conducted in compliance with the modified protocol, with any exceptions noted in the text below and on the attached compliancy chart. Copies of the laboratory case narratives and sample preparation/analysis summary forms are also attached to this narrative. Resubmission requests were made as regards clarification of sample storage, and errors observed in reported calibration factors. Copies of resubmission communications are attached to this report.

Edits and recommended qualifications to sample reported results are as follows:

1. The reported result for Aroclor 1260 in sample CAR3 (SDG DS1) should be edited to be 44 ug/Kg, not the originally reported value of 37 ug/Kg. Certain of the concentrations for the individual isomer and mean concentrations were misreported on the sample Form 10B. See resubmission communications.
2. Due to low TCX surrogate recovery in sample DS1 (SDG DS1) (15% and 13%; recommended limit is 60%), the reported detection limit of the early eluting Aroclor mixtures Aroclor 1016, Aroclor 1221, Aroclor 1232, and Aroclor 1242 should be considered estimated for this sample.

Other quality concerns not requiring edits to sample reported results are discussed below:

Holding times and method blank requirements were met for sample processing. Extended holding times before shipment (see resubmission discussions) did not result in an unacceptable delay in the timeframe from collection to extraction.

Please see the above discussion regarding the low surrogate recovery in DS1. All other surrogate recoveries were acceptable, with the exception of AREA6 and its matrix spikes, which showed elevated recoveries due to isomer interference.

The Form 3E reporting matrix spike recoveries for AREA6 should indicate the analyte spiked as Aroclor 1254, not Aroclor 1260. Recoveries for the matrix spikes of AREA6 are not useful for accuracy evaluation, as the spike added was only 10% of the sample value. Duplicate correlation of Aroclor 1248 and 1254 in the sample and its spikes was good. The matrix spikes (Aroclor 1260) of EUG produced good recoveries (80% and 117%), although the duplicate correlation value was slightly high, at 33%RPD, above the recommended limit of 30%RPD. Matrix spikes of CAR3 (Aroclor 1260) produced acceptable accuracy and precision values. Matrix spike blank recoveries (of Aroclor 1260) for these delivery groups were good, at 70% to 100%.

Modified protocol criteria relating to system linearity, continuing calibration correlation, retention time, resolution, breakdown, sequence patterns, integration and calculation algorithms, etc. were reviewed, and found to be acceptable.

The reported calibration factors on certain of the Forms 6F were incorrect, as noted in the resubmission communications. The affected sample CAR3 is discussed earlier; the laboratory verified all other sample reported values are correct. The reported values for the matrix spikes of AREA6 were also calculated against incorrect calibration factors; the correct values vary slightly from those reported, but do not significantly affect spike evaluation.

COMPLIANCY CHART

Project: Schreck's Scrapyard
SDG Nos: GTC SDG Nos. AREA6, EUG, DS1
Protocol: Modified 1991 NYSDEC ASP

<u>RecDate</u>	<u>SDG No.</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>PCB</u>	<u>Noncompl</u>
02-08-94	DS1	DS1	Soil	OK	
02-08-94	DS1	CAR3	Soil	OK	
12-23-93	EUG	EUG	Soil	OK	
10-18-93	AREA6	AREA6	Soil	OK	

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

May 9, 1994

Karla Alvarez
Camp, Dresser & McKee
Raritan Plaza 1
Edison, NJ 08818

Dear Karla:

In addition to the facsimile request of 5-5-94, the following issues need response from the laboratory prior to completion of the review of the Schreck's Site data packages. Review is complete, pending the receipt of the laboratory resubmissions.

1. GTC Job No. R93/4080

- a. A four day lapse is present between sample collection and laboratory receipt. Please request that the laboratory provide an discussion of the sample conditions during this delay.
- b. The Forms 6F, which show calibration factors (CF) for the PCB mixtures, contain at least one error which relates directly to sample results (Aroclor 1254 at 12.87' on DB-1701) . This was detected during the course of validation review. As the explanation of this error is not obvious, and may be random in fashion, the laboratory should recheck all CF values and means, and recalculate any affected sample results (i.e. AREA6). Please request that they provide a written reassurance when this has been done.

2. GTC Job No. R94/0041

- a. A three day time lapse was present between the collection of sample COMP3 and the laboratory receipt (the collection date for this sample on the NYSDEC Sample Preparation and Analysis Summary Form is incorrect). No notations are provided to show the sample condition (i.e. cooler temp) at sample receipt. Please request that the lab forward any additional documentation that may be available.
- b. Please request that the lab provide a statement regarding matrix spike concentrations in the PLK01MS and sample matrix spikes of COMP3. Although the extraction log indicates otherwise, the concentrations appear to be tenfold above the required level. This is not discussed in the case narrative.

3. GTC Job No. R94/0395

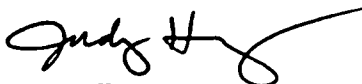
As has been observed in several the data packages for this project (as noted in the two previous validation reports), there have been (apparently random) errors in the software calculations for certain isomers in certain samples. These appear on the Forms 10B, and directly affect sample reported results. Review of the Form 10B values for sample CAR3 in this SDG shows an error in the result of the Aroclor 1260 isomer at 14.91' on DB-1701. Because these errors are not predictable, the lab should verify all reported isomer values and means for this delivery group, and provide a written assurance that this has been done.

4. GTC Job No. R94/0402

The chain-of-custody documentation for this group shows a GTC Job No. of R94/0423 rather than R94/0420. This appears in a couple of places on the form. The analysis sequence for the samples show that there were samples processed from both Job numbers. Please ask that the lab clarify the lab ID numbers for the samples reported in this delivery group, and provide a corrected custody form, if applicable.

Generation of the final two validation reports for the project can be done after the receipt of the lab responses. Please do not hesitate to contact me if any additional information is needed.

Very truly yours,



Judy Harry

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

FACSIMILE TRANSMISSION

Date:

5-5-94

To:

Karla Alvarez

(908) 25-

Company:

CDM

7851

From:

Judy Harry

Number of pages including cover:

1

Comments:

RE: Schreck's Scrapyard Site

The following information was omitted from the data packages. Please request that the lab forward the documentation as soon as possible in order that validation can be completed:

- 1) GTC Project No: R94/0041 - the Standard Summary Forms 6A F were omitted.
- 2) GTC Project No: R94/0420 - no raw data to support % Moisture / % Solids was provided.

Thank you,

Judy Harry

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

FACSIMILE TRANSMISSION

Date: 5-17-94

To: Karla Alvarez

Company: CDM

From: Judy Harry

Number of pages including cover: 1

Comments: Re: Schreck's Site Data packages
My questions to ~~CDM~~^{GTC} regarding time lapses
from collection to lab receipt indicate that
the hold-up was not at the lab (- See
questions - 1. a. and 2. a. in my letter to
you dated 5-9-94). I will need a statement
from the sampling team regarding the cause
of the delay, and the storage conditions
during the 3 + 4 day time lapses.

Thank you,
Judy

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

August 2, 1994

Karla Alvarez
Camp Dresser & McKee
Raritan Plaza 1
Raritan Center
Edison, NY 08818


RE: Schreck's Scrapyard Site Project

Dear Karla:

In reference to the extended holding time prior to delivery of samples to the laboratory, there are serious concerns still outstanding. During the course of evaluating the situation, I asked Mark Monachino of General Testing to check the lab notes for sample receipt. He indicated that the samples were delivered by hand, and were not contained in coolers. This is not in accordance with proper sample handling, in which samples should be packed on ice following collection, until laboratory receipt. If it cannot be verified that the samples were stored in a chilled state, than all resultant reported values and detection limits are compromised, and must be qualified as estimated, possibly biased low. If the samplers do not provide documentation (such as a letter stating the conditions of storage and "shipment"), the lab will be contacted to provide an statement indicating the status of receipt of all project samples. The quality of the reported values/detection limits of the whole project may be affected.

Please contact me when a decision is made as to the available documentation from the sampling team.

Very truly yours,


Judy Harry

CDM

environmental engineers, scientists,
planners, & management consultants

August 5, 1994

CAMP DRESSER & McKEE

Raritan Plaza I
Raritan Center
Edison, New Jersey 08818
908 225-7000, Fax: 908-225-7851

Mr. Michael Marks
Contract Administrator
Innovative Services International, Inc.
5033 Transit Road
Depew, New York 14043

Project: New York State Department of Environmental Conservation
Schrecks Scrapyard Site No. 9-32-099
Building Demolition and Soil Removal
North Tonawanda, New York

Subject: Storage Location and Conditions of Samples Identified Under
GTC Job Nos. R93/4080 and R94/0041

Dear Mr. Marks:

Confirming our discussion of August 1, 1994, ISI is still in the process of obtaining clarification regarding the storage location and conditions of samples identified in CDM's requests dated May 23, 1994 and June 20, 1994. Since data validation of the deliverable packages cannot be completed without this information, CDM's schedule to produce a final report for the project has been impacted. Attached find a letter from CDM's data validation which stresses the importance of this information with regards to the integrity of the sample results presented. As stated in the attached letter, this outstanding documentation may affect the quality of the reported values for the whole project.

Payment corresponding to these samples shall continue to be withheld until the requested information has been provided. Kindly attend to this matter immediately.

Very truly yours,

CAMP DRESSER & McKEE



Karla Alvarez
Resident Engineer

Attachment

cc: M. Cruden (NYSDEC) ✓
J. Hyden (NYSDEC-9)
File: 5, 9

J. Harry (DVS)
J. Parr (CDM)

[m:/alvarez/marks.ltr1]



CDM
rec'd 9/1/94

File 5,9

August 15, 1994

Camp, Dresser and McKee
Raritan Plaza 1
Raritan Center
Edison, NJ. 08818

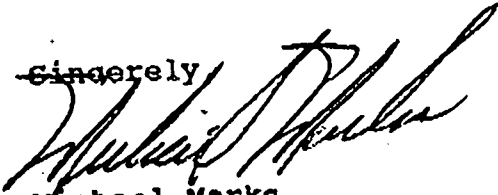
Attn: Karla Alvarez

Re: Schrecks Scrapyard
GTC Job Nos. R93/4080 and R94/0041

Dear Karla:

As per our discussion of August 1, 1994 regarding the storage location and conditions of the above referenced samples. I have spoken to Frank Stachelski on August 15, 1994, and he has confirmed that these samples were stored in the refrigerator within I.S.I.'s office trailer from the time the sample was taken to the time the sample was shipped, and was shipped in a cooler to the lab. During this time the trailer was manned with 24 hour security.

If you have any questions please contact me at your earliest convenience

Sincerely,

Michael Marks
Innovative Services International

Post-It™ brand fax transmittal memo 7571	# of pages	1
To	J. Alvarez	
Co.	CDM	
Dep't	AS THIS LETTER AT CAMP DRESSER & MCKEE 3 PLAZA 1 EDISON, NJ 08818	
Fax #	978 257-4429	
Phone	(609) 654-1561	

INNOVATIVE SERVICES INTERNATIONAL

BUFFALO AREA: 5033 Transit Road ▲ Depcw, NY 14043 ▲ (716) 681-3535 ▲ FAX (716) 681-5889
Medford, NJ 08055 ▲ (609) 654-1561 ▲ FAX (609) 654-1660

General Testing Corporation



A Full Service Environmental Laboratory

May 16, 1994

Ms. Judy Harry
Data Validation Services
Cobble Creek Road, P.O. Box 208
North Creek, New York 12853

Dear Ms. Harry:

The following are the responses and corrections to the Data Validation of reports for the Innovative Services/CDM Schreck's Scrapyard Site received by Fax at General Testing Corp. on May 11, 1994. Also included are the responses to the Data Validation sent to CDM on April 30, 1994 received by Fax at GTC on May 12, 1994. The items are addressed in the order cited.

Fax dated May 5, 1994

1. The missing Form 6Fs for R94/0041 are attached.
2. The missing % Solids raw data is attached.

Letter dated May 9, 1994

1. GTC Job No. R93/4080

- a. General Testing received the sample four days after the date sampled. Since General Testing did not perform the sampling for this project, no documentation for the sample condition prior to receipt is available.
- b. The Calibration Factors (CF) errors are random in nature, due to data entry errors. All CF values and means have been checked and a corrected copy of the Form 6F is attached. Sample results reported have not been affected by the errors.

2. GTC Job No. R94/0041

- a. As for Job No. R93/4080, General Testing received the sample three days after the date sampled. Since General Testing did not perform the sampling for this project, no documentation for the sample condition prior to receipt is available.

GENERAL TESTING CORPORATION

2. GTC Job No. R94/0041 (cont.)

- b. The samples were inadvertently spiked at a level tenfold above the required level. This fact should have been stated in the case narrative.

3. GTC Job No. R94/0395

- a. The Calibration Factors (CF) errors are random in nature, due to data entry errors. All CF values and means have been checked. Corrected copies of the Forms 1 and 10 for sample CAR3 (R93/0395-001) are attached. No other sample results were affected.

4. GTC Job No. R94/0420 (listed as 402 in Fax)

- a. The chain of custody form on page 6 of the SDG is incorrect. All other forms are correct, including the analysis sequence. A corrected chain of custody form is attached.

Fax dated May 12, 1994

- 1. The corrected Form 7D for SDG GRID31 is attached.
- 2. The raw data was incorrect. The column identification should have been DB-608. A corrected copy of the raw data is attached.

Thank you for the opportunity to reply to the Data Validations. If you have any other questions or concerns, feel free to call me at (716) 454-3760.

Sincerely,
GENERAL TESTING CORPORATION



Mark Monachino
QA Director

cc Ms. Karla Alvarez, CDM
Mr. Michael Marks, Innovative Services

AROCLOR INITIAL CALIBRATION OF MULTI PEAK ANALYTES

Lab Name: GENERAL TESTING CORP.

