cc: Doug Nadler
Dan Sitler

MALCOLM PIRNIE

MALCOLM PIRNIE, INC.
INDEPENDENT ENVIRONMENTAL ENGINEERS, SCIENTISTS & CONSULTANTS

October 5, 2000

Ms. Virginia A. Whelly
Amsterdam Waterfront Foundation
240 Florida Avenue
Amsterdam, NY 12010

Re: Site Investigation of the Nathan's Waste & Paper Stock Company, Inc. Site, Amsterdam, New York

Dear Ms. Whelly:

Malcolm Pirnie is pleased to provide you with the results of the Site Investigation completed at the former Nathan's Waste & Paper Stock Company, Inc. site. Malcolm Pirnie conducted this investigation on August 18, 2000. As presented in the scope of work, this investigation was conducted to determine if gross contamination exists at the site which may have adverse impact on the redevelopment.

PREVIOUS INVESTIGATIONS

Empire Soils Investigations, Inc. (Empire Soils) previously conducted Phase I and II investigations in June 1997. As part of the Phase II Environmental Site Assessment, a total of seven test pits were excavated to approximately 6 feet below the ground surface (bgs). The approximate test pit locations are shown on Figure 1. During the Site Investigation composite soil samples were collected from each of the test pits, and analyzed for RCRA metals. An additional soil sample was also collected from the bottom of TP-7, which was located near the reported location of a former gasoline underground storage tank (UST), and analyzed for volatile organic compounds. Sample results are summarized in Empire Soils Phase II Environmental Site Assessment Report included as Attachment A.

SITE INVESTIGATION

During Malcolm Pirnie's investigation a total of four soil borings were drilled to the water table using a Geoprobe direct push drilling rig. Soil boring locations were determined based on existing site conditions (stressed vegetation, debris areas) and previous investigations. The approximate soil boring locations are shown on Figure 2. Continuous soil samples were collected with a four-foot long Geoprobe MacroCore device. Soil cores were logged, and screened for volatile organic vapors using a photo-ionization detector (PID). No volatile organic compounds were detected with the PID therefore, soil samples were collected from each boring from the interval directly above the water table. Soil samples were analyzed by Hudson Laboratories for volatile organic, semi-volatile organic compounds, and PCB's.

Following collection of the soil samples one groundwater sample was collected from each soil boring location using dedicated polyethylene tubing with a stainless steal check valve. Groundwater samples collected were also analyzed for volatile organic, semi-volatile organic compounds, and PCBs. During the collection of the groundwater samples, water quality parameters (pH, specific conductivity, temperature, and turbidity) were recorded, the results of which are summarized in Table 1. Groundwater quality parameters were recorded to determine the impacts, if any, related to the historical storage and recycling of batteries.

A total of three surface soil samples were also collected and analyzed for lead, again to evaluate the potential impacts to the surface soils as a result of former battery recycling activities conducted at the site. Surface soil samples were collected in areas where stressed vegetation was observed and/or where parts of batteries were located on the ground surface. Approximate surface soil sampling locations are shown on Figure 2.

RESULTS

As shown in Table 1 volatile organic, semi-volatile organic, and total PCBs were not detected in groundwater samples. Hudson laboratories reporting forms are included as Attachment B. The results of the groundwater quality parameter measurements are also presented in Table 1. As can be seen from the results presented in Table 1 the pH of the groundwater ranges from 6.81 to 7.45, which is considered in the range of normal, as are the results of the temperature and conductivity. The results of the turbidity are elevated, however they are not considered a concern since the results are directly related to the method of collection of the groundwater samples. The results of the groundwater quality sampling indicate that the groundwater quality at the site have not been adversely impact by the former operation of battery recycling, i.e., spillage of acids contained in the batteries.

The soil sample collected from SB-2 contained 2-butanone at a concentration of 518 ug/kg, which exceeds the corresponding TAGM soil cleanup objective for 2-butanone of 300 ug/kg. The soil cleanup guidance value for 2-butanone was met in the soil sample collected from SB-4. Both of these soil borings were installed adjacent to the main office and production building located at the site. The concentrations detected and their location of collection may indicate that the subsurface soils adjacent to the building have been adversely impacted by a release during the previous manufacturing operations. No other volatile or semi-volatile compounds were detected in the samples collected from the soil borings.

