SDMS Document
98438

THE WHITMAN Companies, INC.

300782

PROGRESS REPORT #38

NOVEMBER 1998 ACTIVITIES

FOR

ROCKAWAY BOROUGH WELL FIELD SITE
OPERABLE UNIT #3
FOR PROPERTY OF
KLOCKNER & KLOCKNER
ROCKAWAY BOROUGH, NEW JERSEY

SUBMITTED TO:

USEPA - REGION II
EMERGENCY & REMEDIAL RESPONSE DIVISION
NEW YORK, NEW YORK

SUBMITTED BY:

THE WHITMAN COMPANIES, INC.
EAST BRUNSWICK, NEW JERSEY

ON BEHALF OF KLOCKNER & KLOCKNER

IN ACCORDANCE WITH:

ADMINISTRATIVE ORDER ON CONSENT
INDEX NO. II-CERCLA-95-0104

DECEMBER 1998

Michael N. Metlitz
Project Manager

Ira L. Whitman, Ph.D., P.E.
Principal Consultant

44 West Ferris Street, East Brunswick, New Jersey 08816

THE WHITMAN Companies, INC.

www.whitmanco.com

44 West Ferris Street
East Brunswick, N.J. 08816
Tel.: (732) 390-5858
Fax: (732) 390-9496

December 11, 1998

Nancy Eberhardt, Esquire
Riker, Danzig, Scherer, Hyland & Perretti
Headquarters Plaza
One Speedwell Avenue
Morristown, NJ 07962-1981

RE: Klockner & Klockner
Rockaway Borough Wellfield Superfund Site - OU3
Whitman Project #95-03-02

Dear Ms. Eberhardt:

Enclosed are an original and three (3) copies of the Progress Report for the month of November 1998 for the above-referenced property for your submittal to EPA.

If you have any questions concerning this submittal, please feel free to contact Ira L. Whitman, Ph.D., P.E. or me at (732) 390-5858.

Very truly yours,

Michael N. Metlitz
Project Manager

MNM/sm

Enclosures

300783

PROGRESS REPORT #38
NOVEMBER 1998 ACTIVITIES
ROCKAWAY BOROUGH WELL FIELD SITE
OPERABLE UNIT #3
FOR PROPERTY OF KLOCKNER & KLOCKNER
ROCKAWAY BOROUGH, NEW JERSEY

1.0 INTRODUCTION

The following is a Progress Report for the month of November 1998 for the Klockner & Klockner portion of the Rockaway Borough Wellfield Superfund Site OU3 (Klockner Property). This report is submitted pursuant to Paragraph 58 of the September 27, 1995 Administrative Order on Consent (AOC) between Klockner & Klockner (Klockner) and the United States Environmental Protection Agency (EPA). Two (2) copies of this report are being submitted pursuant to Paragraph 61 of the AOC.

2.0 ACTIONS TAKEN TOWARD ACHIEVING COMPLIANCE WITH AOC NOVEMBER 1998

The status of work and progress for the month of November 1998 is reported below. Progress for work conducted prior to November 1998 is reported in the progress reports submitted for previous months.

Analytical data packages for the October 1998 soil sampling activities were received during the month of November 1998. Review of the data and preparation of the Characterization Report commenced.

3.0 PERCENT OF WORK COMPLETED AND THE STATUS OF THE SCHEDULE

At this time, the percentage of work completed is approximately sixty percent (60%). The activities conducted to comply with the AOC are on schedule. The next scheduled activity by Klockner is to review the results of the approved revised RI/FS Work Plan soil sampling activities, identify any data deficiencies and prepare the Site Characterization Report. A schedule of activities is presented in Table 1.

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4.0 DIFFICULTIES ENCOUNTERED AND CORRECTIVE ACTIONS TO BE TAKEN

No difficulties were encountered during the reporting period

5.0 SUMMARY OF RESULTS

A summary of the sample results received during November 1998 is provided below. A summary of the sample results received during October 1998 was provided in the previous Progress Report. Soil sample locations are indicated on the three (3) figures provided in Attachment 1. Draft analytical data sheets for the sample results received during November 1998 are included in Attachment 2.

5.1 Building 12 – Underground Gasoline Tank

Two soil samples, SSGT-1 and SSGT-2, were collected at the former underground gasoline tank location for TCL Volatile Organic Compounds + 10 (VO+10) and Lead laboratory analysis. Sample SSGT-3 was collected as a duplicate of SSGT-1 for VO+10 analysis. The samples were collected to satisfy the New Jersey Department of Environmental Protection's (NJDEP's) outstanding comments on the investigation of this area. The VO results were **none detected** and the Lead concentrations were well below the most stringent New Jersey Soil Cleanup Criteria (NJSCC) currently in effect.

5.2 Building 12 – Waste Oil Tank

Two delineation soil samples, SSWT-1 and SSWT-2, were collected at the former location of the underground waste oil tank for Purgeable Halocarbons (PHAL) analysis. Sample SSWT-1 also included analysis for TAL Metals. The analytical results indicated no contaminants were present above the most stringent NJSCC currently in effect.

5.3 Building 12 – Catch Basin/Storm Sewer

Soil sample SSCB-1 was collected at former sample location SS-8 to determine if further remediation is warranted pursuant to N.J.A.C. 7:26E due to the presence of Petroleum Hydrocarbons (PHCs). The sample was analyzed for TCL Base/Neutral Extractable Organic Compounds + 15 (BN+15) and TAL Metals. The analytical results indicated no contaminants were present above the most stringent NJSCC currently in effect.

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5.4 Building 12 – Leaching Pit

Soil sample SSLP-1 was collected from previous sample location SS-25 to determine if TAL Metals were present. The analytical results indicated the presence of TAL Metals at concentrations below the most stringent NJSCC currently in effect.

5.5 Building 12 – Degreaser Pit

Soil sample SSDP-1 was collected for PHAL analysis from between previous soil gas survey samples VD-13 and VD-14 at the degreaser pit. The sample included analysis for TAL Metals. The analytical results indicated the presence of Tetrachloroethene (PCE) at 1.1 mg/kg which is just above its current New Jersey Impact to Ground Water Soil Cleanup Criteria (NJIGWSCC) of 1 mg/kg. Trichloroethene (TCE) and TAL Metals were detected at concentrations below their respective most stringent NJSCC currently in effect.

5.6 Building 12 – Alleyway

This area included the alleyway, adjacent quonset hut, area between the alleyway and degreaser pit inside the building and western area of the building adjacent to the alleyway. Previous sample results indicated the presence of PHAL contamination in these areas. Twenty eight (28) soil gas samples had been proposed for the alleyway area for PHAL analysis. The soil gas survey indicated the presence of PHAL throughout the area. TCE was detected in all of the soil gas samples collected. The other PHAL detected in a significant number of the samples were cis-1,2-Dichloroethene(c-DCE) and PCE. The results of the soil gas survey were summarized in the previous Progress Report. Based on the results of the approved soil gas samples, an additional fourteen (14) locations were sampled. The additional samples were collected from beneath the building area located west of the Alleyway.

Based on the soil gas survey results, nine (9) soil borings (SSAW-1 through SSAW-9) were sampled at two (2) depths for PHAL analysis. Sample SSAW-10 was collected as a duplicate of sample SSAW-9 for PHAL analysis. The sample depths were based on field observations and screening with a photoionization detector (PID). The analytical results indicated the presence of TCE above or at its current New Jersey Residential Direct Contact Soil Cleanup Criteria (NJRDCSCC) of 23 mg/kg in five (5) of the nine (9) shallow (<5 feet) sample locations and above its current NJIGWSCC of 1 mg/kg in one (1) additional shallow sample location. PCE was detected above its current NJRDCSCC of 4 mg/kg and NJIGWSCC of 1 mg/kg in the two shallow sample locations beneath the quonset hut. c-DCE was detected in two (2) of the shallow sample locations above its current NJIGWSCC of 1 mg/kg. Samples collected at depth (>5 feet) were below the current NJSCC

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except at one (1) location, SSAW-1. TCE was detected in sample location SSAW-1 just above its current NJIGWSCC.

5.7 Building 12 – Scale Room

The scale room is located inside the building at the southwest corner of the alleyway. This area was included in the alleyway soil gas survey. TCE was detected in the soil gas samples collected in this area. Soil samples SSSR-1through SSSR-3 were collected for PHAL. Sample SSSR-4 was collected as a duplicate of SSSR-1 for PHAL analysis. Sample SSSR-1 was collected at a depth of 4 to 4.5 feet to vertically delineate the PHAL previously detected in this location. TCE was detected below its current most stringent NJSCC in sample SSSR-1. The two (2) other sample locations were collected from the 6 inch interval below the floor. TCE was detected in these two (2) sample locations at concentrations exceeding the current NJRDCSCC and NJIGWSCC.

5.8 Building 12 – Drum Storage Shed

Soil sample SSFS-1A and B were collected from the former location of a drum storage shed. This area is located just northeast of the alleyway. Sample SSFS-1A was analyzed for PHC, BN+15 and TAL Metals. Samples SSFS-2 was collected as a duplicate of SSFS-1A for the same parameters. Sample SSFS-1B was analyzed for VO+10. The analytical results indicated the presence of TCE and c-DCE just above their respective current NJIGWSCC and Lead just above its current NJRDCSCC of 400 mg/kg.

5.9 Building 12 - Drum Storage in Alleyway

Soil sample SSDSA-1 was collected from the soil below the reported location of a spill of cyanide containing solution and lead tin solution resulting from historical drum storage in the alleyway. The sample was analyzed for TAL Metals and total Cyanides. Sample SSDA-2 was collected as a duplicate of SSDA-1 for the same parameters. Based on the elevated soil gas sample results in the area, the location was additionally sampled for PHAL at a field determined depth of 1.5-2 feet. TCE was detected at this location above its NJIGWSCC. No other contaminants, including TAL Metals or total cyanides, were detected above the most stringent NJSCC currently in effect.

5.10Building 12 – North Drum Storage Area

Trichloroethene (TCE) was detected in four (4) of the twelve (12) soil gas samples collected from this area. The samples where the TCE was detected are located north of the alleyway and just north of Building 12. As approved in the revised RI/FS Work Plan, soil at the two samples exhibiting

the highest soil gas concentrations (SGN-33, SGN-43) were sampled for VO+10, BN+15, PHC and TAL Metals laboratory analyses. The analytical results indicated the presence of TCE above the current NJRDCSCC and NJIGWSCC in sample SSNDS-1A and above the current NJIGWSCC in SSNDS-2A. No other contaminants were detected above the most stringent NJSCC currently in effect.

5.11 Building 12 – Sump

Soil sample SSSP-1 was collected from below the invert of the sump located in the building area just west of the alleyway. The sample was analyzed for VO+10, PHC and TAL Metals. Contingent analysis for BN+15 was not done as PHCs were detected below 100 mg/kg. The analytical results indicated the presence of TCE above its current NJRDCSCC and NJIGWSCC and PCE above its current NJIGWSCC. Arsenic was detected at a concentration just above its current NJSCC of 20 mg/kg.

5.12 Building 13 - Soil Gas Survey

Thirty eight (38) soil gas samples had been proposed for the Building 13 property for PHAL analysis. The presence of PHAL was detected at eight (8) sample locations. The predominant PHALs detected were PCE and TCE. Based on the results of the approved soil gas samples and field observations, eighteen (18) additional samples were collected. The additional samples collected included those used to delineate the vertical and horizontal extent of contamination at soil gas sample locations SG-22A (Concrete Pad Area) and SS-33 (Fence Area). A summary of the soil gas survey results was provided in the previous Progress Report.

Based on the results of the soil gas survey, additional soil samples for PHAL laboratory analysis were collected from the Dumpster Pad, Former Dry Well, Hydropress Floor Drain, Concrete Pad and Fence Areas. A summary of the results for each of these areas is presented below under each area's heading.

5.13 Building 13 – Former Dry Well

The soil gas survey indicated a relatively low concentration of PCE in this area. Higher PCE concentrations were detected in the soil gas samples in the fence area immediately to the south. Based on the soil gas results, soil sample SSDW-1 was collected adjacent to the former dry well for PHAL analysis. The analytical results indicated the presence of PCE at the current NJIGWSCC.

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5.14 Building 13 – Oil Storage Shed

A soil gas sample collected as part of the site-wide soil gas survey was collected in front of the discharge point of the pipe from the oil storage shed. The soil gas results indicated a relatively low concentration of 1,1,1-Trichloroethane. Soil sample SSOSS-1 was collected for PHAL laboratory analysis. The analytical results indicated the presence of 1,1,1-Trichloroethane below its current NJIGWSCC of 50 mg/kg and NJRDCSCC of 210 mg/kg.

5.15 Building 13 – Storm Drain

A soil gas sample for PHAL was collected at the location of the storm drain catch basin as part of the site-wide soil gas survey. The results of the soil gas sample were **none detected**. As approved in the revised RI/FS Work Plan, soil sample SSSD-1 was collected beneath the catch basin invert for PHAL laboratory analysis. The analytical results were **none detected**.

5.16 Building 13 – Pipe

A soil gas sample for PHAL was collected near the pipe exiting the eastside of the building and the recently discovered underground storage tank as part of the site-wide soil gas survey. The results of the soil gas sample were **none detected**. As discussed with the EPA case manager, Courtney McEnery, soil sample SSPP-1 was collected beneath the tank invert for PHAL laboratory analysis. A sample, UST-1 of the product in the tank was also collected for PHAL laboratory analysis. The analytical results were **none detected.**

5.17 Building 13 – Floor Drains

Floor drains are located in the vibratory cleaner area, basement bathroom and hydropress areas. Soil gas samples were collected for PHAL in the vicinity of the floor drains as part of the site-wide soil gas survey. The results of the soil gas samples were **none detected** with the exception of Methylene Chloride detected at a relatively low concentration in the hydropress floor drain location (SG-22C).

As approved in the revised RI/FS Work Plan, soil sample SSFD-1 was collected beneath the basement floor drain invert for PHAL laboratory analysis. The analytical results were **none detected.**

Based on the soil gas survey results, soil sample SSFD-2 was collected from the vicinity of the hydropress area for PHAL. The results indicated the presence of PCE in concentrations below its most stringent NJSCC currently in effect.

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5.18 Building 13 - Dumpster Pad

A soil gas sample was collected for PHAL at the corner of the concrete dumpster pad as part of the site-wide soil gas survey. A relatively low concentration of PCE was detected in the soil gas sample. Soil sample SSDA-1 was collected on the down-slope side of the dumpster pad for PHAL laboratory analysis. The results indicated the presence of PCE in concentrations below its most stringent NJSCC currently in effect.

5.19 Building 13 - Concrete Pad

The results of the site-wide soil gas survey indicated the presence of PHAL at the concrete pad located south of Building 13. Additional soil gas samples were collected to further investigate this area during the soil gas survey. The results of the soil gas survey were summarized in the previous Progress Report. Soil samples were collected from borings SSCP-1 through SSCP-4 for PHAL laboratory analysis. Boring SSCP-1 was located at soil gas sample location SG-2A. Soil samples were collected from two depths at SSCP-1 and one depth at the other three (3) borings. The analysis of the two (2) samples collected at boring SSCP-1 was rushed by the laboratory to determine if the three (3) horizontal delineation samples should be analyzed. The analytical results for the shallow and deep sample depths at SSCP-1 were **none detected**. Based on a field instrument reading being higher in contingent sample SSCP-4, the laboratory was directed to analyze this sample. The analytical results for sample SSCP-4 were **none detected**.

5.20 Building 13 - Fence Area

The results of the site-wide soil gas survey indicated the presence of PHAL at the fence area located southeast of Building 13. Additional soil gas samples were collected to further investigate this area during the soil gas survey. The results of the soil gas survey were summarized in the previous Progress Report. Soil samples were collected from borings SSFA-1 through SSFA-5 for PHAL laboratory analysis. Boring SSFA-1 was located at soil gas sample location SG-33. Soil samples were collected from two depths at SSFA-1 and one depth at the other four (4) borings. The analysis of the two samples collected at boring SSFA-1 was rushed by the laboratory to determine if the four (4) horizontal delineation samples should be analyzed. The analytical results for the shallow sample depth at SSFA-1 indicated the presence of PCE just above the current NJIGWSCC. Based on this result, the laboratory was directed to analyze the other four (4) samples. PCE was detected in sample SSFA-4 just above its current NJRDCSCC and NJIGWSCC and in sample SSFA-3 just above its current NJIGWSCC.

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5.21 Other

Four (4) geological characterization samples were collected from each of the properties. Samples SSGC-1 through SSGC-4 were collected at the Building 12 Property and samples SSGC-1A through SSGC-4A were collected from the Building 13 Property. The samples were collected from the different soil types encountered at each of the properties. The samples were analyzed for grain size and total organic carbon (TOC). The TOC and grain size analysis indicated the presence of the following soil conditions:

Sample Location	Sample ID	Depth	TOC (mg/kg)	Description
Alleyway SSAW-3	SSGC-1	4'-6'	8,720	Fine to medium sand, some fine gravel, some clayey silt
Alleyway SSAW-9	SSGC-2	1'-3'	14,900	Fine to medium sand and clayey silt, little fine gravel
Alleyway SSAW-2	SSGC-3	1'-4'	6,660	Clayey silt, some fine to coarse sand, trace fine gravel
Alleyway SSAW-4	SSGC-4	4'-7'	390	Fine to course sand and fine to course gravel, trace silt
Concrete Pad SSCP-4	SSGC-1A	1.5'-4'	16,200	Fine to medium sand and clayey silt, some fine to coarse gravel
Fence Area SSFA-5	SSGC-2A	3'-4'	1,960	Fine to coarse sand and gravel, some silt
Fence Area SSFA-1	SSGC-3A	4.5'-5'	429	Fine to coarse sand, little fine gravel, trace silt
Former Dry Well SSDW-1	SSGC-4A	2'-4'	10,400	Silt and fine to coarse sand, little fine gravel

Note:
Waiting on hard copy of SSGC-2A to 4A grain size results.

The results of the disposal samples from the waste generated from the scale room pit clean-out (DSSR-1) and sampling decon water (DSRW-1) are included in Attachment 2.

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6.0 ACTIVITIES PLANNED FOR NEXT REPORTING PERIOD

During the next reporting period the following activities will be conducted:

1. Continue the review of the analytical data packages.

2. Preparation of the draft Characterization Report to be completed in January 1999.

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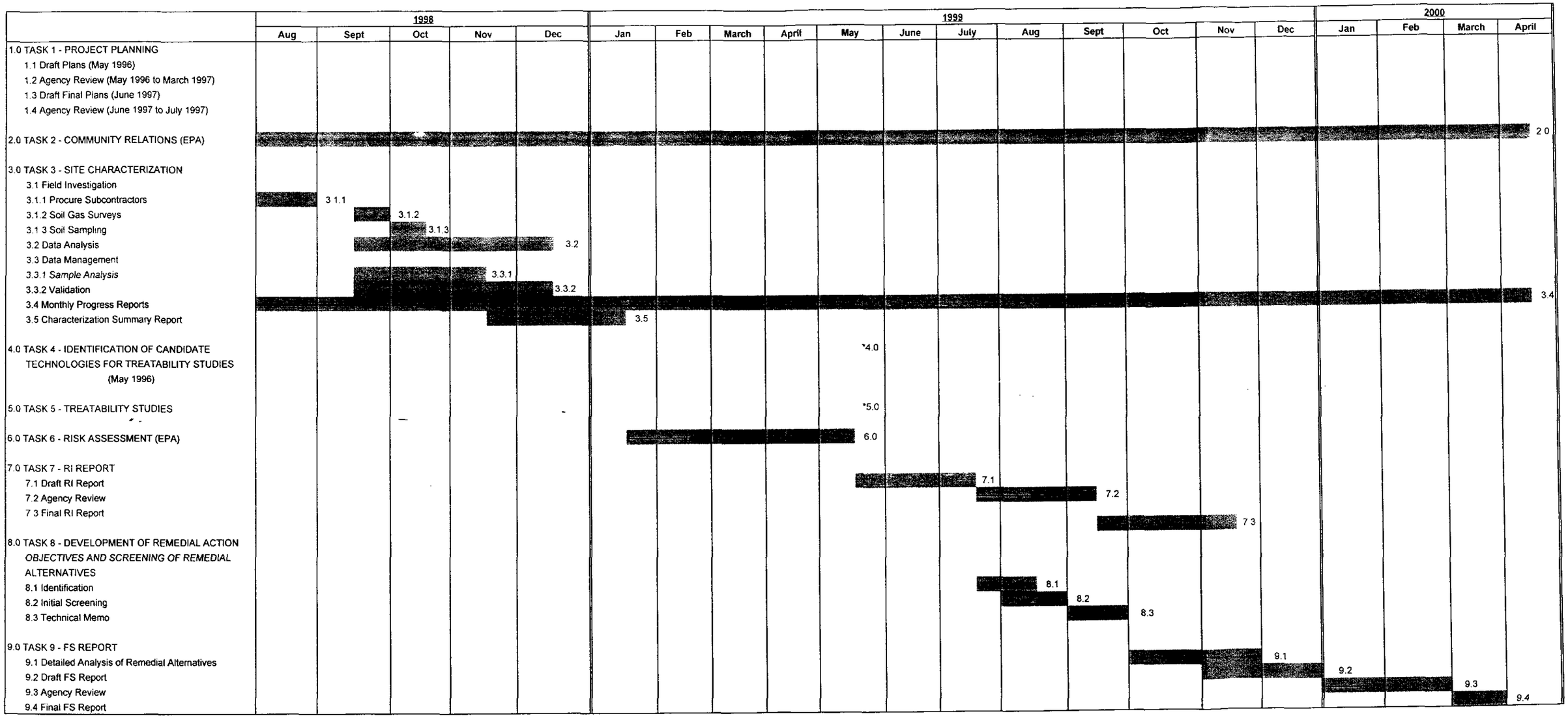
TABLE 1

KLOCKNER PROPERTY
PROJECTED RI/FS SCHEDULE



- Projected period for agency review of documents and preparation of Risk Assessment
* If task is necessary, schedule will be revised

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G:\Projects\950302\schedule

ATTACHMENT 1

DRAFT SOIL
SAMPLE LOCATION FIGURES

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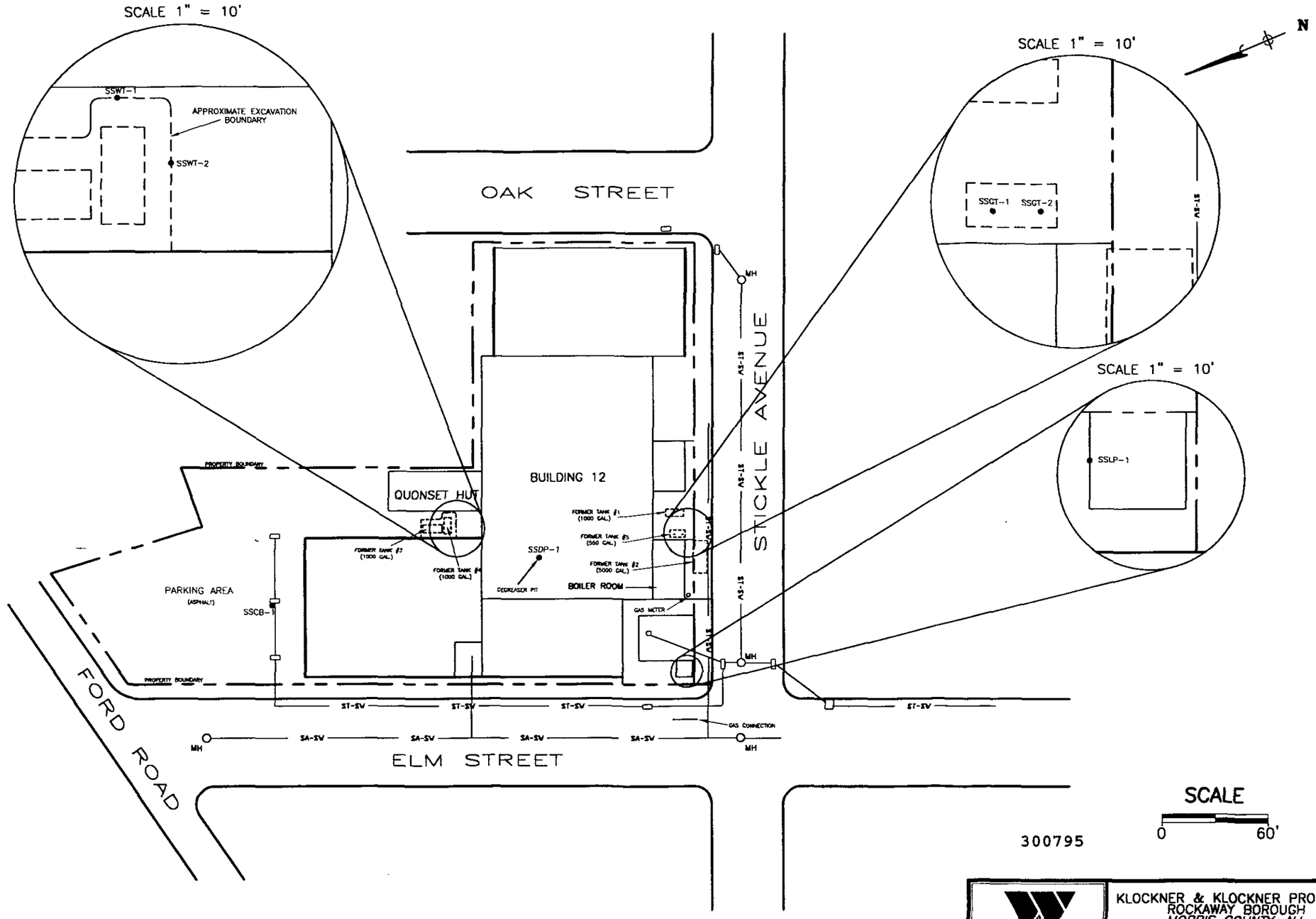
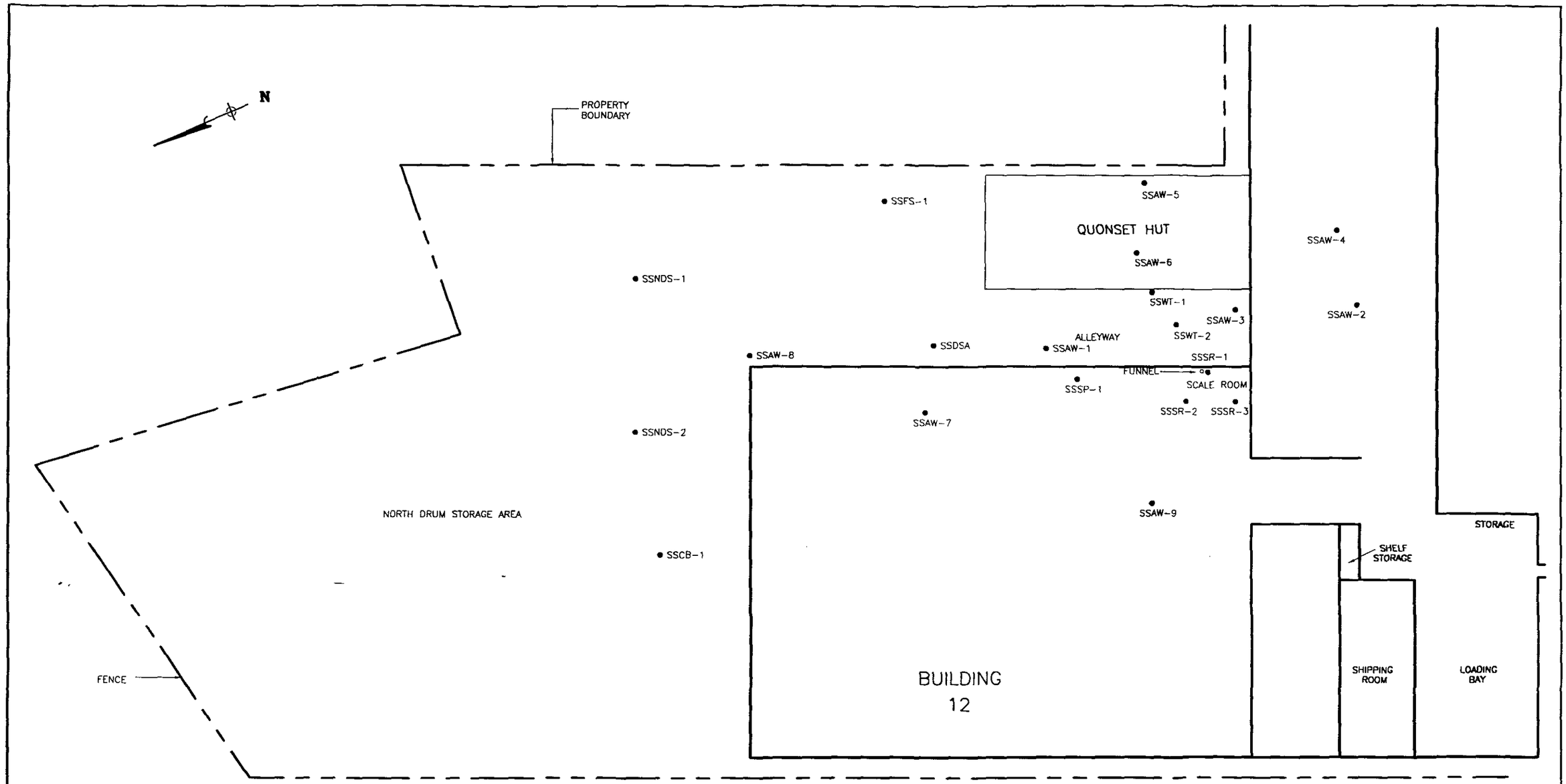