Contract: INN. SERVICES

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: GCOMP3

Instrument ID: HP5890A-C

GC Column: DB-1701

ID: 0.32 (mm)

Date(s) Analyzed:

01/17-18/94

COMPOUND	RT	CALIBRATION FACTORS				%RSD
		LOW	MID	HIGH	MEAN	
AROCLOR 1016	9.50	0.351	0.290	0.262	0.301	15.1
AROCLOR 1016	11.45	1.05	0.916	0.874	0.947	9.7
AROCLOR 1016	11.77	0.564	0.476	0.430	0.490	13.9
AROCLOR 1016	12.79	0.598	0.470	0.440	0.503	16.7
AROCLOR 1016	13.01	0.500	0.428	0.404	0.444	11.3
AROCLOR 1221	9.02	0.140	0.131	0.115	0.129	10.0
AROCLOR 1221	9.53	0.392	0.328	0.301	0.340	13.8
AROCLOR 1221	10.46	0.127	0.112	0.102	0.114	11.1
AROCLOR 1221	11.47	0.116	0.101	0.096	0.104	9.9
AROCLOR 1221	12.81	0.057	0.043	0.040	0.047	19.8
AROCLOR 1232	9.51	0.392	0.312	0.287	0.330	16.6
AROCLOR 1232	10.45	0.368	0.290	0.260	0.306	18.2
AROCLOR 1232	11.46	0.511	0.432	0.408	0.450	12.0
AROCLOR 1232	11.78	0.272	0.220	0.204	0.232	15.3
AROCLOR 1232	13.02	0.244	0.204	0.192	0.213	12.8
AROCLOR 1242	9.50	0.288	0.234	0.212	0.245	16.0
AROCLOR 1242	11.45	0.874	0.742	0.692	0.769	12.2
AROCLOR 1242	11.77	0.470	0.378	0.343	0.397	16.5
AROCLOR 1242	12.79	0.512	0.392	0.355	0.420	19.6
AROCLOR 1242	13.01	0.460	0.386	0.352	0.399	13.8
AROCLOR 1248	10.44	0.318	0.258	0.227	0.268	17.3
AROCLOR 1248	11.45	0.570	0.506	0.469	0.515	9.9
AROCLOR 1248	12.79	0.716	0.594	0.529	0.613	15.5
AROCLOR 1248	13.01	0.566	0.506	0.459	0.510	10.5
AROCLOR 1248	15.02	0.298	0.266	0.244	0.269	10.1
AROCLOR 1254	12.22	0.513	0.402	0.352	0.422	19.5
AROCLOR 1254	15.02	0.895	0.828	0.752	0.825	8.7
AROCLOR 1254	15.36	0.518	0.470	0.419	0.469	10.6
AROCLOR 1254	15.51	0.575	0.552	0.499	0.542	7.2
AROCLOR 1254	16.55	0.833	0.762	0.697	0.764	8.9
AROCLOR 1260	14.05	0.331	0.282	0.259	0.291	12.7
AROCLOR 1260	15.36	0.791	0.630	0.574	0.665	16.9
AROCLOR 1260	15.81	0.902	0.738	0.672	0.771	15.4
AROCLOR 1260	16.54	1.11	1.00	0.959	1.02	7.6
AROCLOR 1260	18.06	0.998	0.946	0.915	0.953	4.4
TETRACHLORO-M-XYLENE	8.15	11.1	10.5	10.3	10.7	3.8
DECACHLOROBIPHENYL	22.77	13.3	11.1	10.3	11.5	13.2

* Surrogate calibration factors are measured from Aroclor 1260 standards.
 % RSD must be less than or equal 20.0 % for all compounds except the
 surrogates, where %RSD must be less than or equal to 30.0%.

AROCLOR INITIAL CALIBRATION OF MULTI PEAK ANALYTES

Lab Name: GENERAL TESTING CORP.

Contract: INN. SERVICES

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: GCOMP3

Instrument ID: HP5890A-C

GC Column: DB-17

ID: 0.32 (mm)

Date(s) Analyzed:

01/17-18/94

COMPOUND	RT	CALIBRATION FACTORS				%RSD
		LOW	MID	HIGH	MEAN	
AROCLOR 1016	10.17	0.507	0.400	0.365	0.424	17.4
AROCLOR 1016	12.39	0.729	0.578	0.540	0.616	16.2
AROCLOR 1016	13.48	0.736	0.582	0.541	0.620	16.6
AROCLOR 1016	13.76	0.415	0.344	0.323	0.361	13.4
AROCLOR 1016	14.37	0.491	0.384	0.366	0.414	16.3
AROCLOR 1221	7.87	0.252	0.208	0.182	0.214	16.5
AROCLOR 1221	9.65	0.197	0.173	0.161	0.177	10.5
AROCLOR 1221	10.18	0.461	0.392	0.359	0.404	12.9
AROCLOR 1221	11.18	0.188	0.160	0.135	0.161	16.6
AROCLOR 1221	12.03	0.154	0.136	0.130	0.140	8.7
AROCLOR 1232	9.65	0.150	0.131	0.121	0.134	11.0
AROCLOR 1232	10.18	0.492	0.406	0.361	0.420	15.9
AROCLOR 1232	11.18	0.524	0.406	0.361	0.430	19.6
AROCLOR 1232	12.40	0.303	0.264	0.240	0.269	11.8
AROCLOR 1232	13.48	0.265	0.270	0.244	0.260	5.3
AROCLOR 1242	10.17	0.392	0.308	0.281	0.327	17.7
AROCLOR 1242	12.02	0.818	0.718	0.994	0.843	16.6
AROCLOR 1242	12.40	0.559	0.444	0.410	0.471	16.6
AROCLOR 1242	14.18	0.577	0.474	0.436	0.496	14.7
AROCLOR 1242	14.80	0.431	0.376	0.356	0.388	10.0
AROCLOR 1248	11.17	0.445	0.362	0.315	0.374	17.6
AROCLOR 1248	12.74	0.825	0.674	0.599	0.699	16.5
AROCLOR 1248	13.48	0.812	0.674	0.603	0.696	15.3
AROCLOR 1248	14.04	0.785	0.656	0.591	0.677	14.6
AROCLOR 1248	14.18	0.872	0.750	0.681	0.768	12.6
AROCLOR 1254	13.48	0.268	0.260	0.232	0.253	7.5
AROCLOR 1254	14.04	0.440	0.360	0.328	0.376	15.3
AROCLOR 1254	15.40	0.723	0.612	0.555	0.630	13.6
AROCLOR 1254	15.63	1.53	1.25	1.13	1.30	15.8
AROCLOR 1254	16.16	0.790	0.628	0.553	0.657	18.4
AROCLOR 1260	15.61	0.776	0.602	0.557	0.645	17.9
AROCLOR 1260	16.62	0.558	0.456	0.434	0.483	13.7
AROCLOR 1260	16.98	0.889	0.688	0.630	0.736	18.5
AROCLOR 1260	17.19	1.20	0.986	0.923	1.04	14.0
AROCLOR 1260	18.58	1.94	1.67	1.34	1.65	18.2
TETRACHLORO-M-XYLENE	8.52	16.45	14.9	14.0	15.1	8.2
DECACHLOROBIPHENYL	25.47	16.50	12.8	11.5	13.6	19.2

* Surrogate calibration factors are measured from Aroclor 1260 standards.
 % RSD must be less than or equal 20.0 % for all compounds except the
 surrogates, where %RSD must be less than or equal to 30.0%.

05/18/94

15:05

07164541245

GENERAL TESTING

006/012

Fax dated May 5, 1994 Item 2

Weight Percent Solids

General Testing Corp.
710 Exchange St.
Rochester, N.Y. 14608

-2-

Analyst: B. Brown

Date: 2/11/94

"S" weight initial: 10.00 final: 10.00

Job Number	Client	Dish I.D.	Wet Weight (g)		Dry Weight (g)	Percent Solid
371-14	Dames & Moore	9	11.76	Gross	10.76	90.2
			1.57	Tare	1.57	
			10.19	Diff.	9.19	
-14 Dup	↓	10	11.86	Gross	10.88	90.5
			1.57	Tare	1.57	
			10.29	Diff.	9.31	
372-3	"Male" Pirnie	11	1.58	Tare	1.58	81.9
			10.24	Diff.	8.39	
				Gross		
CCB	12			Gross	1.58	—
				Tare	1.58	
				Diff.	0.00	
20-1	Inn. Serv.	13	11.67	Gross	8.12	64.9
			1.57	Tare	1.57	
			10.10	Diff.	6.55	
1 Dup	↓	14	11.69	Gross	8.10	64.5
			1.58	Tare	1.58	
			10.11	Diff.	6.52	
-2	↓	15	11.84	Gross	8.11	74.4
			1.57	Tare	1.57	
			10.27	Diff.	7.64	
-3	↓	16	12.05	Gross	9.16	72.4
			1.58	Tare	1.58	
			10.47	Diff.	7.58	

6F

AROCLOR INITIAL CALIBRATION OF MULTI PEAK ANALYTES

Lab Name: GENERAL TESTING CORP.

Contract: INN. SERVICES

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: AREA6

Instrument ID: HP5890II-F

GC Column: DE-1701

ID: 0.32 (mm)

Date(s) Analyzed:

09/15-16/93

COMPOUND	RT	CALIBRATION FACTORS				%RSD
		LOW	MID	HIGH	MEAN	
AROCLOR 1016	10.84	2.03	1.81	1.72	1.85	8.6
AROCLOR 1016	11.45	5.47	4.38	4.01	4.62	16.4
AROCLOR 1016	12.13	7.59	6.12	5.43	6.38	17.3
AROCLOR 1016	12.88	5.49	4.18	3.81	4.49	19.6
AROCLOR 1016	13.21	3.45	2.92	2.66	3.01	13.4
AROCLOR 1221	8.88	2.28	1.91	1.85	2.01	11.4
AROCLOR 1221	9.32	4.92	4.02	3.61	4.18	16.0
AROCLOR 1221	10.12	1.60	1.38	1.29	1.42	11.0
AROCLOR 1221	10.61	0.700	0.718	0.725	0.714	1.8
AROCLOR 1221	10.99	2.01	1.85	1.78	1.88	6.1
AROCLOR 1232	8.88	1.28	1.39	1.17	1.28	8.4
AROCLOR 1232	9.32	4.63	3.64	2.99	3.75	22.0
AROCLOR 1232	11.26	2.92	2.72	2.44	2.69	9.0
AROCLOR 1232	12.32	2.32	2.32	2.32	2.32	2.32
AROCLOR 1242	9.32	3.40	2.56	2.39	2.78	19.4
AROCLOR 1242	10.51	1.77	1.41	1.35	1.51	15.0
AROCLOR 1242	10.99	14.0	10.5	9.76	11.4	19.7
AROCLOR 1242	12.13	6.25	4.98	4.82	5.35	14.6
AROCLOR 1242	12.89	7.75	6.92	6.83	7.17	7.1
AROCLOR 124E	10.12	4.54	3.38	3.39	3.77	17.7
AROCLOR 124E	11.26	3.35	3.08	2.59	3.01	12.8
AROCLOR 124E	12.32	7.70	6.88	5.61	6.73	15.6
AROCLOR 124E	13.70	1.74	1.46	1.22	1.47	17.7
AROCLOR 124E	15.08	1.91	1.71	1.52	1.71	11.4
AROCLOR 1254	12.13	3.20	2.72	2.29	2.74	16.6
AROCLOR 1254	12.88	12.6	10.6	8.53	10.6	19.2
AROCLOR 1254	13.70	3.39	2.98	2.36	2.91	17.8
AROCLOR 1254	14.05	11.10	9.44	7.40	9.31	19.9
AROCLOR 1254	15.34	9.22	7.44	6.22	7.63	19.8
AROCLOR 1260	15.04	3.00	2.34	2.23	2.52	16.5
AROCLOR 1260	15.34	10.1	8.02	7.42	8.51	16.5
AROCLOR 1260	15.98	4.57	3.50	3.20	3.76	19.2
AROCLOR 1260	17.09	10.9	8.90	8.46	9.42	13.8
AROCLOR 1260	18.33	2.38	2.08	1.94	2.13	10.5
TETRACHLORO-M-XYLENE	8.15	203	159	141	167	19.2
DECACHLOROBIPHENYL	19.44	107	83.5	76.9	89.1	17.8

* Surrogate calibration factors are measured from Aroclor 1260 standards.
 % RSD must be less than or equal 20.0 % for all compounds except the
 surrogates, where %RSD must be less than or equal to 30.0%.

ID
 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

CAR3

Name: General Testing

Contract: INN. SERV.

Lab Code: 10145

Case No.

SAS No.:

SDG No.: DS1

Matrix: (soil/water) SOIL

Lab Sample ID: R94/0395-001

Sample wt/vol: 30 (g/ml)g

Lab File ID:

% Moisture: 20 Decanted (Y/N): N

Date Received: 02/08/94

Extraction: (Sepf/Cont/Sonc) SONC

Date Extracted: 02/08/94

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 02/09/94

Injected Volume: 1.0 (ul)

Dilution Factor: 1

GPC Cleanup: (Y/N)N

pH: 8.4

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(UG/L or ug/KG)	UG/KG	
12674-11-2-----	Aroclor-1016		42	U
11104-28-2-----	Aroclor-1221		83	U
11141-16-5-----	Aroclor-1232		42	U
53469-21-9-----	Aroclor-1242		42	U
12672-29-6-----	Aroclor-1248		63	
1097-69-1-----	Aroclor-1254		42	U
1096-82-5-----	Aroclor-1260		44	

FORM I PCB
 NYSDEC B-76

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

CAR3

Name: General Testing Contract: INN. SERV.

Lab Code: 10145 Case No. SAS No.: SDG No.: DS1

Lab Sample ID: R94/0395-001 Date Analyzed: 02/09/94

Instrument ID (1):5890II-F Instrument ID: (2):5890II-F

GC Column(1):DB-1701 ID: 0.32(mm) GC Column(2):DB-17 ID: 0.32(mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D	
			FROM	TO				
AR1248	1	10.57	10.50	10.64	81	68		
	2	11.62	11.55	11.69	65			
	COLUMN 1	3	12.82	12.73	12.87			80
		4	12.98	12.91	13.05			44
		5	14.40	14.34	14.48			
COLUMN 2	1	11.87	11.81	11.95	59	63	8	
	2	12.64	12.57	12.71	58			
	3	13.78	13.72	13.86	36			
	4	14.68	14.62	14.76	31			
	5	15.19	15.13	15.27	30			
AR1260	1	14.91	14.84	14.98	59	44		
	2	15.86	15.75	15.89				
	COLUMN 1	3	16.19	16.12	16.26			37
		4	16.72	16.66	16.80			51
		5	17.78	17.72	17.86			29
COLUMN 2	1	15.43	15.37	15.51	43	46	4	
	2	15.53	15.47	15.61	57			
	3	17.05	16.96	17.10				
	4	17.96	17.90	18.04	40			
	5	19.05	19.00	19.14	43			
COLUMN 1	1							
	2							
	3							
	4							
	5							
COLUMN 2	1							
	2							
	3							
	4							
	5							

GENERAL TESTING CORPORATION/CHAIN-OF-CUSTODY RECORD # 023

710 Exchange Street Rochester, NY 14608 85 Trinity Place Hackensack, NJ 07601 435 Lawrence Bell Drive Amherst, NY 14221-7077 GTC Job No. 194/1123 R9 Client Project No. MY 5/1

Sample Origination & Shipping Information

Collection Site Schreck's Scrap Yard Address 55 Schreck St No. 10000000 NY 14150 Collector Frank Storchelski Print Signature Frank Storchelski

Bottles Prepared by GTC-Amherst Rec'd by Client Bottles Shipped to Client via Client Seal/Shipping # Samples Shipped via Click to Park office Seal Shipping # intact 2/11/94

Sample(s) Relinquished by:

Table with 3 columns: Relinquished by (Sign for), Received by (Sign for), Date/Time. Includes handwritten entries for Karen Kerner and GTC.