As previously discussed the surface soil samples were only analyzed for lead. As can be seen from Table 1, the surface soil samples contained elevated concentrations of lead that ranged from 4,065 mg/kg (SS-1) to 8,400 mg/kg (SS-2). Each of the results reported are two orders of magnitude above TAGM soil cleanup guidance for lead in developed

suburban areas, which has a range of 200-500 mg/kg. These results indicate that the surface soils, in the areas sampled, have been adversely impacted by the past practices at the site.

CONCLUSIONS/RECOMMENDATIONS

Based on the data collected to date, it appears that the surface soils at the site have been significantly impacted by the past production/recycling practices. It also appears that the subsurface soils in the immediate vicinity of the main building have been impact by 2-butanone. No adverse impacts to the groundwater beneath the site were noted during this investigation.

Based on the results of this investigation, additional investigations appear to be warranted for the surface soils across the site, sampling of the subsurface soils should also be completed in the immediate vicinity of the main building to confirm the presence of the 2-butanone. However, prior to proceeding with any additional investigations at the site the New State Department of Environmental Conservation should be contacted and their input into the need for the additional investigations should be discussed.

Should you have any questions concerning this matter, please call me at (518) 786-7349.

Very truly yours,

MALCOLM PIRNIE, INC.

Christopher Gaule

Christopher Gaule
Senior Project Hydrogeologist

caw
Attachments
F:\PROJECT\4074001\DOC\REPORTS\WHELLY-1.DOC

Table 1
Summary of Detected Compounds in Soil Boring Samples/Surface Soil Samples
Nathan's Waste & Paper Stock Company, Inc.
Amsterdam, New York

Analyte	NYSDEC TAGM 4046 Soil Cleanup Objective ug/kg	SB-1 16-20 ft. 08/18/00	SB-2 12-16 ft. 08/18/00	SB-3 12-16 ft. 08/18/00	SB-4 16-20 ft. 08/18/00
Volatile Organic Compounds (ug/kg)					
2-Butanone	300	5 U	**518**	5 U	**300**
Semi-Volatile Compounds (ug/kg)					
Not Detected					
Total PCBs (mg/kg)					
Not Detected					

Analyte	NYSDEC TAGM 4046 Soil Cleanup Objective* mg/kg	SS-1 08/18/2000	SS-2 08/18/2000	SS-3 08/18/2000
Lead	200-500	**4,065**	**8,400**	**6,600**

Notes:

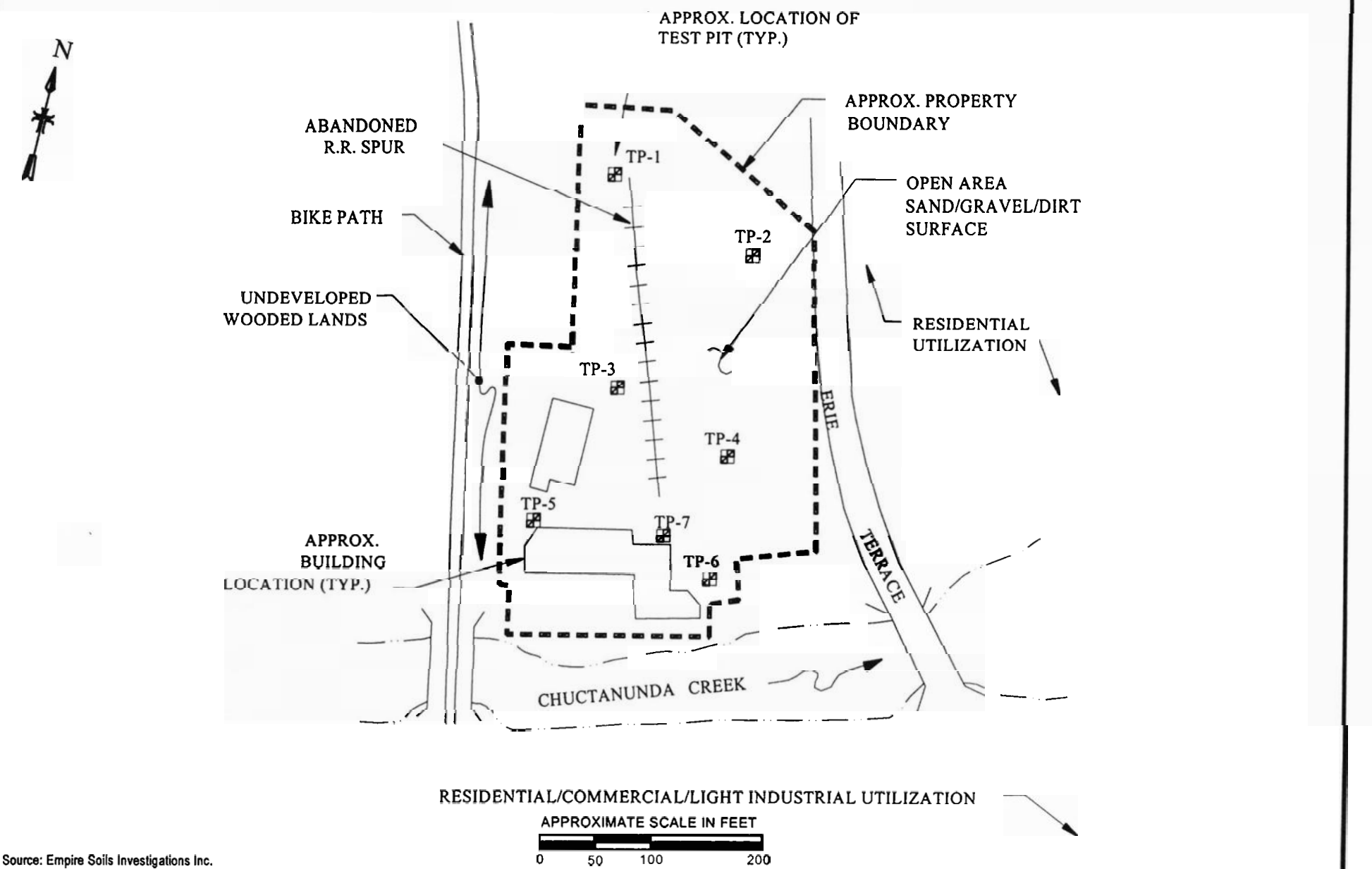
Bold Type - Concentration exceeds TAGM Cleanup Objective.

U - Not detected at listed quantitation limit.

* - Average background level in metropolitan or surban areas.

Table 1
Summary of Detected Compounds in Groundwater Samples
Nathan's Waste & Paper Stock Company, Inc.
Amsterdam, New York

Analyte	SB-1 8/18/00	SB-2 8/18/00	SB-3 8/18/00	SB-4 8/18/00
Volatile Organic Compounds (ug/l)				
Not Detected				
Semi-Volatile Organic Compounds (ug/l)				
Not Detected				
Total PCBs (mg/kg)				
Not Detected				
Water Quality Parameters				
pH	6.81	7.44	6.94	7.45
Conductivity (ms/sec.)	0.937	0.931	1.16	0.949
Temperature (°C)	10.8	11.8	12.4	15.9
Turbidity (NTU)	999	999	999	999



Source: Empire Soils Investigations Inc.