LEGEND

- PROPERTY BOUNDARY
- STORM SEWER
- SANITARY SEWER
- SSCB-1 ● – SOIL SAMPLE LOCATION

THE WHITMAN CompanieS, INC.	KLOCKNER & KLOCKNER PROPERTY ROCKAWAY BOROUGH MORRIS COUNTY, NJ	
	SOIL SAMPLE LOCATIONS BUILDING 12	
ORIGINAL BY: CC	DRAWN BY: A J	DRAWING NO: 950302A41
CHECKED BY: CC	DATE: NOV 1998	FIGURE NO: 1



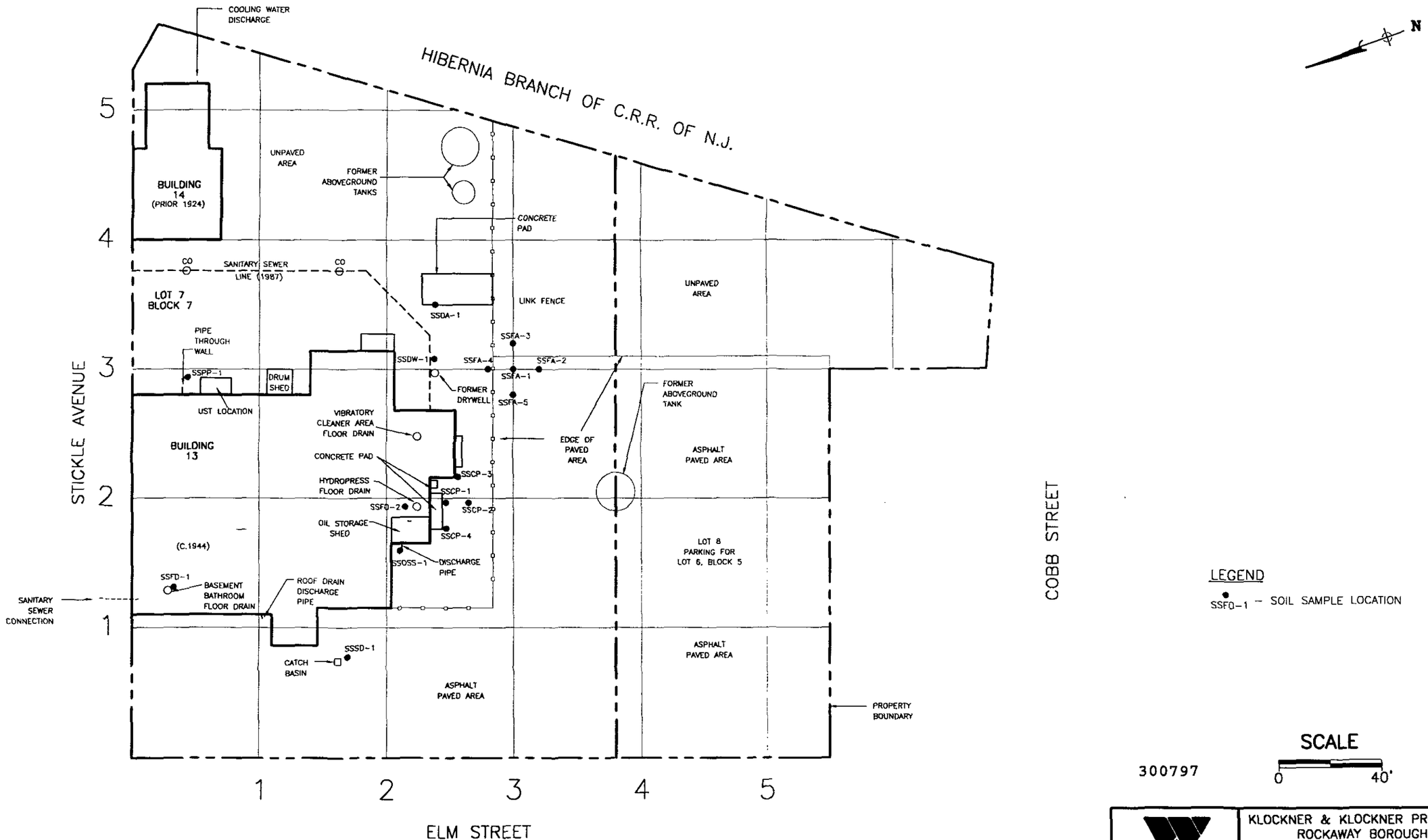
LEGEND

• – SOIL SAMPLE LOCATION

SCALE

0 20'

THE WHITMAN CompanieS, INC.	KLOCKNER & KLOCKNER PROPERTY ROCKAWAY BOROUGH MORRIS COUNTY, NJ	
	NORTH DRUM STORAGE AREA AND ALLEYWAY SOIL SAMPLE LOCATIONS BUILDING 12	
ORIG. BY: CC	DWG. BY: A S	CHK. BY: CC
DWG.#: 950302A2	DATE: NOV 1998	FIGURE: 2



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THE WHITMAN CompanieS, INC.	KLOCKNER & KLOCKNER PROPERTY ROCKAWAY BOROUGH MORRIS COUNTY, NJ	
	SOIL SAMPLE LOCATIONS BUILDING 13	
ORIG. BY: CC	DWG. BY: A 3	CHK. BY: CC
DWG.#: 950302X4	DATE: NOV 1998	FIGURE: 3

ATTACHMENT 2

DRAFT SOIL SAMPLE DATA SHEETS

300798

ENVIROTECH RESEARCH, INC.

777 New Durham Road
Edison, New Jersey 08817
Tel: (732) 549-3900
Fax: (732) 549-3679
www.enviro-lab.com

November 5, 1998

The Whitman Companies, Inc.
44 West Ferris Street
East Brunswick, NJ 08816

Attention: Mr. Michael Metlitz

Re: Job No. I053 - Klockner & Klockner

Dear Mr. Metlitz:

Enclosed are the results you requested for the following sample(s) received at our laboratory on October 09, 1998:

Lab No.	Client ID	Analysis Required
89308	SSAW-5_1.5-2	Purgeable Halocarbons
89309	SSAW-5_11-11.5	Purgeable Halocarbons
89310	SSDP-1_2.5-3	Purgeable Halocarbons, TAL Metals

If you have any questions please contact your Project Manager, Robert McGrady, at (732) 549-3900.

Very truly yours,

Michael J. Urban
Laboratory Manager

RECEIVED
NOV 1 1998
The Whitman Companies, Inc.

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Client ID: **SSAW-5_1.5-2**
Site: Klockner & Klockner

Lab Sample No: **89308**
Lab Job No: I053

Date Sampled: 10/08/98
Date Received: 10/09/98
Date Analyzed: 10/22/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9628.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 100.0
% Moisture: 18.8

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	302
Chloromethane	ND	302
Vinyl Chloride	ND	302
Bromomethane	ND	302
Chloroethane	ND	302
Trichlorofluoromethane	ND	302
1,1-Dichloroethene	ND	302
Methylene Chloride	ND	302
trans-1,2-Dichloroethene	ND	302
1,1-Dichloroethane	ND	302
cis-1,2-Dichloroethene	406	302
Chloroform	ND	302
1,1,1-Trichloroethane	ND	302
Carbon Tetrachloride	ND	302
1,2-Dichloroethane	ND	302
Trichloroethene	10600	302
1,2-Dichloropropane	ND	302
Bromodichloromethane	ND	302
2-Chloroethyl Vinyl Ether	ND	302
cis-1,3-Dichloropropene	ND	302
trans-1,3-Dichloropropene	ND	302
1,1,2-Trichloroethane	ND	302
Tetrachloroethene	5850	302
Dibromochloromethane	ND	302
Chlorobenzene	ND	302
Bromoform	ND	302
1,1,2,2-Tetrachloroethane	ND	302
1,3-Dichlorobenzene	ND	302
1,4-Dichlorobenzene	ND	302
1,2-Dichlorobenzene	ND	302

Client ID: **SSAW-5_11-11.5**
Site: Klockner & Klockner

Lab Sample No: **89309**
Lab Job No: I053

Date Sampled: 10/08/98
Date Received: 10/09/98
Date Analyzed: 10/21/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9611.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 5.8

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	123
Chloromethane	ND	123
Vinyl Chloride	ND	123
Bromomethane	ND	123
Chloroethane	ND	123
Trichlorofluoromethane	ND	123
1,1-Dichloroethene	ND	123
Methylene Chloride	ND	123
trans-1,2-Dichloroethene	ND	123
1,1-Dichloroethane	ND	123
cis-1,2-Dichloroethene	ND	123
Chloroform	ND	123
1,1,1-Trichloroethane	ND	123
Carbon Tetrachloride	ND	123
1,2-Dichloroethane	ND	123
Trichloroethene	ND	123
1,2-Dichloropropane	ND	123
Bromodichloromethane	ND	123
2-Chloroethyl Vinyl Ether	ND	123
cis-1,3-Dichloropropene	ND	123
trans-1,3-Dichloropropene	ND	123
1,1,2-Trichloroethane	ND	123
Tetrachloroethene	ND	123
Dibromochloromethane	ND	123
Chlorobenzene	ND	123
Bromoform	ND	123
1,1,2,2-Tetrachloroethane	ND	123
1,3-Dichlorobenzene	ND	123
1,4-Dichlorobenzene	ND	123
1,2-Dichlorobenzene	ND	123

Client ID: **SSDP-1_2.5-3**
Site: Klockner & Klockner

Lab Sample No: **89310**
Lab Job No: I053

Date Sampled: 10/08/98
Date Received: 10/09/98
Date Analyzed: 10/21/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9612.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 10.2

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	139
Chloromethane	ND	139
Vinyl Chloride	ND	139
Bromomethane	ND	139
Chloroethane	ND	139
Trichlorofluoromethane	ND	139
1,1-Dichloroethene	ND	139
Methylene Chloride	ND	139
trans-1,2-Dichloroethene	ND	139
1,1-Dichloroethane	ND	139
cis-1,2-Dichloroethene	ND	139
Chloroform	ND	139
1,1,1-Trichloroethane	ND	139
Carbon Tetrachloride	ND	139
1,2-Dichloroethane	ND	139
Trichloroethene	656	139
1,2-Dichloropropane	ND	139
Bromodichloromethane	ND	139
2-Chloroethyl Vinyl Ether	ND	139
cis-1,3-Dichloropropene	ND	139
trans-1,3-Dichloropropene	ND	139
1,1,2-Trichloroethane	ND	139
Tetrachloroethene	1100	139
Dibromochloromethane	ND	139
Chlorobenzene	ND	139
Bromoform	ND	139
1,1,2,2-Tetrachloroethane	ND	139
1,3-Dichlorobenzene	ND	139
1,4-Dichlorobenzene	ND	139
1,2-Dichlorobenzene	ND	139

Client ID: **SSDP-1 2.5-3**
Site: **Klockner & Klockner**

Lab Sample No: 89310
Lab Job No: I053

Date Sampled: 10/08/98
Date Received: 10/09/98

Matrix: SOLID
Level: LOW
% Moisture: 10.2

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	9080	13.0		P
Antimony	ND	1.0	N	P
Arsenic	10.1	0.85		P
Barium	54.5	0.31		P
Beryllium	0.52	0.045		P
Cadmium	0.36	0.089	B	P
Calcium	5370	9.4		P
Chromium	12.0	0.22	*	P
Cobalt	7.8	0.27	B	P
Copper	28.1	0.78		P
Iron	29600	9.2		P
Lead	173	0.56		P
Magnesium	2480	9.0		P
Manganese	446	0.24	*	P
Mercury	0.14	0.019		CV
Nickel	15.0	0.47		P
Potassium	912	66.9	B	P
Selenium	ND	1.1		P
Silver	ND	0.31		P
Sodium	ND	94.9		P
Thallium	ND	1.1		P
Vanadium	25.5	0.42		P
Zinc	97.6	1.0	*	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

PROJECT NAME: Klockner & Klockner
PROJECT NO: 95-03-02 Envirotech # 809003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/8/98
SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

PAGE 1 OF 1

I053

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
1228	ALLEYWAY	SSAW-5	1.5-2	SOIL	PHAL	ICE/MEOH	2	89308
1232	ALLEYWAY	SSAW-5	11-11.5	SOIL	PHAL	ICE/MEOH	2	89309
1220	DEGREASER PIT	SSDP-1	2.5-3	SOIL	PHAL, TAL Metals	ICE/MEOH	2&3	89310

RELINQUISHED BY: [signature] DATE: 10/9/98 TIME: 1600 RECEIVED BY: [signature] DATE: 10/9/98 TIME 1600

RELINQUISHED BY: [signature] DATE: 10-9-98 TIME: 1810 RECEIVED BY: [signature] DATE: 10/9/98 TIME 1810

TOTAL NO. CONTAINERS 6

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC PETROLEUM HYDROCARBONS
VOC VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN BASE NEUTRALS WITH LIBRARY SEARCH
AE ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM PRIORITY POLLUTANT METALS
PP+40 PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300804

5

ENVIROTECH RESEARCH, INC.

777 New Durham Road
Edison, New Jersey 08817
Tel: (732) 549-3900
Fax: (732) 549-3679
www.enviro-lab.com

November 5, 1998

RECEIVED 1998 The Whitman Companies, Inc.

The Whitman Companies, Inc.
44 West Ferris Street
East Brunswick, NJ 08816

Attention: Mr. Michael Metlitz

Re: Job No. I051 - Klockner & Klockner

Dear Mr. Metlitz:

Enclosed are the results you requested for the following sample(s) received at our laboratory on October 09, 1998:

Lab No.	Client ID	Analysis Required
89298	UST-1	Purgeable Halocarbons

If you have any questions please contact your Project Manager, Robert McGrady, at (732) 549-3900.

Very truly yours,

Michael J. Urban
Laboratory Manager

300805

Client ID: **UST-1**
Site: Klockner & Klockner

Lab Sample No: **89298**
Lab Job No: I051

Date Sampled: 10/08/98
Date Received: 10/09/98
Date Analyzed: 10/22/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9631.d

Matrix: SOIL
Level: HIGH
Sample Weight: 1 g
Methanol Ext. Volume: 10.0 ml
Ext. Dilution Factor: 2500.0
% Moisture: 0.0

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	23600
Chloromethane	ND	23600
Vinyl Chloride	ND	23600
Bromomethane	ND	23600
Chloroethane	ND	23600
Trichlorofluoromethane	ND	23600
1,1-Dichloroethene	ND	23600
Methylene Chloride	ND	23600
trans-1,2-Dichloroethene	ND	23600
1,1-Dichloroethane	ND	23600
cis-1,2-Dichloroethene	ND	23600
Chloroform	ND	23600
1,1,1-Trichloroethane	ND	23600
Carbon Tetrachloride	ND	23600
1,2-Dichloroethane	ND	23600
Trichloroethene	ND	23600
1,2-Dichloropropane	ND	23600
Bromodichloromethane	ND	23600
2-Chloroethyl Vinyl Ether	ND	23600
cis-1,3-Dichloropropene	ND	23600
trans-1,3-Dichloropropene	ND	23600
1,1,2-Trichloroethane	ND	23600
Tetrachloroethene	ND	23600
Dibromochloromethane	ND	23600
Chlorobenzene	ND	23600
Bromoform	ND	23600
1,1,2,2-Tetrachloroethane	ND	23600
1,3-Dichlorobenzene	ND	23600
1,4-Dichlorobenzene	ND	23600
1,2-Dichlorobenzene	ND	23600

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02 Envirotech # 809003

LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/8/98

SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

I051

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
1320	UST (BLDG 13)	UST-1	N/A	PETRO	PHAL	ICE/HCL	X3	89298

RELINQUISHED BY: Cheryl L. Coffee DATE: 10/9/98 TIME: 1600 RECEIVED BY: [illegible] DATE: 10-9-98 TIME: 1600

RELINQUISHED BY: [illegible] DATE: 10-9-98 TIME: 1810 RECEIVED BY: [illegible] DATE: 10/9/98 TIME: 1810

TOTAL NO. CONTAINERS 1

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC PETROLEUM HYDROCARBONS
VOC VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN BASE NEUTRALS WITH LIBRARY SEARCH
AE ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM PRIORITY POLLUTANT METALS
PP+40 PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300807

ENVIROTECH RESEARCH, INC.

777 New Durham Road
Edison, New Jersey 08817
Tel: (732) 549-3900
Fax: (732) 549-3679
www.enviro-lab.com

November 5, 1998

RECEIVED
NOV 18 1998
The Whitman Companies, Inc.

The Whitman Companies, Inc.
44 West Ferris Street
East Brunswick, NJ 08816

Attention: Dr. Ira Whitman

Re: Job No. H950 - Klockner & Klockner

Dear Dr. Whitman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on October 07, 1998:

Lab No.	Client ID	Analysis Required
88662	Trip_Blank	TCL VOA+10
88663	FB-2	TCL VOA+10
88664	SSAW-7_5-5.5	Purgeable Halocarbons
88665	SSAW-7_12-12.5	Purgeable Halocarbons
88666	SSSP-1_4-4.5	TCL VOA+10, TAL Metals, PHC
88667	SSAW-9_1-1.5	Purgeable Halocarbons
88668	SSAW-10_1-1.5	Purgeable Halocarbons
88669	SSAW-9_11.5-12	Purgeable Halocarbons
88670	SSGC-2_1-3	TOC
88671	SSAW-2_1.5-2	Purgeable Halocarbons
88672	SSAW-2_7.5-8	Purgeable Halocarbons
88673	SSGC-3_1-4	TOC
88674	SSSR-2_0-0.5	Purgeable Halocarbons
88675	SSSR-3_0-0.5	Purgeable Halocarbons
88677	SSFS-2_0-0.5	TCL BN+10, TAL Metals, PHC
88678	SSAW-4_4-4.5	Purgeable Halocarbons
88679	SSAW-4_9.5-10	Purgeable Halocarbons
88680	SSGC-4_4-7	TOC
88681	SSSR-1_4-4.5	Purgeable Halocarbons

300808

ENVIROTECH RESEARCH, INC.

Lab No.	Client ID	Analysis Required
88682	SSSR-4_4-4.5	Purgeable Halocarbons
88683	SSLP-1_12-12.5	TAL Metals
88684	SSGT-2_7-7.5	TCL VOA+10, Pb
88685	SSGT-1_7-7.5	TCL VOA+10, Pb
88686	SSGT-3_7-7.5	TCL VOA+10

An invoice for our services is also enclosed. If you have any questions please contact your Project Manager, Robert McGrady, at (732) 549-3900.

Very truly yours,

Michael J. Urban
Laboratory Manager

Client ID: **Trip_Blank**
Site: Klockner & Klockner

Lab Sample No: **88662**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/15/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4657.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.0 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 0

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg	Quantitation Limit Units: ug/kg
Chloromethane	ND	620
Bromomethane	ND	620
Vinyl Chloride	ND	620
Chloroethane	ND	620
Methylene Chloride	ND	380
Acetone	ND	620
Carbon Disulfide	ND	620
1,1-Dichloroethene	ND	250
1,1-Dichloroethane	ND	620
trans-1,2-Dichloroethene	ND	620
cis-1,2-Dichloroethene	ND	620
Chloroform	ND	620
1,2-Dichloroethane	ND	250
2-Butanone	ND	620
1,1,1-Trichloroethane	ND	620
Carbon Tetrachloride	ND	250
Bromodichloromethane	ND	120
1,2-Dichloropropane	ND	120
cis-1,3-Dichloropropene	ND	620
Trichloroethene	ND	120
Dibromochloromethane	ND	620
1,1,2-Trichloroethane	ND	380
Benzene	ND	120
trans-1,3-Dichloropropene	ND	620
Bromoform	ND	500
4-Methyl-2-Pentanone	ND	620
2-Hexanone	ND	620
Tetrachloroethene	ND	120
1,1,2,2-Tetrachloroethane	ND	120
Toluene	ND	620
Chlorobenzene	ND	620
Ethylbenzene	ND	500
Styrene	ND	620
Xylene (Total)	ND	620

Client ID: **Trip_Blank**
Site: Klockner & Klockner

Lab Sample No: **88662**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/15/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4657.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.0 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 0.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
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24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **FB-2**
Site: Klockner & Klockner

Lab Sample No: **88663**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/19/98
GC Column: DB624
Instrument ID: VOAMS3.i
Lab File ID: c2236.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0
Xylene (Total)	ND	5.0

Client ID: **FB-2**
Site: Klockner & Klockner

Lab Sample No: **88663**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/19/98
GC Column: DB624
Instrument ID: VOAMS3.i
Lab File ID: c2236.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
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27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **SSSP-1_4-4.5**
Site: Klockner & Klockner

Lab Sample No: **88666**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAMS1.i
Lab File ID: a6484.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.8 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 250.0
% Moisture: 10

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	3200
Bromomethane	ND	3200
Vinyl Chloride	ND	3200
Chloroethane	ND	3200
Methylene Chloride	ND	1900
Acetone	ND	3200
Carbon Disulfide	ND	3200
1,1-Dichloroethene	ND	1300
1,1-Dichloroethane	ND	3200
trans-1,2-Dichloroethene	ND	3200
cis-1,2-Dichloroethene	790 J	3200
Chloroform	ND	3200
1,2-Dichloroethane	ND	1300
2-Butanone	ND	3200
1,1,1-Trichloroethane	ND	3200
Carbon Tetrachloride	ND	1300
Bromodichloromethane	ND	640
1,2-Dichloropropane	ND	640
cis-1,3-Dichloropropene	ND	3200
Trichloroethene	37000	640
Dibromochloromethane	ND	3200
1,1,2-Trichloroethane	ND	1900
Benzene	ND	640
trans-1,3-Dichloropropene	ND	3200
Bromoform	ND	2600
4-Methyl-2-Pentanone	ND	3200
2-Hexanone	ND	3200
Tetrachloroethene	2100	640
1,1,2,2-Tetrachloroethane	ND	640
Toluene	ND	3200
Chlorobenzene	ND	3200
Ethylbenzene	ND	2600
Styrene	ND	3200
Xylene (Total)	ND	3200

Client ID: **SSSP-1_4-4.5**
Site: Klockner & Klockner

Lab Sample No: **88666**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAMS1.i
Lab File ID: a6484.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.8 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 250.0
% Moisture: 10.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
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10.			
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27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **SSFS-2_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88677**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/21/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8328.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
% Moisture: 4

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	87
1,3-Dichlorobenzene	ND	870
1,4-Dichlorobenzene	ND	870
1,2-Dichlorobenzene	ND	870
bis(2-chloroisopropyl)ether	ND	870
N-Nitroso-di-n-propylamine	ND	87
Hexachloroethane	ND	87
Nitrobenzene	ND	87
Isophorone	ND	870
bis(2-Chloroethoxy)methane	ND	870
1,2,4-Trichlorobenzene	ND	87
Naphthalene	ND	870
4-Chloroaniline	ND	870
Hexachlorobutadiene	ND	170
2-Methylnaphthalene	ND	870
Hexachlorocyclopentadiene	ND	870
2-Chloronaphthalene	ND	870
2-Nitroaniline	ND	1700
Dimethylphthalate	ND	870
Acenaphthylene	ND	870
2,6-Dinitrotoluene	ND	170
3-Nitroaniline	ND	1700
Acenaphthene	ND	870
Dibenzofuran	ND	870
2,4-Dinitrotoluene	ND	170
Diethylphthalate	ND	870
4-Chlorophenyl-phenylether	ND	870
Fluorene	ND	870
4-Nitroaniline	ND	1700
N-Nitrosodiphenylamine	ND	870
4-Bromophenyl-phenylether	ND	870
Hexachlorobenzene	ND	87
Phenanthrene	78 J	870
Anthracene	ND	870

Client ID: **SSFS-2_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88677**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/21/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8328.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
% Moisture: 4

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	ND	870
Di-n-butylphthalate	ND	870
Fluoranthene	120 J	870
Pyrene	130 J	870
Butylbenzylphthalate	ND	870
3,3'-Dichlorobenzidine	ND	1700
Benzo(a)anthracene	55 J	87
Chrysene	120 J	870
bis(2-Ethylhexyl)phthalate	13000	870
Di-n-octylphthalate	ND	870
Benzo(b)fluoranthene	100	87
Benzo(k)fluoranthene	39 J	87
Benzo(a)pyrene	81 J	87
Indeno(1,2,3-cd)pyrene	36 J	87
Dibenz(a,h)anthracene	ND	87
Benzo(g,h,i)perylene	46 J	870

Client ID: **SSFS-2_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88677**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/21/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8328.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
% Moisture: 4.5

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Unknown Alkane	27.03	1200	
2. Unknown Alkane	29.20	3900	
3.			
4.			
5.			
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29.			
30.			