Sample(s) Received in Laboratory by 2/11/94 @ 09:15

Main data table with columns: Client ID.#, Sample Location, Date/Time, Analyte or Analyte Group(s) Required, Sample Prep (Preserved, Filtered), Bottle Set(s). Includes rows for CAR1, DP1, and DP2.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENTS ANALYTES

Lab Name: GENERAL TESTING CORP.

Contract: INN. SERVICES

ab Code: 10145

Case No.:

SAS No.:

SDG No.: GRID31

Instrument ID: HP5890A-C

GC Column: DB-608 ID: 0.53 (mm) Date(s) Analyzed: 12/10/93

INDIVIDUAL MIX A COMPOUND	CALIBRATION FACTORS			MEAN	%RSD
	LOW	MID	HIGH		
alpha-BHC	-----	87.0	-----	87.0	11.71
beta-BHC	-----	58.5	-----	58.5	14.59
delta-BHC	-----	82.5	-----	82.5	16.89
gamma-BHC(Lindane)	-----	97.0	-----	97.0	14.08
Heptachlor	-----	117	-----	117	16.03
Aldrin	-----	81.5	-----	81.5	18.09
Heptachlorepoxyde	-----	102	-----	102	21.86
Endosulfan I	-----	97.0	-----	97.0	24.13
Dieldrin	-----	85.3	-----	85.3	26.20
4,4'-DDE	-----	73.0	-----	73.0	25.98
Endrin	-----	77.5	-----	77.5	28.62
Endosulfan II	-----	77.8	-----	77.8	29.88
4,4'-DDD	-----	59.3	-----	59.3	29.72
Endosulfan Sulfate	-----	72.3	-----	72.3	32.97
4,4'-DDT	-----	69.0	-----	69.0	31.69
Methoxychlor	-----	38.5	-----	38.5	37.69
Endrin ketone	-----	70.5	-----	70.5	37.98
Endrin aldehyde	-----	58.8	-----	58.8	32.14
alpha-Chlordane	-----	103	-----	103	22.93
gamma-Chlordane	-----	106	-----	106	24.03

FORM VI PEST-2

3/90

000054

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: GENERAL TESTING CORP.

Contract: INN. SERVICES

Code: 10145

Case No.:

SAS No.:

SDG No.: GRID31

Column(1):DB-608 ID: 0.32(mm)

Initial. Calib. Dates(s): 12/10-/11/93

PA Sample No.(PIBLK):

Date Analyzed:

AB Sample ID.(PIBLK):

Time Analyzed:

PA Sample No.(PEM01): PEM01

Date Analyzed: 12/10/93

AB Sample ID.(PEM01): PEM01

Time Analyzed: 16:26

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	11.71	11.66	11.76	0.0094	0.0100	6.3
beta-BHC	14.59	14.54	14.64	0.0092	0.0100	7.7
gamma-BHC(Lindane)	14.08	14.03	14.13	0.0076	0.0100	23.9
Endrin	28.62	28.57	28.67	0.0373	0.0500	25.4
4,4'-DDT	31.69	31.64	31.74	0.0755	0.100	24.5
Methoxychlor	37.69	37.64	37.74	0.178	0.250	28.9

4,4'-DDT % BREAKDOWN (1): 11.7

Endrin % breakdown (1): 0.0

Combined % BREAKDOWN (1): 11.7

LIMITS:

%D of amounts in PEM must be less than or equal to 25.0 %

4,4'-DDT breakdown must be less than or equal to 20.0%

Endrin breakdown must be less than or equal to 30.0%.

Combined breakdown must be less than or equal to 30.0%

FORM VII PEST-1

000066

CASE NARRATIVE

Client: Innovative Services
Schreck's Scrap Yard
GTC Job#: R94/00395
SDG#: COMP1

PCB ANALYSIS

Two (2) soil samples were analyzed for PCB's using NYSDEC 91-3 CLP protocol which was modified to accommodate a PCB only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 (0.32 mm ID.) capillary column.

The following samples are associated with SDG#: CAR3

<u>EPA Sample ID</u>	<u>Laboratory ID</u>
CAR3	R94/0395-1
DS1	R94/0395-2
PBLK01	R94/0395-BLK01
PBLK01MS	R94/0395-RS
CAR3MS	R94/0395-1MS
CAR3MSD	R94/0395-1MSD

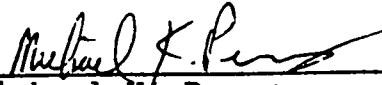
The recovery for the blank spike, matrix spike, and the matrix spike duplicate for this SDG were all within recommended QC limits. The RPD for the precision on the MS/MSD was also within recommended QC limits for PCB 1260.

All surrogate recoveries were within advisory limits for sample CAR3 but three of the four surrogate recoveries were outside of advisory limits for sample DS1.

Due to injector malfunction, the sample AR1242M01(01/31/94 21:57) did not inject and was re-analyzed later in the sequence (02/01/94 18:36).

No other QC or analytical problems were incurred during this analysis.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

2/22/94

Date

CASE NARRATIVE

Client: Innovative Services
Schreck's Scrap Yard
GTC Job#: R93/04974
SDG#: EUG

PCB ANALYSIS

One (1) soil sample was analyzed for PCB's using NYSDEC 91-3 CLP protocol which was modified to accommodate a PCB only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 (0.32 mm ID.) capillary column.

The following samples are associated with SDG#: EUG

<u>EPA Sample ID</u>	<u>Laboratory ID</u>
EUG	4974-1
PBLK01	-BLK01
PBLK01MS	-BLANK SPIKE
EUGMS	-1MS
EUGMSD	-1MSD

The recovery for the blank spike, matrix spike, and the matrix spike duplicate for this SDG were all within recommended QC limits. The RPD for the precision on the MS/MSD was within recommended QC limits for PCB 1254 but just outside the 30 % QC limit for PCB 1260 (33 %).

The recoveries for the surrogate TCX on column DB-17 for the QC samples EUGMS and EUGMSD were outside of advisory limits. All other surrogate recoveries were within advisory limits.

No other QC or analytical problems were incurred during this analysis.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

1/24/94

Date

Case Narrative

INNOVATIVE SERVICES

R93/4080

One(1) soil sample was analyzed for Aroclors using NYSDEC 91-3 CLP protocol which was modified to accommodate an Aroclor only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 medium bore (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 medium bore (0.32 mm ID.) capillary column.

The following samples are associated with SDG#: AREA6

EPA Sample ID	Laboratory ID Number
AREA6	-1 1/10
AREA6MS	-1MS 1/10
AREA6MSD	-1MSD 1/10
PBLK01	R93/4080-BLK01
PBLK01MS	-REF SPK

The recovery of the blk spike for this SDG was within recommended Q.C. limits. Due to high levels of Aroclor in the sample AREA6, the matrix spike and matrix spike duplicate could not be quantitated and were called diluted out. The % recoveries were flagged "D" on form III.

Due to a mixture of the Aroclors 1248 and 1254 in the sample AREA6, (R93/04080-1) and the analogous peaks which elute at the same retention time for each Aroclor, the number of peaks that could be used for quantitation was limited. In addition, there were matrix interferences in the sample AREA6. Due to these factors, only one peak could be used to quantitate AR1248 in the samples AREA6, AREA6MS, and AREA6MSD for the column DB-17.

The surrogate Tetrachloro-m-xylene was outside of recommended Q.C. limits for the samples AREA6, and AREA6MS for the column DB-17. The surrogate Decachlorobiphenyl was outside of recommended Q.C. limits for the samples AREA6, and AREA6MS for the column DB-17 and AREA6MS for DB-1701.

No further problems were incurred during this sequence.

000003

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

11/15/57

Date

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE PREPARATION AND ANALYSIS SUMMARY
 PCB
 ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
R94/0395-1	SOIL	02/07/94	02/08/94	02/08/94	02/09/94
R94/0395-2	SOIL	02/07/94	02/08/94	02/08/94	02/09/94

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5/91

00004

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R94/0395-1	SOIL	MODIFIED 91-3			1.0
R94/0395-2	SOIL	MODIFIED 91-3			2.0

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE IDENTIFICATION AND
 ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
EUG	R93/4974-1				X		

*Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R93/4974-1	SOIL	MODIFIED 91-3			1.0

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9/89

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements*					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
CAR1	R94/00420-1				X		
DP1	R94/00420-2				X		
DP2	R94/00420-3				X		

*Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE PREPARATION AND ANALYSIS SUMMARY
 PCB
 ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
R94-00420-1	SOIL	02/10/94	02/10/94	02/11/94	02/14/94
R94-00420-2	SOIL	02/10/94	02/10/94	02/11/94	02/14/94
R94-00420-3	SOIL	02/10/94	02/10/94	02/11/94	02/14/94

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Appendix I
Aqueous Sampling Results

WAYNE ANALYTICAL & ENVIRONMENTAL SERVICES, INC.

992 Old Eagle School Rd.
Wayne, PA 19087

(215) 688-7485

TEST REPORT

1 of 4

To:
Leggette Brashears & Graham Inc.
314 Exton Commons
Exton, PA 19341

WAS# : 10028
Sample received: 11/24/93
Report Date: 11/29/93

Sub: 1 Liquid Sample from Lawless N Tonawanda New York.
Client ID # : MW-3 (SCHRECK MW-4)
omw-3

List 624	Dilution Factor=1	
Parameter	MDL	Conc. ppb
1,2-DICHLOROPROPANE	1.0	ND
BROMODICHLOROMETHANE	1.0	ND
VINYL CHLORIDE	1.0	ND
2-CHLOROETHYL VINYL ETHER	1.0	ND
CHLOROETHANE	7.0	ND
TRANS-1,3-DICHLOROPROPENE	1.0	ND
1,1-DICHLOROETHENE	1.0	ND
TOLUENE	3.0	ND
TRANS-1,2-DICHLOROETHENE	1.0	ND
CIS-1,3-DICHLOROPROPENE	1.0	ND
CHLOROFORM	1.0	ND
1,2-DICHLOROBENZENE	1.0	ND
1,1,2-TRICHLOROETHANE	1.0	ND
CARBON TETRACHLORIDE	1.0	ND
DIBROMOCHLOROMETHANE	1.0	ND
1,2-DICHLOROETHANE	1.0	ND
TETRACHLOROETHENE	1.0	ND
CHLOROMETHANE	1.0	ND
CHLOROBENZENE	1.0	ND
TRICHLOROFLUOROMETHANE	6.0	ND
ETHYLBENZENE	1.0	ND
1,1-DICHLOROETHANE	1.0	ND
BROMOFORM	1.0	ND
BENZENE	1.0	ND
1,1,2,2-TETRACHLOROETHANE	1.0	ND
BROMOMETHANE	9.0	ND
1,3-DICHLOROBENZENE	1.0	ND
1,1,1-TRICHLOROETHANE	1.0	ND
METHYLENE CHLORIDE	3.0	ND
TRICHLOROETHENE	1.0	ND
1,4-DICHLOROBENZENE	1.0	ND
P & M XYLENE	1.0	ND
O XYLENE	1.0	ND

NOTE: * All values are in $\mu\text{g/L}$.
ND denotes non-detected or less than specified MDL.

TEST REPORT (Contd.)

WAS # 10028 - DMW3 (SCHRECK MW-4)

List 625

Preconcentration Factor=100

2 of 4

Parameter

MDL

Conc.
ppb

Parameter	MDL	Conc. ppb
BENZO(A)PYRENE	3.0	ND
BENZO(B)FLUORANTHENE	2.0	ND
1,3-DICHLOROBENZENE	2.0	ND
BENZO(G,H,I)PERYLENE	2.0	ND
2,4,5-TRICHLOROPHENOL	1.0	ND
BENZO(K)FLUORANTHENE	2.0	ND
2,4-DICHLOROPHENOL	4.0	ND
BENZYL ALCOHOL	2.0	ND
2,4-DINITROPHENOL	4.0	ND
BIS(2-CHLOROETHOXY)METHANE	2.0	ND
2,6-DICHLOROPHENOL	4.0	ND
BIS(2-CHLOROETHYL)ETHER	2.0	ND
2-CHLORONAPHTHALENE	2.0	ND
BIS(2-CHLOROISOPROPYL)ETHER	2.0	ND
2-METHYLNAPHTHALENE	2.0	ND
BIS(2-ETHYLHEXYL)PHTHALATE	47.0	ND
2-METHYL-4,6-DINITROPHENOL	4.0	ND
BUTYLBENZYLPHTHALATE	3.0	ND
2-NITROPHENOL	5.0	ND
CHRYSENE	2.0	ND
3-METHYLPHENOL	2.0	ND
DIBENZOFURAN	2.0	ND
4-BROMOPHENYL PHENYL ETHER	2.0	ND
DIBENZO(A,H)ANTHRACENE	2.0	ND
4-CHLOROPHENYL PHENYL ETHER	2.0	ND
DIETHYLPHTHALATE	2.0	ND
4-METHYLPHENOL	2.0	ND
DIMETHYLPHTHALATE	2.0	ND
4-NITROPHENOL	2.0	ND
DI-N-BUTYLPHTHALATE	20.0	ND
ACENAPTHENE	2.0	ND
DI-N-OCYTYLPHTHALATE	7.0	ND
AZOBENZENE	2.0	ND
FLUORANTHENE	2.0	ND
BENZO(A)ANTHRACENE	2.0	ND

TEST REPORT (Contd.)