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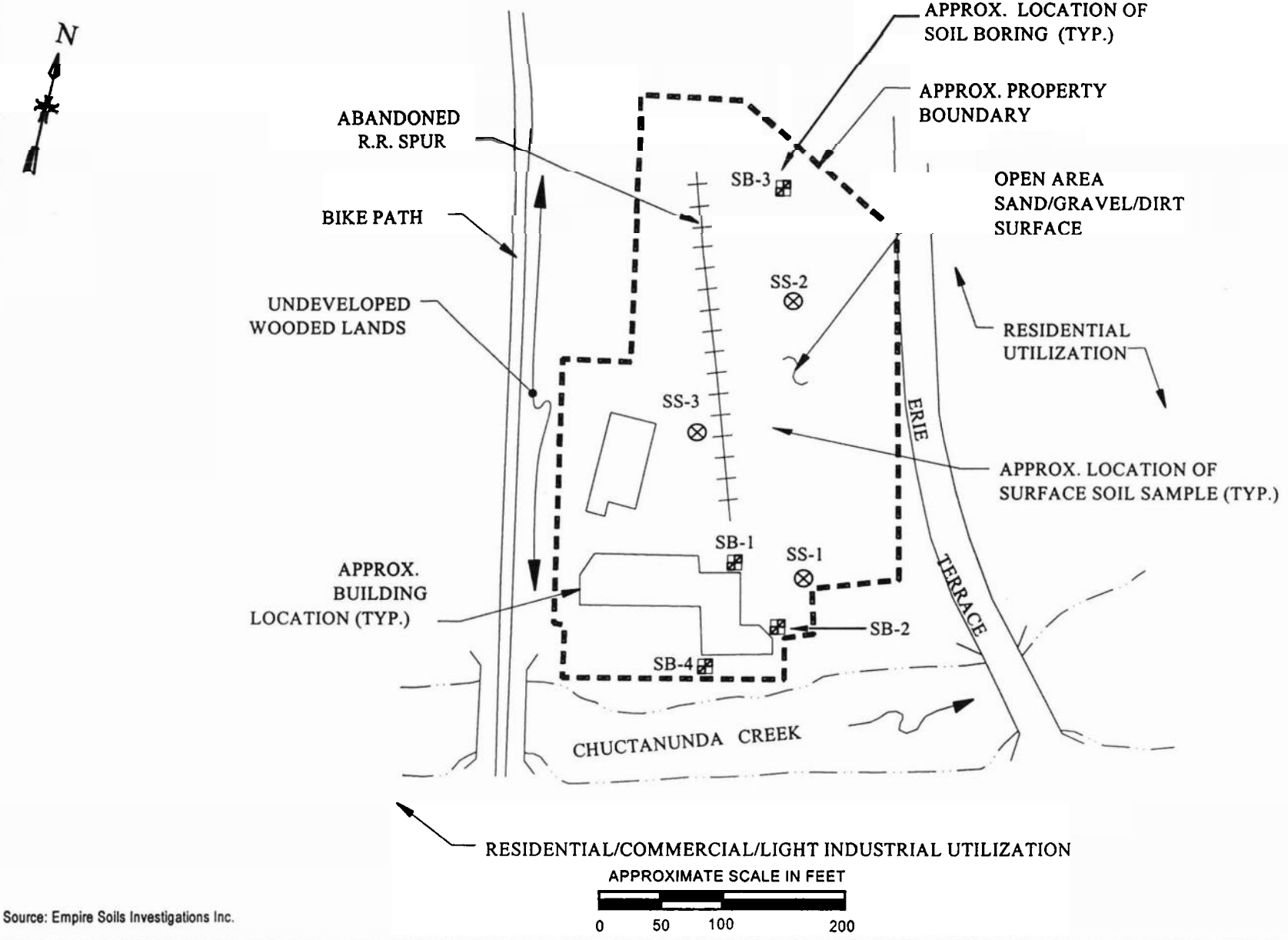
MALCOLM PIRNIE

Nathan's Waste & Paper Stock Company, Inc.
Amsterdam, New York

PREVIOUS SITE INVESTIGATION

FIGURE 1



Source: Empire Soils Investigations Inc.

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MALCOLM PIRNIE

Nathan's Waste & Paper Stock Company, Inc.
Amsterdam, New York

APPROXIMATE SAMPLING LOCATIONS

FIGURE 2

ATTACHMENT A

Empire Soils Phase II Environmental Site Assessment Report

ENVIRONMENTAL OBSERVATIONS AND CONCERNS

This appraiser is not an environmental expert nor expert in hazardous waste materials. This appraiser was provided with a copy of a Phase I Environmental Site Assessment that was conducted by Empire Soils Investigations, Inc. and dated June 7, 1993 and a Phase II Environmental Site Assessment also conducted by Empire Soils Investigations, Inc. that was dated July 19, 1993. Said copies, 23 and 16 pages respectively, were obtained from the Law Office of Attorney Paul Wollman, 41 Market Street Amsterdam, who reputedly is the attorney for Mr. Lessick, subject's present owner. Appraiser maintains these copies and shall only include 'summary' page of same within this appraisal report.