TOTAL ESTIMATED CONCENTRATION 5100

Client ID: **SSGT-2_7-7.5**
Site: Klockner & Klockner

Lab Sample No: **88684**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/15/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4658.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.7 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 7

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	620
Bromomethane	ND	620
Vinyl Chloride	ND	620
Chloroethane	ND	620
Methylene Chloride	ND	380
Acetone	ND	620
Carbon Disulfide	ND	620
1,1-Dichloroethene	ND	250
1,1-Dichloroethane	ND	620
trans-1,2-Dichloroethene	ND	620
cis-1,2-Dichloroethene	ND	620
Chloroform	ND	620
1,2-Dichloroethane	ND	250
2-Butanone	ND	620
1,1,1-Trichloroethane	ND	620
Carbon Tetrachloride	ND	250
Bromodichloromethane	ND	120
1,2-Dichloropropane	ND	120
cis-1,3-Dichloropropene	ND	620
Trichloroethene	ND	120
Dibromochloromethane	ND	620
1,1,2-Trichloroethane	ND	380
Benzene	ND	120
trans-1,3-Dichloropropene	ND	620
Bromoform	ND	500
4-Methyl-2-Pentanone	ND	620
2-Hexanone	ND	620
Tetrachloroethene	ND	120
1,1,2,2-Tetrachloroethane	ND	120
Toluene	ND	620
Chlorobenzene	ND	620
Ethylbenzene	ND	500
Styrene	ND	620
Xylene (Total)	ND	620

Client ID: **SSGT-2_7-7.5**
Site: Klockner & Klockner

Lab Sample No: **88684**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/15/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4658.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.7 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 6.6

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
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10.			
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23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **SSGT-1_7-7.5**
Site: Klockner & Klockner

Lab Sample No: **88685**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/15/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4659.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.0 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 8

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	680
Bromomethane	ND	680
Vinyl Chloride	ND	680
Chloroethane	ND	680
Methylene Chloride	ND	410
Acetone	ND	680
Carbon Disulfide	ND	680
1,1-Dichloroethene	ND	270
1,1-Dichloroethane	ND	680
trans-1,2-Dichloroethene	ND	680
cis-1,2-Dichloroethene	ND	680
Chloroform	ND	680
1,2-Dichloroethane	ND	270
2-Butanone	ND	680
1,1,1-Trichloroethane	ND	680
Carbon Tetrachloride	ND	270
Bromodichloromethane	ND	140
1,2-Dichloropropane	ND	140
cis-1,3-Dichloropropene	ND	680
Trichloroethene	ND	140
Dibromochloromethane	ND	680
1,1,2-Trichloroethane	ND	410
Benzene	ND	140
trans-1,3-Dichloropropene	ND	680
Bromoform	ND	540
4-Methyl-2-Pentanone	ND	680
2-Hexanone	ND	680
Tetrachloroethene	ND	140
1,1,2,2-Tetrachloroethane	ND	140
Toluene	ND	680
Chlorobenzene	ND	680
Ethylbenzene	ND	540
Styrene	ND	680
Xylene (Total)	ND	680

Client ID: **SSGT-1_7-7.5**
Site: Klockner & Klockner

Lab Sample No: **88685**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/15/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4659.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.0 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 7.8

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
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21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **SSGT-3_7-7.5**
Site: Klockner & Klockner

Lab Sample No: **88686**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/15/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4660.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.2 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 9

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	670
Bromomethane	ND	670
Vinyl Chloride	ND	670
Chloroethane	ND	670
Methylene Chloride	ND	400
Acetone	ND	670
Carbon Disulfide	ND	670
1,1-Dichloroethene	ND	270
1,1-Dichloroethane	ND	670
trans-1,2-Dichloroethene	ND	670
cis-1,2-Dichloroethene	ND	670
Chloroform	ND	670
1,2-Dichloroethane	ND	270
2-Butanone	ND	670
1,1,1-Trichloroethane	ND	670
Carbon Tetrachloride	ND	270
Bromodichloromethane	ND	130
1,2-Dichloropropane	ND	130
cis-1,3-Dichloropropene	ND	670
Trichloroethene	ND	130
Dibromochloromethane	ND	670
1,1,2-Trichloroethane	ND	400
Benzene	ND	130
trans-1,3-Dichloropropene	ND	670
Bromoform	ND	540
4-Methyl-2-Pentanone	ND	670
2-Hexanone	ND	670
Tetrachloroethene	ND	130
1,1,2,2-Tetrachloroethane	ND	130
Toluene	ND	670
Chlorobenzene	ND	670
Ethylbenzene	ND	540
Styrene	ND	670
Xylene (Total)	ND	670

Client ID: **SSGT-3_7-7.5**
Site: Klockner & Klockner

Lab Sample No: **88686**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/15/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4660.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.2 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 8.9

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
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16.			
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23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **SSAW-7_5-5.5**
Site: Klockner & Klockner

Lab Sample No: **88664**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/19/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9565.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 13.9

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	140
Chloromethane	ND	140
Vinyl Chloride	ND	140
Bromomethane	ND	140
Chloroethane	ND	140
Trichlorofluoromethane	ND	140
1,1-Dichloroethene	ND	140
Methylene Chloride	ND	140
trans-1,2-Dichloroethene	ND	140
1,1-Dichloroethane	ND	140
cis-1,2-Dichloroethene	ND	140
Chloroform	ND	140
1,1,1-Trichloroethane	ND	140
Carbon Tetrachloride	ND	140
1,2-Dichloroethane	ND	140
Trichloroethene	283	140
1,2-Dichloropropane	ND	140
Bromodichloromethane	ND	140
2-Chloroethyl Vinyl Ether	ND	140
cis-1,3-Dichloropropene	ND	140
trans-1,3-Dichloropropene	ND	140
1,1,2-Trichloroethane	ND	140
Tetrachloroethene	ND	140
Dibromochloromethane	ND	140
Chlorobenzene	ND	140
Bromoform	ND	140
1,1,2,2-Tetrachloroethane	ND	140
1,3-Dichlorobenzene	ND	140
1,4-Dichlorobenzene	ND	140
1,2-Dichlorobenzene	ND	140

Client ID: **SSAW-7_12-12.5**
Site: Klockner & Klockner

Lab Sample No: **88665**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/19/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9566.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 5.5

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	128
Chloromethane	ND	128
Vinyl Chloride	ND	128
Bromomethane	ND	128
Chloroethane	ND	128
Trichlorofluoromethane	ND	128
1,1-Dichloroethene	ND	128
Methylene Chloride	ND	128
trans-1,2-Dichloroethene	ND	128
1,1-Dichloroethane	ND	128
cis-1,2-Dichloroethene	ND	128
Chloroform	ND	128
1,1,1-Trichloroethane	ND	128
Carbon Tetrachloride	ND	128
1,2-Dichloroethane	ND	128
Trichloroethene	648	128
1,2-Dichloropropane	ND	128
Bromodichloromethane	ND	128
2-Chloroethyl Vinyl Ether	ND	128
cis-1,3-Dichloropropene	ND	128
trans-1,3-Dichloropropene	ND	128
1,1,2-Trichloroethane	ND	128
Tetrachloroethene	ND	128
Dibromochloromethane	ND	128
Chlorobenzene	ND	128
Bromoform	ND	128
1,1,2,2-Tetrachloroethane	ND	128
1,3-Dichlorobenzene	ND	128
1,4-Dichlorobenzene	ND	128
1,2-Dichlorobenzene	ND	128

Client ID: **SSAW-9_1-1.5**
Site: Klockner & Klockner

Lab Sample No: **88667**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/21/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9602.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 500.0
% Moisture: 17.0

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	1460
Chloromethane	ND	1460
Vinyl Chloride	ND	1460
Bromomethane	ND	1460
Chloroethane	ND	1460
Trichlorofluoromethane	ND	1460
1,1-Dichloroethene	ND	1460
Methylene Chloride	ND	1460
trans-1,2-Dichloroethene	ND	1460
1,1-Dichloroethane	ND	1460
cis-1,2-Dichloroethene	ND	1460
Chloroform	ND	1460
1,1,1-Trichloroethane	ND	1460
Carbon Tetrachloride	ND	1460
1,2-Dichloroethane	ND	1460
Trichloroethene	23300	1460
1,2-Dichloropropane	ND	1460
Bromodichloromethane	ND	1460
2-Chloroethyl Vinyl Ether	ND	1460
cis-1,3-Dichloropropene	ND	1460
trans-1,3-Dichloropropene	ND	1460
1,1,2-Trichloroethane	ND	1460
Tetrachloroethene	ND	1460
Dibromochloromethane	ND	1460
Chlorobenzene	ND	1460
Bromoform	ND	1460
1,1,2,2-Tetrachloroethane	ND	1460
1,3-Dichlorobenzene	ND	1460
1,4-Dichlorobenzene	ND	1460
1,2-Dichlorobenzene	ND	1460

Client ID: **SSAW-10_1-1.5**
Site: Klockner & Klockner

Lab Sample No: **88668**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/19/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9568.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 500.0
% Moisture: 17.2

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	1510
Chloromethane	ND	1510
Vinyl Chloride	ND	1510
Bromomethane	ND	1510
Chloroethane	ND	1510
Trichlorofluoromethane	ND	1510
1,1-Dichloroethene	ND	1510
Methylene Chloride	ND	1510
trans-1,2-Dichloroethene	ND	1510
1,1-Dichloroethane	ND	1510
cis-1,2-Dichloroethene	ND	1510
Chloroform	ND	1510
1,1,1-Trichloroethane	ND	1510
Carbon Tetrachloride	ND	1510
1,2-Dichloroethane	ND	1510
Trichloroethene	21200	1510
1,2-Dichloropropane	ND	1510
Bromodichloromethane	ND	1510
2-Chloroethyl Vinyl Ether	ND	1510
cis-1,3-Dichloropropene	ND	1510
trans-1,3-Dichloropropene	ND	1510
1,1,2-Trichloroethane	ND	1510
Tetrachloroethene	ND	1510
Dibromochloromethane	ND	1510
Chlorobenzene	ND	1510
Bromoform	ND	1510
1,1,2,2-Tetrachloroethane	ND	1510
1,3-Dichlorobenzene	ND	1510
1,4-Dichlorobenzene	ND	1510
1,2-Dichlorobenzene	ND	1510

Client ID: **SSAW-9_11.5-12**
Site: Klockner & Klockner

Lab Sample No: **88669**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/19/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9569.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 3.8

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	120
Chloromethane	ND	120
Vinyl Chloride	ND	120
Bromomethane	ND	120
Chloroethane	ND	120
Trichlorofluoromethane	ND	120
1,1-Dichloroethene	ND	120
Methylene Chloride	ND	120
trans-1,2-Dichloroethene	ND	120
1,1-Dichloroethane	ND	120
cis-1,2-Dichloroethene	ND	120
Chloroform	ND	120
1,1,1-Trichloroethane	ND	120
Carbon Tetrachloride	ND	120
1,2-Dichloroethane	ND	120
Trichloroethene	ND	120
1,2-Dichloropropane	ND	120
Bromodichloromethane	ND	120
2-Chloroethyl Vinyl Ether	ND	120
cis-1,3-Dichloropropene	ND	120
trans-1,3-Dichloropropene	ND	120
1,1,2-Trichloroethane	ND	120
Tetrachloroethene	ND	120
Dibromochloromethane	ND	120
Chlorobenzene	ND	120
Bromoform	ND	120
1,1,2,2-Tetrachloroethane	ND	120
1,3-Dichlorobenzene	ND	120
1,4-Dichlorobenzene	ND	120
1,2-Dichlorobenzene	ND	120

Client ID: **SSAW-2_1.5-2**
Site: Klockner & Klockner

Lab Sample No: **88671**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/19/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9570.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 1000.0
% Moisture: 21.6

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	3070
Chloromethane	ND	3070
Vinyl Chloride	ND	3070
Bromomethane	ND	3070
Chloroethane	ND	3070
Trichlorofluoromethane	ND	3070
1,1-Dichloroethene	ND	3070
Methylene Chloride	ND	3070
trans-1,2-Dichloroethene	ND	3070
1,1-Dichloroethane	ND	3070
cis-1,2-Dichloroethene	ND	3070
Chloroform	ND	3070
1,1,1-Trichloroethane	ND	3070
Carbon Tetrachloride	ND	3070
1,2-Dichloroethane	ND	3070
Trichloroethene	23100	3070
1,2-Dichloropropane	ND	3070
Bromodichloromethane	ND	3070
2-Chloroethyl Vinyl Ether	ND	3070
cis-1,3-Dichloropropene	ND	3070
trans-1,3-Dichloropropene	ND	3070
1,1,2-Trichloroethane	ND	3070
Tetrachloroethene	ND	3070
Dibromochloromethane	ND	3070
Chlorobenzene	ND	3070
Bromoform	ND	3070
1,1,2,2-Tetrachloroethane	ND	3070
1,3-Dichlorobenzene	ND	3070
1,4-Dichlorobenzene	ND	3070
1,2-Dichlorobenzene	ND	3070

Client ID: **SSAW-2_7.5-8**
Site: Klockner & Klockner

Lab Sample No: **88672**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/19/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9564.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 4.6

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	118
Chloromethane	ND	118
Vinyl Chloride	ND	118
Bromomethane	ND	118
Chloroethane	ND	118
Trichlorofluoromethane	ND	118
1,1-Dichloroethene	ND	118
Methylene Chloride	ND	118
trans-1,2-Dichloroethene	ND	118
1,1-Dichloroethane	ND	118
cis-1,2-Dichloroethene	ND	118
Chloroform	ND	118
1,1,1-Trichloroethane	ND	118
Carbon Tetrachloride	ND	118
1,2-Dichloroethane	ND	118
Trichloroethene	144	118
1,2-Dichloropropane	ND	118
Bromodichloromethane	ND	118
2-Chloroethyl Vinyl Ether	ND	118
cis-1,3-Dichloropropene	ND	118
trans-1,3-Dichloropropene	ND	118
1,1,2-Trichloroethane	ND	118
Tetrachloroethene	ND	118
Dibromochloromethane	ND	118
Chlorobenzene	ND	118
Bromoform	ND	118
1,1,2,2-Tetrachloroethane	ND	118
1,3-Dichlorobenzene	ND	118
1,4-Dichlorobenzene	ND	118
1,2-Dichlorobenzene	ND	118

Client ID: **SSSR-2_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88674**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9593.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 1000.0
% Moisture: 7.5

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	2620
Chloromethane	ND	2620
Vinyl Chloride	ND	2620
Bromomethane	ND	2620
Chloroethane	ND	2620
Trichlorofluoromethane	ND	2620
1,1-Dichloroethene	ND	2620
Methylene Chloride	ND	2620
trans-1,2-Dichloroethene	ND	2620
1,1-Dichloroethane	ND	2620
cis-1,2-Dichloroethene	ND	2620
Chloroform	ND	2620
1,1,1-Trichloroethane	ND	2620
Carbon Tetrachloride	ND	2620
1,2-Dichloroethane	ND	2620
Trichloroethene	43900	2620
1,2-Dichloropropane	ND	2620
Bromodichloromethane	ND	2620
2-Chloroethyl Vinyl Ether	ND	2620
cis-1,3-Dichloropropene	ND	2620
trans-1,3-Dichloropropene	ND	2620
1,1,2-Trichloroethane	ND	2620
Tetrachloroethene	ND	2620
Dibromochloromethane	ND	2620
Chlorobenzene	ND	2620
Bromoform	ND	2620
1,1,2,2-Tetrachloroethane	ND	2620
1,3-Dichlorobenzene	ND	2620
1,4-Dichlorobenzene	ND	2620
1,2-Dichlorobenzene	ND	2620

Client ID: **SSSR-3_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88675**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/19/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9572.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 1000.0
% Moisture: 7.5

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	2620
Chloromethane	ND	2620
Vinyl Chloride	ND	2620
Bromomethane	ND	2620
Chloroethane	ND	2620
Trichlorofluoromethane	ND	2620
1,1-Dichloroethene	ND	2620
Methylene Chloride	ND	2620
trans-1,2-Dichloroethene	ND	2620
1,1-Dichloroethane	ND	2620
cis-1,2-Dichloroethene	ND	2620
Chloroform	ND	2620
1,1,1-Trichloroethane	ND	2620
Carbon Tetrachloride	ND	2620
1,2-Dichloroethane	ND	2620
Trichloroethene	19700	2620
1,2-Dichloropropane	ND	2620
Bromodichloromethane	ND	2620
2-Chloroethyl Vinyl Ether	ND	2620
cis-1,3-Dichloropropene	ND	2620
trans-1,3-Dichloropropene	ND	2620
1,1,2-Trichloroethane	ND	2620
Tetrachloroethene	ND	2620
Dibromochloromethane	ND	2620
Chlorobenzene	ND	2620
Bromoform	ND	2620
1,1,2,2-Tetrachloroethane	ND	2620
1,3-Dichlorobenzene	ND	2620
1,4-Dichlorobenzene	ND	2620
1,2-Dichlorobenzene	ND	2620

Client ID: **SSAW-4_4-4.5**
Site: Klockner & Klockner

Lab Sample No: **88678**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9594.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 1000.0
% Moisture: 21.8

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	3070
Chloromethane	ND	3070
Vinyl Chloride	ND	3070
Bromomethane	ND	3070
Chloroethane	ND	3070
Trichlorofluoromethane	ND	3070
1,1-Dichloroethene	ND	3070
Methylene Chloride	ND	3070
trans-1,2-Dichloroethene	ND	3070
1,1-Dichloroethane	ND	3070
cis-1,2-Dichloroethene	ND	3070
Chloroform	ND	3070
1,1,1-Trichloroethane	ND	3070
Carbon Tetrachloride	ND	3070
1,2-Dichloroethane	ND	3070
Trichloroethene	23200	3070
1,2-Dichloropropane	ND	3070
Bromodichloromethane	ND	3070
2-Chloroethyl Vinyl Ether	ND	3070
cis-1,3-Dichloropropene	ND	3070
trans-1,3-Dichloropropene	ND	3070
1,1,2-Trichloroethane	ND	3070
Tetrachloroethene	ND	3070
Dibromochloromethane	ND	3070
Chlorobenzene	ND	3070
Bromoform	ND	3070
1,1,2,2-Tetrachloroethane	ND	3070
1,3-Dichlorobenzene	ND	3070
1,4-Dichlorobenzene	ND	3070
1,2-Dichlorobenzene	ND	3070

Client ID: **SSAW-4_9.5-10**
Site: Klockner & Klockner

Lab Sample No: **88679**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9595.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 100.0
% Moisture: 4.0

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	260
Chloromethane	ND	260
Vinyl Chloride	ND	260
Bromomethane	ND	260
Chloroethane	ND	260
Trichlorofluoromethane	ND	260
1,1-Dichloroethene	ND	260
Methylene Chloride	ND	260
trans-1,2-Dichloroethene	ND	260
1,1-Dichloroethane	ND	260
cis-1,2-Dichloroethene	ND	260
Chloroform	ND	260
1,1,1-Trichloroethane	ND	260
Carbon Tetrachloride	ND	260
1,2-Dichloroethane	ND	260
Trichloroethene	ND	260
1,2-Dichloropropane	ND	260
Bromodichloromethane	ND	260
2-Chloroethyl Vinyl Ether	ND	260
cis-1,3-Dichloropropene	ND	260
trans-1,3-Dichloropropene	ND	260
1,1,2-Trichloroethane	ND	260
Tetrachloroethene	ND	260
Dibromochloromethane	ND	260
Chlorobenzene	ND	260
Bromoform	ND	260
1,1,2,2-Tetrachloroethane	ND	260
1,3-Dichlorobenzene	ND	260
1,4-Dichlorobenzene	ND	260
1,2-Dichlorobenzene	ND	260

Client ID: **SSSR-1_4-4.5**
Site: Klockner & Klockner

Lab Sample No: **88681**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9579.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 11.5

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	138
Chloromethane	ND	138
Vinyl Chloride	ND	138
Bromomethane	ND	138
Chloroethane	ND	138
Trichlorofluoromethane	ND	138
1,1-Dichloroethene	ND	138
Methylene Chloride	ND	138
trans-1,2-Dichloroethene	ND	138
1,1-Dichloroethane	ND	138
cis-1,2-Dichloroethene	ND	138
Chloroform	ND	138
1,1,1-Trichloroethane	ND	138
Carbon Tetrachloride	ND	138
1,2-Dichloroethane	ND	138
Trichloroethene	159	138
1,2-Dichloropropane	ND	138
Bromodichloromethane	ND	138
2-Chloroethyl Vinyl Ether	ND	138
cis-1,3-Dichloropropene	ND	138
trans-1,3-Dichloropropene	ND	138
1,1,2-Trichloroethane	ND	138
Tetrachloroethene	ND	138
Dibromochloromethane	ND	138
Chlorobenzene	ND	138
Bromoform	ND	138
1,1,2,2-Tetrachloroethane	ND	138
1,3-Dichlorobenzene	ND	138
1,4-Dichlorobenzene	ND	138
1,2-Dichlorobenzene	ND	138

Client ID: **SSSR-4_4-4.5**
Site: Klockner & Klockner

Lab Sample No: **88682**
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9586.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 12.1

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	138
Chloromethane	ND	138
Vinyl Chloride	ND	138
Bromomethane	ND	138
Chloroethane	ND	138
Trichlorofluoromethane	ND	138
1,1-Dichloroethene	ND	138
Methylene Chloride	ND	138
trans-1,2-Dichloroethene	ND	138
1,1-Dichloroethane	ND	138
cis-1,2-Dichloroethene	ND	138
Chloroform	ND	138
1,1,1-Trichloroethane	ND	138
Carbon Tetrachloride	ND	138
1,2-Dichloroethane	ND	138
Trichloroethene	712	138
1,2-Dichloropropane	ND	138
Bromodichloromethane	ND	138
2-Chloroethyl Vinyl Ether	ND	138
cis-1,3-Dichloropropene	ND	138
trans-1,3-Dichloropropene	ND	138
1,1,2-Trichloroethane	ND	138
Tetrachloroethene	ND	138
Dibromochloromethane	ND	138
Chlorobenzene	ND	138
Bromoform	ND	138
1,1,2,2-Tetrachloroethane	ND	138
1,3-Dichlorobenzene	ND	138
1,4-Dichlorobenzene	ND	138
1,2-Dichlorobenzene	ND	138

Client ID: **SSSP-1 4-4.5**
Site: **Klockner & Klockner**

Lab Sample No: 88666
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 10.0

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	8480	12.9		P
Antimony	ND	1.0	N	P
Arsenic	21.1	0.84		P
Barium	202	0.31		P
Beryllium	0.52	0.044		P
Cadmium	0.80	0.089	B	P
Calcium	11400	9.4		P
Chromium	14.6	0.22	*	P
Cobalt	4.9	0.27	B	P
Copper	50.4	0.78		P
Iron	14400	9.2		P
Lead	315	0.56		P
Magnesium	2200	9.0		P
Manganese	251	0.24	*	P
Mercury	1.9	0.037		CV
Nickel	10.1	0.47		P
Potassium	818	66.7	B	P
Selenium	ND	1.1		P
Silver	ND	0.31		P
Sodium	257	94.7	B	P
Thallium	ND	1.1		P
Vanadium	21.4	0.42		P
Zinc	294	1.0	*	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **SSFS-2 0-0.5**
Site: **Klockner & Klockner**

Lab Sample No: 88677
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 4.5

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	5550	12.2		P
Antimony	ND	0.96	N	P
Arsenic	2.7	0.80		P
Barium	71.4	0.29		P
Beryllium	0.39	0.042	B	P
Cadmium	1.0	0.084	B	P
Calcium	4230	8.8		P
Chromium	40.3	0.21	*	P
Cobalt	15.6	0.25		P
Copper	63.6	0.73		P
Iron	25000	8.7		P
Lead	70.2	0.52		P
Magnesium	3420	8.4		P
Manganese	217	0.23	*	P
Mercury	0.05	0.017		CV
Nickel	27.1	0.44		P
Potassium	1660	62.9		P
Selenium	ND	1.0		P
Silver	ND	0.29		P
Sodium	ND	89.2		P
Thallium	ND	1.0		P
Vanadium	53.0	0.40		P
Zinc	334	0.94	*	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **SSLP-1 12-12.5**
Site: **Klockner & Klockner**

Lab Sample No: 88683
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 4.1

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	3040	12.1		P
Antimony	ND	0.96	N	P
Arsenic	4.5	0.79		P
Barium	15.7	0.29	B	P
Beryllium	0.52	0.042		P
Cadmium	ND	0.083		P
Calcium	102000	44.0		P
Chromium	6.1	0.21	*	P
Cobalt	5.3	0.25	B	P
Copper	12.0	0.73		P
Iron	14200	8.7		P
Lead	6.6	0.52		P
Magnesium	58000	42.0		P
Manganese	276	0.23	*	P
Mercury	ND	0.017		CV
Nickel	9.7	0.44		P
Potassium	876	62.6	B	P
Selenium	ND	1.0		P
Silver	ND	0.29		P
Sodium	138	88.8	B	P
Thallium	ND	1.0		P
Vanadium	9.9	0.40	B	P
Zinc	38.2	0.94	*	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **SSGT-2 7-7.5**
Site: **Klockner & Klockner**

Lab Sample No: 88684
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 6.6

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Lead	2.6	0.54		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **SSGT-1 7-7.5**
Site: **Klockner & Klockner**

Lab Sample No: 88685
Lab Job No: H950

Date Sampled: 10/07/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 7.8

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Lead	4.7	0.54		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Site: Klockner & Klockner

Lab Job No: H950

Date Sampled: 10/7/98
Date Received: 10/7/98
Matrix: SOIL

Date Analyzed: 10/14/98
QA Batch: 1402

TOTAL ORGANIC CARBON

Envirotech Sample #	Client ID	% Moisture	Dilution Factor	Analytical Result mg/kg (Dry Wt.)
88670	SSGC-2_1-3	17.4	4.0	14900
88673	SSGC-3_1-4	18.5	4.0	6660
88680	SSGC-4_4-7	3.7	2.0	390

Quantitation Limit for Total Organic Carbon is 100 mg/kg for an undiluted sample.

Site: Klockner & Klockner

Lab Job No: H950

Date Sampled: 10/7/98
Date Received: 10/7/98
Matrix: SOIL

Date Extracted: 10/12/98
Date Analyzed: 10/12/98
QA Batch: 4638

TOTAL PETROLEUM HYDROCARBONS (418.1)

Envirotech Sample #	Client ID	% Moisture	Dilution Factor	Analytical Result mg/kg (Dry Wt.)
88666	SSSP-1_4-4.5	10.0	1.0	89.0
88677	SSFS-2_0-0.5	4.5	5.0	1490

Quantitation Limit for Total Petroleum Hydrocarbons (418.1) is 25.0 mg/kg for an undiluted sample.

CHAIN-OF-CUSTODY

PROJECT NAME: Klockner & Klockner
PROJECT NO: 95-03-02 Envirotech Research # 809003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/7/98
SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

H950

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
—	TRIP BLANK		N/A	MEOH		ICE	1	88662
1405	FIELD BLANK	FB-2	N/A	H_2O	TCL VOC	ICE/HCl	2	88663
1045	ALLEYWAY	SSAW-7	5-5.5	SOIL	PHAL 8021	ICE/MEOH	2	88664
1046	ALLEYWAY	SSAW-7	12-12.5	SOIL	PHAL 8021	ICE/MEOH	2	88665
1105	SUMP	SSSP-1	4-4.5	SOIL	TCL VOC, PHC, TAL METALS, *BNTIS	ICE/MEOH	3	88666
1152	ALLEY WAY	SSAW-9	1-1.5	SOIL	PHAL (8021)	ICE/MEOH	2	88667
1155	ALLEY WAY	SSAW-10	1-1.5	SOIL	PHAL (8021)	ICE/MEOH	2	88668
1210	ALLEY WAY	SSAW-9	11.5-12'	SOIL	PHAL (8021)	ICE/MEOH	2	88669
1200	GEOLOGICAL CHARACTERISTIC	SSGC-2	1-3'	SOIL	TOC, GRAINSIZE	ICE	2	88670
1235	ALLEYWAY	SSAW-2	1.5-2'	SOIL	PHAL (8021)	ICE/MEOH	2	88671
1243	ALLEY WAY	SSAW-2	7.5-8'	SOIL	PHAL (8021)	ICE/MEOH	2	88672
1245	GEOLOGICAL CHARACTERISTICS	SSGC-3	1-4'	SOIL	TOC, GRAIN SIZE	ICE	2	88673

RELINQUISHED BY: Cheryl Coffee DATE: 10/7/98 TIME: 1745 RECEIVED BY: [signature] DATE: 10/7/98 TIME 1745

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN: BASE NEUTRALS WITH LIBRARY SEARCH
AE: ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM: PRIORITY POLLUTANT METALS
PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE
TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300845

PROJECT NAME: Klockner & Klockner
PROJECT NO: 95-03-02 Envirotech # 809003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Sickle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/7/98
SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

H950

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
1303	SCALE ROOM	SSSR-2	0-.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88674
1320	SCALE ROOM	SSSR-3	0-.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88675
1351	DRUM STORAGE AREA	SSDSA-2	0-.5'	SOIL	CN	ICE	1	88676
1354	DRUM STORAGE SHED	SSFS-2	0-.5	SOIL	PHC, TAL METALS*, BN+IS	ICE	1	BN CONTINGENT 88677
1438	ALLEY WAY	SSAW-4	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88678
1445	ALLEY WAY	SSAW-4	9.5-10'	SOIL	PHAL (8021)	ICE/MEOH	2	88679
1450	GEOLOGICAL CHARACTERISTICS	SSGC-4	4-7'	SOIL	TOC, GRAIN SIZE	ICE	2	88680
1515	SCALE ROOM	SSSR-1	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88681
1520	SCALE ROOM	SSSR-4	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88682
1530	LEACH PIT	SSLP-1	12-12.5	SOIL	TAL METALS	ICE	1	88683
1615	GAS TANK	SSGT-2	7-7.5	SOIL	TCL VOC	ICE/MEOH	2	88684
1625	GAS TANK	SSGT-4	7-7.5	SOIL	TCL VOC, Pb	ICE/MEOH	3	88685

RELINQUISHED BY: Cheryl L. Coffee DATE: 10/7/98 TIME: 1745 RECEIVED BY: [signature] DATE: 1745 TIME 10/7/98

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

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PPM: PRIORITY POLLUTANT METALS
PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE
TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300846

PROJECT NAME: [illegible]

PROJECT NO: 93-03-02 Envirotech # 809003

LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Ninth Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/7/98

SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

4950

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
1630	GAS TANK	SSGT-3	7-7.5	SOIL	TCL VOC	ICE/MEOH	2	886 86

RELINQUISHED BY: Cheryl Coffee DATE: 10/7/98 TIME: 1745 RECEIVED BY: [illegible] DATE: 1745 TIME 10/7/98

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

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VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH

PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH

BN: BASE NEUTRALS WITH LIBRARY SEARCH

AE: ACID EXTRACTABLES WITH LIBRARY SEARCH

PPM: PRIORITY POLLUTANT METALS

PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE

FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300847

ENVIROTECH RESEARCH, INC.

777 New Durham Road
Edison, New Jersey 08817
Tel: (732) 549-3900
Fax: (732) 549-3679
www.enviro-lab.com

- 3 1998
The Whitman Companies, Inc.

October 29, 1998

The Whitman Companies, Inc.
44 West Ferris Street
East Brunswick, NJ 08816

Attention: Dr. Ira Whitman

Re: SDG No. H9411 - Klockner & Klockner (Inorganics)

Dear Dr. Whitman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on October 07, 1998:

Lab No.	Client ID	Analysis Required
88548	FB-1	CLP CN
88564	SSDSA-1_0-0.5	CLP CN
88676	SSDSA-2_0-0.5	CLP CN

An invoice for our services is also enclosed. If you have any questions please contact your Project Manager, Robert McGrady, at (732) 549-3900.