List 625

3 of 4

WAS # 10028 -DMW3 (SCHRECK MW-4)

Parameter	MDL	Conc.
FLUORENE	2.0	ND
1,4-DICHLOROBENZENE	2.0	ND
HEXACHLOROBENZENE	2.0	ND
2,4-DIMETHYLPHENOL	6.0	ND
HEXACHLOROBUTADIENE	2.0	ND
ND2,6-DINITROTOLUENE	2.0	ND
HEXACHLOROCYCLOPENTADIENE	9.0	ND
2-METHYLPHENOL	2.0	ND
HEXACHLOROETHANE	2.0	ND
3,3'-DICHLOROBENZIDINE	5.0	ND
INDENO(1,2,3-CD)PYRENE	3.0	ND
4-CHLOROANILINE	2.0	ND
ISOPHORONE	2.0	ND
4-NITROANILINE	4.0	ND
NAPHTHALENE	1.0	ND
ANTHRACENE	1.0	ND
NITROBENZENE	2.0	ND
1,2,4-TRICHLOROBENZENE	2.0	ND
N-NITROSODIMETHYLAMINE	2.0	ND
2,4-DINITROTOLUENE	2.0	ND
N-NITROSODIPHENYLAMINE	2.0	ND
2-NITROANILINE	2.0	ND
N-NITROSODI-N-PROPYLAMINE	2.0	ND
4-CHLORO-3-METHYLPHENOL	3.0	ND
PENTACHLOROPHENOL	3.0	ND
BENZOIC ACID	6.0	ND
PHENANTHRENE	1.0	ND
2-CHLOROPHENOL	2.0	ND
PHENOL	2.0	ND
ACENAPHTHYLENE	2.0	ND
3-NITROANILINE	4.0	ND
2,4,6,-TRICHLOROPHENOL	2.0	ND
PYRENE	2.0	ND
1,2-DICHLOROBENZENE	2.0	ND
2,3,4,6 TETRACHLOROPHENOL	2.0	ND

NOTE: * All values are in µg/L.
 ND denotes non-detected or less than specified MDL.

TEST REPORT (Contd.)

4 of 4

WAS # 10028-DMW3 (SURRELL MW-4)

Parameter	EPA HW#	Method EPA-SW-846-	MDL	Conc.
TPHC-Modified		8015	0.2	ND

Priority Pollutant Disolved Metals

Contaminant	EPA HW#	Method	MDL	Limit	Conc.
		EPA-SW-846-			
Antimony		6010	0.05		ND
Arsenic	D004	6010	0.01	5.	ND
Beryllium		6010	0.003		ND
Cadmium	D006	6010	0.05	1.	ND
Chromium	D007	6010	0.1	5.	ND
Copper		6010	0.03		ND
Lead	D008	6010	0.5	5.	ND
Nickel		6010			ND
Selenium	D010	6010	0.01	1.	ND
Silver	D011	6010	0.1	5.	ND
Thallium		6010	0.05		ND
Zinc		6010			ND
Mercury	D009	7470	0.002	0.2	ND

* All values are in mg/Kg. or L
 ND denotes non-detected or less than specified MDL.

Rebecca A. Palat
 Rebecca A. Palat
 11/29/93

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE PREPARATION AND ANALYSIS SUMMARY
PCB
ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
R93/04080-1	SOIL	10/14/93	10/18/93	10/18/93	10/19/93

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5/91

000009

H-4
Data Validation Report No. 4
(Dated 9/7/94)

Data Validation Services

File 7B

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

TO: Camp Dresser & McKee

FROM: Judy Harry, Data Validation Services *J. Harry*

DATE: 09-07-94

RE: Validation of Schreck's Scrapyard Site No. 9-32-099 data packages
GTC Job Nos. R94/0041, R94/0215, and R94/0420
GTC SDG Nos. GCOMP3, CAR3, and CAR1

Review is complete for three data packages generated by General Testing Corporation pertaining to samples collected at the Schreck's Scrapyard Site. Soil and concrete samples, received in January and February 1994, were analysed for PCBs according to the NYSDEC ASP 91-3 method, modified for Aroclor-only analyses. Those samples validated from these delivery groups are GCOMP34, GS1, GE1, GN1, CAR1, CAR3, DP1, and DP2. Matrix spikes were performed and reviewed for samples CAR3, CAR1, and GCOMP3.

In summary, the analyses were conducted in compliance with the modified protocol, with any exceptions noted in the text below and on the attached compliancy chart. Copies of the laboratory case narratives and sample preparation/analysis summary forms are also attached to this narrative. Resubmission requests were made as regards clarification of sample storage, clarification of GTC Job No., and errors observed in reported summary forms. Copies of resubmission communications are attached to this report.

Edits and recommended qualifications to sample reported results are as follows:

1. The reported value of Aroclor 1260 in CAR1 (SDG CAR1) should be considered estimated due to inconsistencies in the results in the sample and its matrix spikes. The sample reported value is 910 ug/kg. Although 260 ug/kg was added to the matrix spikes, they recovered only 640 and 520 ug/kg, respectively. This may imply sample nonhomogeneity.
2. Due to cross-contribution of common isomer responses to the quantitated Aroclor values in samples GE1 and GN1, the reported Aroclor 1248, Aroclor 1254, and Aroclor 1260 detected values for the two samples should be considered estimated.

Other quality concerns not requiring edits to sample reported results are discussed below:

Holding times and method blank requirements were met for sample processing. Extended holding times before shipment (see resubmission discussions) did not result in an unacceptable delay in the timeframe from collection to extraction.

Sample surrogate recoveries were acceptable, with the exception of those elevated by PCB isomer contribution (GN1, and CAR1 and matrix spikes). The matrix spike blank associated with SDG GCOMP3 produced elevated recoveries for surrogate DCB (159% and 219%, above recommended limit of 150%). Sample reported results are unaffected.

The matrix spikes (Aroclor 1260) of samples CAR3 and GCOMP3 produced acceptable accuracy and precision values. Those of GCOMP3 were incorrectly spiked at ten times the required level. Matrix spike blank recoveries (of Aroclor 1260) for these delivery groups were good, at 94% to 106%. As discussed earlier, the matrix spikes of CAR1 were not consistent in recovery of Aroclor 1260.

Modified protocol criteria relating to system linearity, continuing calibration correlation, resolution, breakdown, sequence patterns, integration and calculation algorithms, etc. were reviewed, and found to be acceptable. Retention time outliers were observed for surrogate TCX in the matrix spike blank of SDG CAR1, and in the Aroclor 1221 standard and matrix spike in SDG GCOMP3. Sample reported results are unaffected.

COMPLIANCY CHART

Project: Schreck's Scrapyard
 SDG Nos: GTC SDG Nos. GCOMP3, CAR3, CAR1
 Protocol: Modified 1991 NYSDEC ASP

RecDate	SDG No.	Sample ID	Matrix	PCB	Noncompl
01-07-94	GCOMP3	GCOMP3	Soil	NO	1
01-07-94	GCOMP3	GS1	Concrete	NO	1
01-07-94	GCOMP3	GE1	Concrete	NO	1
01-07-94	GCOMP3	GN1	Concrete	NO	1
01-27-94	CAR3	CAR3	Soil	OK	
02-10-94	CAR1	CAR1	Soil	OK	
02-10-94	CAR1	DP1	Soil	OK	
02-10-94	CAR1	DP2	Soil	OK	

- Retention time outlier for surrogate TCX in associated standard and spikes (Method Modification, pg. 1).
 Incorrect spiking level for matrix spikes (Method Modification, pg. 1).

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

May 9, 1994

Karla Alvarez
Camp, Dresser & McKee
Raritan Plaza 1
Edison, NJ 08818

Dear Karla:

In addition to the facsimile request of 5-5-94, the following issues need response from the laboratory prior to completion of the review of the Schreck's Site data packages. Review is complete, pending the receipt of the laboratory resubmissions.

1. GTC Job No. R93/4080

- a. A four day lapse is present between sample collection and laboratory receipt. Please request that the laboratory provide an discussion of the sample conditions during this delay.
- b. The Forms 6F, which show calibration factors (CF) for the PCB mixtures, contain at least one error which relates directly to sample results (Aroclor 1254 at 12.87' on DB-1701) . This was detected during the course of validation review. As the explanation of this error is not obvious, and may be random in fashion, the laboratory should recheck all CF values and means, and recalculate any affected sample results (i.e. AREA6). Please request that they provide a written reassurance when this has been done.

2. GTC Job No. R94/0041

- a. A three day time lapse was present between the collection of sample COMP3 and the laboratory receipt (the collection date for this sample on the NYSDEC Sample Preparation and Analysis Summary Form is incorrect). No notations are provided to show the sample condition (i.e. cooler temp) at sample receipt. Please request that the lab forward any additional documentation that may be available.
- b. Please request that the lab provide a statement regarding matrix spike concentrations in the PLK01MS and sample matrix spikes of COMP3. Although the extraction log indicates otherwise, the concentrations appear to be tenfold above the required level. This is not discussed in the case narrative.

3. GTC Job No. R94/0395

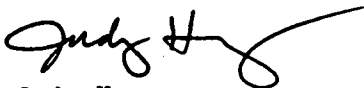
As has been observed in several the data packages for this project (as noted in the two previous validation reports), there have been (apparently random) errors in the software calculations for certain isomers in certain samples. These appear on the Forms 10B, and directly affect sample reported results. Review of the Form 10B values for sample CAR3 in this SDG shows an error in the result of the Aroclor 1260 isomer at 14.91' on DB-1701. Because these errors are not predictable, the lab should verify all reported isomer values and means for this delivery group, and provide a written assurance that this has been done.

4. GTC Job No. R94/0402

The chain-of-custody documentation for this group shows a GTC Job No. of R94/0423 rather than R94/0420. This appears in a couple of places on the form. The analysis sequence for the samples show that there were samples processed from both Job numbers. Please ask that the lab clarify the lab ID numbers for the samples reported in this delivery group, and provide a corrected custody form, if applicable.

Generation of the final two validation reports for the project can be done after the receipt of the lab responses. Please do not hesitate to contact me if any additional information is needed.

Very truly yours,



Judy Harry

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

FACSIMILE TRANSMISSION

Date: 5-5-94
To: Karla Alvarez (908) 25-
Company: CDM 7851
From: Judy Haney
Number of pages including cover: 1

Comments: RE: Schreck's Scrapyard Site
The following information was omitted from
the data packages. Please request that
the lab forward the documentation as
soon as possible in order that validation
can be completed:

- 1) GTC Project No: R94/0041 - the Standard Summary
Forms 6a F were omitted.
- 2) GTC Project No: R94/0420 - no raw data to
support % Moisture / % Solids was provided.

Thank you,

Judy Haney

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

FACSIMILE TRANSMISSION

Date: 5-17-94
To: Karla Alvarez
Company: CDM
From: Judy Harry
Number of pages including cover: 1

Comments: Re: Schreck's Site Data packages
My questions to ~~CDM~~^{GTC} regarding time lapses
from collection to lab receipt indicate that
the hold-up was not at the lab (- See
questions 1.a. and 2.a. in my letter to
you dated 5-9-94). I will need a statement
from the sampling team regarding the cause
of the delay, and the storage conditions
during the 3 + 4 day time lapses.

Thank you,
Judy

Data Validation Services

Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

August 2, 1994

Karla Alvarez
Camp Dresser & McKee
Raritan Plaza 1
Raritan Center
Edison, NY 08818

RE: Schreck's Scrapyard Site Project

Dear Karla:

In reference to the extended holding time prior to delivery of samples to the laboratory, there are serious concerns still outstanding. During the course of evaluating the situation, I asked Mark Monachino of General Testing to check the lab notes for sample receipt. He indicated that the samples were delivered by hand, and were not contained in coolers. This is not in accordance with proper sample handling, in which samples should be packed on ice following collection, until laboratory receipt. If it cannot be verified that the samples were stored in a chilled state, than all resultant reported values and detection limits are compromised, and must be qualified as estimated, possibly biased low. If the samplers do not provide documentation (such as a letter stating the conditions of storage and "shipment"), the lab will be contacted to provide an statement indicating the status of receipt of all project samples. The quality of the reported values/detection limits of the whole project may be affected.

Please contact me when a decision is made as to the available documentation from the sampling team.

Very truly yours,


Judy Harry

CDM

environmental engineers, scientists,
planners, & management consultants

August 5, 1994

CAMP DRESSER & McKEE

Raritan Plaza I
Raritan Center
Edison, New Jersey 08818
908 225-7000, Fax: 908-225-7851

Mr. Michael Marks
Contract Administrator
Innovative Services International, Inc.
5033 Transit Road
Depew, New York 14043

Project: New York State Department of Environmental Conservation
Schrecks Scrapyard Site No. 9-32-099
Building Demolition and Soil Removal
North Tonawanda, New York

Subject: Storage Location and Conditions of Samples Identified Under
GTC Job Nos. R93/4080 and R94/0041

Dear Mr. Marks:

Confirming our discussion of August 1, 1994, ISI is still in the process of obtaining clarification regarding the storage location and conditions of samples identified in CDM's requests dated May 23, 1994 and June 20, 1994. Since data validation of the deliverable packages cannot be completed without this information, CDM's schedule to produce a final report for the project has been impacted. Attached find a letter from CDM's data validation which stresses the importance of this information with regards to the integrity of the sample results presented. As stated in the attached letter, this outstanding documentation may affect the quality of the reported values for the whole project.

Payment corresponding to these samples shall continue to be withheld until the requested information has been provided. Kindly attend to this matter immediately.

Very truly yours,

CAMP DRESSER & McKEE



Karla Alvarez
Resident Engineer

Attachment

cc: M. Cruden (NYSDEC) ✓
J. Hyden (NYSDEC-9)
File: 5, 9

J. Harry (DVS)
J. Parr (CDM)

[m:/alvarez/marks.ltr1]



CDM
rec'd 9/1/94

File 5,9

August 15, 1994

Camp, Dresser and McKee
Raritan Plaza 1
Raritan Center
Edison, NJ. 08818

Attn: Karla Alvarez

Re: Schrecks Scrapyard
GTC Job Nos. R93/4080 and R94/0041

Dear Karla:

As per our discussion of August 1, 1994 regarding the storage location and conditions of the above referenced samples. I have spoken to Frank Stachelski on August 15, 1994, and he has confirmed that these samples were stored in the refrigerator within I.S.I.'s office trailer from the time the sample was taken to the time the sample was shipped, and was shipped in a cooler to the lab. During this time the trailer was manned with 24 hour security.