Phase I report indicated "...at least 15 55-gallon drums, piles of wood, wire, concrete and brick, and assorted scrap metal piles."; this appears in conformity to the observation of this appraiser who saw numerous 'piles' and a few actual old barrels (most empty). The report continues on page 6 to indicate "...Located adjacent to one of the 55-gallon drums is an approximate 2 foot by 2 foot area of discolored soil which has a petroleum odor." as reputedly observed on May 7th, 1993. Report page 8 mentions "One 500-gallon above ground tank is on-site. The tank contains #2 heating oil and is located adjacent to building #1..."; this appraiser suspect that this tank may have been located upon the two curved concrete 'bases' seen some 25' south of the north corner of subject's main brick building (behind boiler room addition). Phase I report conclusions, section #8 of page 12 copy attached as Appendix page A17, continues to discuss a old removed 1,000 gallon underground oil tank and the possibility of asbestos cntaining building materials within subject building. Report suggest that both these issues be further investigated if concern is warranted.

This apprasier reviewed the Phase II report and has included copies of six of the sixteen received pages - as Appendix pages A18-20 with copies on both sides. The back of page A20 is a map based upon subject's tax map and indicates the approximately locations, sizes and shapes of subject's two buildings (larger building #1[?] is believed to be situated on the bank of the creek and not significantly 'off' the boundary line. See photo in photo section.). It is reputed that seven (7) test pits from 3.5 to 6.0 feet in depth were made on June 17, 1993 at the approximate locations indicated by a checkered square and "TP-1-7" (test pit #1 etc.) Test pit #7 is located next to the sidewall of the main brick building and is the reputed site of the old underground oil tank. This report appears to summarize that the composite sample of pits 1,2 and 3 and pits 4, 5, and 6 tested within acceptable chemical limits. Testing for volitile organic comounds (gasoline and oil, etc.) proved negative for pits 1-6 but positive for pit 7 and attributed this contamination to "...the former tank and/or its associated piping:...".

This appraiser is not an expert in chemical and/or metal contamination but as a 'layman' found this report to be rather vague in the drawing of conclusions and the reporting of a 10-20 ppm of volatile organic compounds in TP-7 was made without apparent comparison to extremes. Therefore, without further specific scientific information, this reader can not draw his own conclusion as to the magnitude of found contamination. It is intresting to see no further discussion on the 2' x 2' stained soil area by an old barrel that evidenced a petroleum odor in the Phase I investigation. It is also apparent that a conclusion regarding the importance of the presence of asbestos was made, and that the need for testing was dismissed.

This appriaser, as a layman, is very surprised at the apparent 'cleanliness' of subject's site in view of personal first hand knowledge of subject's land use. From the early days of Nathan's Waste's operation at this site, this appraiser has personally witnessed the on-site presence of salvaged automobile engines that had and were leaking oil and fluids (including antifreeze) and