Very truly yours,

Michael J. Urban
Laboratory Manager

300848

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

A-1_0-0.5

Lab Name: ENVIROTECH_RESEARCH_INC._ Contract: _____

Lab Code: 12543_ Case No.: _____ SAS No.: _____ SDG No.: H9411_

Matrix (soil/water): SOIL_ Lab Sample ID: 88564

Level (low/med): LOW__ Date Received: 10/07/98

% Solids: _92.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron_____				NR
7439-92-1	Lead_____				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc_____				NR
5955-70-0	Cyanide__	0.54	U		C_

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SSDSA-1_0-0.5

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

A-2_0-0.5

Lab Name: ENVIROTECH_RESEARCH_INC._ Contract: _____

Lab Code: 12543_ Case No.: _____ SAS No.: _____ SDG No.: H9411_

Matrix (soil/water): SOIL_ Lab Sample ID: 88676

Level (low/med): LOW__ Date Received: 10/07/98

% Solids: _85.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
5955-70-0	Cyanide__	0.59	U		C_

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

SSDSA-2_0-0.5

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

FB-1

Lab Name: ENVIROTECH_RESEARCH_INC._ Contract: _____

Lab Code: 12543_ Case No.: _____ SAS No.: _____ SDG No.: H9411_

Matrix (soil/water): WATER Lab Sample ID: 88548

Level (low/med): LOW__ Date Received: 10/07/98

% Solids: __0.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__				NR
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron____				NR
7439-92-1	Lead____				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___				NR
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc____				NR
5955-70-0	Cyanide__	10.0	U		C_

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02 Envirotech # 809003

LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/6/98

SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
4:00	FIELD BLANK	FB-1	N/A	H_2O	BN, TAL METALS, PHC, CN	ICE/H_2SO_4 HNO_3, NaOH	4	88548
4:00	ALLEYWAY (SS AW-3)	SSGC-1	1-4'	SOIL	GRAIN SIZE, TOC	ICE	2	88549
—	TRIP BLANK	TB-1	N/A	~~HECH~~ Water	VOC 8260 (TCL)	HCL ICE	2	88550
11:20	ALLEYWAY	SSAW-8	5.5-6'	SOIL	PHAL 8021	MEOH/ICE	2	88551
3:30	ALLEYWAY	SSAW-3	1-1.5'	SOIL	PHAL 8021	MEOH/ICE	2	88552
3:30	ALLEYWAY	SSAW-3	11.5-12'	SOIL	PHAL 8021	MEOH/ICE	2	88553
2:40	WASTE OIL TANK	SSWT-1	7-7.5'	SOIL	PHAL 8021	MEOH/ICE	2	88554
1:30	ALLEYWAY	SSAW-1	2.5-3	SOIL	PHAL 8021	MEOH/ICE	2	88555
2:00	ALLEYWAY	SSAW-1	13-13.5	SOIL	PHAL 8021	MEOH/ICE	2	88556
10:30	NORTH DRUM STORAGE	SSNDS-2	1.5-2'	SOIL	VOC'S 8260 (TCL)	MEOH/ICE	2	88557
11:30	ALLEYWAY	SSAW-8	11-11.5	SOIL	PHAL 8021	MEOH/ICE	2	88558
1010	NORTH DRUM STORAGE	SSNDS-1A	1-1.5	SOIL	VOC'S 8260 (TCL)	MEOH/ICE	2	88559

RELINQUISHED BY: [signature] DATE: 10/7/98 TIME: 0830 RECEIVED BY: [signature] DATE: 10.7.98 TIME: 0830

RELINQUISHED BY: [signature] DATE: 10/7/98 TIME: 0830 RECEIVED BY: [signature] DATE: 10/7/98 TIME: 0930

Full CLP Deliverables

TOTAL NO. CONTAINERS 26

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS

VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH

PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH

BN: BASE NEUTRALS WITH LIBRARY SEARCH

AE: ACID EXTRACTABLES WITH LIBRARY SEARCH

PPM: PRIORITY POLLUTANT METALS

PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE

FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300852

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02 Envirotech # 809003

LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/6/98

SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
12:15	DRUM STORAGE SHED	SSFS-1	.5-1'	SOIL	VOC'S 8260 (TCL)	ICE/MEOH	2	88560
2:20	WASTE OIL TANK	SSWT-2	7-7.5	SOIL	PHAL 8021	ICE/MEOH	2	88561
10:10	NORTH DRUM STORAGE	SSNDS-1A	0-.5	SOIL	PHC, *BN, TAL METALS	ICE/MEOH	~~1~~ LW	88562
10:30	NORTH DRUM STORAGE	SSNDS-2A	0-.5	SOIL	PHC, *BN, TAL METALS	ICE/MEOH	~~1~~ LW	88563
11:50	DRUM STORAGE ALLEYWAY	SSDSA-1	0-.5	SOIL	CN, TAL METALS	ICE/MEOH	1 2 LW	88564
12.15	DRUM STORAGE SHED	SSFS-1	0-.5	SOIL	*BN+15, TAL METALS, PHC	ICE/MEOH	1 2 LW	88565
11:40	CATCH BASIN	SSCB-1	2-2.5	SOIL	BN+15, TAL METALS	ICE/MEOH	1 2 LW	88566
2:40 (1)	WASTE OIL TANK	SSWT-1 (1)	7-7.5	SOIL	TAL METALS	ICE	1	88567
—	~~TRIPBLANK~~	~~TB-1~~	—	~~MEOH~~	~~VOC 8021~~	~~ICE/MEOH~~	~~1~~	~~LW~~
12:00	DRUM STORAGE ALLEYWAY	SSDSA-1	~~1.5~~ 2	SOIL	PHAL 8021	ICE/MEOH	2	88568
5:05 PM	Alley way	SSAW-6	2-2.5	SOIL	PHAL 8021	ICE/MEOH	2	88569
5:10	Alleyway	SSAW-6	9-9.5	SOIL	PHAL 8021	ICE/MEOH	2	88670

RELINQUISHED BY: Cheryl L Coffee DATE: 10/7/98 TIME 8:30 RECEIVED BY: Wayne [illegible] DATE: 10/7/98 TIME 08:30

RELINQUISHED BY: Wayne [illegible] DATE: 10/7/98 TIME: 0930 RECEIVED BY: [illegible] DATE: 10/7/98 TIME 0930

TOTAL NO. CONTAINERS 17

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN: BASE NEUTRALS WITH LIBRARY SEARCH
AE: ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM: PRIORITY POLLUTANT METALS
PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300853

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02 Envirotech # 809003

LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/7/98

SAMPLER(S): Cheryl L. Coffee / L. WESTOTT

H950

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
1303	SCALE ROOM	SSSR-2	0-.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88674
1320	SCALE ROOM	SSSR-3	0-.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88675
1351	DRUM STORAGE AREA	SSDSA-2	0-.5'	SOIL	CN	ICE	1	88676
1354	DRUM STORAGE SHED	SSFS-2	0-.5	SOIL	PHC, TAL METALS, BN+IS	ICE	1	BN CONTINGENT 88677
1438	ALLEY WAY	SSAW-4	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88678
1445	ALLEY WAY	SSAW-4	9.5-10'	SOIL	PHAL (8021)	ICE/MEOH	2	88679
1450	GEOLOGICAL CHARACTERISTICS	SSGC-4	4-7'	SOIL	TOC, GRAIN SIZE	ICE	2	88680
1515	SCALE ROOM	SSSR-1	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88681
1520	SCALE ROOM	SSSR-4	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88682
1530	LEACH PIT	SSLP-1	12-12.5	SOIL	TAL METALS	ICE	1	88683
1615	GAS TANK	SSGT-2	7-7.5	SOIL	TCL VOC	ICE/MEOH	2	88684
1625	GAS TANK	SSGT-4	7-7.5	SOIL	TCL VOC, Pb	ICE/MEOH	3	88685

RELINQUISHED BY: Cheryl L Coffee DATE: 10/7/98 TIME: 1745 RECEIVED BY: [signature] DATE: 1745 TIME 10/7/98

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS

VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH

PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH

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PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE

FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300854

ENVIROTECH RESEARCH, INC.

777 New Durham Road
Edison, New Jersey 08817
Tel: (732) 549-3900
Fax: (732) 549-3679
www.enviro-lab.com

RECEIVED
1998
The Whitman Companies, Inc.

November 3, 1998

The Whitman Companies, Inc.
44 West Ferris Street
East Brunswick, NJ 08816

Attention: Dr. Ira Whitman

Re: Job No. H941 - Klockner & Klockner

Dear Dr. Whitman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on October 07, 1998:

Lab No.	Client ID	Analysis Required
88548	FB-1	TCL BN+10, TAL Metals, PHC
88549	SSGC-1_1-4	TOC
88550	TB-1	TCL VOA+10
88551	SSAW-8_5.5-6	Purgeable Halocarbons
88552	SSAW-3_1-1.5	Purgeable Halocarbons
88553	SSAW-3_11.5-12	Purgeable Halocarbons
88554	SSWT-1_7-7.5	Purgeable Halocarbons
88555	SSAW-1_2.5-3	Purgeable Halocarbons
88556	SSAW-1_13-13.5	Purgeable Halocarbons
88557	SSNDS-2_1.5-2	TCL VOA+10
88558	SSAN-8_11-11.5	Purgeable Halocarbons
88559	SSNDS-1A_1-1.5	TCL VOA+10
88560	SSFS-1_.5-1	TCL VOA+10
88561	SSWT-2_7-7.5	Purgeable Halocarbons
88562	SSNDS-1A_0-0.5	TCL BN+10, TAL Metals, PHC
88563	SSNDS-2A_0-0.5	TCL BN+10, TAL Metals, PHC
88564	SSDSA-1_0-0.5	TAL Metals

300855

ENVIROTECH RESEARCH, INC.

Lab No.	Client ID	Analysis Required
88565	SSFS-1_0-0.5	TCL BN+10, TAL Metals, PHC
88566	SSCB-1_2-2.5	TCL BN+10, TAL Metals
88567	SSWT-1_7-7.5	TAL Metals
88568	SSDSA-1_1.5-2	Purgeable Halocarbons
88569	SSAW-6_2-2.5	Purgeable Halocarbons
88570	SSAW-6_9-9.5	Purgeable Halocarbons

An invoice for our services is also enclosed. If you have any questions please contact your Project Manager, Robert McGrady, at (732) 549-3900.

Very truly yours,

Michael J. Urban
Laboratory Manager

Client ID: **FB-1**
Site: Klockner & Klockner

Lab Sample No: **88548**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/09/98
Date Analyzed: 10/15/98
GC Column: DB-5
Instrument ID: BNAMS5.i
Lab File ID: q7549.d

Matrix: WATER
Level: LOW
Sample Volume: 930 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
bis(2-Chloroethyl)ether	ND	1.1
1,3-Dichlorobenzene	ND	11
1,4-Dichlorobenzene	ND	11
1,2-Dichlorobenzene	ND	11
bis(2-chloroisopropyl)ether	ND	11
N-Nitroso-di-n-propylamine	ND	1.1
Hexachloroethane	ND	1.1
Nitrobenzene	ND	1.1
Isophorone	ND	11
bis(2-Chloroethoxy)methane	ND	11
1,2,4-Trichlorobenzene	ND	1.1
Naphthalene	ND	11
4-Chloroaniline	ND	11
Hexachlorobutadiene	ND	2.2
2-Methylnaphthalene	ND	11
Hexachlorocyclopentadiene	ND	11
2-Chloronaphthalene	ND	11
2-Nitroaniline	ND	22
Dimethylphthalate	ND	11
Acenaphthylene	ND	11
2,6-Dinitrotoluene	ND	2.2
3-Nitroaniline	ND	22
Acenaphthene	ND	11
Dibenzofuran	ND	11
2,4-Dinitrotoluene	ND	2.2
Diethylphthalate	ND	11
4-Chlorophenyl-phenylether	ND	11
Fluorene	ND	11
4-Nitroaniline	ND	22
N-Nitrosodiphenylamine	ND	11
4-Bromophenyl-phenylether	ND	11
Hexachlorobenzene	ND	1.1
Phenanthrene	ND	11
Anthracene	ND	11

Client ID: **FB-1**
Site: Klockner & Klockner

Lab Sample No: **88548**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/09/98
Date Analyzed: 10/15/98
GC Column: DB-5
Instrument ID: BNAMS5.i
Lab File ID: q7549.d

Matrix: WATER
Level: LOW
Sample Volume: 930 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Carbazole	ND	11
Di-n-butylphthalate	ND	11
Fluoranthene	ND	11
Pyrene	ND	11
Butylbenzylphthalate	ND	11
3,3'-Dichlorobenzidine	ND	22
Benzo(a)anthracene	ND	1.1
Chrysene	ND	11
bis(2-Ethylhexyl)phthalate	ND	11
Di-n-octylphthalate	ND	11
Benzo(b)fluoranthene	ND	1.1
Benzo(k)fluoranthene	ND	1.1
Benzo(a)pyrene	ND	1.1
Indeno(1,2,3-cd)pyrene	ND	1.1
Dibenz(a,h)anthracene	ND	1.1
Benzo(g,h,i)perylene	ND	11

Client ID: **FB-1**
Site: Klockner & Klockner

Lab Sample No: **88548**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/09/98
Date Analyzed: 10/15/98
GC Column: DB-5
Instrument ID: BNAMS5.i
Lab File ID: q7549.d

Matrix: WATER
Level: LOW
Sample Volume: 930 ml
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **TB-1**
Site: Klockner & Klockner

Lab Sample No: **88550**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/18/98
GC Column: DB624
Instrument ID: VOAMS2.i
Lab File ID: b8532.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 8260

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Chloromethane	ND	5.0
Bromomethane	ND	5.0
Vinyl Chloride	ND	5.0
Chloroethane	ND	5.0
Methylene Chloride	ND	3.0
Acetone	ND	5.0
Carbon Disulfide	ND	5.0
1,1-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	5.0
1,2-Dichloroethane	ND	2.0
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	5.0
Carbon Tetrachloride	ND	2.0
Bromodichloromethane	ND	1.0
1,2-Dichloropropane	ND	1.0
cis-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	1.0
Dibromochloromethane	ND	5.0
1,1,2-Trichloroethane	ND	3.0
Benzene	ND	1.0
trans-1,3-Dichloropropene	ND	5.0
Bromoform	ND	4.0
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
Toluene	ND	5.0
Chlorobenzene	ND	5.0
Ethylbenzene	ND	4.0
Styrene	ND	5.0
Xylene (Total)	ND	5.0

Client ID: **TB-1**
Site: Klockner & Klockner

Lab Sample No: **88550**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/18/98
GC Column: DB624
Instrument ID: VOAMS2.i
Lab File ID: b8532.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **SSNDS-2_1.5-2**
Site: Klockner & Klockner

Lab Sample No: **88557**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/15/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4656.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11.0 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 8

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	620
Bromomethane	ND	620
Vinyl Chloride	ND	620
Chloroethane	ND	620
Methylene Chloride	ND	370
Acetone	ND	620
Carbon Disulfide	ND	620
1,1-Dichloroethene	ND	250
1,1-Dichloroethane	ND	620
trans-1,2-Dichloroethene	ND	620
cis-1,2-Dichloroethene	93 J	620
Chloroform	ND	620
1,2-Dichloroethane	ND	250
2-Butanone	ND	620
1,1,1-Trichloroethane	ND	620
Carbon Tetrachloride	ND	250
Bromodichloromethane	ND	120
1,2-Dichloropropane	ND	120
cis-1,3-Dichloropropene	ND	620
Trichloroethene	6200	120
Dibromochloromethane	ND	620
1,1,2-Trichloroethane	ND	370
Benzene	ND	120
trans-1,3-Dichloropropene	ND	620
Bromoform	ND	490
4-Methyl-2-Pentanone	ND	620
2-Hexanone	ND	620
Tetrachloroethene	130	120
1,1,2,2-Tetrachloroethane	ND	120
Toluene	ND	620
Chlorobenzene	ND	620
Ethylbenzene	ND	490
Styrene	ND	620
Xylene (Total)	ND	620

Client ID: **SSNDS-2_1.5-2**
Site: Klockner & Klockner

Lab Sample No: **88557**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/15/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4656.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11.0 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 7.7

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
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TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **SSNDS-1A_1-1.5**
Site: Klockner & Klockner

Lab Sample No: **88559**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAMS1.i
Lab File ID: a6473.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11.2 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 500.0
% Moisture: 15

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	6500
Bromomethane	ND	6500
Vinyl Chloride	ND	6500
Chloroethane	ND	6500
Methylene Chloride	ND	3900
Acetone	ND	6500
Carbon Disulfide	ND	6500
1,1-Dichloroethene	ND	2600
1,1-Dichloroethane	ND	6500
trans-1,2-Dichloroethene	ND	6500
cis-1,2-Dichloroethene	1300 J	6500
Chloroform	ND	6500
1,2-Dichloroethane	ND	2600
2-Butanone	ND	6500
1,1,1-Trichloroethane	ND	6500
Carbon Tetrachloride	ND	2600
Bromodichloromethane	ND	1300
1,2-Dichloropropane	ND	1300
cis-1,3-Dichloropropene	ND	6500
Trichloroethene	90000	1300
Dibromochloromethane	ND	6500
1,1,2-Trichloroethane	ND	3900
Benzene	ND	1300
trans-1,3-Dichloropropene	ND	6500
Bromoform	ND	5200
4-Methyl-2-Pentanone	ND	6500
2-Hexanone	ND	6500
Tetrachloroethene	ND	1300
1,1,2,2-Tetrachloroethane	ND	1300
Toluene	ND	6500
Chlorobenzene	ND	6500
Ethylbenzene	ND	5200
Styrene	ND	6500
Xylene (Total)	ND	6500

Client ID: **SSNDS-1A_1-1.5**
Site: Klockner & Klockner

Lab Sample No: **88559**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAMS1.i
Lab File ID: a6473.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11.2 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 500.0
% Moisture: 14.6

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
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TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **SSFS-1_.5-1**
Site: Klockner & Klockner

Lab Sample No: **88560**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/16/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4675.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.7 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 100.0
% Moisture: 8

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	1300
Bromomethane	ND	1300
Vinyl Chloride	ND	1300
Chloroethane	ND	1300
Methylene Chloride	ND	760
Acetone	ND	1300
Carbon Disulfide	ND	1300
1,1-Dichloroethene	ND	510
1,1-Dichloroethane	ND	1300
trans-1,2-Dichloroethene	ND	1300
cis-1,2-Dichloroethene	1200 J	1300
Chloroform	ND	1300
1,2-Dichloroethane	ND	510
2-Butanone	ND	1300
1,1,1-Trichloroethane	ND	1300
Carbon Tetrachloride	ND	510
Bromodichloromethane	ND	250
1,2-Dichloropropane	ND	250
cis-1,3-Dichloropropene	ND	1300
Trichloroethene	23000	250
Dibromochloromethane	ND	1300
1,1,2-Trichloroethane	ND	760
Benzene	ND	250
trans-1,3-Dichloropropene	ND	1300
Bromoform	ND	1000
4-Methyl-2-Pentanone	ND	1300
2-Hexanone	ND	1300
Tetrachloroethene	ND	250
1,1,2,2-Tetrachloroethane	ND	250
Toluene	ND	1300
Chlorobenzene	ND	1300
Ethylbenzene	ND	1000
Styrene	ND	1300
Xylene (Total)	ND	1300

Client ID: **SSFS-1_.5-1**
Site: Klockner & Klockner

Lab Sample No: **88560**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/16/98
GC Column: DB624
Instrument ID: VOAMS5.i
Lab File ID: e4675.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10.7 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 100.0
% Moisture: 8.1

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Unknown Siloxane	15.87	2400	
2.			
3.			
4.			
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TOTAL ESTIMATED CONCENTRATION		2400	

Client ID: **SSNDS-1A_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88562**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/20/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8301.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 11

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	37
1,3-Dichlorobenzene	ND	370
1,4-Dichlorobenzene	ND	370
1,2-Dichlorobenzene	ND	370
bis(2-chloroisopropyl)ether	ND	370
N-Nitroso-di-n-propylamine	ND	37
Hexachloroethane	ND	37
Nitrobenzene	ND	37
Isophorone	ND	370
bis(2-Chloroethoxy)methane	ND	370
1,2,4-Trichlorobenzene	ND	37
Naphthalene	ND	370
4-Chloroaniline	ND	370
Hexachlorobutadiene	ND	75
2-Methylnaphthalene	ND	370
Hexachlorocyclopentadiene	ND	370
2-Chloronaphthalene	ND	370
2-Nitroaniline	ND	750
Dimethylphthalate	ND	370
Acenaphthylene	23 J	370
2,6-Dinitrotoluene	ND	75
3-Nitroaniline	ND	750
Acenaphthene	ND	370
Dibenzofuran	ND	370
2,4-Dinitrotoluene	ND	75
Diethylphthalate	ND	370
4-Chlorophenyl-phenylether	ND	370
Fluorene	ND	370
4-Nitroaniline	ND	750
N-Nitrosodiphenylamine	ND	370
4-Bromophenyl-phenylether	ND	370
Hexachlorobenzene	ND	37
Phenanthrene	130 J	370
Anthracene	18 J	370

Client ID: **SSNDS-1A_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88562**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/20/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8301.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 11

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	11 J	370
Di-n-butylphthalate	ND	370
Fluoranthene	220 J	370
Pyrene	240 J	370
Butylbenzylphthalate	ND	370
3,3'-Dichlorobenzidine	ND	750
Benzo(a)anthracene	97	37
Chrysene	150 J	370
bis(2-Ethylhexyl)phthalate	ND	370
Di-n-octylphthalate	ND	370
Benzo(b)fluoranthene	180	37
Benzo(k)fluoranthene	92	37
Benzo(a)pyrene	110	37
Indeno(1,2,3-cd)pyrene	46	37
Dibenz(a,h)anthracene	14 J	37
Benzo(g,h,i)perylene	36 J	370

Client ID: **SSNDS-1A_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88562**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/20/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8301.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 11.1

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. NO SEMI-VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
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6.			
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TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **SSNDS-2A_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88563**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/20/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8302.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 11

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	38
1,3-Dichlorobenzene	ND	380
1,4-Dichlorobenzene	ND	380
1,2-Dichlorobenzene	ND	380
bis(2-chloroisopropyl)ether	ND	380
N-Nitroso-di-n-propylamine	ND	38
Hexachloroethane	ND	38
Nitrobenzene	ND	38
Isophorone	ND	380
bis(2-Chloroethoxy)methane	ND	380
1,2,4-Trichlorobenzene	ND	38
Naphthalene	ND	380
4-Chloroaniline	ND	380
Hexachlorobutadiene	ND	75
2-Methylnaphthalene	ND	380
Hexachlorocyclopentadiene	ND	380
2-Chloronaphthalene	ND	380
2-Nitroaniline	ND	750
Dimethylphthalate	ND	380
Acenaphthylene	18 J	380
2,6-Dinitrotoluene	ND	75
3-Nitroaniline	ND	750
Acenaphthene	ND	380
Dibenzofuran	ND	380
2,4-Dinitrotoluene	ND	75
Diethylphthalate	ND	380
4-Chlorophenyl-phenylether	ND	380
Fluorene	ND	380
4-Nitroaniline	ND	750
N-Nitrosodiphenylamine	ND	380
4-Bromophenyl-phenylether	ND	380
Hexachlorobenzene	ND	38
Phenanthrene	43 J	380
Anthracene	16 J	380

Client ID: **SSNDS-2A_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88563**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/20/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8302.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 11

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)		Quantitation Limit Units: ug/kg
Carbazole	ND		380
Di-n-butylphthalate	ND		380
Fluoranthene	140	J	380
Pyrene	170	J	380
Butylbenzylphthalate	ND		380
3,3'-Dichlorobenzidine	ND		750
Benzo(a)anthracene	100		38
Chrysene	110	J	380
bis(2-Ethylhexyl)phthalate	23	J	380
Di-n-octylphthalate	ND		380
Benzo(b)fluoranthene	160		38
Benzo(k)fluoranthene	66		38
Benzo(a)pyrene	94		38
Indeno(1,2,3-cd)pyrene	34	J	38
Dibenz(a,h)anthracene	11	J	38
Benzo(g,h,i)perylene	27	J	380

Client ID: **SSNDS-2A_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88563**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/20/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8302.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 11.2

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Unknown	9.64	6800	
2.			
3.			
4.			
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TOTAL ESTIMATED CONCENTRATION 6800

Client ID: **SSFS-1_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88565**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/21/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8315.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 11

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	37
1,3-Dichlorobenzene	ND	370
1,4-Dichlorobenzene	ND	370
1,2-Dichlorobenzene	ND	370
bis(2-chloroisopropyl)ether	ND	370
N-Nitroso-di-n-propylamine	ND	37
Hexachloroethane	ND	37
Nitrobenzene	ND	37
Isophorone	ND	370
bis(2-Chloroethoxy)methane	ND	370
1,2,4-Trichlorobenzene	ND	37
Naphthalene	ND	370
4-Chloroaniline	ND	370
Hexachlorobutadiene	ND	75
2-Methylnaphthalene	ND	370
Hexachlorocyclopentadiene	ND	370
2-Chloronaphthalene	ND	370
2-Nitroaniline	ND	750
Dimethylphthalate	ND	370
Acenaphthylene	48 J	370
2,6-Dinitrotoluene	ND	75
3-Nitroaniline	ND	750
Acenaphthene	8.1J	370
Dibenzofuran	ND	370
2,4-Dinitrotoluene	ND	75
Diethylphthalate	ND	370
4-Chlorophenyl-phenylether	ND	370
Fluorene	14 J	370
4-Nitroaniline	ND	750
N-Nitrosodiphenylamine	ND	370
4-Bromophenyl-phenylether	ND	370
Hexachlorobenzene	ND	37
Phenanthrene	130 J	370
Anthracene	47 J	370

Client ID: **SSFS-1_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88565**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/21/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8315.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 11

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	12 J	370
Di-n-butylphthalate	ND	370
Fluoranthene	290 J	370
Pyrene	360 J	370
Butylbenzylphthalate	1000	370
3,3'-Dichlorobenzidine	ND	750
Benzo(a)anthracene	170	37
Chrysene	220 J	370
bis(2-Ethylhexyl)phthalate	260 J	370
Di-n-octylphthalate	ND	370
Benzo(b)fluoranthene	270	37
Benzo(k)fluoranthene	120	37
Benzo(a)pyrene	180	37
Indeno(1,2,3-cd)pyrene	74	37
Dibenz(a,h)anthracene	25 J	37
Benzo(g,h,i)perylene	59 J	370

Client ID: **SSFS-1_0-0.5**
Site: Klockner & Klockner

Lab Sample No: **88565**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/15/98
Date Analyzed: 10/21/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8315.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 10.8

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Tricresylphosphate isomer	25.32	320	
2. Tricresylphosphate isomer	25.53	620	
3. Unknown	25.58	300	
4. Unknown	25.80	540	
5. C20H12 PAH/Unknown	27.46	630	
6. Unknown	27.67	560	
7. Unknown	28.12	1100	
8. Unknown	29.04	520	
9. Unknown	29.55	2300	
10. Unknown	30.68	1800	
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TOTAL ESTIMATED CONCENTRATION		8690	

Client ID: **SSCB-1_2-2.5**
Site: Klockner & Klockner

Lab Sample No: **88566**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/14/98
Date Analyzed: 10/21/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8316.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 12

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	38
1,3-Dichlorobenzene	ND	380
1,4-Dichlorobenzene	ND	380
1,2-Dichlorobenzene	ND	380
bis(2-chloroisopropyl)ether	ND	380
N-Nitroso-di-n-propylamine	ND	38
Hexachloroethane	ND	38
Nitrobenzene	ND	38
Isophorone	ND	380
bis(2-Chloroethoxy)methane	ND	380
1,2,4-Trichlorobenzene	ND	38
Naphthalene	9.3J	380
4-Chloroaniline	ND	380
Hexachlorobutadiene	ND	76
2-Methylnaphthalene	12 J	380
Hexachlorocyclopentadiene	ND	380
2-Chloronaphthalene	ND	380
2-Nitroaniline	ND	760
Dimethylphthalate	ND	380
Acenaphthylene	24 J	380
2,6-Dinitrotoluene	ND	76
3-Nitroaniline	ND	760
Acenaphthene	ND	380
Dibenzofuran	9.6J	380
2,4-Dinitrotoluene	ND	76
Diethylphthalate	ND	380
4-Chlorophenyl-phenylether	ND	380
Fluorene	ND	380
4-Nitroaniline	ND	760
N-Nitrosodiphenylamine	ND	380
4-Bromophenyl-phenylether	ND	380
Hexachlorobenzene	ND	38
Phenanthrene	86 J	380
Anthracene	15 J	380

Client ID: **SSCB-1_2-2.5**
Site: Klockner & Klockner

Lab Sample No: **88566**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/14/98
Date Analyzed: 10/21/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8316.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 12