If you have any questions please contact me at your earliest convenience

Sincerely

Michael Marks
Innovative Services International

Post-It™ brand fax transmittal memo 7671		# of pages >	1
To	J Alvarez	From	K. Alvarez
Co.	CDM	Co.	CDM
Dept.	IS THIS LETTER AT LEAST 2 PAGES LONG	Project #	518 251-4429
Fax #	518 251-4429	Phone #	(908) 563-9069

INNOVATIVE SERVICES INTERNATIONAL

BUFFALO AREA: 5033 Transit Road ▲ Depew, NY 14043 ▲ (716) 681-3535 ▲ FAX (716) 681-5889
NEW YORK AREA: P.O. Box 302 ▲ Medford, NJ 08055 ▲ (609) 654-1561 ▲ FAX (609) 654-1660

Table I-1
Aqueous Sample Results
New York State Department Of Environmental Conservation
Schrecks Scrapyard Site No. 9-32-099

<i>Sample Number</i>	<i>Location</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Type Of Analysis</i>	<i>Results (ppm)</i>
1. Bailer - 003	BAILER	08/30/93	GTC	PCB91-3	10
2. Pond - 004	POND	08/30/93	GTC	PCB91-3	10

ABBREVIATIONS:

GTC - General Testing Corporation
PCB-91-3 - EPA Method 91-3

General
Testing
Corporation



A Full Service Environmental Laboratory

May 16, 1994

Ms. Judy Harry
Data Validation Services
Cobble Creek Road, P.O. Box 208
North Creek, New York 12853

Dear Ms. Harry:

The following are the responses and corrections to the Data Validation of reports for the Innovative Services/CDM Schreck's Scrapyard Site received by Fax at General Testing Corp. on May 11, 1994. Also included are the responses to the Data Validation sent to CDM on April 30, 1994 received by Fax at GTC on May 12, 1994. The items are addressed in the order cited.

Fax dated May 5, 1994

1. The missing Form 6Fs for R94/0041 are attached.
2. The missing % Solids raw data is attached.

Letter dated May 9, 1994

1. GTC Job No. R93/4080

- a. General Testing received the sample four days after the date sampled. Since General Testing did not perform the sampling for this project, no documentation for the sample condition prior to receipt is available.
- b. The Calibration Factors (CF) errors are random in nature, due to data entry errors. All CF values and means have been checked and a corrected copy of the Form 6F is attached. Sample results reported have not been affected by the errors.

2. GTC Job No. R94/0041

- a. As for Job No. R93/4080, General Testing received the sample three days after the date sampled. Since General Testing did not perform the sampling for this project, no documentation for the sample condition prior to receipt is available.

GENERAL TESTING CORPORATION

2. GTC Job No. R94/0041 (cont.)

- b. The samples were inadvertently spiked at a level tenfold above the required level. This fact should have been stated in the case narrative.

3. GTC Job No. R94/0395

- a. The Calibration Factors (CF) errors are random in nature, due to data entry errors. All CF values and means have been checked. Corrected copies of the Forms 1 and 10 for sample CAR3 (R93/0395-001) are attached. No other sample results were affected.

4. GTC Job No. R94/0420 (listed as 402 in Fax)


- a. The chain of custody form on page 6 of the SDG is incorrect. All other forms are correct, including the analysis sequence. A corrected chain of custody form is attached.

Fax dated May 12, 1994

- 1. The corrected Form 7D for SDG GRID31 is attached.
- 2. The raw data was incorrect. The column identification should have been DB-608. A corrected copy of the raw data is attached.

Thank you for the opportunity to reply to the Data Validations. If you have any other questions or concerns, feel free to call me at (716) 454-3760.

Sincerely,
GENERAL TESTING CORPORATION



Mark Monachino
QA Director

cc Ms. Karla Alvarez, CDM
Mr. Michael Marks, Innovative Services

6F
AROCLOR INITIAL CALIBRATION OF MULTI PEAK ANALYTES

Lab Name: GENERAL TESTING CORP.

Contract: INN. SERVICES

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: GCOMP3

Instrument ID: HP5890A-C

GC Column: DB-1701

ID: 0.32 (mm)

Date(s) Analyzed:

01/17-18/94

COMPOUND	RT	CALIBRATION FACTORS				%RSD
		LOW	MID	HIGH	MEAN	
AROCLOR 1016	9.50	0.351	0.290	0.262	0.301	15.1
AROCLOR 1016	11.45	1.05	0.916	0.874	0.947	9.7
AROCLOR 1016	11.77	0.564	0.476	0.430	0.490	13.9
AROCLOR 1016	12.79	0.598	0.470	0.440	0.503	16.7
AROCLOR 1016	13.01	0.500	0.428	0.404	0.444	11.3
AROCLOR 1221	9.02	0.140	0.131	0.115	0.129	10.0
AROCLOR 1221	9.53	0.392	0.328	0.301	0.340	13.8
AROCLOR 1221	10.46	0.127	0.112	0.102	0.114	11.1
AROCLOR 1221	11.47	0.116	0.101	0.096	0.104	9.9
AROCLOR 1221	12.81	0.057	0.043	0.040	0.047	19.8
AROCLOR 1232	9.51	0.392	0.312	0.287	0.330	16.6
AROCLOR 1232	10.45	0.368	0.290	0.260	0.306	18.2
AROCLOR 1232	11.46	0.511	0.432	0.408	0.450	12.0
AROCLOR 1232	11.78	0.272	0.220	0.204	0.232	15.3
AROCLOR 1232	13.02	0.244	0.204	0.192	0.213	12.8
AROCLOR 1242	9.50	0.288	0.234	0.212	0.245	16.0
AROCLOR 1242	11.45	0.874	0.742	0.692	0.769	12.2
AROCLOR 1242	11.77	0.470	0.378	0.343	0.397	16.5
AROCLOR 1242	12.79	0.512	0.392	0.355	0.420	19.6
AROCLOR 1242	13.01	0.460	0.386	0.352	0.399	13.8
AROCLOR 1248	10.44	0.318	0.258	0.227	0.268	17.3
AROCLOR 1248	11.45	0.570	0.506	0.469	0.515	9.9
AROCLOR 1248	12.79	0.716	0.594	0.529	0.613	15.5
AROCLOR 1248	13.01	0.566	0.506	0.459	0.510	10.5
AROCLOR 1248	15.02	0.298	0.266	0.244	0.269	10.1
AROCLOR 1254	12.22	0.513	0.402	0.352	0.422	19.5
AROCLOR 1254	15.02	0.895	0.828	0.752	0.825	8.7
AROCLOR 1254	15.36	0.518	0.470	0.419	0.469	10.6
AROCLOR 1254	15.51	0.575	0.552	0.499	0.542	7.2
AROCLOR 1254	16.55	0.833	0.762	0.697	0.764	8.9
AROCLOR 1260	14.05	0.331	0.282	0.259	0.291	12.7
AROCLOR 1260	15.36	0.791	0.630	0.574	0.665	16.9
AROCLOR 1260	15.81	0.902	0.738	0.672	0.771	15.4
AROCLOR 1260	16.54	1.11	1.00	0.959	1.02	7.6
AROCLOR 1260	18.06	0.998	0.946	0.915	0.953	4.4
TETRACHLORO-M-XYLENE	8.15	11.1	10.5	10.3	10.7	3.8
DECACHLOROBIPHENYL	22.77	13.3	11.1	10.3	11.5	13.2

* Surrogate calibration factors are measured from Aroclor 1260 standards.
 % RSD must be less than or equal 20.0 % for all compounds except the surrogates, where %RSD must be less than or equal to 30.0%.

AROCLOR INITIAL CALIBRATION OF MULTI PEAK ANALYTES

Lab Name: GENERAL TESTING CORP.

Contract: INN. SERVICES

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: GCOMP3

Instrument ID: HP5890A-C

GC Column: DB-17

ID: 0.32 (mm)

Date(s) Analyzed:

01/17-18/94

COMPOUND	RT	CALIBRATION FACTORS				%RSD
		LOW	MID	HIGH	MEAN	
AROCLOR 1016	10.17	0.507	0.400	0.365	0.424	17.4
AROCLOR 1016	12.39	0.729	0.578	0.540	0.616	16.2
AROCLOR 1016	13.48	0.736	0.582	0.541	0.620	16.6
AROCLOR 1016	13.76	0.415	0.344	0.323	0.361	13.4
AROCLOR 1016	14.37	0.491	0.384	0.366	0.414	16.3
AROCLOR 1221	7.87	0.252	0.208	0.182	0.214	16.5
AROCLOR 1221	9.65	0.197	0.173	0.161	0.177	10.5
AROCLOR 1221	10.18	0.461	0.392	0.359	0.404	12.9
AROCLOR 1221	11.18	0.188	0.160	0.135	0.161	16.6
AROCLOR 1221	12.03	0.154	0.136	0.130	0.140	8.7
AROCLOR 1232	9.65	0.150	0.131	0.121	0.134	11.0
AROCLOR 1232	10.18	0.492	0.406	0.361	0.420	15.9
AROCLOR 1232	11.18	0.524	0.406	0.361	0.430	19.6
AROCLOR 1232	12.40	0.303	0.264	0.240	0.269	11.8
AROCLOR 1232	13.48	0.265	0.270	0.244	0.260	5.3
AROCLOR 1242	10.17	0.392	0.308	0.281	0.327	17.7
AROCLOR 1242	12.02	0.818	0.718	0.994	0.843	16.6
AROCLOR 1242	12.40	0.559	0.444	0.410	0.471	16.6
AROCLOR 1242	14.18	0.577	0.474	0.436	0.496	14.7
AROCLOR 1242	14.80	0.431	0.376	0.356	0.388	10.0
AROCLOR 1248	11.17	0.445	0.362	0.315	0.374	17.6
AROCLOR 1248	12.74	0.825	0.674	0.599	0.699	16.5
AROCLOR 1248	13.48	0.812	0.674	0.603	0.696	15.3
AROCLOR 1248	14.04	0.785	0.656	0.591	0.677	14.6
AROCLOR 1248	14.18	0.872	0.750	0.681	0.768	12.6
AROCLOR 1254	13.48	0.268	0.260	0.232	0.253	7.5
AROCLOR 1254	14.04	0.440	0.360	0.328	0.376	15.3
AROCLOR 1254	15.40	0.723	0.612	0.555	0.630	13.6
AROCLOR 1254	15.63	1.53	1.25	1.13	1.30	15.8
AROCLOR 1254	16.16	0.790	0.628	0.553	0.657	18.4
AROCLOR 1260	15.61	0.776	0.602	0.557	0.645	17.9
AROCLOR 1260	16.62	0.558	0.456	0.434	0.483	13.7
AROCLOR 1260	16.98	0.889	0.688	0.630	0.736	18.5
AROCLOR 1260	17.19	1.20	0.986	0.923	1.04	14.0
AROCLOR 1260	18.58	1.94	1.67	1.34	1.65	18.2
TETRACHLORO-M-XYLENE	8.52	16.45	14.9	14.0	15.1	8.2
DECACHLOROBIPHENYL	25.47	16.50	12.8	11.5	13.6	19.2

* Surrogate calibration factors are measured from Aroclor 1260 standards.
 % RSD must be less than or equal 20.0 % for all compounds except the
 surrogates, where %RSD must be less than or equal to 30.0%.

05/18/94 15:05

87164541245

GENERAL TESTING

006/012

Fax dated May 5, 1994 Item 2

Weight Percent Solids

General Testing Corp.
710 Exchange St.
Rochester, N.Y. 14608

-2-

Analyst: B. Brown

Date: 2/11/94

"S" weight initial: 10.00 final: 10.00

Job Number	Client	Dish I.D.	Wet Weight (g)		Dry Weight (g)	Percent Solid
371-14	Dames ↓ Moore	9	11.76	Gross	10.76	90.2
			1.57	Tare	1.57	
			10.19	Diff.	9.19	
-14 Dup	↓	10	11.86	Gross	10.88	90.5
			1.57	Tare	1.57	
			10.29	Diff.	9.31	
372-3	"Mac" Arnie	11	1.58	Tare	1.58	81.9
			10.24	Diff.	8.39	
	CCB	12	/	Gross	1.58	—
			/	Tare	1.58	
			/	Diff.	0.00	
20-1	Inn. Serv.	13	11.67	Gross	8.12	64.9
			1.57	Tare	1.57	
			10.10	Diff.	6.55	
-1 Dup	↓	14	11.69	Gross	8.10	64.5
			1.58	Tare	1.58	
			10.11	Diff.	6.52	
-2	↓	15	11.84	Gross	8.11	74.4
			1.57	Tare	1.57	
			10.27	Diff.	7.64	
-3	↓	16	12.05	Gross	9.16	72.4
			1.58	Tare	1.58	
			10.47	Diff.	7.58	

000779

6F

AROCLOR INITIAL CALIBRATION OF MULTI PEAK ANALYTES

Lab Name: GENERAL TESTING CORP.