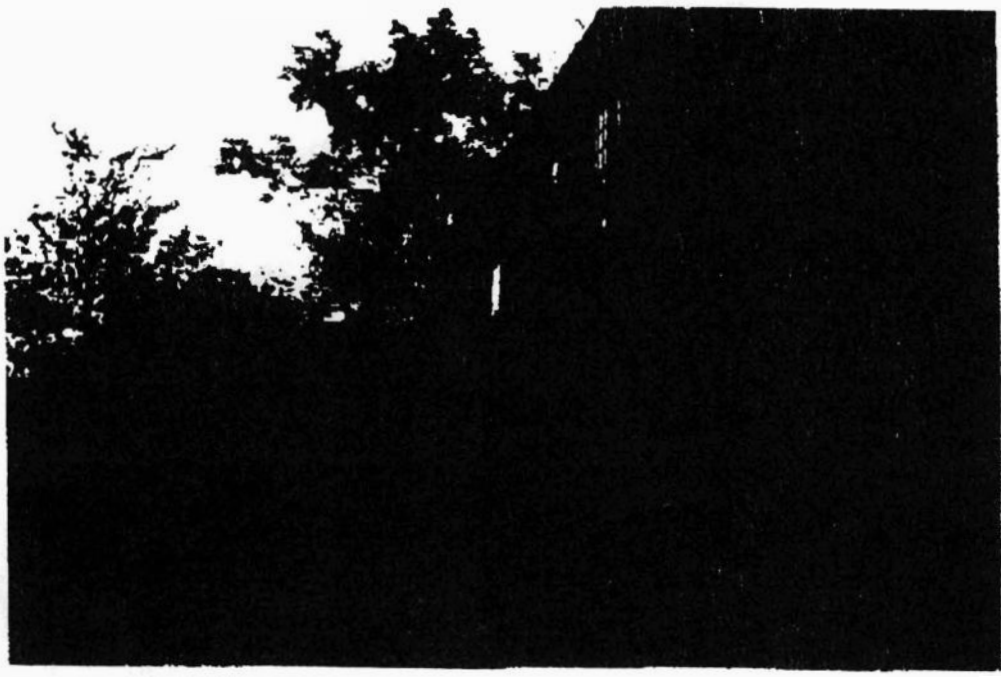
told by an older gentleman who used to sell automotive batteries to subject's establishment and was told that since batteries were purchased by 'weight', the customer was asked to empty the battery acid (by overturning on the ground) prior to weighing.

From on-site inspection, this appraiser did not find the presence of pigeon or see pigeon fecal material, in any significant quantity, that could possibly contaminate subject buildings with the fungus responsible for histoplasmosis disease in humans.

Client is urged to be aware, that demolition of any commercial building constructed prior to 1974, which subject has been, must be preceeded by an on-site inspection by a N.Y.S. Dept. of Labor certified inspector for the presence of asbestos.

DESCRIPTION OF SUBJECT IMPROVEMENTS

Subject improvements were personally inspected by this appraiser on July 11, 1999; being a mild Summer day without precipitation. This appraiser met by Mr. Hank Lessick, owner, who provided interior access to all parts of subject building(s). Subject's structural improvements are composed of a main two story brick industrial building that is approximately 36' wide by 107' long. To the rear of this main structure are various frame, brick and concrete block additions (some having a similar 'old' age). No corner stone date were observed, the office bathroom toilet was 'old' (c1930) but contained no date and a second common bathroom toilet was not readilly accessible for examination.



VIEW OF FRONT/NORTH WALL OF MAIN BRICK BLDG. WHERE BRICK ENDS ON 1ST LEVEL IS A 20' WIDE OPEN DRIVE-THRU ALLEY INDICATED BY "A" ON PAGE 25a

The front two story brick building is constructed on laid limestone foundation and is approximately 36' deep and 55-56' long (with 52' long frame addition on east). At the northmost corner is a frame shed roof with metal roof cover that is 16x28'. It is supported by old 'street lamp posts' and covers a Howe drive-on weigh scale that appears to this appraiser to be rated as a 20 ton capacity.

8.0 CONCLUSIONS

Although no evidence was discovered during this assessment that the soils and/or groundwater has been negatively environmentally impacted, the potential exists for environmental concerns related to day to day operations at the site which may have resulted in "incidental" spillage of materials. If this is of concern, we recommend a subsurface investigation of the site.

According to the site's property card viewed at the City of Amsterdam Assessors office, the prior lumber yard utilized a 1,000 gallon gasoline UST. Based on conversations with Mr. Lessick, the 1,000 gallon tank was removed from the ground several years ago. Empire Soils recommends a subsurface investigation of the tank pit area.

Suspect ACBMs observed within Building #1 include, but are not necessarily limited to, the floor, wall and ceiling building material located throughout the building. The condition of the suspect ACBMs ranged from damaged to undamaged. If the suspect ACBMs are to be disturbed, Empire Soils recommends a formal structural survey of the building to verify the presence of ACBMs and quantify their occurrence.

9.0 REFERENCES

Amsterdam, City of, 1993. Supplementary Lists and Supporting Materials.

Bugliosi, Edward F. and others, 1987. Potential Yields of Wells in Unconsolidated Aquifers in Upstate New York, Hudson Mohawk Sheet, Water Resources Investigations Report 87-4275.