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	9.0J	380
Di-n-butylphthalate	ND	380
Fluoranthene	130 J	380
Pyrene	140 J	380
Butylbenzylphthalate	80 J	380
3,3'-Dichlorobenzidine	ND	760
Benzo(a)anthracene	55	38
Chrysene	83 J	380
bis(2-Ethylhexyl)phthalate	85 J	380
Di-n-octylphthalate	ND	380
Benzo(b)fluoranthene	110	38
Benzo(k)fluoranthene	50	38
Benzo(a)pyrene	71	38
Indeno(1,2,3-cd)pyrene	40	38
Dibenz(a,h)anthracene	ND	38
Benzo(g,h,i)perylene	39 J	380

Client ID: **SSCB-1_2-2.5**
Site: Klockner & Klockner

Lab Sample No: **88566**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Extracted: 10/14/98
Date Analyzed: 10/21/98
GC Column: DB-5
Instrument ID: BNAMS2.i
Lab File ID: s8316.d

Matrix: SOIL
Level: LOW
Sample Weight: 30.0 g
Extract Final Volume: 2.0 ml
Dilution Factor: 1.0
% Moisture: 12.1

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1. Unknown	30.63	310	
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION 310

Client ID: **SSAW-8_5.5-6**
Site: Klockner & Klockner

Lab Sample No: **88551**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/16/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9515.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 10.1

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	139
Chloromethane	ND	139
Vinyl Chloride	ND	139
Bromomethane	ND	139
Chloroethane	ND	139
Trichlorofluoromethane	ND	139
1,1-Dichloroethene	ND	139
Methylene Chloride	ND	139
trans-1,2-Dichloroethene	ND	139
1,1-Dichloroethane	ND	139
cis-1,2-Dichloroethene	ND	139
Chloroform	ND	139
1,1,1-Trichloroethane	ND	139
Carbon Tetrachloride	ND	139
1,2-Dichloroethane	ND	139
Trichloroethene	ND	139
1,2-Dichloropropane	ND	139
Bromodichloromethane	ND	139
2-Chloroethyl Vinyl Ether	ND	139
cis-1,3-Dichloropropene	ND	139
trans-1,3-Dichloropropene	ND	139
1,1,2-Trichloroethane	ND	139
Tetrachloroethene	ND	139
Dibromochloromethane	ND	139
Chlorobenzene	ND	139
Bromoform	ND	139
1,1,2,2-Tetrachloroethane	ND	139
1,3-Dichlorobenzene	ND	139
1,4-Dichlorobenzene	ND	139
1,2-Dichlorobenzene	ND	139

Client ID: **SSAW-3_1-1.5**
Site: Klockner & Klockner

Lab Sample No: **88552**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/16/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9516.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 1000.0
% Moisture: 16.6

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	2940
Chloromethane	ND	2940
Vinyl Chloride	ND	2940
Bromomethane	ND	2940
Chloroethane	ND	2940
Trichlorofluoromethane	ND	2940
1,1-Dichloroethene	ND	2940
Methylene Chloride	ND	2940
trans-1,2-Dichloroethene	ND	2940
1,1-Dichloroethane	ND	2940
cis-1,2-Dichloroethene	10800	2940
Chloroform	ND	2940
1,1,1-Trichloroethane	ND	2940
Carbon Tetrachloride	ND	2940
1,2-Dichloroethane	ND	2940
Trichloroethene	32300	2940
1,2-Dichloropropane	ND	2940
Bromodichloromethane	ND	2940
2-Chloroethyl Vinyl Ether	ND	2940
cis-1,3-Dichloropropene	ND	2940
trans-1,3-Dichloropropene	ND	2940
1,1,2-Trichloroethane	ND	2940
Tetrachloroethene	ND	2940
Dibromochloromethane	ND	2940
Chlorobenzene	ND	2940
Bromoform	ND	2940
1,1,2,2-Tetrachloroethane	ND	2940
1,3-Dichlorobenzene	ND	2940
1,4-Dichlorobenzene	ND	2940
1,2-Dichlorobenzene	ND	2940

Client ID: **SSAW-3_11.5-12**
Site: Klockner & Klockner

Lab Sample No: **88553**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/16/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9517.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 3.0

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	131
Chloromethane	ND	131
Vinyl Chloride	ND	131
Bromomethane	ND	131
Chloroethane	ND	131
Trichlorofluoromethane	ND	131
1,1-Dichloroethene	ND	131
Methylene Chloride	ND	131
trans-1,2-Dichloroethene	ND	131
1,1-Dichloroethane	ND	131
cis-1,2-Dichloroethene	ND	131
Chloroform	ND	131
1,1,1-Trichloroethane	ND	131
Carbon Tetrachloride	ND	131
1,2-Dichloroethane	ND	131
Trichloroethene	ND	131
1,2-Dichloropropane	ND	131
Bromodichloromethane	ND	131
2-Chloroethyl Vinyl Ether	ND	131
cis-1,3-Dichloropropene	ND	131
trans-1,3-Dichloropropene	ND	131
1,1,2-Trichloroethane	ND	131
Tetrachloroethene	ND	131
Dibromochloromethane	ND	131
Chlorobenzene	ND	131
Bromoform	ND	131
1,1,2,2-Tetrachloroethane	ND	131
1,3-Dichlorobenzene	ND	131
1,4-Dichlorobenzene	ND	131
1,2-Dichlorobenzene	ND	131

Client ID: **SSWT-1_7-7.5**
Site: Klockner & Klockner

Lab Sample No: **88554**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/17/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9518.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 10.1

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	134
Chloromethane	ND	134
Vinyl Chloride	ND	134
Bromomethane	ND	134
Chloroethane	ND	134
Trichlorofluoromethane	ND	134
1,1-Dichloroethene	ND	134
Methylene Chloride	ND	134
trans-1,2-Dichloroethene	ND	134
1,1-Dichloroethane	ND	134
cis-1,2-Dichloroethene	ND	134
Chloroform	ND	134
1,1,1-Trichloroethane	ND	134
Carbon Tetrachloride	ND	134
1,2-Dichloroethane	ND	134
Trichloroethene	237	134
1,2-Dichloropropane	ND	134
Bromodichloromethane	ND	134
2-Chloroethyl Vinyl Ether	ND	134
cis-1,3-Dichloropropene	ND	134
trans-1,3-Dichloropropene	ND	134
1,1,2-Trichloroethane	ND	134
Tetrachloroethene	ND	134
Dibromochloromethane	ND	134
Chlorobenzene	ND	134
Bromoform	ND	134
1,1,2,2-Tetrachloroethane	ND	134
1,3-Dichlorobenzene	ND	134
1,4-Dichlorobenzene	ND	134
1,2-Dichlorobenzene	ND	134

Client ID: **SSAW-1_2.5-3**
Site: Klockner & Klockner

Lab Sample No: **88555**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/17/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9519.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 4.0

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	130
Chloromethane	ND	130
Vinyl Chloride	ND	130
Bromomethane	ND	130
Chloroethane	ND	130
Trichlorofluoromethane	ND	130
1,1-Dichloroethene	ND	130
Methylene Chloride	ND	130
trans-1,2-Dichloroethene	ND	130
1,1-Dichloroethane	ND	130
cis-1,2-Dichloroethene	351	130
Chloroform	ND	130
1,1,1-Trichloroethane	ND	130
Carbon Tetrachloride	ND	130
1,2-Dichloroethane	ND	130
Trichloroethene	2470	130
1,2-Dichloropropane	ND	130
Bromodichloromethane	ND	130
2-Chloroethyl Vinyl Ether	ND	130
cis-1,3-Dichloropropene	ND	130
trans-1,3-Dichloropropene	ND	130
1,1,2-Trichloroethane	ND	130
Tetrachloroethene	ND	130
Dibromochloromethane	ND	130
Chlorobenzene	ND	130
Bromoform	ND	130
1,1,2,2-Tetrachloroethane	ND	130
1,3-Dichlorobenzene	ND	130
1,4-Dichlorobenzene	ND	130
1,2-Dichlorobenzene	ND	130

Client ID: **SSAW-1_13-13.5**
Site: Klockner & Klockner

Lab Sample No: **88556**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/17/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9520.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 6.5

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	130
Chloromethane	ND	130
Vinyl Chloride	ND	130
Bromomethane	ND	130
Chloroethane	ND	130
Trichlorofluoromethane	ND	130
1,1-Dichloroethene	ND	130
Methylene Chloride	ND	130
trans-1,2-Dichloroethene	ND	130
1,1-Dichloroethane	ND	130
cis-1,2-Dichloroethene	143	130
Chloroform	ND	130
1,1,1-Trichloroethane	ND	130
Carbon Tetrachloride	ND	130
1,2-Dichloroethane	ND	130
Trichloroethene	1330	130
1,2-Dichloropropane	ND	130
Bromodichloromethane	ND	130
2-Chloroethyl Vinyl Ether	ND	130
cis-1,3-Dichloropropene	ND	130
trans-1,3-Dichloropropene	ND	130
1,1,2-Trichloroethane	ND	130
Tetrachloroethene	ND	130
Dibromochloromethane	ND	130
Chlorobenzene	ND	130
Bromoform	ND	130
1,1,2,2-Tetrachloroethane	ND	130
1,3-Dichlorobenzene	ND	130
1,4-Dichlorobenzene	ND	130
1,2-Dichlorobenzene	ND	130

Client ID: **SSAN-8_11-11.5**
Site: Klockner & Klockner

Lab Sample No: **88558**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/17/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9521.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 13.8

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	136
Chloromethane	ND	136
Vinyl Chloride	ND	136
Bromomethane	ND	136
Chloroethane	ND	136
Trichlorofluoromethane	ND	136
1,1-Dichloroethene	ND	136
Methylene Chloride	ND	136
trans-1,2-Dichloroethene	ND	136
1,1-Dichloroethane	ND	136
cis-1,2-Dichloroethene	ND	136
Chloroform	ND	136
1,1,1-Trichloroethane	ND	136
Carbon Tetrachloride	ND	136
1,2-Dichloroethane	ND	136
Trichloroethene	ND	136
1,2-Dichloropropane	ND	136
Bromodichloromethane	ND	136
2-Chloroethyl Vinyl Ether	ND	136
cis-1,3-Dichloropropene	ND	136
trans-1,3-Dichloropropene	ND	136
1,1,2-Trichloroethane	ND	136
Tetrachloroethene	ND	136
Dibromochloromethane	ND	136
Chlorobenzene	ND	136
Bromoform	ND	136
1,1,2,2-Tetrachloroethane	ND	136
1,3-Dichlorobenzene	ND	136
1,4-Dichlorobenzene	ND	136
1,2-Dichlorobenzene	ND	136

Client ID: **SSWT-2_7-7.5**
Site: Klockner & Klockner

Lab Sample No: **88561**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/17/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9522.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 5.0

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	132
Chloromethane	ND	132
Vinyl Chloride	ND	132
Bromomethane	ND	132
Chloroethane	ND	132
Trichlorofluoromethane	ND	132
1,1-Dichloroethene	ND	132
Methylene Chloride	ND	132
trans-1,2-Dichloroethene	ND	132
1,1-Dichloroethane	ND	132
cis-1,2-Dichloroethene	ND	132
Chloroform	ND	132
1,1,1-Trichloroethane	ND	132
Carbon Tetrachloride	ND	132
1,2-Dichloroethane	ND	132
Trichloroethene	ND	132
1,2-Dichloropropane	ND	132
Bromodichloromethane	ND	132
2-Chloroethyl Vinyl Ether	ND	132
cis-1,3-Dichloropropene	ND	132
trans-1,3-Dichloropropene	ND	132
1,1,2-Trichloroethane	ND	132
Tetrachloroethene	ND	132
Dibromochloromethane	ND	132
Chlorobenzene	ND	132
Bromoform	ND	132
1,1,2,2-Tetrachloroethane	ND	132
1,3-Dichlorobenzene	ND	132
1,4-Dichlorobenzene	ND	132
1,2-Dichlorobenzene	ND	132

Client ID: **SSDSA-1_1.5-2**
Site: Klockner & Klockner

Lab Sample No: **88568**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/17/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9523.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 6.9

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	132
Chloromethane	ND	132
Vinyl Chloride	ND	132
Bromomethane	ND	132
Chloroethane	ND	132
Trichlorofluoromethane	ND	132
1,1-Dichloroethene	ND	132
Methylene Chloride	ND	132
trans-1,2-Dichloroethene	ND	132
1,1-Dichloroethane	ND	132
cis-1,2-Dichloroethene	ND	132
Chloroform	ND	132
1,1,1-Trichloroethane	ND	132
Carbon Tetrachloride	ND	132
1,2-Dichloroethane	ND	132
Trichloroethene	4560	132
1,2-Dichloropropane	ND	132
Bromodichloromethane	ND	132
2-Chloroethyl Vinyl Ether	ND	132
cis-1,3-Dichloropropene	ND	132
trans-1,3-Dichloropropene	ND	132
1,1,2-Trichloroethane	ND	132
Tetrachloroethene	ND	132
Dibromochloromethane	ND	132
Chlorobenzene	ND	132
Bromoform	ND	132
1,1,2,2-Tetrachloroethane	ND	132
1,3-Dichlorobenzene	ND	132
1,4-Dichlorobenzene	ND	132
1,2-Dichlorobenzene	ND	132

Client ID: **SSAW-6_2-2.5**
Site: Klockner & Klockner

Lab Sample No: **88569**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/17/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9524.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 2500.0
% Moisture: 17.3

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	7340
Chloromethane	ND	7340
Vinyl Chloride	ND	7340
Bromomethane	ND	7340
Chloroethane	ND	7340
Trichlorofluoromethane	ND	7340
1,1-Dichloroethene	ND	7340
Methylene Chloride	ND	7340
trans-1,2-Dichloroethene	ND	7340
1,1-Dichloroethane	ND	7340
cis-1,2-Dichloroethene	16400	7340
Chloroform	ND	7340
1,1,1-Trichloroethane	ND	7340
Carbon Tetrachloride	ND	7340
1,2-Dichloroethane	ND	7340
Trichloroethene	65900	7340
1,2-Dichloropropane	ND	7340
Bromodichloromethane	ND	7340
2-Chloroethyl Vinyl Ether	ND	7340
cis-1,3-Dichloropropene	ND	7340
trans-1,3-Dichloropropene	ND	7340
1,1,2-Trichloroethane	ND	7340
Tetrachloroethene	23700	7340
Dibromochloromethane	ND	7340
Chlorobenzene	ND	7340
Bromoform	ND	7340
1,1,2,2-Tetrachloroethane	ND	7340
1,3-Dichlorobenzene	ND	7340
1,4-Dichlorobenzene	ND	7340
1,2-Dichlorobenzene	ND	7340

Client ID: **SSAW-6_9-9.5**
Site: Klockner & Klockner

Lab Sample No: **88570**
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98
Date Analyzed: 10/19/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9561.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 17.4

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	147
Chloromethane	ND	147
Vinyl Chloride	ND	147
Bromomethane	ND	147
Chloroethane	ND	147
Trichlorofluoromethane	ND	147
1,1-Dichloroethene	ND	147
Methylene Chloride	ND	147
trans-1,2-Dichloroethene	ND	147
1,1-Dichloroethane	ND	147
cis-1,2-Dichloroethene	ND	147
Chloroform	ND	147
1,1,1-Trichloroethane	ND	147
Carbon Tetrachloride	ND	147
1,2-Dichloroethane	ND	147
Trichloroethene	ND	147
1,2-Dichloropropane	ND	147
Bromodichloromethane	ND	147
2-Chloroethyl Vinyl Ether	ND	147
cis-1,3-Dichloropropene	ND	147
trans-1,3-Dichloropropene	ND	147
1,1,2-Trichloroethane	ND	147
Tetrachloroethene	ND	147
Dibromochloromethane	ND	147
Chlorobenzene	ND	147
Bromoform	ND	147
1,1,2,2-Tetrachloroethane	ND	147
1,3-Dichlorobenzene	ND	147
1,4-Dichlorobenzene	ND	147
1,2-Dichlorobenzene	ND	147

Client ID: **FB-1**
Site: **Klockner & Klockner**

Lab Sample No: 88548
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Aluminum	ND	58.2		P
Antimony	ND	4.6	N	P
Arsenic	ND	3.8		P
Barium	ND	1.4		P
Beryllium	ND	0.20		P
Cadmium	ND	0.40		P
Calcium	281	42.2	B	P
Chromium	1.8	1.0	BN	P
Cobalt	ND	1.2		P
Copper	ND	3.5		P
Iron	ND	41.5		P
Lead	ND	2.5	*	P
Magnesium	ND	40.3		P
Manganese	3.0	1.1	BN	P
Mercury	ND	0.10		CV
Nickel	ND	2.1		P
Potassium	328	300	B	P
Selenium	ND	4.8		P
Silver	ND	1.4		P
Sodium	ND	426		P
Thallium	ND	4.8		P
Vanadium	ND	1.9		P
Zinc	17.4	4.5	B	P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **SSNDS-1A 0-0.5**
Site: **Klockner & Klockner**

Lab Sample No: 88562
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 11.1

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	11200	13.1		P
Antimony	ND	1.0	N	P
Arsenic	7.2	0.85		P
Barium	152	0.31		P
Beryllium	0.63	0.045		P
Cadmium	ND	0.090		P
Calcium	5250	9.5		P
Chromium	22.9	0.22	N	P
Cobalt	7.5	0.27	B	P
Copper	69.9	0.79		P
Iron	31300	9.3		P
Lead	343	0.56	*	P
Magnesium	1950	9.1		P
Manganese	397	0.25	N	P
Mercury	0.65	0.019		CV
Nickel	15.3	0.47		P
Potassium	719	67.6	B	P
Selenium	ND	1.1		P
Silver	ND	0.31		P
Sodium	ND	95.8		P
Thallium	ND	1.1		P
Vanadium	35.2	0.43		P
Zinc	273	1.0		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **SSNDS-2A 0-0.5**
Site: **Klockner & Klockner**

Lab Sample No: 88563
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 11.2

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	8370	13.1		P
Antimony	1.0	1.0	BN	P
Arsenic	3.4	0.86		P
Barium	80.6	0.32		P
Beryllium	0.43	0.045	B	P
Cadmium	0.15	0.090	B	P
Calcium	1180	9.5		P
Chromium	14.0	0.23	N	P
Cobalt	7.1	0.27	B	P
Copper	25.5	0.79		P
Iron	18200	9.3		P
Lead	75.7	0.56	*	P
Magnesium	1700	9.1		P
Manganese	216	0.25	N	P
Mercury	0.10	0.019		CV
Nickel	11.1	0.47		P
Potassium	399	67.6	B	P
Selenium	ND	1.1		P
Silver	ND	0.32		P
Sodium	ND	95.9		P
Thallium	ND	1.1		P
Vanadium	24.3	0.43		P
Zinc	195	1.0		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **SSDSA-1 0-0.5**
Site: **Klockner & Klockner**

Lab Sample No: 88564
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 7.6

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	10600	12.6		P
Antimony	1.4	1.00	BN	P
Arsenic	5.0	0.82		P
Barium	222	0.30		P
Beryllium	0.56	0.043		P
Cadmium	0.76	0.087	B	P
Calcium	3580	9.1		P
Chromium	45.6	0.22	N	P
Cobalt	9.8	0.26	B	P
Copper	105	0.76		P
Iron	21600	9.0		P
Lead	344	0.54	*	P
Magnesium	2440	8.7		P
Manganese	419	0.24	N	P
Mercury	0.39	0.018		CV
Nickel	34.8	0.45		P
Potassium	1070	65.0	B	P
Selenium	ND	1.0		P
Silver	0.40	0.30	B	P
Sodium	ND	92.2		P
Thallium	ND	1.0		P
Vanadium	35.2	0.41		P
Zinc	408	0.97		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **SSFS-1 0-0.5**
Site: **Klockner & Klockner**

Lab Sample No: 88565
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 10.8

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	7590	13.0		P
Antimony	ND	1.0	N	P
Arsenic	3.7	0.85		P
Barium	252	0.31		P
Beryllium	0.43	0.045	B	P
Cadmium	0.78	0.090	B	P
Calcium	9660	9.5		P
Chromium	32.1	0.22	N	P
Cobalt	8.2	0.27	B	P
Copper	215	0.78		P
Iron	19500	9.3		P
Lead	471	0.56	*	P
Magnesium	2610	9.0		P
Manganese	298	0.25	N	P
Mercury	0.35	0.019		CV
Nickel	18.8	0.47		P
Potassium	979	67.3	B	P
Selenium	ND	1.1		P
Silver	0.72	0.31	B	P
Sodium	ND	95.5		P
Thallium	ND	1.1		P
Vanadium	32.4	0.43		P
Zinc	371	1.0		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **SSCB-1 2-2.5**
Site: **Klockner & Klockner**

Lab Sample No: 88566
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 12.1

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	8660	13.2		P
Antimony	ND	1.0	N	P
Arsenic	2.6	0.86		P
Barium	73.9	0.32		P
Beryllium	0.63	0.046		P
Cadmium	0.33	0.091	B	P
Calcium	3320	9.6		P
Chromium	26.4	0.23	N	P
Cobalt	8.3	0.27	B	P
Copper	36.9	0.80		P
Iron	19200	9.4		P
Lead	104	0.57	*	P
Magnesium	3150	9.2		P
Manganese	259	0.25	N	P
Mercury	0.05	0.019		CV
Nickel	14.9	0.48		P
Potassium	1110	68.3	B	P
Selenium	ND	1.1		P
Silver	ND	0.32		P
Sodium	147	96.9	B	P
Thallium	ND	1.1		P
Vanadium	53.8	0.43		P
Zinc	131	1.0		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **SSWT-1 7-7.5**
Site: **Klockner & Klockner**

Lab Sample No: 88567
Lab Job No: H941

Date Sampled: 10/06/98
Date Received: 10/07/98

Matrix: SOLID
Level: LOW
% Moisture: 3.9

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Aluminum	4910	12.1		P
Antimony	ND	0.96	N	P
Arsenic	3.2	0.79		P
Barium	20.0	0.29	B	P
Beryllium	0.46	0.042		P
Cadmium	ND	0.083		P
Calcium	622	8.8	B	P
Chromium	8.7	0.21	N	P
Cobalt	4.1	0.25	B	P
Copper	13.8	0.73		P
Iron	16500	8.6		P
Lead	10.1	0.52	*	P
Magnesium	1620	8.4		P
Manganese	84.5	0.23	N	P
Mercury	0.08	0.017		CV
Nickel	8.6	0.44		P
Potassium	326	62.5	B	P
Selenium	ND	1.00		P
Silver	ND	0.29		P
Sodium	ND	88.7		P
Thallium	ND	1.00		P
Vanadium	14.7	0.40		P
Zinc	63.6	0.94		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Site: Klockner & Klockner

Lab Job No: H941

Date Sampled: 10/6/98
Date Received: 10/7/98
Matrix: SOIL

Date Analyzed: 10/14/98
QA Batch: 1402

TOTAL ORGANIC CARBON

Envirotech Sample #	Client ID	% Moisture	Dilution Factor	Analytical Result mg/kg (Dry Wt.)
88549	SSGC-1_1-4	8.3	2.0	8720

Quantitation Limit for Total Organic Carbon is 100 mg/kg for an undiluted sample.

Site: Klockner & Klockner

Lab Job No: H941

Date Sampled: 10/6/98
Date Received: 10/7/98
Matrix: WATER

Date Extracted: 10/12/98
Date Analyzed: 10/12/98
QA Batch: 4639

TOTAL PETROLEUM HYDROCARBONS (418.1)

Envirotech Sample #	Client ID	Dilution Factor	Analytical Result Units: mg/l
88548	FB-1	1.0	ND

Quantitation Limit for Total Petroleum Hydrocarbons (418.1) is 1.0 mg/l for an undiluted sample.

Site: Klockner & Klockner

Lab Job No: H941

Date Sampled: 10/6/98
Date Received: 10/7/98
Matrix: SOIL

Date Extracted: 10/12/98
Date Analyzed: 10/12/98
QA Batch: 4645

TOTAL PETROLEUM HYDROCARBONS (418.1)

Envirotech Sample #	Client ID	% Moisture	Dilution Factor	Analytical Result mg/kg (Dry Wt.)
88562	SSNDS-1A_0-0.5	11.1	1.0	374
88563	SSNDS-2A_0-0.5	11.2	1.0	225
88565	SSFS-1_0-0.5	10.8	1.0	823

Quantitation Limit for Total Petroleum Hydrocarbons (418.1) is 25.0 mg/kg for an undiluted sample.

PROJECT NAME: Kimkare & Kimkare
PROJECT NO: 95-03-02 Envirotech # 809003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Nickle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/6/98
SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESERVATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
4:00	FIELD BLANK	FB-1	N/A	H_2O	BN, TAL METALS, PHC, CN	ICE/H_2SO_4 HNO_3, NaOH	4	88548
4:00	ALLEYWAY (SS AW-3)	SSGC-1	1-4'	SOIL	GRAIN SIZE, TOC	ICE	2	88549
—	TRIP BLANK	TB-1	N/A	~~MEOH~~ water	VOC 8260 (TCL)	HCL ICE	2	88550
11:20	ALLEYWAY	SSAW-8	5.5-6'	SOIL	PHAL 8021	MEOH/ICE	2	88551
3:30	ALLEYWAY	SSAW-3	1-1.5'	SOIL	PHAL 8021	MEOH/ICE	2	88552
3:30	ALLEYWAY	SSAW-3	11.5-12'	SOIL	PHAL 8021	MEOH/ICE	2	88553
2:40	WASTE OIL TANK	SSWT-1	7-7.5'	SOIL	PHAL 8021	MEOH/ICE	2	88554
1:30	ALLEYWAY	SSAW-1	2.5-3	SOIL	PHAL 8021	MEOH/ICE	2	88555
2:00	ALLEYWAY	SSAW-1	13-13.5	SOIL	PHAL 8021	MEOH/ICE	2	88556
10:30	NORTH DRUM STORAGE	SSNDS-2	1.5-2'	SOIL	VOC'S 8260 (TCL)	MEOH/ICE	2	88557
11:30	ALLEYWAY	SSAW-8	11-11.5	SOIL	PHAL 8021	MEOH/ICE	2	88558
1010	NORTH DRUM STORAGE	SSNDS-1A	1-1.5	SOIL	VOC'S 8260 (TCL)	MEOH/ICE	2	88559

RELINQUISHED BY: Cheryl L. Coffee DATE: 10/7/98 TIME: 0830 RECEIVED BY: [illegible] DATE: 10.7.98 TIME 0830

RELINQUISHED BY: [illegible] DATE: 10/7/98 TIME: 0830 RECEIVED BY: [illegible] DATE: 10/7/98 TIME 0930

Full CLP Deliverables

TOTAL NO. CONTAINERS 26

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN: BASE NEUTRALS WITH LIBRARY SEARCH
AE: ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM: PRIORITY POLLUTANT METALS
PP140: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE
TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300901

PROJECT NAME: Klockner & Klockner
PROJECT NO: 95-03-02 Envirotech # 809003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/6/98
SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
12:15	DRUM STORAGE SHED	SSFS-1	.5-1'	SOIL	VOC'S 8260 (TCL)	ICE/MEOH	2	88560
2:20	WASTE OIL TANK	SSWT-2	7-7.5	SOIL	PHAL 8021	ICE/MEOH	2	88561
10:10	NORTH DRUM STORAGE	SSNDS-1A	0-.5	SOIL	PHC, *BN, TAL METALS	ICE/MEOH	1 ~~2~~ LW	88562
10:30	NORTH DRUM STORAGE	SSNDS-2A	0-.5	SOIL	PHC, *BN, TAL METALS	ICE/MEOH	1 ~~2~~ LW	88563
11:50	DRUM STORAGE ALLEYWAY	SSDSA-1	0-.5	SOIL	CN, TAL METALS	ICE/MEOH	1 ~~2~~ LW	88564
12.15	DRUM STORAGE SHED	SSFS-1	0-.5	SOIL	*BN+15, TAL METALS, PHC	ICE/MEOH	1 ~~2~~ LW	88565
11:40	CATCH BASIN	SSCB-1	2-2.5	SOIL	BN+15, TAL METALS	ICE/MEOH	1 ~~2~~ LW	88566
2:40 (R)	WASTE OIL TANK	SSWT-1 (R)	7-7.5	SOIL	TAL METALS	ICE	1	88567
~~—~~	~~TRIPBLANK~~	~~TB-1~~	~~—~~	~~MEOH~~	~~VOC 8021~~	~~ICE/MEOH~~	~~1~~	~~LW~~
12:00	DRUM STORAGE ALLEYWAY	SSDSA-1	1.5-2	SOIL	PHAL 8021	ICE/MEOH	2	88568
5:05 PM	Alley way	SSAW-6	2-2.5	SOIL	PHAL 8021	ICE/MEOH	2	88569
5:10	Alleyway	SSAW-6	9-9.5	SOIL	PHAL 8021	ICE/MEOH	2	88670

RELINQUISHED BY: Cheryl L Coffee DATE: 10/7/98 TIME 830 RECEIVED BY: Wayne Westcott DATE: 10/7/98 TIME 0830

RELINQUISHED BY: Wayne Westcott DATE: 10/7/98 TIME: 0930 RECEIVED BY: [illegible] DATE: 10/7/98 TIME 0930

TOTAL NO. CONTAINERS 17

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN: BASE NEUTRALS WITH LIBRARY SEARCH
AE: ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM: PRIORITY POLLUTANT METALS
PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE
TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300902

46

ENVIROTECH RESEARCH, INC.