Contract: INN. SERVICES

Lab Code: 10145

Case No.:

SAS No.:

SDG No.: AREA6

Instrument ID: HP5890II-F

GC Column: DE-1701

ID: 0.32 (mm)

Date(s) Analyzed:

09/15-16/93

COMPOUND	RT	CALIBRATION FACTORS				%RSD
		LOW	MID	HIGH	MEAN	
AROCLOR 1016	10.84	2.03	1.81	1.72	1.85	8.6
AROCLOR 1016	11.45	5.47	4.38	4.01	4.62	16.4
AROCLOR 1016	12.13	7.59	6.12	5.43	6.38	17.3
AROCLOR 1016	12.88	5.49	4.18	3.81	4.49	19.6
AROCLOR 1016	13.21	3.45	2.92	2.66	3.01	13.4
AROCLOR 1221	8.88	2.28	1.91	1.85	2.01	11.4
AROCLOR 1221	9.32	4.92	4.02	3.61	4.18	16.0
AROCLOR 1221	10.12	1.60	1.38	1.29	1.42	11.0
AROCLOR 1221	10.61	0.700	0.718	0.725	0.714	1.8
AROCLOR 1221	10.99	2.01	1.85	1.78	1.88	6.1
AROCLOR 1232	8.88	1.28	1.39	1.17	1.28	8.4
AROCLOR 1232	9.32	4.63	3.64	2.99	3.75	22.0
AROCLOR 1232	11.26	2.92	2.72	2.44	2.69	9.0
AROCLOR 1232	12.32	2.63	2.76	2.55	2.66	11.0
AROCLOR 1242	9.32	3.40	2.56	2.39	2.78	19.4
AROCLOR 1242	10.51	1.77	1.41	1.35	1.51	15.0
AROCLOR 1242	10.99	14.0	10.5	9.76	11.4	19.7
AROCLOR 1242	12.13	6.25	4.98	4.82	5.35	14.6
AROCLOR 1242	12.89	7.75	6.92	6.83	7.17	7.1
AROCLOR 124E	10.12	4.54	3.38	3.39	3.77	17.7
AROCLOR 124E	11.26	3.35	3.08	2.59	3.01	12.8
AROCLOR 124E	12.32	7.70	6.88	5.61	6.73	15.6
AROCLOR 124E	13.70	1.74	1.46	1.22	1.47	17.7
AROCLOR 124E	15.08	1.91	1.71	1.52	1.71	11.4
AROCLOR 1254	12.13	3.20	2.72	2.29	2.74	16.6
AROCLOR 1254	12.88	12.6	10.6	8.53	10.6	19.2
AROCLOR 1254	13.70	3.39	2.98	2.36	2.91	17.8
AROCLOR 1254	14.05	11.10	9.44	7.40	9.31	19.9
AROCLOR 1254	15.34	9.22	7.44	6.22	7.63	19.8
AROCLOR 1260	15.04	3.00	2.34	2.23	2.52	16.5
AROCLOR 1260	15.34	10.1	8.02	7.42	8.51	16.5
AROCLOR 1260	15.98	4.57	3.50	3.20	3.76	19.2
AROCLOR 1260	17.09	10.9	8.90	8.46	9.42	13.8
AROCLOR 1260	18.33	2.38	2.08	1.94	2.13	10.5
TETRACHLORO-M-XYLENE	8.15	203	159	141	167	19.2
DECACHLOROBIPHENYL	19.44	107	83.5	76.9	89.1	17.8

* Surrogate calibration factors are measured from Aroclor 1260 standards.
 RSD must be less than or equal 20.0 % for all compounds except the
 surrogates, where %RSD must be less than or equal to 30.0%.

1D
 AROCLOR ORGANICS DATA SHEET

EPA SAMPLE NO.

CAR3

Name: General Testing

Contract: INN. SERV.

Lab Code: 10145

Case No.

SAS No.:

SDG No.: DS1

Matrix: (soil/water) SOIL

Lab Sample ID: R94/0395-001

Sample wt/vol: 30 (g/ml)g

Lab File ID:

% Moisture: 20 Decanted (Y/N): N

Date Received: 02/08/94

Extraction: (Sepi/Cont/Sonc) SONC

Date Extracted: 02/08/94

Concentrated Extract Volume: 10000 (ul)

Date Analyzed: 02/09/94

Injected Volume: 1.0 (ul)

Dilution Factor: 1

GPC Cleanup: (Y/N)N

pH: 8.4

Sulfur Cleanup: (Y/N) Y

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

CAS NO.	COMPOUND	UG/KG	Q
12674-11-2-----	Aroclor-1016	42	U
11104-28-2-----	Aroclor-1221	83	U
11141-16-5-----	Aroclor-1232	42	U
53469-21-9-----	Aroclor-1242	42	U
12672-29-6-----	Aroclor-1248	63	
1097-69-1-----	Aroclor-1254	42	U
1096-82-5-----	Aroclor-1260	44	

FORM I PCB
 NYSDEC B-76

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

CAR3

Name: General Testing

Contract: INN. SERV.

Lab Code: 10145

Case No.

SAS No.:

SDG No.: DS1

Lab Sample ID: R94/0395-001

Date Analyzed: 02/09/94

Instrument ID (1):5890II-F

Instrument ID: (2):5890II-F

GC Column(1):DB-1701

ID: 0.32(mm)

GC Column(2):DB-17

ID: 0.32(mm)

ANALYTE	PEAK	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%D
			FROM	TO			
AR1248 COLUMN 1	1	10.57	10.50	10.64	81	68	
	2	11.62	11.55	11.69	65		
	3	12.82	12.73	12.87	80		
	4	12.98	12.91	13.05	44		
	5	14.40	14.34	14.48			
COLUMN 2	1	11.87	11.81	11.95	59	63	8
	2	12.64	12.57	12.71	58		
	3	13.78	13.72	13.86	36		
	4	14.68	14.62	14.76	31		
	5	15.19	15.13	15.27	130		
AR1260 COLUMN 1	1	14.91	14.84	14.98	59	44	
	2	15.86	15.75	15.89			
	3	16.19	16.12	16.26	37		
	4	16.72	16.66	16.80	51		
	5	17.78	17.72	17.86	29		
COLUMN 2	1	15.43	15.37	15.51	43	46	4
	2	15.53	15.47	15.61	57		
	3	17.05	16.96	17.10			
	4	17.96	17.90	18.04	40		
	5	19.05	19.00	19.14	43		
COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

05/18/94 15:08 7164541245

GENERAL TESTING

010/012

GENERAL TESTING CORPORATION/CHAIN-OF-CUSTODY RECORD # 073

710 Exchange Street Rochester, NY 14608 85 Trinity Place Hackensack, NJ 07601 435 Lawrence Bell Drive Amherst, NY 14221-7077 GTC Job No. 194/11/94 R9 Client Project No. _____

Sample Origination & Shipping Information

Collection Site Schreck's scrap yard Address 55 Schenk ST No. 10000000 NY 14150 Street City State Collector Frank Stochelski Print Signature Frank Stochelski

Bottles Prepared by GTC-Amherst Rec'd by Client Bottles Shipped to Client via Client Seal/Shipping # Samples Shipped via Click to Park office Seal/Shipping # intact 79 2/11/94

Sample(s) Relinquished by:

Table with 3 columns: Sign for, Received by, Date/Time. Rows include signatures for Paul Kremen, D. Jamush, and GTC.

Sample(s) Received in Laboratory by

2/11/94 @ 09:15

Main data table with columns: Client ID.#, Sample Location, Date/Time, Analyte or Analyte Group(s) Required, Sample Prep (Preserved/Filtered), Bottle Set(s). Rows include CAR1, DP1, and DP2.

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENTS ANALYTES

Lab Name: GENERAL TESTING CORP.

Contract: INN. SERVICES

ab Code: 10145

Case No.:

SAS No.:

SDG No.: GRID31

Instrument ID: HP5890A-C

GC Column: DB-608 ID: 0.53 (mm) Date(s) Analyzed: 12/10/93

INDIVIDUAL MIX A COMPOUND	CALIBRATION FACTORS			MEAN	%RSD
	LOW	MID	HIGH		
alpha-BHC	-----	87.0	-----	87.0	11.71
beta-BHC	-----	58.5	-----	58.5	14.59
delta-BHC	-----	82.5	-----	82.5	16.89
gamma-BHC(Lindane)	-----	97.0	-----	97.0	14.08
Heptachlor	-----	117	-----	117	16.03
Aldrin	-----	81.5	-----	81.5	18.09
Heptachlorepoide	-----	102	-----	102	21.86
Endosulfan I	-----	97.0	-----	97.0	24.13
Dieldrin	-----	85.3	-----	85.3	26.20
4,4'-DDE	-----	73.0	-----	73.0	25.98
Endrin	-----	77.5	-----	77.5	28.62
Endosulfan II	-----	77.8	-----	77.8	29.88
4,4'-DDD	-----	59.3	-----	59.3	29.72
Endosulfan Sulfate	-----	72.3	-----	72.3	32.97
4,4'-DDT	-----	69.0	-----	69.0	31.69
Methoxychlor	-----	38.5	-----	38.5	37.69
Endrin ketone	-----	70.5	-----	70.5	37.98
Endrin aldehyde	-----	58.8	-----	58.8	32.14
alpha-Chlordane	-----	103	-----	103	22.93
gamma-Chlordane	-----	106	-----	106	24.03

000054

7D
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: GENERAL TESTING CORP. Contract: INN. SERVICES
 Code: 10145 Case No.: SAS No.: SDG No.: GRID31
 Column(1):DB-608 ID: 0.32(mm) Initial. Calib. Dates(s): 12/10-/11/93
 PA Sample No.(PIBLK): Date Analyzed:
 AB Sample ID.(PIBLK): Time Analyzed:
 PA Sample No.(PEM01): PEM01 Date Analyzed: 12/10/93
 AB Sample ID.(PEM01): PEM01 Time Analyzed: 16:26

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	11.71	11.66	11.76	0.0094	0.0100	6.3
beta-BHC	14.59	14.54	14.64	0.0092	0.0100	7.7
gamma-BHC(Lindane)	14.08	14.03	14.13	0.0076	0.0100	23.9
Endrin	28.62	28.57	28.67	0.0373	0.0500	25.4
4,4'-DDT	31.69	31.64	31.74	0.0755	0.100	24.5
Methoxychlor	37.69	37.64	37.74	0.178	0.250	28.9

4,4'-DDT % BREAKDOWN (1): 11.7 Endrin % breakdown (1): 0.0
 Combined % BREAKDOWN (1): 11.7

LIMITS:
 %D of amounts in PEM must be less than or equal to 25.0 %
 4,4'-DDT breakdown must be less than or equal to 20.0%
 Endrin breakdown must be less than or equal to 30.0%.
 Combined breakdown must be less than or equal to 30.0%

FORM VII PEST-1

000066

CASE NARRATIVE

Client: Innovative Services
Shreck's Scrapyard
GTC Job#: R94/00041
SDG#: GCOMP3

PCB ANALYSIS

One soil and three concrete samples were analyzed for PCB's using NYSDEC 91-3 ASP protocol which was modified to accommodate a PCB only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 (0.32 mm ID.) capillary column.

The following samples are associated with SDG# GCOMP3:

<u>EPA Sample ID</u>	<u>Laboratory ID</u>
GCOMP3	R94/0041-1
GS1	R94/0041-2
GE1	R94/0041-3
GN1	R94/0041-4
PBLK01	R94/0041-BLK01
PBLK01MS	R94/0041-RS
GCOMP3MS	R94/0041-1MS
GCOMP3MSD	R94/0041-1MSD

The samples GE1 (R94/00041-3) and GN1 (R94/00041-4) had insufficient sample to use 30 grams initial weight (as specified per protocol) which changed the sample detection limits.

The sample PBLK01MS had the surrogate recoveries for DCB outside of advisory QC limits on both GC columns. The samples GCOMP3MS (R94/00041-1) and GN1 (R94/00041-4) had the surrogate recovery for DCB outside of advisory QC limits on one of the two columns.

The matrix spike, matrix spike duplicate and blank spike recoveries and the % RPD data were all within advisory QC limits.

The surrogate Tetrachloro-m-xylene was outside of the established retention time window for the samples PBLK01MS and GCOMP3MS on the column DB-1701, however all other surrogates were within the established retention time windows, all individual Aroclor peaks fell within established windows, and positive identification of Aroclor peaks was obtained through individual fingerprints.

No other QC or analytical problems were incurred during this analysis.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

2/8/94

Date

CASE NARRATIVE

Client: Innovative Services
Schreck's Scrap Yard
GTC Job#: R94/00215
SDG#: CAR3

PCB ANALYSIS

One (1) soil sample was analyzed for PCB's using NYSDEC 91-3 CLP protocol which was modified to accommodate a PCB only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 (0.32 mm ID.) capillary column.

The following samples are associated with SDG#: CAR3

<u>EPA Sample ID</u>	<u>Laboratory ID</u>
CAR3	R94/0215-1
PBLK01	R94/0215-BLK
PBLK01MS	R94/0215-RS
CAR3MS	R94/0215-1MS
CAR3MSD	R94/0215-1MSD

The recovery for the blank spike, matrix spike, and the matrix spike duplicate for this SDG were all within recommended QC limits. The RPD for the precision on the MS/MSD was also within recommended QC limits for PCB 1260.

All surrogate recoveries were within advisory limits.

In the initial calibration, the sample AR1242M01 had a bad injection, and was substituted for after the third calibration check. There were no positive identifications for AR1242 associated with this SDG.

No other QC or analytical problems were incurred during this analysis.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

2/22/84

Date

CASE NARRATIVE

Client: Innovative Services
Schreck's Scrap Yard
GTC Job#: R94/00420
SDG#: CAR1

PCB ANALYSIS

Three (3) soil samples were analyzed for PCB's using NYSDEC 91-3 CLP protocol which was modified to accommodate a PCB only analysis. The analysis was conducted on one instrument with one injection and split into a dual column, dual electron capture detector system. The first analysis was conducted on a DB-1701 (0.32 mm ID) capillary column. The second was conducted concurrently on a DB-17 (0.32 mm ID.) capillary column. The following samples are associated with SDG# CAR1:

<u>EPA Sample ID</u>	<u>Laboratory ID</u>
CAR1	R94/0420-1
DP1	R94/0420-2
DP2	R94/0420-3
PBLK01	R94/0420-BLK01
PBLK01MS	R94/0420-RS
CAR1MS	R94/0420-1MS
CAR1MSD	R94/0420-1MSD

Due to varying high levels of Arochlor 1260 detected in sample CAR1, it was analyzed at a 1/5 dilution and the matrix spike and matrix spike duplicate recoveries for 1260 were outside of recommended QC limits. The %RPD for the MS/MSD and the blank spike recoveries were within recommended QC limits.

Due to high levels of Arochlor 1260, the samples DP1 and DP2 were analyzed at dilutions and the surrogate recoveries were diluted out and have been flagged with a "D".

The samples CAR1, CAR1MS, and CAR1MSD had the surrogate recovery for DCB outside of advisory QC limits on at least one of the two columns.

The surrogate Tetrachloro-m-xylene was outside of the established retention time window for the sample PBLK01MS. All other surrogates were within established retention time windows.

No further problems were incurred during this sequence.