Davis, L.B. and R.J. Landry, 1978. Soil Survey of Montgomery and Schenectady Counties New York, USDA.

Fisher, D.W., 1980. Bedrock Geology of the Central Mohawk Valley, New York, NYS Museum Map and Chart Series No. 33.

Fisher, D.W. and others, 1970. Geologic Map of New York, Hudson Mohawk Sheet, NYS Museum and Science Service, Map and Chart Series No. 15.

Montgomery County, 1993. Supplementary Lists and Supporting Materials.

NYSDEC, 1993. Supplementary Lists and Supporting Materials.

Exploratory Test Pit Investigation

Nathan's Waste & Paper Stock Company, Inc.
Erie Terrace
Amsterdam, New York

1.0 INTRODUCTION

Empire Soils Investigations, Inc. (Empire Soils) was authorized by Mr. Henry Lessick of Nathan's Waste and Paper Stock Co., Inc., Amsterdam, New York to perform a Phase II Environmental Site Assessment of Nathan's Waste and Paper Stock Company facility located in Amsterdam, New York.

As presented in Empire Soils proposal to Nathan's Waste and Paper Stock Company dated June 10, 1993, the following investigation was proposed.

- In order to evaluate subsurface conditions at the site, Empire Soils purposes advancing seven (7) test pits within the site, plus one test pit within the area of the former gasoline tank location, for a total of eight (8) test pits. One (1) sample from the test pit within the area of the former gasoline tank will be analyzed in the laboratory for quantitative documentation purposes. In addition, one composite soil sample will be taken from four (4) test pits within the northern section of the site. Moreover, one (1) composite soil sample will be taken from four (4) test pits located within the southern section of the site, for a total of two (2) composite soil samples. The soil sample from the former gasoline tank pit will be analyzed by EPA Method 8021 per the NYSDEC Petroleum Contaminated Soil Guidance Policy. The two (2) composite samples will be analyzed by the Toxicity Characteristic Leachate Procedure (TCLP) with the resulting extract to be analyzed for 8 RCRA metals; arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. Upon recovery, each soil sample will be screened (head space analysis) in the field with a photo-ionization detector (PID) for the presence of volatile organic compounds.

2.0 BACKGROUND

Based on the results of Empire Soils' Phase I Environmental Site Assessment dated June 7, 1993 of Nathan's facility, the site at one time contained at least one underground gasoline storage tank utilized by a prior tenant (lumber company). Empire Soils recommended a subsurface investigation of the former tank pit as well as test pit investigations throughout the site.

A18

3.0 METHOD OF INVESTIGATION

On June 17 1993, Empire Soils equipment and personnel were on site to perform the subsurface investigation. For this purpose, 7 test pits were excavated on-site from approximately 3.5 feet to 6 feet below existing grade. Test pit No. 1 (TP-1) was completed within the western half of the site, as was TP-2 and TP-3. Test pit No. 4, TP-5 and TP-6 were excavated in the eastern half of the site. Test pit No. 7 was completed at or near the reported location of a former gasoline underground storage tank (UST) pit. Please refer to Appendix A, Drawing No. 1 for the location of the test pits.

Each test pit was screened for the presence of volatile organic compounds with a H-Nu Systems Model PI 101 photoionization detector (PID). This instrument will detect if present, the relative aggregate concentration of many volatile organic compounds (VOC's) common to petroleum grade fuels in the parts per million (ppm) range. Moreover, a composite soil sample from TP-1 through TP-6 was collected for field ("head space") analysis. In addition, a composite soil sample from TP-1, TP-2 and TP-3 was collected for laboratory analysis, as was a composite soil sample from TP-4, TP-5 and TP-6. A grab soil sample from TP-7 was also collected for laboratory analysis.

At the time each sample was recovered, the on-site Environmental Scientist jarred the soil samples in precleaned laboratory grade containers for on-site "head space" analysis of the soil samples.

All samples obtained for laboratory analysis were shipped to Huntington Analytical Services (HAS). HAS is a wholly owned subsidiary of Empire Soils and is a NYSDEC and NYSDOH approved environmental laboratory.