777 New Durham Road
Edison, New Jersey 08817
Tel: (732) 549-3900
Fax: (732) 549-3679
www.enviro-lab.com

November 2, 1998

RECEIVED
NOV 17 1998
The Whitman Companies, Inc.

The Whitman Companies, Inc.
44 West Ferris Street
East Brunswick, NJ 08816

Attention: Mr. Michael Metlitz

Re: Job No. I052 - Klockner & Klockner

Dear Mr. Metlitz:

Enclosed are the results you requested for the following sample(s) received at our laboratory on October 09, 1998:

Lab No.	Client ID	Analysis Required
89299	TB-3	Purgeable Halocarbons
89300	SSOSS-1_1-1.5	Purgeable Halocarbons
89301	SSCP-1_3.5_4	Purgeable Halocarbons
89302	SSGC-1A_1.5-4	TOC
89303	SSCP-1_11-11.5	Purgeable Halocarbons
89304	SSFD-1_1.5-2	Purgeable Halocarbons
89305	SSCP-4_1-1.5	Purgeable Halocarbons

If you have any questions please contact your Project Manager, Robert McGrady, at (732) 549-3900.

Very truly yours,

Michael J. Urban
Laboratory Manager

300903

Client ID: **TB-3**
Site: Klockner & Klockner

Lab Sample No: **89299**
Lab Job No: I052

Date Sampled: 10/08/98
Date Received: 10/09/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9587.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 0.0

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	125
Chloromethane	ND	125
Vinyl Chloride	ND	125
Bromomethane	ND	125
Chloroethane	ND	125
Trichlorofluoromethane	ND	125
1,1-Dichloroethene	ND	125
Methylene Chloride	ND	125
trans-1,2-Dichloroethene	ND	125
1,1-Dichloroethane	ND	125
cis-1,2-Dichloroethene	ND	125
Chloroform	ND	125
1,1,1-Trichloroethane	ND	125
Carbon Tetrachloride	ND	125
1,2-Dichloroethane	ND	125
Trichloroethene	ND	125
1,2-Dichloropropane	ND	125
Bromodichloromethane	ND	125
2-Chloroethyl Vinyl Ether	ND	125
cis-1,3-Dichloropropene	ND	125
trans-1,3-Dichloropropene	ND	125
1,1,2-Trichloroethane	ND	125
Tetrachloroethene	ND	125
Dibromochloromethane	ND	125
Chlorobenzene	ND	125
Bromoform	ND	125
1,1,2,2-Tetrachloroethane	ND	125
1,3-Dichlorobenzene	ND	125
1,4-Dichlorobenzene	ND	125
1,2-Dichlorobenzene	ND	125

Client ID: **SSOSS-1_1-1.5**
Site: Klockner & Klockner

Lab Sample No: **89300**
Lab Job No: I052

Date Sampled: 10/08/98
Date Received: 10/09/98
Date Analyzed: 10/21/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9609.d

Matrix: SOIL
Level: HIGH
Sample Weight: 9 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 100.0
% Moisture: 8.7

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	294
Chloromethane	ND	294
Vinyl Chloride	ND	294
Bromomethane	ND	294
Chloroethane	ND	294
Trichlorofluoromethane	ND	294
1,1-Dichloroethene	ND	294
Methylene Chloride	ND	294
trans-1,2-Dichloroethene	ND	294
1,1-Dichloroethane	ND	294
cis-1,2-Dichloroethene	ND	294
Chloroform	ND	294
1,1,1-Trichloroethane	7250	294
Carbon Tetrachloride	ND	294
1,2-Dichloroethane	ND	294
Trichloroethene	ND	294
1,2-Dichloropropane	ND	294
Bromodichloromethane	ND	294
2-Chloroethyl Vinyl Ether	ND	294
cis-1,3-Dichloropropene	ND	294
trans-1,3-Dichloropropene	ND	294
1,1,2-Trichloroethane	ND	294
Tetrachloroethene	ND	294
Dibromochloromethane	ND	294
Chlorobenzene	ND	294
Bromoform	ND	294
1,1,2,2-Tetrachloroethane	ND	294
1,3-Dichlorobenzene	ND	294
1,4-Dichlorobenzene	ND	294
1,2-Dichlorobenzene	ND	294

Client ID: **SSCP-1_3.5_4**
Site: Klockner & Klockner

Lab Sample No: **89301**
Lab Job No: I052

Date Sampled: 10/08/98
Date Received: 10/09/98
Date Analyzed: 10/16/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9508.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 4.3

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	133
Chloromethane	ND	133
Vinyl Chloride	ND	133
Bromomethane	ND	133
Chloroethane	ND	133
Trichlorofluoromethane	ND	133
1,1-Dichloroethene	ND	133
Methylene Chloride	ND	133
trans-1,2-Dichloroethene	ND	133
1,1-Dichloroethane	ND	133
cis-1,2-Dichloroethene	ND	133
Chloroform	ND	133
1,1,1-Trichloroethane	ND	133
Carbon Tetrachloride	ND	133
1,2-Dichloroethane	ND	133
Trichloroethene	ND	133
1,2-Dichloropropane	ND	133
Bromodichloromethane	ND	133
2-Chloroethyl Vinyl Ether	ND	133
cis-1,3-Dichloropropene	ND	133
trans-1,3-Dichloropropene	ND	133
1,1,2-Trichloroethane	ND	133
Tetrachloroethene	ND	133
Dibromochloromethane	ND	133
Chlorobenzene	ND	133
Bromoform	ND	133
1,1,2,2-Tetrachloroethane	ND	133
1,3-Dichlorobenzene	ND	133
1,4-Dichlorobenzene	ND	133
1,2-Dichlorobenzene	ND	133

Client ID: **SSCP-1_11-11.5**
Site: Klockner & Klockner

Lab Sample No: **89303**
Lab Job No: I052

Date Sampled: 10/08/98
Date Received: 10/09/98
Date Analyzed: 10/16/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9509.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 7.1

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	142
Chloromethane	ND	142
Vinyl Chloride	ND	142
Bromomethane	ND	142
Chloroethane	ND	142
Trichlorofluoromethane	ND	142
1,1-Dichloroethene	ND	142
Methylene Chloride	ND	142
trans-1,2-Dichloroethene	ND	142
1,1-Dichloroethane	ND	142
cis-1,2-Dichloroethene	ND	142
Chloroform	ND	142
1,1,1-Trichloroethane	ND	142
Carbon Tetrachloride	ND	142
1,2-Dichloroethane	ND	142
Trichloroethene	ND	142
1,2-Dichloropropane	ND	142
Bromodichloromethane	ND	142
2-Chloroethyl Vinyl Ether	ND	142
cis-1,3-Dichloropropene	ND	142
trans-1,3-Dichloropropene	ND	142
1,1,2-Trichloroethane	ND	142
Tetrachloroethene	ND	142
Dibromochloromethane	ND	142
Chlorobenzene	ND	142
Bromoform	ND	142
1,1,2,2-Tetrachloroethane	ND	142
1,3-Dichlorobenzene	ND	142
1,4-Dichlorobenzene	ND	142
1,2-Dichlorobenzene	ND	142

Client ID: **SSFD-1_1.5-2**
Site: Klockner & Klockner

Lab Sample No: **89304**
Lab Job No: I052

Date Sampled: 10/08/98
Date Received: 10/09/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9589.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 6.2

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	137
Chloromethane	ND	137
Vinyl Chloride	ND	137
Bromomethane	ND	137
Chloroethane	ND	137
Trichlorofluoromethane	ND	137
1,1-Dichloroethene	ND	137
Methylene Chloride	ND	137
trans-1,2-Dichloroethene	ND	137
1,1-Dichloroethane	ND	137
cis-1,2-Dichloroethene	ND	137
Chloroform	ND	137
1,1,1-Trichloroethane	ND	137
Carbon Tetrachloride	ND	137
1,2-Dichloroethane	ND	137
Trichloroethene	ND	137
1,2-Dichloropropane	ND	137
Bromodichloromethane	ND	137
2-Chloroethyl Vinyl Ether	ND	137
cis-1,3-Dichloropropene	ND	137
trans-1,3-Dichloropropene	ND	137
1,1,2-Trichloroethane	ND	137
Tetrachloroethene	ND	137
Dibromochloromethane	ND	137
Chlorobenzene	ND	137
Bromoform	ND	137
1,1,2,2-Tetrachloroethane	ND	137
1,3-Dichlorobenzene	ND	137
1,4-Dichlorobenzene	ND	137
1,2-Dichlorobenzene	ND	137

Client ID: **SSCP-4_1-1.5**
Site: Klockner & Klockner

Lab Sample No: **89305**
Lab Job No: I052

Date Sampled: 10/08/98
Date Received: 10/09/98
Date Analyzed: 10/20/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9590.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 3.7

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	130
Chloromethane	ND	130
Vinyl Chloride	ND	130
Bromomethane	ND	130
Chloroethane	ND	130
Trichlorofluoromethane	ND	130
1,1-Dichloroethene	ND	130
Methylene Chloride	ND	130
trans-1,2-Dichloroethene	ND	130
1,1-Dichloroethane	ND	130
cis-1,2-Dichloroethene	ND	130
Chloroform	ND	130
1,1,1-Trichloroethane	ND	130
Carbon Tetrachloride	ND	130
1,2-Dichloroethane	ND	130
Trichloroethene	ND	130
1,2-Dichloropropane	ND	130
Bromodichloromethane	ND	130
2-Chloroethyl Vinyl Ether	ND	130
cis-1,3-Dichloropropene	ND	130
trans-1,3-Dichloropropene	ND	130
1,1,2-Trichloroethane	ND	130
Tetrachloroethene	ND	130
Dibromochloromethane	ND	130
Chlorobenzene	ND	130
Bromoform	ND	130
1,1,2,2-Tetrachloroethane	ND	130
1,3-Dichlorobenzene	ND	130
1,4-Dichlorobenzene	ND	130
1,2-Dichlorobenzene	ND	130

Site: Klockner & Klockner

Lab Job No: I052

Date Sampled: 10/8/98
Date Received: 10/9/98
Matrix: SOIL

Date Analyzed: 10/14/98
QA Batch: 1402

TOTAL ORGANIC CARBON

Envirotech Sample #	Client ID	% Moisture	Dilution Factor	Analytical Result mg/kg (Dry Wt.)
89302	SSGC-1A_1.5-4	13.7	4.0	16200

Quantitation Limit for Total Organic Carbon is 100 mg/kg for an undiluted sample.

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02 Envirotech # 809003

LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/8/98

SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

I052

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
—	TRIP BLANK	TB-3	N/A	MEOH	PHAL (8021)	ICE	1	89299
1210	OIL STORAGE SHED	SSOSS-1	1-1.5	SOIL	PHAL (8021)	ICE/MEOH	2	89300
1215	CONCRETE PAD	SSCP-1	3.5-4'	SOIL	PHAL (8021)	ICE/MEOH	2	1 WEEK TAT 89301
0950	(Concrete Pad SSCP-4) GEOLOGICAL CHARACTERISTICS	SSGC-1A	1.5-4'	SOIL	TOC, GRAIN SIZE	ICE	2	89302
1218	CONCRETE PAD	SSCP-1	11-11.5'	SOIL	PHAL (8021)	ICE/MEOH	2	1 WEEK TAT 89303
1500	FLOOR DRAIN	SSFD-1	1.5-2'	SOIL	PHAL (8021)	ICE/MEOH	2	89304
12:23	Concrete Pad	SSCP-4	1-1.5'	Soil	* PHAL Contingent	Ice/MEOH	2	89305
12:13	Concrete Pad	SSCP-2	1.5-2'	Soil	* PHAL Contingent	Ice/MEOH	2	89306
13:20	Concrete Pad	SSCP-3	1.5-2'	Soil	* PHAL Contingent	Ice/MEOH	2	89307
	~~TB-3~~			~~MEOH~~		~~MEOH~~	~~X~~	

RELINQUISHED BY: [signature] DATE: 10/9/98 TIME: 1600 RECEIVED BY: [signature] DATE: 10-9-98 TIME 1600

RELINQUISHED BY: [signature] DATE: 10-9-98 TIME: 1810 RECEIVED BY: [signature] DATE: 10/9/98 TIME 1810

TOTAL NO. CONTAINERS 17

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC PETROLEUM HYDROCARBONS
VOC VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN BASE NEUTRALS WITH LIBRARY SEARCH
AE ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM PRIORITY POLLUTANT METALS
PP+40 PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300911

ENVIROTECH RESEARCH, INC.

777 New Durham Road
Edison, New Jersey 08817
Tel: (732) 549-3900
Fax: (732) 549-3679
www.enviro-lab.com

November 06, 1998

The Whitman Companies, Inc.
44 West Ferris Street
East Brunswick, NJ 08816

RECEIVED
NOV 17 1998
The Whitman Companies, Inc.

Attention: Mr. Michael Metlitz

Re: Job No. I279 - Klockner & Klockner

Dear Mr. Metlitz:

Enclosed are the results you requested for the following sample(s) received at our laboratory on October 16, 1998:

Lab No.	Client ID	Analysis Required
90821	SSFA-1_1.5-2	Purgeable Halocarbons
90822	SSFA-6A_1.5-2	Purgeable Halocarbons
90823	SSFA-1_10.5-11	Purgeable Halocarbons
90824	SSFA-2_0.5-1	Purgeable Halocarbons
90825	SSFA-3_0.5-1	Purgeable Halocarbons
90826	SSFA-4_0.5-1	Purgeable Halocarbons
90827	SSFA-5_3-3.5	Purgeable Halocarbons
90828	SSPP-1_6.5-7	Purgeable Halocarbons
90829	SSFD-2_3-4	Purgeable Halocarbons
90830	SSDW-1_1.5-2	Purgeable Halocarbons
90831	SSSD-1_5-5.5	Purgeable Halocarbons
90832	SSDA-1_1.5-2	Purgeable Halocarbons
90833	Trip_Blank-4	Purgeable Halocarbons
90834	Field_Blank-3	Purgeable Halocarbons
90835	SSGC-4_2-4	TOC

300912

ENVIROTECH RESEARCH, INC.

Lab No.	Client ID	Analysis Required
90836	SSGC-3_4.5-5	TOC
90837	SSGC-2_3-4	TOC

If you have any questions please contact your Project Manager, Robert McGrady, at (732) 549-3900.

Very truly yours,

Michael J. Urban
Laboratory Manager

300913

Client ID: **SSFA-1_1.5-2**
Site: Klockner & Klockner

Lab Sample No: **90821**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/22/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9629.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 9.9

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	128
Chloromethane	ND	128
Vinyl Chloride	ND	128
Bromomethane	ND	128
Chloroethane	ND	128
Trichlorofluoromethane	ND	128
1,1-Dichloroethene	ND	128
Methylene Chloride	ND	128
trans-1,2-Dichloroethene	ND	128
1,1-Dichloroethane	ND	128
cis-1,2-Dichloroethene	ND	128
Chloroform	ND	128
1,1,1-Trichloroethane	ND	128
Carbon Tetrachloride	ND	128
1,2-Dichloroethane	ND	128
Trichloroethene	ND	128
1,2-Dichloropropane	ND	128
Bromodichloromethane	ND	128
2-Chloroethyl Vinyl Ether	ND	128
cis-1,3-Dichloropropene	ND	128
trans-1,3-Dichloropropene	ND	128
1,1,2-Trichloroethane	ND	128
Tetrachloroethene	1510	128
Dibromochloromethane	ND	128
Chlorobenzene	ND	128
Bromoform	ND	128
1,1,2,2-Tetrachloroethane	ND	128
1,3-Dichlorobenzene	ND	128
1,4-Dichlorobenzene	ND	128
1,2-Dichlorobenzene	ND	128

Client ID: **SSFA-6A 1.5-2**
Site: Klockner & Klockner

Lab Sample No: **90822**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/22/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9634.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 8.6

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	134
Chloromethane	ND	134
Vinyl Chloride	ND	134
Bromomethane	ND	134
Chloroethane	ND	134
Trichlorofluoromethane	ND	134
1,1-Dichloroethene	ND	134
Methylene Chloride	ND	134
trans-1,2-Dichloroethene	ND	134
1,1-Dichloroethane	ND	134
cis-1,2-Dichloroethene	ND	134
Chloroform	ND	134
1,1,1-Trichloroethane	ND	134
Carbon Tetrachloride	ND	134
1,2-Dichloroethane	ND	134
Trichloroethene	ND	134
1,2-Dichloropropane	ND	134
Bromodichloromethane	ND	134
2-Chloroethyl Vinyl Ether	ND	134
cis-1,3-Dichloropropene	ND	134
trans-1,3-Dichloropropene	ND	134
1,1,2-Trichloroethane	ND	134
Tetrachloroethene	3720	134
Dibromochloromethane	ND	134
Chlorobenzene	ND	134
Bromoform	ND	134
1,1,2,2-Tetrachloroethane	ND	134
1,3-Dichlorobenzene	ND	134
1,4-Dichlorobenzene	ND	134
1,2-Dichlorobenzene	ND	134

Client ID: **SSFA-1_10.5-11**
Site: Klockner & Klockner

Lab Sample No: **90823**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/22/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9635.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 5.0

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	123
Chloromethane	ND	123
Vinyl Chloride	ND	123
Bromomethane	ND	123
Chloroethane	ND	123
Trichlorofluoromethane	ND	123
1,1-Dichloroethene	ND	123
Methylene Chloride	ND	123
trans-1,2-Dichloroethene	ND	123
1,1-Dichloroethane	ND	123
cis-1,2-Dichloroethene	ND	123
Chloroform	ND	123
1,1,1-Trichloroethane	ND	123
Carbon Tetrachloride	ND	123
1,2-Dichloroethane	ND	123
Trichloroethene	ND	123
1,2-Dichloropropane	ND	123
Bromodichloromethane	ND	123
2-Chloroethyl Vinyl Ether	ND	123
cis-1,3-Dichloropropene	ND	123
trans-1,3-Dichloropropene	ND	123
1,1,2-Trichloroethane	ND	123
Tetrachloroethene	ND	123
Dibromochloromethane	ND	123
Chlorobenzene	ND	123
Bromoform	ND	123
1,1,2,2-Tetrachloroethane	ND	123
1,3-Dichlorobenzene	ND	123
1,4-Dichlorobenzene	ND	123
1,2-Dichlorobenzene	ND	123

Client ID: **SSFA-2_0.5-1**
Site: Klockner & Klockner

Lab Sample No: **90824**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/22/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9636.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 8.3

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	124
Chloromethane	ND	124
Vinyl Chloride	ND	124
Bromomethane	ND	124
Chloroethane	ND	124
Trichlorofluoromethane	ND	124
1,1-Dichloroethene	ND	124
Methylene Chloride	ND	124
trans-1,2-Dichloroethene	ND	124
1,1-Dichloroethane	ND	124
cis-1,2-Dichloroethene	ND	124
Chloroform	ND	124
1,1,1-Trichloroethane	ND	124
Carbon Tetrachloride	ND	124
1,2-Dichloroethane	ND	124
Trichloroethene	ND	124
1,2-Dichloropropane	ND	124
Bromodichloromethane	ND	124
2-Chloroethyl Vinyl Ether	ND	124
cis-1,3-Dichloropropene	ND	124
trans-1,3-Dichloropropene	ND	124
1,1,2-Trichloroethane	ND	124
Tetrachloroethene	161	124
Dibromochloromethane	ND	124
Chlorobenzene	ND	124
Bromoform	ND	124
1,1,2,2-Tetrachloroethane	ND	124
1,3-Dichlorobenzene	ND	124
1,4-Dichlorobenzene	ND	124
1,2-Dichlorobenzene	ND	124

Client ID: **SSFA-3_0.5-1**
Site: Klockner & Klockner

Lab Sample No: **90825**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/23/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9646.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 4.1

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	137
Chloromethane	ND	137
Vinyl Chloride	ND	137
Bromomethane	ND	137
Chloroethane	ND	137
Trichlorofluoromethane	ND	137
1,1-Dichloroethene	ND	137
Methylene Chloride	ND	137
trans-1,2-Dichloroethene	ND	137
1,1-Dichloroethane	ND	137
cis-1,2-Dichloroethene	ND	137
Chloroform	ND	137
1,1,1-Trichloroethane	ND	137
Carbon Tetrachloride	ND	137
1,2-Dichloroethane	ND	137
Trichlcroethene	ND	137
1,2-Dichloropropane	ND	137
Bromodichloromethane	ND	137
2-Chloroethyl Vinyl Ether	ND	137
cis-1,3-Dichloropropene	ND	137
trans-1,3-Dichloropropene	ND	137
1,1,2-Trichloroethane	ND	137
Tetrachloroethene	1100	137
Dibromochloromethane	ND	137
Chlorobenzene	ND	137
Bromoform	ND	137
1,1,2,2-Tetrachloroethane	ND	137
1,3-Dichlorobenzene	ND	137
1,4-Dichlorobenzene	ND	137
1,2-Dichlorobenzene	ND	137

Client ID: **SSFA-4_0.5-1**
Site: Klockner & Klockner

Lab Sample No: **90826**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/23/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9647.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 3.2

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	129
Chloromethane	ND	129
Vinyl Chloride	ND	129
Bromomethane	ND	129
Chloroethane	ND	129
Trichlorofluoromethane	ND	129
1,1-Dichloroethene	ND	129
Methylene Chloride	ND	129
trans-1,2-Dichloroethene	ND	129
1,1-Dichloroethane	ND	129
cis-1,2-Dichloroethene	ND	129
Chloroform	ND	129
1,1,1-Trichloroethane	ND	129
Carbon Tetrachloride	ND	129
1,2-Dichloroethane	ND	129
Trichloroethene	ND	129
1,2-Dichloropropane	ND	129
Bromodichloromethane	ND	129
2-Chloroethyl Vinyl Ether	ND	129
cis-1,3-Dichloropropene	ND	129
trans-1,3-Dichloropropene	ND	129
1,1,2-Trichloroethane	ND	129
Tetrachloroethene	4280	129
Dibromochloromethane	ND	129
Chlorobenzene	ND	129
Bromoform	ND	129
1,1,2,2-Tetrachloroethane	ND	129
1,3-Dichlorobenzene	ND	129
1,4-Dichlorobenzene	ND	129
1,2-Dichlorobenzene	ND	129

Client ID: **SSFA-5_3-3.5**
Site: Klockner & Klockner

Lab Sample No: **90827**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/23/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9648.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 13.9

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	127
Chloromethane	ND	127
Vinyl Chloride	ND	127
Bromomethane	ND	127
Chloroethane	ND	127
Trichlorofluoromethane	ND	127
1,1-Dichloroethene	ND	127
Methylene Chloride	ND	127
trans-1,2-Dichloroethene	ND	127
1,1-Dichloroethane	ND	127
cis-1,2-Dichloroethene	ND	127
Chloroform	ND	127
1,1,1-Trichloroethane	ND	127
Carbon Tetrachloride	ND	127
1,2-Dichloroethane	ND	127
Trichloroethene	ND	127
1,2-Dichloropropane	ND	127
Bromodichloromethane	ND	127
2-Chloroethyl Vinyl Ether	ND	127
cis-1,3-Dichloropropene	ND	127
trans-1,3-Dichloropropene	ND	127
1,1,2-Trichloroethane	ND	127
Tetrachloroethene	ND	127
Dibromochloromethane	ND	127
Chlorobenzene	ND	127
Bromoform	ND	127
1,1,2,2-Tetrachloroethane	ND	127
1,3-Dichlorobenzene	ND	127
1,4-Dichlorobenzene	ND	127
1,2-Dichlorobenzene	ND	127

Client ID: **SSPP-1_6.5-7**
Site: Klockner & Klockner

Lab Sample No: **90828**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/23/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9649.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 11.2

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	123
Chloromethane	ND	123
Vinyl Chloride	ND	123
Bromomethane	ND	123
Chloroethane	ND	123
Trichlorofluoromethane	ND	123
1,1-Dichloroethene	ND	123
Methylene Chloride	ND	123
trans-1,2-Dichloroethene	ND	123
1,1-Dichloroethane	ND	123
cis-1,2-Dichloroethene	ND	123
Chloroform	ND	123
1,1,1-Trichloroethane	ND	123
Carbon Tetrachloride	ND	123
1,2-Dichloroethane	ND	123
Trichloroethene	ND	123
1,2-Dichloropropane	ND	123
Bromodichloromethane	ND	123
2-Chloroethyl Vinyl Ether	ND	123
cis-1,3-Dichloropropene	ND	123
trans-1,3-Dichloropropene	ND	123
1,1,2-Trichloroethane	ND	123
Tetrachloroethene	ND	123
Dibromochloromethane	ND	123
Chlorobenzene	ND	123
Bromoform	ND	123
1,1,2,2-Tetrachloroethane	ND	123
1,3-Dichlorobenzene	ND	123
1,4-Dichlorobenzene	ND	123
1,2-Dichlorobenzene	ND	123

Client ID: **SSFD-2_3-4**
Site: Klockner & Klockner

Lab Sample No: **90829**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/23/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9650.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 14.6

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	139
Chloromethane	ND	139
Vinyl Chloride	ND	139
Bromomethane	ND	139
Chloroethane	ND	139
Trichlorofluoromethane	ND	139
1,1-Dichloroethene	ND	139
Methylene Chloride	ND	139
trans-1,2-Dichloroethene	ND	139
1,1-Dichloroethane	ND	139
cis-1,2-Dichloroethene	ND	139
Chloroform	ND	139
1,1,1-Trichloroethane	ND	139
Carbon Tetrachloride	ND	139
1,2-Dichloroethane	ND	139
Trichloroethene	ND	139
1,2-Dichloropropane	ND	139
Bromodichloromethane	ND	139
2-Chloroethyl Vinyl Ether	ND	139
cis-1,3-Dichloropropene	ND	139
trans-1,3-Dichloropropene	ND	139
1,1,2-Trichloroethane	ND	139
Tetrachloroethene	266	139
Dibromochloromethane	ND	139
Chlorobenzene	ND	139
Bromoform	ND	139
1,1,2,2-Tetrachloroethane	ND	139
1,3-Dichlorobenzene	ND	139
1,4-Dichlorobenzene	ND	139
1,2-Dichlorobenzene	ND	139

Client ID: **SSDW-1_1.5-2**
Site: Klockner & Klockner

Lab Sample No: **90830**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/23/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9651.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 12.5

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	128
Chloromethane	ND	128
Vinyl Chloride	ND	128
Bromomethane	ND	128
Chloroethane	ND	128
Trichlorofluoromethane	ND	128
1,1-Dichloroethene	ND	128
Methylene Chloride	ND	128
trans-1,2-Dichloroethene	ND	128
1,1-Dichloroethane	ND	128
cis-1,2-Dichloroethene	ND	128
Chloroform	ND	128
1,1,1-Trichloroethane	ND	128
Carbon Tetrachloride	ND	128
1,2-Dichloroethane	ND	128
Trichloroethene	ND	128
1,2-Dichloropropane	ND	128
Bromodichloromethane	ND	128
2-Chloroethyl Vinyl Ether	ND	128
cis-1,3-Dichloropropene	ND	128
trans-1,3-Dichloropropene	ND	128
1,1,2-Trichloroethane	ND	128
Tetrachloroethene	1040	128
Dibromochloromethane	ND	128
Chlorobenzene	ND	128
Bromoform	ND	128
1,1,2,2-Tetrachloroethane	ND	128
1,3-Dichlorobenzene	ND	128
1,4-Dichlorobenzene	ND	128
1,2-Dichlorobenzene	ND	128

Client ID: **SSSD-1_5-5.5**
Site: Klockner & Klockner

Lab Sample No: **90831**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/23/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9652.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 4.7