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 hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Michael K. Perry
Laboratory Director

2/28/94

Date

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE IDENTIFICATION AND
 ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements* NYSDEC 1991 CLP PROTOCOL					
		*VOA GC/MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
GCOMP3	R934/00041-1				X		
GS1	R934/00041-2				X		
GE1	R934/00041-3				X		
GN1	R934/00041-4				X		

*Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE PREPARATION AND ANALYSIS SUMMARY
 PCB
 ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
R94/00041-1	SOIL	01/06/94	01/07/94	01/11/94	01/18/94
R94/00041-2	SOLID	01/06/94	01/07/94	01/11/94	01/18/94
R94/00041-3	SOLID	01/06/94	01/07/94	01/11/94	01/18/94
R94/00041-4	SOLID	01/06/94	01/07/94	01/11/94	01/18/94

NCF5

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R93/00041-1	SOIL	MODIFIED 91-3			1.0
R93/00041-2	SOLID	MODIFIED 91-3			1.0
R93/00041-3	SOLID	MODIFIED 91-3			1.0
R93/00041-4	SOLID	MODIFIED 91-3			5.0

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 SAMPLE IDENTIFICATION AND
 ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements*					
		NYSDEC 1991 CLP PROTOCOL					
		*VOA GC MS	*BNA GC/MS	*VOA GC	*PEST PCB	*METALS	*OTHER
CAR3	R94/00215-1				X		

*Check Appropriate Boxes

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY

ORGANIC ANALYSES

SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILARY CLEAN UP	DIL/CONC FACTOR
R94/0215-1	SOIL	MODIFIED 91-3			1.0

WAYNE ANALYTICAL & ENVIRONMENTAL SERVICES, INC.

992 Old Eagle School Rd.
Wayne, PA 19087

(215) 688-7485

TEST REPORT

1 of 4

To:
Leggette Brashears & Graham Inc.
314 Exton Commons
Exton, PA 19341

WAS# : 10029
Sample received: 11/24/93
Report Date: 11/29/93

Sub: 1 Liquid Sample from Lawless N Tonawanda New York.
Client ID # : DMW-4 (SCHRECK MW-3)

List 624 Parameter	Dilution Factor=1 MDL	Conc. ppb
1,2-DICHLOROPROPANE	1.0	ND
BROMODICHLOROMETHANE	1.0	ND
VINYL CHLORIDE	1.0	ND
2-CHLOROETHYL VINYL ETHER	1.0	ND
CHLOROETHANE	7.0	ND
TRANS-1,3-DICHLOROPROPENE	1.0	ND
1,1-DICHLOROETHENE	1.0	ND
TOLUENE	3.0	ND
TRANS-1,2-DICHLOROETHENE	1.0	ND
CIS-1,3-DICHLOROPROPENE	1.0	ND
CHLOROFORM	1.0	ND
1,2-DICHLOROBENZENE	1.0	ND
1,1,2-TRICHLOROETHANE	1.0	ND
CARBON TETRACHLORIDE	1.0	ND
DIBROMOCHLOROMETHANE	1.0	ND
1,2-DICHLOROETHANE	1.0	ND
TETRACHLOROETHENE	1.0	ND
CHLOROMETHANE	1.0	ND
CHLOROBENZENE	1.0	ND
TRICHLOROFLUOROMETHANE	6.0	ND
ETHYLBENZENE	1.0	ND
1,1-DICHLOROETHANE	1.0	ND
BROMOFORM	1.0	ND
BENZENE	1.0	ND
1,1,2,2-TETRACHLOROETHANE	1.0	ND
BROMOMETHANE	9.0	ND
1,3-DICHLOROBENZENE	1.0	ND
1,1,1-TRICHLOROETHANE	1.0	ND
METHYLENE CHLORIDE	3.0	ND
TRICHLOROETHENE	1.0	ND
1,4-DICHLOROBENZENE	1.0	ND
P & M XYLENE	1.0	ND
O XYLENE	1.0	ND

NOTE: * All values are in $\mu\text{g/L}$.
ND denotes non-detected or less than specified MDL.

TEST REPORT (Contd.)

WAS # 10029 - DMW4 (SAREK MW-3)

List 625

Preconcentration Factor=100

2 of 4

Parameter	MDL	Conc. ppb
BENZO(A)PYRENE	3.0	ND
BENZO(B)FLUORANTHENE	2.0	ND
1,3-DICHLOROBENZENE	2.0	ND
BENZO(G,H,I)PERYLENE	2.0	ND
2,4,5-TRICHLOROPHENOL	1.0	ND
BENZO(K)FLUORANTHENE	2.0	ND
2,4-DICHLOROPHENOL	4.0	ND
BENZYL ALCOHOL	2.0	ND
2,4-DINITROPHENOL	4.0	ND
BIS(2-CHLOROETHOXY)METHANE	2.0	ND
2,6-DICHLOROPHENOL	4.0	ND
BIS(2-CHLOROETHYL)ETHER	2.0	ND
2-CHLORONAPHTHALENE	2.0	ND
BIS(2-CHLOROISOPROPYL)ETHER	2.0	ND
2-METHYLNAPHTHALENE	2.0	ND
BIS(2-ETHYLHEXYL)PHTHALATE	47.0	ND
2-METHYL-4,6-DINITROPHENOL	4.0	ND
BUTYLBENZYLPHTHALATE	3.0	ND
2-NITROPHENOL	5.0	ND
CHRYSENE	2.0	ND
3-METHYLPHENOL	2.0	ND
DIBENZOFURAN	2.0	ND
4-BROMOPHENYL PHENYL ETHER	2.0	ND
DIBENZO(A,H)ANTHRACENE	2.0	ND
4-CHLOROPHENYL PHENYL ETHER	2.0	ND
DIETHYLPHTHALATE	2.0	ND
4-METHYLPHENOL	2.0	ND
DIMETHYLPHTHALATE	2.0	ND
4-NITROPHENOL	2.0	ND
DI-N-BUTYLPHTHALATE	20.0	ND
ACENAPTHENE	2.0	ND
DI-N-OCYTYLPHTHALATE	7.0	ND
AZOBENZENE	2.0	ND
FLUORANTHENE	2.0	ND
BENZO(A)ANTHRACENE	2.0	ND

TEST REPORT (Contd.)

List 625

3 of 4

WAS # 10029 -DMW4 (SCHRECK mlw-3)

Parameter	MDL	Conc.
FLUORENE	2.0	ND
1,4-DICHLOROBENZENE	2.0	ND
HEXACHLOROBENZENE	2.0	ND
2,4-DIMETHYLPHENOL	6.0	ND
HEXACHLOROBUTADIENE	2.0	ND
ND2,6-DINITROTOLUENE	2.0	ND
HEXACHLOROCYCLOPENTADIENE	9.0	ND
2-METHYLPHENOL	2.0	ND
HEXACHLOROETHANE	2.0	ND
3,3'-DICHLOROBENZIDINE	5.0	ND
INDENO(1,2,3-CD)PYRENE	3.0	ND
4-CHLOROANILINE	2.0	ND
ISOPHORONE	2.0	ND
4-NITROANILINE	4.0	ND
NAPHTHALENE	1.0	ND
ANTHRACENE	1.0	ND
NITROBENZENE	2.0	ND
1,2,4-TRICHLOROBENZENE	2.0	ND
N-NITROSODIMETHYLAMINE	2.0	ND
2,4-DINITROTOLUENE	2.0	ND
N-NITROSODIPHENYLAMINE	2.0	ND
2-NITROANILINE	2.0	ND
N-NITROSODI-N-PROPYLAMINE	2.0	ND
4-CHLORO-3-METHYLPHENOL	3.0	ND
PENTACHLOROPHENOL	3.0	ND
BENZOIC ACID	6.0	ND
PHENANTHRENE	1.0	ND
2-CHLOROPHENOL	2.0	ND
PHENOL	2.0	ND
ACENAPHTHYLENE	2.0	ND
3-NITROANILINE	4.0	ND
2,4,6,-TRICHLOROPHENOL	2.0	ND
PYRENE	2.0	ND
1,2-DICHLOROBENZENE	2.0	ND
2,3,4,6 TETRACHLOROPHENOL	2.0	ND

NOTE: * All values are in µg/L.

ND denotes non-detected or less than specified MDL.

TEST REPORT (Contd.)

4 of 4

WAS # 10029-DMW4 (SCHRECK MW-3)

Parameter	EPA HW#	Method EPA-SW-846-	MDL	Conc.
TPHC-Modified		8015	0.2	ND

Priority Pollutant Disolved Metals

Contaminant	EPA HW#	Method EPA-SW-846-	MDL	Limit	Conc.
Antimony		6010	0.05		ND
Arsenic	D004	6010	0.01	5.	ND
Beryllium		6010	0.003		ND
Cadmium	D006	6010	0.05	1.	ND
Chromium	D007	6010	0.1	5.	ND
Copper		6010	0.03		0.01
Lead	D008	6010	0.5	5.	0.02
Nickel		6010			ND
Selenium	D010	6010	0.01	1.	ND
Silver	D011	6010	0.1	5.	ND
Thallium		6010	0.05		ND
Zinc		6010			0.32
Mercury	D009	7470	0.002	0.2	ND

* All values are in mg/Kg.or L
ND denotes non-detected or less than specified MDL.

Rebecca A. Palat
Rebecca A. Palat
11/29/93

Appendix J
Groundwater MW Drilling Logs

J-1 MW-5R
J-2 MW-6R

TECHNICAL DRILLING SERVICES

Auger • Coring • Monitoring Wells
531 North Davis Road
Elma, New York 14059
(716) 652-7858

Client: ISI

MW#5R

Start: July 5, 1994

Project No.: 09421

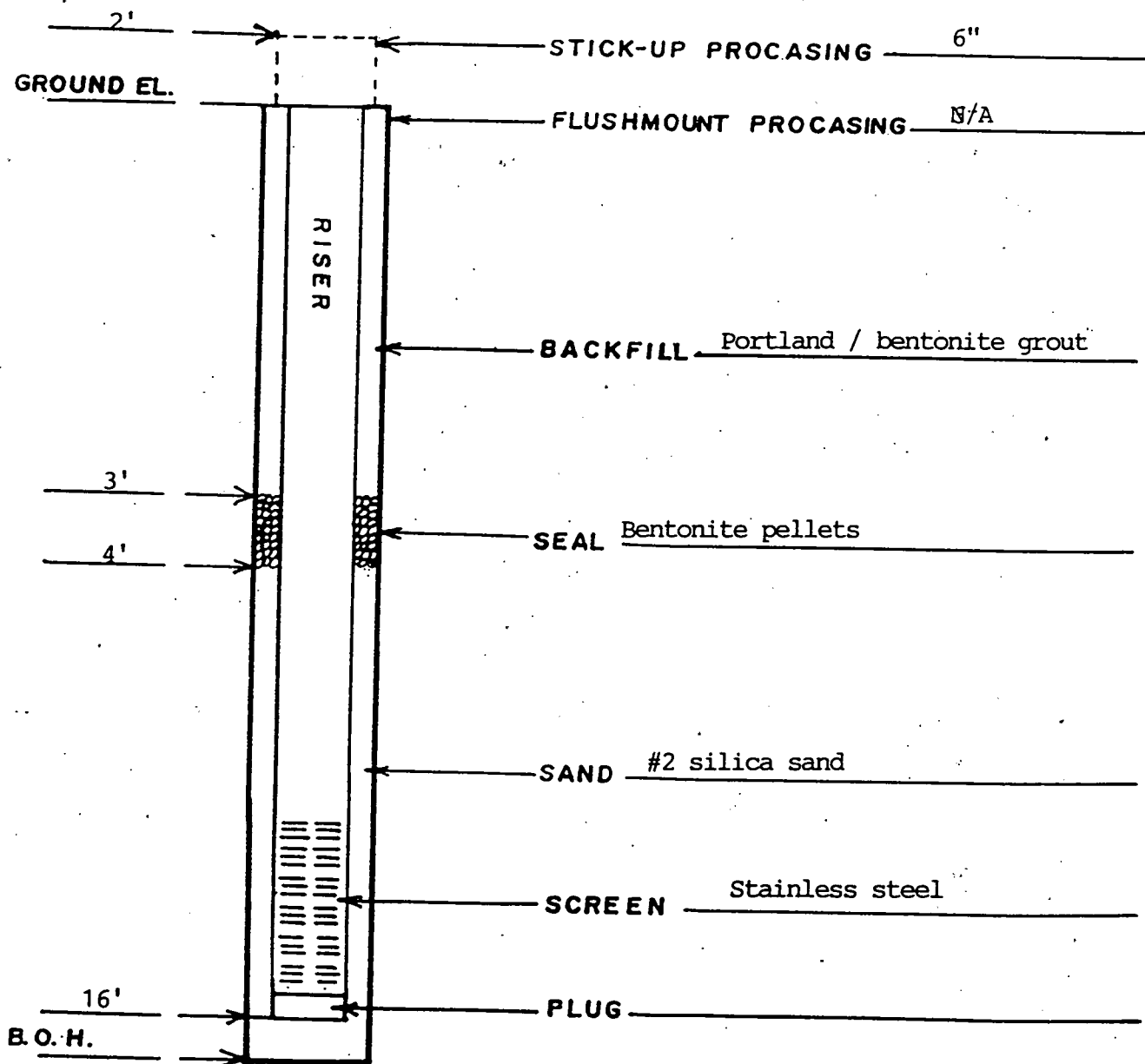
Completed: July 5, 1994

Boring No.: B-2

S.S

Well: 2" - Sch. 304

Page 2 of 2



TECHNICAL DRILLING SERVICES

531 N. DAVIS RD.
ELMA, N.Y. 14059

HOLE NO. B-2 MW#5R
ELEV. _____

DRILLING LOG

Client ISI MW#5R
Project Schrek Wrecking Yard Project No. 09421
Location Schenk Road, Tonowanda, N.Y.

Date: Started 7-5-94 Completed 7-5-94 Driller C Rengert
Sampler: Dia 2 ins. Type SS Hammer Wt. 140 lbs. Fall 30 ins.
Casing: Dia _____ ins. Type _____ Hammer Wt. _____ lbs. Fall _____ ins.
Water/Mud used in drilling Yes _____ No X Other _____

Page 1 of 2 (well diagram)

Depth (Ft.)	Material Description	Sample		Blows/0.5'	N	R ₆₂ (U)
		No	Depth			
4'	Very stiff, gray to black, silt and fine to very fine sand, moist	1	4-6	8-7-8-9	15	2
6.5'		2	6-8	10-22-22-20	44	1.5
8'	Dense, gray, coarse to fine sand, little silt, damp	3	8-10	4-7-8-8	15	1.3
		4	10-12	4-5-7-10	12	1.5
11'	Very stiff, brown, silt, some fine to very fine sand, wet	5	12-14	10-12-15-14	27	1.8
		6	14-16	4-5-6-7	11	1.7
BOH 16'						

Water Depth: During Drilling _____ Ft.; Upon Compl. _____ Ft.; _____ Hrs. after Compl. _____ Ft.