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	125
Chloromethane	ND	125
Vinyl Chloride	ND	125
Bromomethane	ND	125
Chloroethane	ND	125
Trichlorofluoromethane	ND	125
1,1-Dichloroethene	ND	125
Methylene Chloride	ND	125
trans-1,2-Dichloroethene	ND	125
1,1-Dichloroethane	ND	125
cis-1,2-Dichloroethene	ND	125
Chloroform	ND	125
1,1,1-Trichloroethane	ND	125
Carbon Tetrachloride	ND	125
1,2-Dichloroethane	ND	125
Trichloroethene	ND	125
1,2-Dichloropropane	ND	125
Bromodichloromethane	ND	125
2-Chloroethyl Vinyl Ether	ND	125
cis-1,3-Dichloropropene	ND	125
trans-1,3-Dichloropropene	ND	125
1,1,2-Trichloroethane	ND	125
Tetrachloroethene	ND	125
Dibromochloromethane	ND	125
Chlorobenzene	ND	125
Bromoform	ND	125
1,1,2,2-Tetrachloroethane	ND	125
1,3-Dichlorobenzene	ND	125
1,4-Dichlorobenzene	ND	125
1,2-Dichlorobenzene	ND	125

Client ID: **SSDA-1_1.5-2**
Site: Klockner & Klockner

Lab Sample No: **90832**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/23/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9653.d

Matrix: SOIL
Level: HIGH
Sample Weight: 11 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 15.5

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	132
Chloromethane	ND	132
Vinyl Chloride	ND	132
Bromomethane	ND	132
Chloroethane	ND	132
Trichlorofluoromethane	ND	132
1,1-Dichloroethene	ND	132
Methylene Chloride	ND	132
trans-1,2-Dichloroethene	ND	132
1,1-Dichloroethane	ND	132
cis-1,2-Dichloroethene	ND	132
Chloroform	ND	132
1,1,1-Trichloroethane	ND	132
Carbon Tetrachloride	ND	132
1,2-Dichloroethane	ND	132
Trichloroethene	ND	132
1,2-Dichloropropane	ND	132
Bromodichloromethane	ND	132
2-Chloroethyl Vinyl Ether	ND	132
cis-1,3-Dichloropropene	ND	132
trans-1,3-Dichloropropene	ND	132
1,1,2-Trichloroethane	ND	132
Tetrachloroethene	154	132
Dibromochloromethane	ND	132
Chlorobenzene	ND	132
Bromoform	ND	132
1,1,2,2-Tetrachloroethane	ND	132
1,3-Dichlorobenzene	ND	132
1,4-Dichlorobenzene	ND	132
1,2-Dichlorobenzene	ND	132

Client ID: **Trip_Blank-4**
Site: Klockner & Klockner

Lab Sample No: **90833**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/24/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9661.d

Matrix: SOIL
Level: HIGH
Sample Weight: 10 g
Methanol Ext. Volume: 25.0 ml
Ext. Dilution Factor: 50.0
% Moisture: 0.0

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Dichlorodifluoromethane	ND	125
Chloromethane	ND	125
Vinyl Chloride	ND	125
Bromomethane	ND	125
Chloroethane	ND	125
Trichlorofluoromethane	ND	125
1,1-Dichloroethene	ND	125
Methylene Chloride	ND	125
trans-1,2-Dichloroethene	ND	125
1,1-Dichloroethane	ND	125
cis-1,2-Dichloroethene	ND	125
Chloroform	ND	125
1,1,1-Trichloroethane	ND	125
Carbon Tetrachloride	ND	125
1,2-Dichloroethane	ND	125
Trichloroethene	ND	125
1,2-Dichloropropane	ND	125
Bromodichloromethane	ND	125
2-Chloroethyl Vinyl Ether	ND	125
cis-1,3-Dichloropropene	ND	125
trans-1,3-Dichloropropene	ND	125
1,1,2-Trichloroethane	ND	125
Tetrachloroethene	ND	125
Dibromochloromethane	ND	125
Chlorobenzene	ND	125
Bromoform	ND	125
1,1,2,2-Tetrachloroethane	ND	125
1,3-Dichlorobenzene	ND	125
1,4-Dichlorobenzene	ND	125
1,2-Dichlorobenzene	ND	125

Client ID: **Field_Blank-3**
Site: Klockner & Klockner

Lab Sample No: **90834**
Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/24/98
GC Column: DB624
Instrument ID: VOAGC1.i
Lab File ID: geld9662.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Final Volume: 0.0 mL
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/ELCD
METHOD 8021B

Parameter	Analytical Result Units: ug/l	Quantitation Limit Units: ug/l
Dichlorodifluoromethane	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	1.0
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	1.0
Methylene Chloride	ND	1.0
trans-1,2-Dichloroethene	ND	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
1,2-Dichloroethane	ND	1.0
Trichloroethene	ND	1.0
1,2-Dichloropropane	ND	1.0
Bromodichloromethane	ND	1.0
2-Chloroethyl Vinyl Ether	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Tetrachloroethene	ND	1.0
Dibromochloromethane	ND	1.0
Chlorobenzene	ND	1.0
Bromoform	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0

Site: Klockner & Klockner

Lab Job No: I279

Date Sampled: 10/16/98
Date Received: 10/16/98
Matrix: SOIL

Date Analyzed: 10/20/98
QA Batch: 1404

TOTAL ORGANIC CARBON

Envirotech Sample #	Client ID	% Moisture	Dilution Factor	Analytical Result mg/kg (Dry Wt.)
90835	SSGC-4A_2-4	9.5	1.0	10400
90836	SSGC-3A_4.5-5.5	7.1	1.0	429
90837	SSGC-2A_3-4	14.6	2.5	1960

Quantitation Limit for Total Organic Carbon is 100 mg/kg for an undiluted sample.

CHAIN OF CUSTODY

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02

LABORATORY: Envirotech Project #809002

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/16/98

SAMPLER(S): Cheryl L. Coffee

I279

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED		PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
11:47	~~SS~~ fence Area SG33	SSFA-1	1.5-2'	soil	PHAL	90821	ICE MEOH	2	
11:50	fence Area SG33	SSFA-6A	1.5-2'	soil	PHAL	90822	ICE MEOH	2	
11:45	fence Area SG33	SSFA-1	10.5-11'	soil	PHAL	90823	ICE MEOH	2	
1:10	Fence area SG33	SSFA-2	0.5-1'	soil	PHAL	90824	ICE MEOH	2	contingent
1:35	Fence area SG 33A	SSFA-3	0.5-1'	soil	PHAL	90825	ICE MEOH	2	contingent
12:10	Fence Area SG32A	SSFA-4	0.5-1'	soil	PHAL	90826	ICE MEOH	2	contingent
10:00	Fence Area SG23A	SSFA-5	3-3.5	soil	PHAL	90827	ICE MEOH	2	contingent
2:55	pipe through wall	SSPP-1	6.5-7	soil	PHAL	90828	ICE MEOH	2	
11:00	floor drain hydropress	SSFD-2	3-4	soil	PHAL	90829	ICE MEOH	2	
1:45	Near drywell	SSDW-1	1.5-2	soil	PHAL	90830	ICE MEOH	2	
3:10	catch Basin	SSSD-1	5-5.5	soil	PHAL	90831	ICE MEOH	2	
2:35	Dumpster Pad	SSDA-1	1.5-2	soil	PHAL	90832	ICE MEOH	2	

RELINQUISHED BY: Cheryl L Coffee DATE: 10/16/98 TIME: 1755 RECEIVED BY: [illegible] DATE: 10/16/98 TIME 1755

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN: BASE NEUTRALS WITH LIBRARY SEARCH
AE. ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM: PRIORITY POLLUTANT METALS
PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300929

CHAIN-OF-CUSTODY

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02

LABORATORY: Envirotech Project #809002

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/16/98

SAMPLER(S): Cheryl L. Coffee

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
—	~~FB-4~~ Trip Blank	TB-4	—	~~H_2O~~ MeOH	PHAL	Ice MEOH	1	90833
3:30	Field Blank	FB-3	·	H_2O	PHAL	ice HCL	2	90834
1:45	Geologic Character	SSGC-4A 2-4'		soil	Grain Size & TOC	ice	2	90835
11:55	Geologic Character	SSGC-3A 4.5-5		soil	Grain Size & TOC	ice	2	90836
10:00	Geologic Character	SSGC-2A 3-4		soil	Grain Size & TOC	ice	2	90837

RELINQUISHED BY: Cheryl L Coffee DATE: 10/16/98 TIME: 1755 RECEIVED BY: [signature] DATE: 10/16/98 TIME 1755

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

TOTAL NO. CONTAINERS_____

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN: BASE NEUTRALS WITH LIBRARY SEARCH
AE: ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM: PRIORITY POLLUTANT METALS
PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300930

ENVIROTECH RESEARCH, INC.

777 New Durham Road
Edison, New Jersey 08817
Tel: (732) 549-3900
Fax: (732) 549-3679
www.enviro-lab.com

November 2, 1998

The Whitman Companies, Inc.
44 West Ferris Street
East Brunswick, NJ 08816

Attention: Mr. Michael Metlitz

Re: Job No. I280 - Klockner & Klockner

Dear Mr. Metlitz:

Enclosed are the results you requested for the following sample(s) received at our laboratory on October 16, 1998:

Lab No.	Client ID	Analysis Required
90838	DSSR-1	TCL VOA+10, PCBs, TAL Metals, Ignitability, Reactivity, Corrosivity
90839	DSRW-1	TCL VOA+10, PCBs, TAL Metals, Ignitability, Reactivity, Corrosivity
90840	Trip_Blank	TCL VOA+10

If you have any questions please contact your Project Manager, Robert McGrady, at (732) 549-3900.

Very truly yours,

Michael J. Urban
Laboratory Manager

RECEIVED
NOV 4 1998
The Whitman Companies, Inc.

300931

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B. Water samples are analyzed for volatile organics by purge and trap GC/PID and GC/ELCD as specified in EPA Methods 601 and 602. Solid samples are analyzed by GC/PID and GC/ELCD in accordance with SW-846, 3rd Edition Method 8021B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method 200.7 and solid Method 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1 and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

	Water Test Method		Solid Test Method	
Element	Flame	Furnace	Flame	Furnace
Aluminum	202.1	202.2	7020	--
Antimony	204.1	204.2	7040	7041
Arsenic	--	206.2	--	7060
Barium	208.1	--	7080	--
Beryllium	210.1	210.2	7090	7091
Cadmium	213.1	213.2	7130	7131
Calcium	215.1	--	7140	--
Chromium, Total	218.1	218.2	7190	7191
Chromium, (+6)	218.4	218.5	7197	7195
Cobalt	219.1	219.2	7200	7201
Copper	220.1	220.2	7210	--
Iron	236.1	236.2	7380	--
Lead	239.1	239.2	7420	7421
Magnesium	242.1	--	7450	--
Manganese	243.1	243.2	7460	--
Nickel	249.1	249.2	7520	--
Potassium	258.1	--	7610	--
Selenium	--	270.2	--	7740
Silver	272.1	272.2	7760	--
Sodium	273.1	--	7770	--
Tin	283.1	283.2	7870	--
Thallium	279.1	279.2	7840	7841
Vanadium	286.1	286.2	7910	7911
Zinc	289.1	289.2	7950	--

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	- Method 1020A
Corrosivity	- Water pH Method 9040B Soil pH Method 9045C
Reactivity	- Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release
Toxicity	- TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 17th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

ORGANIC DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

ND - The compound was not detected at the indicated concentration.

B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.

M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.

N - The spiked sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

* - Duplicate Analysis is not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.

\+ - Correlation coefficient for MSA is less than 0.995.

M Column - Method Qualifiers

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).

A - Flame Atomic Absorption Spectroscopy (FAA).

F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).

CV - Cold Vapor Atomic Absorption Spectroscopy.

Client ID: **DSSR-1**
Site: Klockner & Klockner

Lab Sample No: **90838**
Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/27/98
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v5872.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	4.6
Bromomethane	ND	1.4
Vinyl Chloride	ND	2.0
Chloroethane	ND	5.2
Methylene Chloride	ND	5.2
Acetone	46	25
Carbon Disulfide	ND	5.0
1,1-Dichloroethene	ND	2.8
1,1-Dichloroethane	ND	1.6
trans-1,2-Dichloroethene	ND	1.5
cis-1,2-Dichloroethene	ND	5.0
Chloroform	ND	1.0
1,2-Dichloroethane	ND	1.1
2-Butanone	ND	25
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	0.8
Bromodichloromethane	ND	0.9
1,2-Dichloropropane	ND	2.3
cis-1,3-Dichloropropene	ND	1.6
Trichloroethene	ND	2.0
Dibromochloromethane	ND	1.2
1,1,2-Trichloroethane	ND	2.2
Benzene	ND	1.2
trans-1,3-Dichloropropene	ND	1.6
Bromoform	ND	1.5
4-Methyl-2-Pentanone	ND	25
2-Hexanone	ND	25
Tetrachloroethene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	1.6
Toluene	ND	0.9
Chlorobenzene	ND	0.7
Ethylbenzene	ND	1.2
Styrene	ND	5.0
Xylene (Total)	ND	5.0

Client ID: **DSSR-1**
Site: Klockner & Klockner

Lab Sample No: **90838**
Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/27/98
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v5872.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 5.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **DSRW-1**
Site: Klockner & Klockner

Lab Sample No: **90839**
Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/24/98
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v5769.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	9.3
Bromomethane	ND	2.7
Vinyl Chloride	ND	3.9
Chloroethane	ND	10
Methylene Chloride	ND	10
Acetone	ND	50
Carbon Disulfide	ND	10
1,1-Dichloroethene	ND	5.5
1,1-Dichloroethane	ND	3.1
trans-1,2-Dichloroethene	ND	3.0
cis-1,2-Dichloroethene	ND	10
Chloroform	ND	2.0
1,2-Dichloroethane	ND	2.2
2-Butanone	ND	50
1,1,1-Trichloroethane	ND	2.0
Carbon Tetrachloride	ND	1.6
Bromodichloromethane	ND	1.9
1,2-Dichloropropane	ND	4.6
cis-1,3-Dichloropropene	ND	3.3
Trichloroethene	ND	4.1
Dibromochloromethane	ND	2.3
1,1,2-Trichloroethane	ND	4.3
Benzene	ND	2.4
trans-1,3-Dichloropropene	ND	3.1
Bromoform	ND	3.0
4-Methyl-2-Pentanone	ND	50
2-Hexanone	ND	50
Tetrachloroethene	ND	1.0
1,1,2,2-Tetrachloroethane	ND	3.3
Toluene	ND	1.8
Chlorobenzene	ND	1.4
Ethylbenzene	ND	2.4
Styrene	ND	10
Xylene (Total)	ND	10

Client ID: **DSRW-1**
Site: Klockner & Klockner

Lab Sample No: **90839**
Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/24/98
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v5769.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 10.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
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28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION 0.0

300939

Client ID: **Trip_Blank**
Site: Klockner & Klockner

Lab Sample No: **90840**
Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/24/98
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v5770.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.9
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.4
Chloroethane	ND	1.0
Methylene Chloride	ND	1.0
Acetone	ND	5.0
Carbon Disulfide	ND	1.0
1,1-Dichloroethene	ND	0.6
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.3
cis-1,2-Dichloroethene	ND	1.0
Chloroform	ND	0.2
1,2-Dichloroethane	ND	0.2
2-Butanone	ND	5.0
1,1,1-Trichloroethane	ND	0.2
Carbon Tetrachloride	ND	0.2
Bromodichloromethane	ND	0.2
1,2-Dichloropropane	ND	0.5
cis-1,3-Dichloropropene	ND	0.3
Trichloroethene	ND	0.4
Dibromochloromethane	ND	0.2
1,1,2-Trichloroethane	ND	0.4
Benzene	ND	0.2
trans-1,3-Dichloropropene	ND	0.3
Bromoform	ND	0.3
4-Methyl-2-Pentanone	ND	5.0
2-Hexanone	ND	5.0
Tetrachloroethene	ND	0.1
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	ND	0.2
Chlorobenzene	ND	0.1
Ethylbenzene	ND	0.2
Styrene	ND	1.0
Xylene (Total)	ND	1.0

Client ID: **Trip_Blank**
Site: Klockner & Klockner

Lab Sample No: **90840**
Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Analyzed: 10/24/98
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v5770.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
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29.			
30.			

TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **DSSR-1**
Site: Klockner & Klockner

Lab Sample ID: **90838**
Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Extracted: 10/21/98
Date Analyzed: 10/27/98
GC Column: DB-608
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 990 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr004375.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 608

Parameter	Analytical Results Units: ug/l	Method Detection Limit Units: ug/l
Aroclor-1016	ND	0.30
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.40
Aroclor-1242	ND	0.20
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.40
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.20
Aroclor-1268	ND	0.20

Client ID: **DSRW-1**
Site: Klockner & Klockner

Lab Sample ID: **90839**
Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Date Extracted: 10/21/98
Date Analyzed: 10/27/98
GC Column: DB-608
Instrument ID: PESTGC6.i

Matrix: WATER
Sample Volume: 920 ml
Extract Final Volume: 5.0 ml
Dilution Factor: 1.0
Lab File ID: nr004398.d

ORGANOCHLORINE PCBs - GC/ECD
METHOD 608

Parameter	Analytical Results Units: ug/l	Method Detection Limit Units: ug/l
Aroclor-1016	ND	0.30
Aroclor-1221	ND	0.30
Aroclor-1232	ND	0.40
Aroclor-1242	ND	0.20
Aroclor-1248	ND	0.30
Aroclor-1254	ND	0.40
Aroclor-1260	ND	0.20
Aroclor-1262	ND	0.20
Aroclor-1268	ND	0.20

Client ID: **DSSR-1**
Site: **Klockner & Klockner**

Lab Sample No: 90838
Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	M
Aluminum	10200	58.2	P
Antimony	ND	4.6	P
Arsenic	6.0	3.8	P
Barium	606	1.4	P
Beryllium	4.5	0.20	P
Cadmium	17.5	0.40	P
Calcium	94100	42.2	P
Chromium	365	1.0	P
Cobalt	25.3	1.2	P
Copper	231	3.5	P
Iron	153000	41.5	P
Lead	304	2.5	P
Magnesium	41500	40.3	P
Manganese	794	1.1	P
Mercury	14.8	0.50	CV
Nickel	123	2.1	P
Potassium	106000	601	P
Selenium	ND	4.8	P
Silver	ND	1.4	P
Sodium	246000	263	P
Thallium	ND	4.8	P
Vanadium	21.2	1.9	P
Zinc	5730	9.0	P

M Column - Method Code (See Section 2 of Report)

Client ID: **DSRW-1**
Site: **Klockner & Klockner**

Lab Sample No: 90839
Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	M
Aluminum	30100	58.2	P
Antimony	ND	4.6	P
Arsenic	10.6	3.8	P
Barium	209	1.4	P
Beryllium	1.4	0.20	P
Cadmium	1.0	0.40	P
Calcium	159000	42.2	P
Chromium	155	1.0	P
Cobalt	11.5	1.2	P
Copper	263	3.5	P
Iron	37500	41.5	P
Lead	92.5	2.5	P
Magnesium	11700	40.3	P
Manganese	696	1.1	P
Mercury	0.15	0.10	CV
Nickel	85.2	2.1	P
Potassium	11400	300	P
Selenium	ND	4.8	P
Silver	ND	1.4	P
Sodium	319000	263	P
Thallium	ND	4.8	P
Vanadium	64.2	1.9	P
Zinc	684	4.5	P

M Column - Method Code (See Section 2 of Report)

Site: Klockner & Klockner

Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Matrix: WATER

Date Analyzed: 10/19/98
QA Batch: 1681

CORROSIVITY (pH)

Envirotech Sample #	Client ID	Analytical Result Units: std unit
90838	DSSR-1	7.63
90839	DSRW-1	10.31

Site: Klockner & Klockner

Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Matrix: WATER

Date Analyzed: 10/19/98
QA Batch: 1376

IGNITABILITY

Envirotech Sample #	Client ID	Flashpoint Units: deg F
90838	DSSR-1	>160
90839	DSRW-1	>160

Site: Klockner & Klockner

Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Matrix: WATER

Date Extracted: 10/19/98
Date Analyzed: 10/19/98
QA Batch: 1364

REACTIVE CYANIDE

Envirotech Sample #	Client ID	Dilution Factor	Analytical Result Units: mg/l
90838	DSSR-1	2.0	ND
90839	DSRW-1	2.0	ND

Quantitation Limit for Reactive Cyanide is 25.0 mg/l

Site: Klockner & Klockner

Lab Job No: I280

Date Sampled: 10/16/98
Date Received: 10/16/98
Matrix: WATER

Date Extracted: 10/19/98
Date Analyzed: 10/19/98
QA Batch: 1364

REACTIVE SULFIDE

Envirotech Sample #	Client ID	Dilution Factor	Analytical Result Units: mg/l
90838	DSSR-1	2.0	ND
90839	DSRW-1	2.0	ND

Quantitation Limit for Reactive Sulfide is 20.0 mg/l

PROJECT NAME: Klockner & Klockner
PROJECT NO: 95-03-02
LABORATORY: Envirotech Project #809002

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/16/98
SAMPLER(S): Cheryl L. Coffee

I280

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
4:00	Scale Room	DSSR-1	—	H_2O	VOC, PCB, Metals, Ign, Corros, React	Ice, HCl HNO_3	6	90838
3:50	Rinse Water	DSRW-1	—	H_2O	VOC, PCB, Metals, Ign, Corros React	Ice, HCl HNO_3	6	90839
ED HAIN →	TRIP BLANK			W			2	90840

RELINQUISHED BY: Cheryl L Coffee DATE: 10/16/98 TIME: 18:12 RECEIVED BY: [signature] DATE: 10/16/98 TIME 18:12

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN: BASE NEUTRALS WITH LIBRARY SEARCH
AE: ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM: PRIORITY POLLUTANT METALS
PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE
TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300950

ENVIROTECH RESEARCH, INC.

777 New Durham Road
Edison, New Jersey 08817
Tel: (732) 549-3900
Fax: (732) 549-3679
www.enviro-lab.com

November 17, 1998

RECEIVED
1998
The Whitman Companies, Inc.

The Whitman Companies, Inc.
44 West Ferris Street
East Brunswick, NJ 08816

Attention: Dr. Ira Whitman

Re: Job No. H941GS - Klockner & Klockner

Dear Dr. Whitman:

Enclosed are the results you requested for the following sample(s) received at our laboratory on October 7 and 9, 1998:

Lab No.	Client ID	Analysis Required
H941-88549	SSGC-1	Grain Size
H950-88670	SSGC-2	Grain Size
H950-88673	SSGC-3	Grain Size
H950-88680	SSGC-4	Grain Size
I052-89302	SSGC-1A	Grain Size

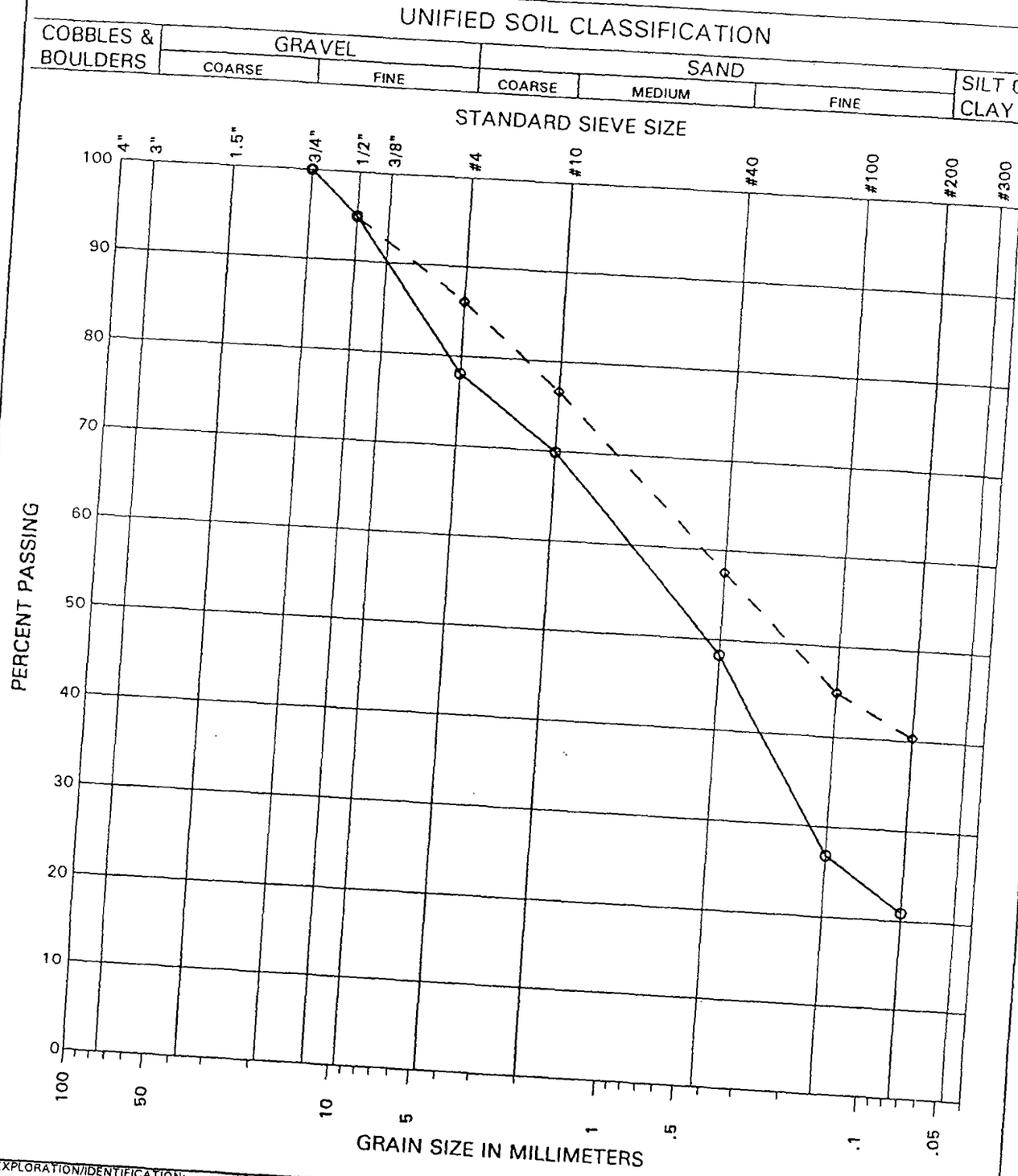
An invoice for our services is also enclosed. If you have any questions please contact your Project Manager, Robert McGrady, at (732) 549-3900.

Very truly yours,

Michael J. Urban
Laboratory Manager

300951

300952



EXPLORATION/IDENTIFICATION:	DEPTH/SOURCE:			
H941-88549	ENVIROTECH ;4'-6'			
LINE SYMBOL:	MOISTURE CONTENT (%):	LIQUID LIMIT (%):	PLASTIC LIMIT (%):	USCS SYMBOL:
	8.4	----	----	SM
USCS CLASSIFICATION: FINE TO MEDIUM SAND,SOME FINE GRAVEL,SOME CLAYEY SILT				
EXPLORATION/IDENTIFICATION:	DEPTH/SOURCE:			
H950-88670	EVIROTECH ;1'-3'			
LINE SYMBOL:	MOISTURE CONTENT (%):	LIQUID LIMIT (%):	PLASTIC LIMIT (%):	USCS SYMBOL:
	15.7	----	----	SM
USCS CLASSIFICATION: FINE TO MEDIUM SAND,AND CLAYEY SILT,LITTLE FINE GRAVEL				

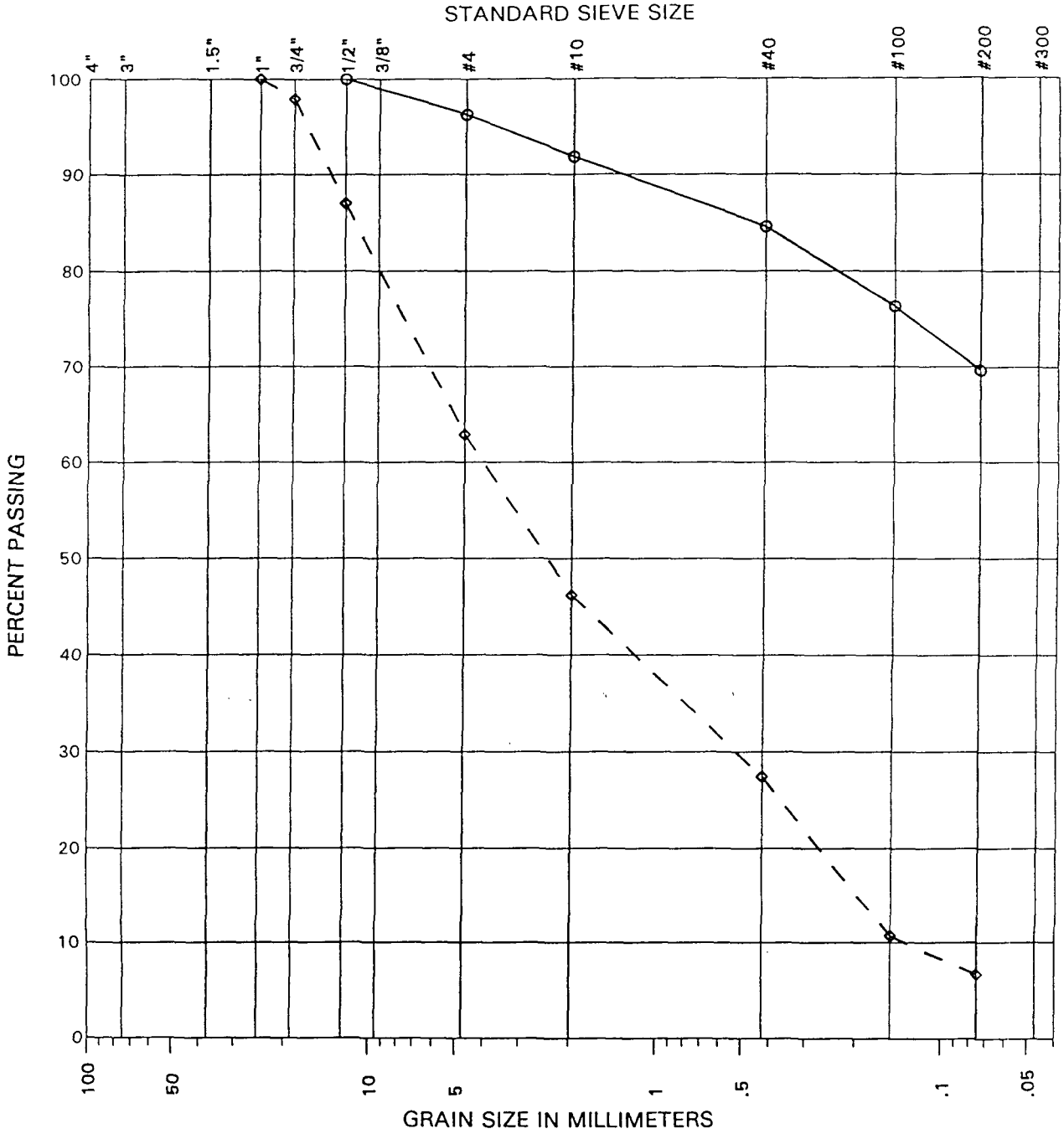
GRADATION CURVES

MELICK - TULLY AND ASSOCIATES, P.C.

PLATE 1A

UNIFIED SOIL CLASSIFICATION

COBBLES & BOULDERS	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	

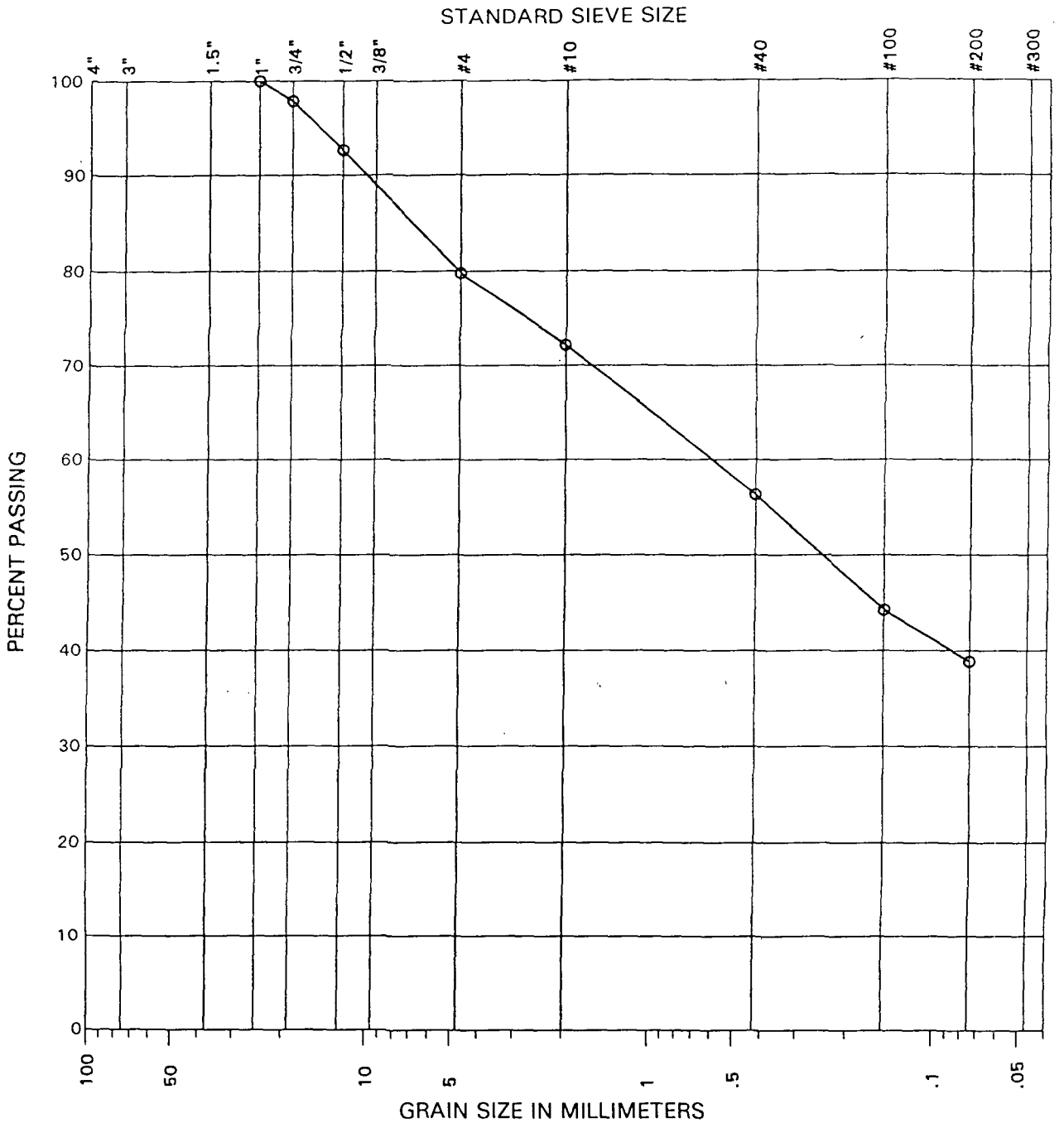


EXPLORATION/IDENTIFICATION:	DEPTH/SOURCE:			
H950-88673	ENVIROTECH ;1'-4'			
LINE SYMBOL:	MOISTURE CONTENT (%): 19.4	LIQUID LIMIT (%): ----	PLASTIC LIMIT (%): ----	USCS SYMBOL: ML
USCS CLASSIFICATION: CLAYEY SILT,SOME FINE TO COARSE SAND,TRACE FINE GRAVEL				
EXPLORATION/IDENTIFICATION:	DEPTH/SOURCE:			
H950-88680	ENVIROTECH ;4'-7'			
LINE SYMBOL:	MOISTURE CONTENT (%): 2.9	LIQUID LIMIT (%): ----	PLASTIC LIMIT (%): ----	USCS SYMBOL: SP/SM
USCS CLASSIFICATION: FINE TO COARSE SAND,AND FINE TO COARSE GRAVEL,TRACE SILT				

GRADATION CURVES

UNIFIED SOIL CLASSIFICATION

COBBLES & BOULDERS	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	



EXPLORATION/IDENTIFICATION:	DEPTH/SOURCE:			
1052-89302	ENVIROTECH ;1.5'-4'			
LINE SYMBOL:	MOISTURE CONTENT (%):	LIQUID LIMIT (%):	PLASTIC LIMIT (%):	USCS SYMBOL:
	15.3	----	----	SM
USCS CLASSIFICATION: FINE TO MEDIUM SAND,AND CLAYEY SILT,SOME FINE TO COARSE GRAVEL				

GRADATION CURVE

300954

PROJECT NAME: [illegible]
PROJECT NO: 99-03-01 Envirotech # 809003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: [illegible] Avenue & [illegible] Street, [illegible] Borough, NJ
SAMPLE DATE: 10/6/98
SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

PAGE 1 OF 2

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESERVATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
4:00	FIELD BLANK	FB-1	N/A	H_2O	BN, TAL METALS, PHC, CN	ICE/H_2SO_4 HNO_3, NaOH	4	88548
4:00	ALLEYWAY (SS AW-3)	SSGC-1	1-4'	SOIL	GRAIN SIZE, TOC	ICE	2	88549
—	TRIP BLANK	TB-1	N/A	~~MEOH~~ water	VOC 8260 (TCL)	HCL ICE	2	88550
11:20	ALLEYWAY	SSAW-8	5.5-6'	SOIL	PHAL 8021	MEOH/ICE	2	88551
3:30	ALLEYWAY	SSAW-3	1-1.5'	SOIL	PHAL 8021	MEOH/ICE	2	88552
3:30	ALLEYWAY	SSAW-3	11.5-12'	SOIL	PHAL 8021	MEOH/ICE	2	88553
2:40	WASTE OIL TANK	SSWT-1	7-7.5'	SOIL	PHAL 8021	MEOH/ICE	2	88554
1:30	ALLEYWAY	SSAW-1	2.5-3	SOIL	PHAL 8021	MEOH/ICE	2	88555
2:00	ALLEYWAY	SSAW-1	13-13.5	SOIL	PHAL 8021	MEOH/ICE	2	88556
10:30	NORTH DRUM STORAGE	SSNDS-2	1.5-2'	SOIL	VOC'S 8260 (TCL)	MEOH/ICE	2	88557
11:30	ALLEYWAY	SSAW-8	11-11.5	SOIL	PHAL 8021	MEOH/ICE	2	88558
1010	NORTH DRUM STORAGE	SSNDS-1A	1-1.5	SOIL	VOC'S 8260 (TCL)	MEOH/ICE	2	88559

RELINQUISHED BY: [signature] DATE: 10/7/98 TIME: 0830 RECEIVED BY: [signature] DATE: 10/7/98 TIME: 0830

RELINQUISHED BY: [signature] DATE: 10/7/98 TIME: 0830 RECEIVED BY: [signature] DATE: 10/7/98 TIME: 0930

Full CLP Deliverables

TOTAL NO. CONTAINERS 26

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN: BASE NEUTRALS WITH LIBRARY SEARCH
AE: ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM: PRIORITY POLLUTANT METALS
PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300955

PROJECT NAME: Klockner & Klockner
PROJECT NO: 95-03-02 Envirotech # 809003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/6/98
SAMPLER(S): Cheryl L. Coffee / L. WEST COTT

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
12:15	DRUM STORAGE SHED	SSFS-1	.5-1'	SOIL	VOC'S 8260 (TCL)	ICE/MEOH	2	88560
2:20	WASTE OIL TANK	SSWT-2	7-7.5	SOIL	PHAL 8021	ICE/MEOH	2	88561
10:10	NORTH DRUM STORAGE	SSNDS-1A	0-.5	SOIL	PHC, *BN, TAL METALS	ICE/MEOH	1 ~~2~~	LW 88562
10:30	NORTH DRUM STORAGE	SSNDS-2A	0-.5	SOIL	PHC, *BN, TAL METALS	ICE/MEOH	1 ~~2~~	LW 88563
11:50	DRUM STORAGE ALLEYWAY	SSDSA-1	0-.5	SOIL	CN, TAL METALS	ICE/MEOH	1 ~~2~~	LW 88564
12.15	DRUM STORAGE SHED	SSFS-1	0-.5	SOIL	*BN+15, TAL METALS, PHC	ICE/MEOH	1 ~~2~~	LW 88565
11:40	CATCH BASIN	SSCB-1	2-2.5	SOIL	BN+15, TAL METALS	ICE/MEOH	1 ~~2~~	LW 88566
2:40 (R)	WASTE OIL TANK	SSWT-1 (R)	7-7.5	SOIL	TAL METALS	ICE	1	88567
—	~~TRIPBLANK~~	~~TB-1~~	—	~~MEOH~~	~~VOC 8021~~	~~ICE/MEOH~~	~~1~~	~~LW~~
12:00	DRUM STORAGE ALLEYWAY	SSDSA-1	1.5-2	SOIL	PHAL 8021	ICE/MEOH	2	88568
5:05 PM	Alleyway	SSAW-6	2-2.5	SOIL	PHAL 8021	ICE/MEOH	2	88569
5:10	Alleyway	SSAW-6	9-9.5	SOIL	PHAL 8021	ICE/MEOH	2	88670

RELINQUISHED BY: Cheryl L Coffee DATE: 10/7/98 TIME: 8:30 RECEIVED BY: Wayne [illegible] DATE: 10/7/98 TIME: 08:30

RELINQUISHED BY: Wayne [illegible] DATE: 10/7/98 TIME: 09:30 RECEIVED BY: [illegible] DATE: 10/7/98 TIME: 09:30

TOTAL NO. CONTAINERS 17

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN: BASE NEUTRALS WITH LIBRARY SEARCH
AE: ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM: PRIORITY POLLUTANT METALS
PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE
TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300956

PROJECT NAME: Klockner & Klockner
PROJECT NO: 95-03-02 Envirotech Research # 809003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/7/98
SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

H950

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
—	TRIP BLANK		N/A	MEOH		ICE	1	88662
1405	FIELD BLANK	FB-2	N/A	H_2O	TCL VOC	ICE/HCl	2	88663
1045	ALLEYWAY	SSAW-7	5-5.5	SOIL	PHAL 8021	ICE/MEOH	2	88664
1046	ALLEYWAY	SSAW-7	12-12.5	SOIL	PHAL 8021	ICE/MEOH	2	88665
1105	SUMP	SSSP-1	4-4.5	SOIL	TCL VOC, PHC, TAL METALS, *BNTIS	ICE/MEOH	3	88666
1152	ALLEY WAY	SSAW-9	1-1.5	SOIL	PHAL (8021)	ICE/MEOH	2	88669
1155	ALLEY WAY	SSAW-10	1-1.5	SOIL	PHAL (8021)	ICE/MEOH	2	88668
1210	ALLEYWAY	SSAW-9	11.5-12'	SOIL	PHAL (8021)	ICE/MEOH	2	88669
1200	GEOLOGICAL CHARACTERISTIC	SSGC-2	1-3'	SOIL	TOC, GRAINSIZE	ICE	2	88670
1235	ALLEYWAY	SSAW-2	1.5-2'	SOIL	PHAL (8021)	ICE/MEOH	2	88671
1243	ALLEY WAY	SSAW-2	7.5-8'	SOIL	PHAL (8021)	ICE/MEOH	2	88672
1245	GEOLOGICAL CHARACTERISTICS	SSGC-3	1-4'	SOIL	TOC, GRAIN SIZE	ICE	2	88673

RELINQUISHED BY: Cheryl Coffee DATE: 10/7/98 TIME: 1745 RECEIVED BY: [signature] DATE: 10/7/98 TIME 1745

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
VOC: VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH
PAH: POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH
BN: BASE NEUTRALS WITH LIBRARY SEARCH
AE: ACID EXTRACTABLES WITH LIBRARY SEARCH
PPM: PRIORITY POLLUTANT METALS
PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE
TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300957

PROJECT NAME: [illegible]
PROJECT NO: 93-03-02 Envirotech # 807003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Sibelle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/7/98
SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

H950

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
1303	SCALE ROOM	SSSR-2	0-.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88674
1320	SCALE ROOM	SSSR-3	0-.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88675
1351	DRUM STORAGE AREA	SSDSA-2	0-.5'	SOIL	Cn	ICE	1	88676
1354	DRUM STORAGE SHED	SSFS-2	0-.5	SOIL	PHC, TAL METALS*, BN+IS	ICE	1	BN CONTINGENT 88677
1438	ALLEY WAY	SSAW-4	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88678
1445	ALLEY WAY	SSAW-4	9.5-10'	SOIL	PHAL (8021)	ICE/MEOH	2	88679
1450	GEOLOGICAL CHARACTERISTICS	SSGC-4	4-7'	SOIL	TOC, GRAIN SIZE	ICE	2	88680
1515	SCALE ROOM	SSSR-1	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88681
1520	SCALE ROOM	SSSR-4	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88682
1530	LEACH PIT	SSLP-1	12-12.5	SOIL	TAL METALS	ICE	1	88683
1615	GAS TANK	SSGT-2	7-7.5	SOIL	TCL VOC	ICE/MEOH	2	88684
1625	GAS TANK	SSGT-4	7-7.5	SOIL	TCL VOC, Pb	ICE/MEOH	3	88685

RELINQUISHED BY: Cheryl L. Coffee DATE: 10/7/98 TIME: 1745 RECEIVED BY: [signature] DATE: 1745 TIME 10/7/98

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

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PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

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FT = FLOOR TILE
TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300958

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02 Envirotech # 809003

LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Nickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/7/98

SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

H950

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
1630	GAS TANK	SSGT-3	7-7.5	SOIL	TCL VOC	ICE/MEOH	2	886 86

RELINQUISHED BY: Cheryl Coffee DATE: 10/7/98 TIME: 1745 RECEIVED BY: [illegible] DATE: 1745 TIME 10/7/98

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

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TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300959

CHAIN OF CUSTODY

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02 Envirotech #809003

LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/6/98

SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
4:00	FIELD BLANK	FB-1	N/A	H_2O	BN, TAL METALS, PHC, CN	ICE/H_2SO_4 HNO_3, NaOH	4	88548
4:00	ALLEYWAY (SS AW-3)	SSGC-1	1-4'	SOIL	GRAIN SIZE, TOC	ICE	2	88549
—	TRIP BLANK	TB-1	N/A	~~HEAT~~ water	VOC 8260 (TCL)	TCL ICE	2	88550
11:20	ALLEYWAY	SSAW-8	5.5-6'	SOIL	PHAL 8021	MEOH/ICE	2	88551
3:30	ALLEYWAY	SSAW-3	1-1.5'	SOIL	PHAL 8021	MEOH/ICE	2	88552
3:30	ALLEYWAY	SSAW-3	11.5-12'	SOIL	PHAL 8021	MEOH/ICE	2	88553
2:40	WASTE OIL TANK	SSWT-1	7-7.5'	SOIL	PHAL 8021	MEOH/ICE	2	88554
1:30	ALLEYWAY	SSAW-1	2.5-3	SOIL	PHAL 8021	MEOH/ICE	2	88555
2:00	ALLEYWAY	SSAW-1	13-13.5	SOIL	PHAL 8021	MEOH/ICE	2	88556
10:30	NORTH DRUM STORAGE	SSNDS-2	1.5-2'	SOIL	VOC'S 8260 (TCL)	MEOH/ICE	2	88557
11:30	ALLEYWAY	SSAW-8	11-11.5	SOIL	PHAL 8021	MEOH/ICE	2	88558
1010	NORTH DRUM STORAGE	SSNDS-1A	1-1.5	SOIL	VOC'S 8260 (TCL)	MEOH/ICE	2	88559

RELINQUISHED BY: [signature] DATE: 10/7/98 TIME: 0830 RECEIVED BY: [signature] DATE: 10.7.98 TIME 0830

RELINQUISHED BY: [signature] DATE: 10/7/98 TIME: 0830 RECEIVED BY: [signature] DATE: 10/7/98 TIME 0930

Full CLP Deliverables

TOTAL NO. CONTAINERS 26

ANALYTICAL PARAMETER IDENTIFICATION KEY:

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CT = CEILING TILE
FT = FLOOR TILE

TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300960

CHAIN-OF-CUSTODY

PROJECT NAME: Klockner & Klockner
PROJECT NO: 95-03-02 Envirotech # 809003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/6/98
SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
12:15	DRUM STORAGE SHED	SSFS-1	.5-1'	SOIL	VOC'S 8260 (TCL)	ICE/MEOH	2	88560
2:20	WASTE OIL TANK	SSWT-2	7-7.5	SOIL	PHAL 8021	ICE/MEOH	2	88561
10:10	NORTH DRUM STORAGE	SSNDS-1A	0-.5	SOIL	PHC, *BN, TAL METALS	ICE/MEOH	1 ~~2~~	LW 88562
10:30	NORTH DRUM STORAGE	SSNDS-2A	0-.5	SOIL	PHC, *BN, TAL METALS	ICE/MEOH	1 ~~2~~	LW 88563
11:50	DRUM STORAGE ALLEYWAY	SSDSA-1	0-.5	SOIL	CN, TAL METALS	ICE/MEOH	1 ~~2~~	LW 88564
12.15	DRUM STORAGE SHED	SSFS-1	0-.5	SOIL	*BN+15, TAL METALS, PHC	ICE/MEOH	1 ~~2~~	LW 88565
11:40	CATCH BASIN	SSCB-1	2-2.5	SOIL	BN+15, TAL METALS	ICE/MEOH	1 ~~2~~	LW 88566
2:40 (R)	WASTE OIL TANK	SSWT-~~1~~ 2 (R)	7-7.5	SOIL	TAL METALS	ICE	1	88567
—	~~TRIPBLANK~~	~~TB-1~~	—	~~MEOH~~	~~VOC 8021~~	~~ICE/MEOH~~	~~1~~	~~LW~~
12:00	DRUM STORAGE ALLEYWAY	SSDSA-1	~~1~~ 2	SOIL	PHAL 8021	ICE/MEOH	2	88568
5:05 PM	Alleyway	SSAW-6	2-2.5	SOIL	PHAL 8021	ICE/MEOH	2	88569
5:10	Alleyway	SSAW-6	9-9.5	SOIL	PHAL 8021	ICE/MEOH	2	88670

RELINQUISHED BY: Cheryl L Coffee DATE: 10/7/98 TIME 8:30 RECEIVED BY: Wayne Lee DATE: 10/7/98 TIME 08:30

RELINQUISHED BY: Wayne Lee DATE: 10/7/98 TIME: 0930 RECEIVED BY: [illegible] DATE: 10/7/98 TIME 0930

TOTAL NO. CONTAINERS 17

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
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PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
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TSI = THERMAL SYSTEM INSULATION

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300961

PROJECT NAME: Klockner & Klockner
PROJECT NO: 95-03-02 Envirotech # 809003
LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Sickle Avenue & Elm Street, Rockaway Borough, NJ
SAMPLE DATE: 10/7/98
SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

H950

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
1303	SCALE ROOM	SSSR-2	0-.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88674
1320	SCALE ROOM	SSSR-3	0-.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88675
1351	DRUM STORAGE AREA	SSDSA-2	0-.5'	SOIL	Cn	ICE	1	88676
1354	DRUM STORAGE SHED	SSFS-2	0-.5	SOIL	PHC, TAL METALS, BN+IS	ICE	1	BN CONTINGENT 88677
1438	ALLEY WAY	SSAW-4	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88678
1445	ALLEY WAY	SSAW-4	9.5-10'	SOIL	PHAL (8021)	ICE/MEOH	2	88679
1450	GEOLOGICAL CHARACTERISTICS	SSGC-4	4-7'	SOIL	TOC, GRAIN SIZE	ICE	2	88680
1515	SCALE ROOM	SSSR-1	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88681
1520	SCALE ROOM	SSSR-4	4-4.5'	SOIL	PHAL (8021)	ICE/MEOH	2	88682
1530	LEACH PIT	SSLP-1	12-12.5	SOIL	TAL METALS	ICE	1	88683
1615	GAS TANK	SSGT-2	7-7.5	SOIL	TCL VOC	ICE/MEOH	2	88684
1625	GAS TANK	SSGT-4	7-7.5	SOIL	TCL VOC, Pb	ICE/MEOH	3	88685

RELINQUISHED BY: Cheryl L. Coffee DATE: 10/7/98 TIME: 1745 RECEIVED BY: [signature] DATE: 1745 TIME 10/7/98

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC: PETROLEUM HYDROCARBONS
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PP+40: PRIORITY POLLUTANT PLUS FORTY PEAKS

CT = CEILING TILE
FT = FLOOR TILE
TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300962

CHAIN OF CUSTODY

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02 Envirotech # 809003

LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/7/98

SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

H950

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
1630	GAS TANK	SSGT-3	7-7.5	SOIL	TCL VOC	ICE/MEOH	2	886 86

RELINQUISHED BY: Cheryl Coffee DATE: 10/7/98 TIME: 1745 RECEIVED BY: [illegible] DATE: 1745 TIME 10/7/98

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

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TSI = THERMAL SYSTEM INSULATION

TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300963

38

6

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02 Envirotech # 809003

LABORATORY: Envirotech Research, Inc.

SITE ADDRESS: Sickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/7/98

SAMPLER(S): Cheryl L. Coffee / L. WESTCOTT

H950

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
1630	GAS TANK	SSGT-3	7-7.5	SOIL	TCL VOC	ICE/HCCH	2	886 86

RELINQUISHED BY: Cheryl Coffee DATE: 10/7/98 TIME: 1745 RECEIVED BY: [illegible] DATE: 1745 TIME 10/7/98

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

TOTAL NO. CONTAINERS_____

ANALYTICAL PARAMETER IDENTIFICATION KEY:

PHC PETROLEUM HYDROCARBONS

VOC VOLATILE ORGANICS BY GC/MS WITH LIBRARY SEARCH

PAH POLYCYCLIC AROMATIC HYDROCARBONS IN BASE NEUTRAL SCAN WITH LIBRARY SEARCH

BN BASE NEUTRALS WITH LIBRARY SEARCH

AE ACID EXTRACTABLES WITH LIBRARY SEARCH

PPM PRIORITY POLLUTANT METALS

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THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300964

CHAIN-OF-CUSTODY

PROJECT NAME: Klockner & Klockner

PROJECT NO: 95-03-02

LABORATORY: Envirotech Project #809002

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/16/98

SAMPLER(S): Cheryl L. Coffee

I279

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED		PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
11:47	~~SS~~ fence Area SG33	SSFA-1	1.5-2'	soil	PHAL	90821	ICE MEOH	2	
11:50	fence Area SG33	SSFA-6A	1.5-2'	soil	PHAL	90822	ICE MEOH	2	
11:45	fence Area SG33	SSFA-1	10.5-11'	soil	PHAL	90823	ICE MEOH	2	
1:10	Fence area SG33B	SSFA-2	0.5-1'	soil	PHAL	90824	ICE MEOH	2	contingent
1:35	Fence area SG33A	SSFA-3	0.5-1'	soil	PHAL	90825	ICE MEOH	2	contingent
12:10	Fence Area SG32A	SSFA-4	0.5-1'	soil	PHAL	90826	ICE MEOH	2	contingent
10:00	Fence Area SG23A	SSFA-5	3-3.5	soil	PHAL	90827	ICE MEOH	2	contingent
2:55	pipe through wall	SSPP-1	6.5-7	soil	PHAL	90828	ICE MEOH	2	
11:00	floor drain hydropress	SSFD-2	3-4	soil	PHAL	90829	ICE MEOH	2	
1:45	Near drywell	SSDW-1	1.5-2	soil	PHAL	90830	ICE MEOH	2	
3:10	catch Basin	SSSD-1	5-5.5	soil	PHAL	90831	ICE MEOH	2	
2:35	Dumpster Pad	SSDA-1	1.5-2	soil	PHAL	90832	ICE MEOH	2	

RELINQUISHED BY: Cheryl L Coffee DATE: 10/16/98 TIME: 1755 RECEIVED BY: H L Scoggs DATE: 10/16/98 TIME 1755

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

ANALYTICAL PARAMETER IDENTIFICATION KEY:

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TOTAL NO. CONTAINERS_____

THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300965

CHAIN-OF-CUSTODY

PROJECT NAME: *Klockner & Klockner*

PROJECT NO: 95-03-02

LABORATORY: Envirotech Project #809002

SITE ADDRESS: Stickle Avenue & Elm Street, Rockaway Borough, NJ

SAMPLE DATE: 10/16/98

SAMPLER(S): Cheryl L. Coffee

SAMPLE TIME	SAMPLE LOCATION	SAMPLE ID#	SAMPLE DEPTH	SAMPLE MATRIX	ANALYSIS REQUESTED	PRESER-VATIVE	NO. OF CONT.	SPECIAL INSTRUCTIONS
—	~~FB-4~~ Trip Blank	TB-4	—	~~H_2O~~ MeOH	PHAL	ICE MEOH	1	90833
3:30	Field Blank	FB-3	·	H_2O	PHAL	ICE HCL	2	90834
1:45	Geologic Character	SSGC-4A	2-4'	soil	Grain Size & TOC	ice	2	90835
11:55	Geologic Character	SSGC-3A	4.5-5	soil	Grain Size & TOC	ice	2	90836
10:00	Geologic Character	SSGC-2A	3-4	soil	Grain Size & TOC	ice	2	90837

RELINQUISHED BY: Cheryl L Coffee DATE: 10/16/98 TIME: 1755 RECEIVED BY: [signature] DATE: 10/16/98 TIME 1755

RELINQUISHED BY: DATE: TIME: RECEIVED BY: DATE: TIME

TOTAL NO. CONTAINERS_____

ANALYTICAL PARAMETER IDENTIFICATION KEY:

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THE WHITMAN COMPANIES INC
44 WEST FERRIS STREET
EAST BRUNSWICK, NJ 08816

300966