Weather/Remarks: _____

TECHNICAL DRILLING SERVICES

HOLE NO. B-1 MW#6R
ELEV. _____

531 N. DAVIS RD.
ELMA, N.Y. 14059

DRILLING LOG

Client ISI MW#6R
Project Schrek Wrecking Yard Project No. 09421
Location Schenk Road, Tonowanda, New York

Date: Started 7-5-94 Completed 7-5-94 Driller C. Rengert
Sampler: Dia 2 ins. Type SS Hammer Wt. 140 lbs. Fall 30 ins.
Casing: Dia _____ ins. Type _____ Hammer Wt. _____ lbs. Fall _____ ins.
Water/Mud used in drilling Yes _____ No X Other _____

Page 1 of 2 (well diagram)

Depth (Ft.)	Material Description	Sample		Blows/0.5'	N	Rec (ft.)
		No	Depth			
0	Medium dense, brown, silt, little fine to very fine sand, trace fine gravel damp	1	0-2	13-14-10-8	24	1.6
		2	2-4	5-12-19- <u>50</u>	<u>50</u>	∅
7'	cobble @ 5'			<u>.4</u>	<u>.4</u>	
		3	4-6	5 4-6-6	10	1.6
10.5'	Very stiff, gray to brown, silt, little fine to very fine sand, wet	4	6-8	6-8-8-9	16	1.6
		5	8-10	5-2-2-5	4	2
11.6'	Loose, gray, fine gravel, some coarse to fine sand, little silt, saturated	6	10-12	5-4-4-7	8	2
		7	12-14	3-4-6-6	10	1.7
	8	14-16	6-8-7-6	15	1.1	
BOH 16'						

Water Depth: During Drilling _____ Ft.; Upon Compl. _____ Ft.; _____ Hrs. after Compl. _____ Ft.

Weather/Remarks: _____

TECHNICAL DRILLING SERVICES

Auger • Coring • Monitoring Wells
531 North Davis Road
Elma, New York 14059
(716) 652-7858

Client: ISI *MW#6R*

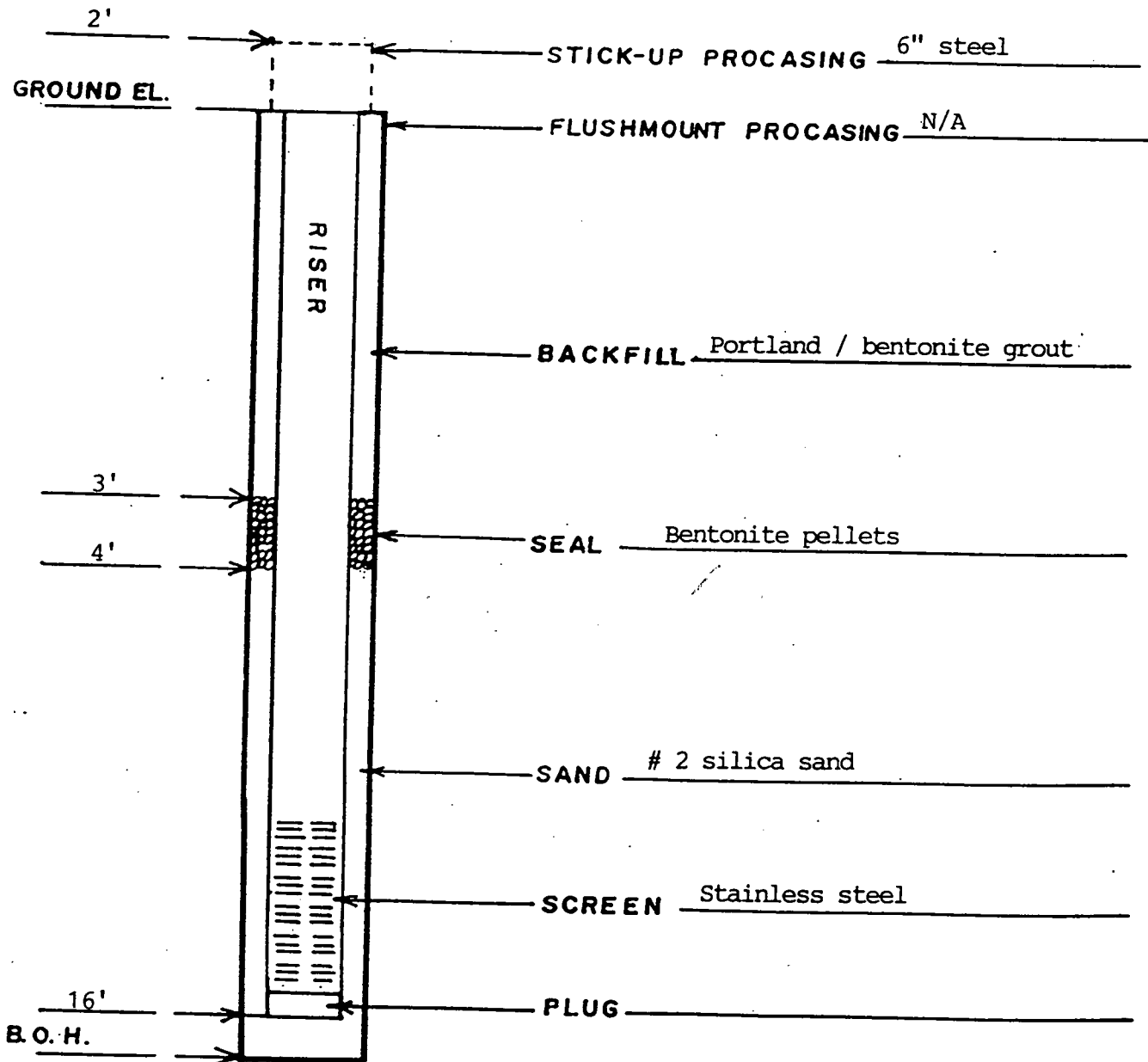
Start: July 5, 1994

Project No: 09421

Completed: July 5, 1994

Boring No.: B-1

Well: "- Sch.



Appendix K
Nonhazardous Liquid Disposal Records

Table K-1
Non-Hazardous Liquids Disposal Record
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

<i>Date Sampled</i>	<i>Disposal Company</i>	<i>Truck ID Number</i>	<i>Manifest Number</i>	<i>Destination</i>	<i>Pay Loads (Gallons)</i>
10/21/93	FVS	80350VNY	1-277605	CECOS	5,500
10/22/93	FVS	80350VNY	2-277609	CECOS	5,070
10/22/93	FVS	80350VNY	3-277609	CECOS	5,070
10/26/93	FVS	80350VNY	4-277613	CECOS	5,070
11/09/93	FVS	86036DNY	5-277636	CECOS	2,500
11/30/93	FVS	PD512ONY	6-277663	CECOS	4,000
01/07/94	FVS	N/A	8-277732	CECOS	1,228
01/12/94	FVS	86036DNY	9-277739	CECOS	748

ABBREVIATIONS:

CECOS - Cecos International Inc., Niagra Falls, New York
 FVS - Frank Vacuum Service
 N/A - Not Available

Appendix L
Concrete Chip Sampling Results

Table L-1
Concrete Chip Sample Results
 New York State Department Of Environmental Conservation
 Schrecks Scrapyard Site No. 9-32-099

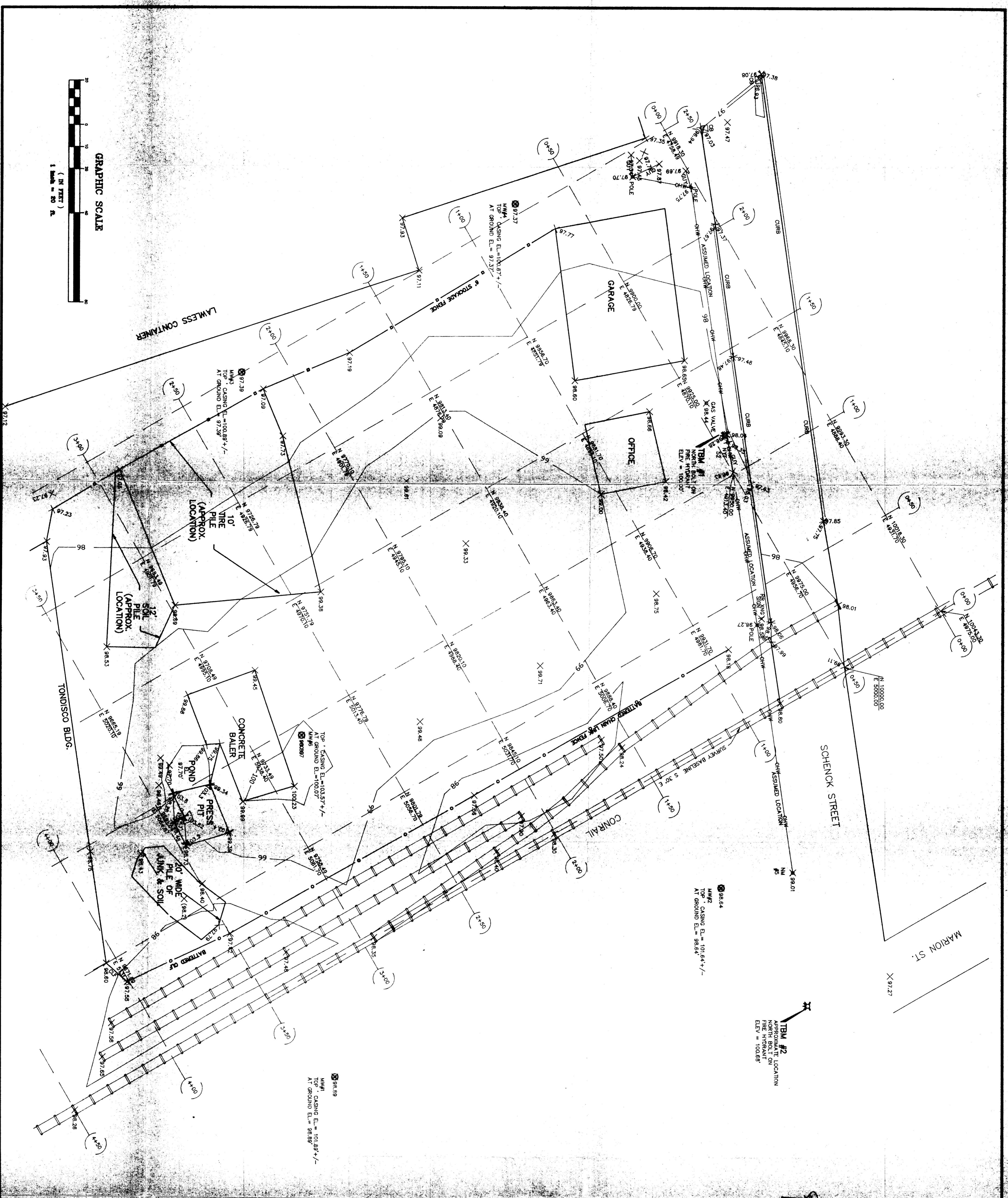
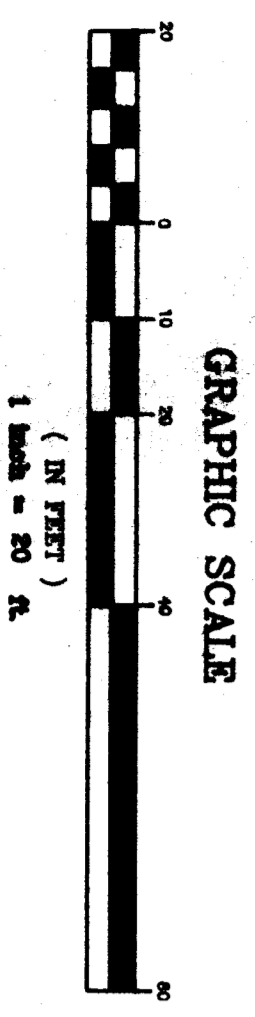
<i>Sample Number</i>	<i>Date Sampled</i>	<i>Laboratory</i>	<i>Chain Of Custody Number</i>	<i>Type Of Analysis</i>	<i>Results (ppm)</i>
1. Office Walls	09/15/93	GTC	N/A	PCB 91-3	< 10
2. Garage Walls	09/15/93	GTC	N/A	PCB 91-3	< 10
3. Bailer, South Wall	10/26/93	GTC	N/A	PCB 91-3	< 10
4. Press Pit, North Wall	10/26/93	GTC	N/A	PCB 91-3	< 10
5. Bailer, East Wall	11/10/93	GTC	012	PCB 91-3	< 10
6. Bailer, West Wall	11/10/93	GTC	012	PCB 91-3	< 10
7. Press Pit, East Wall	11/10/93	GTC	012	PCB 91-3	< 10
8. Press Pit, South Wall	11/10/93	GTC	012	PCB 91-3	< 10
9. Garage, North Wall	01/07/94	GTC	017	PCB 91-3	< 10
10. Garage, South Wall	01/07/94	GTC	017	PCB 91-3	< 10
11. Garage, East Wall	01/07/94	GTC	017	PCB 91-3	< 10

ABBREVIATIONS:

GTC - General Testing Corporation
 N/A - Not Available
 PCB-91-3 - EPA Method 91-3

Appendix M
Full Size Topographic Surveys

- M-1 Preconstruction Topographic Survey
- M-2 Postconstruction Topographic Survey



MAC-DATE 15 JULY 1993
78°52'30" W. LONG.

NOTE: AN ASSUMED ELEVATION DATUM WAS USED.



REVISIONS 	The undersigned hereby certifies that this is a correct map from an actual survey. Donald H. Fry 7/29/93 DONALD H. FRY, L.S. 643743 LICENSED LAND SURVEYOR	TOPOGRAPHIC PLAN SCHRECK'S SCRAPYARD BUILDING DEMOLITION & SOIL REMOVAL SITE NO. 9-32-009 N. TONAWANDA, NEW YORK	
	DATE 20 JULY '93	SCALE 1" = 20'	PROJECT NO. 92091

modi associates
CONSULTING ENGINEERS & LAND SURVEYORS
2800 SOUTH BAY ROAD
CICERO, N.Y. 13039 (315) 999-0008