4.0 FINDINGS OF INVESTIGATION

4.1 Subsurface Conditions

Surficial deposits on the property investigated, as revealed through the test pits completed for this study, consist of brown fine to medium sand and gravel with pebbles and cobbles, ash and fragments of brick and shale observed in all the test pits. In addition, TP-4 contained fragments of wood and scrap metal. Test pit No. 7 contain what is believed to be a former concrete foundation. Groundwater was not encountered in any of the test pits.

Each of the seven test pits was screened during the excavation, using a photoionization detector, for the presence of volatile organic compounds. Positive readings were not detected above the sensitivity range of the instrument, this being approximately 1 to 2 parts per million in all the test pits, excluding TP-7. Positive readings of 10 to 20 ppm were detected in TP-7 from approximately 2 to 4 feet below existing grade.

According to the PID, a "head space" reading of <1 ppm was recorded for each composite soil sample from TP-1 through TP-6.

All of the field screening PID readings are presented in the table below.

PID Screening Results (ppm)

Test Pit No. 1		Test Pit No. 2		Test Pit No. 3	
Depth	Result	Depth	Result	Depth	Result
General screening at 0.0' to 4.5'	<1	General screening 0.0' to 3.5'	<1	General screening at 0.0' to 4.5'	<1
Jarred Head Space	<1	Jarred Head Space	<1	Jarred Head Space	<1
Test Pit No. 4		**Test Pit No. 5**		**Test Pit No. 6**	
Depth	Result	Depth	Result	Depth	Result
General screening at 0.0' to 3.5'	<1	General screening at 0.0' to 3.5'	<1	General screening at 0.0' to 4.5"	<1
Jarred Head Space	<1	Jarred Head Space	<1	Jarred Head Space	
Test Pit No. 7		--		--	--
Depth	Result	--		--	--
General screening at 0.0 to 6.0'	10-20	--		--	--

A19

4.2 Analytical Results For Soil

Soil samples were collected on June 17, 1993 and analyzed by HAS on June 23, 1993. Presented below is a summary of the analytical results for each group of compounds included in the analyses. The full set of soil analytical results are presented in Appendix A.

Metals Analysis, 8 RCRA - TCLP

One composite soil sample from TP-1, TP-2 and TP-3 and one composite soil sample from TP-4, TP-5 and TP-6 was analyzed in the laboratory for eight RCRA metals; arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver.

Based on the laboratory result from the composite sample from TP-1, TP-2 and TP-3, none of the metals analyzed were detected in the soil sample, above the limits of their represented laboratory detection, these being 0.0002 mg/l to 0.1 mg/l with the exception of barium, cadmium, chromium and selenium.

Based on the laboratory result from the composite sample from TP-4, TP-5 and TP-6, none of the metals analyzed were detected in the soil sample, above the limits of their represented laboratory detection, these being 0.0002 mg/l to 0.1 mg/l with the exception of chromium.

EPA Method 8021, NYSDEC Spill Technology and Remediation Series (STARS) List

One grab soil samples from the bottom of TP-7, approximately 6 feet below existing grade was analyzed in the laboratory.

Based on the laboratory result none of the analytes included in this methodology were detected above the limits of laboratory detection, these being 0.50 ug/l to 1.0 ug/l.

5.0 ANALYTICAL SUMMARY

Each of the seven test pits was screened in the field with a photoionization detector for the presence of volatile organic compounds. Positive readings were not detected above the sensitivity range of the instrument, this being approximately 1 to 2 parts per million in all the test pits, excluding TP-7. A positive reading of 10 to 20 ppm was detected in TP-7.

Based upon the eight RCRA metals results for the soil samples obtained from TP-1 through TP-6, barium was detected at a level of 0.79 mg/l; cadmium at 0.007 mg/l, chromium at 0.019 mg/l and 0.04 mg/l and selenium at 0.26 mg/l. However, the metals detected did not exceed their respective EPA limits, this being 100 mg/l for barium, 1.0 mg/l for cadmium, 5.0 mg/l for chromium and 1.0 mg/l for selenium.

Based upon the DEC STARS List included in the analytical methodology described for TP-7, none of the analytes were detected in the soil sample above their respective limits of detection.

6.0 DISCUSSION

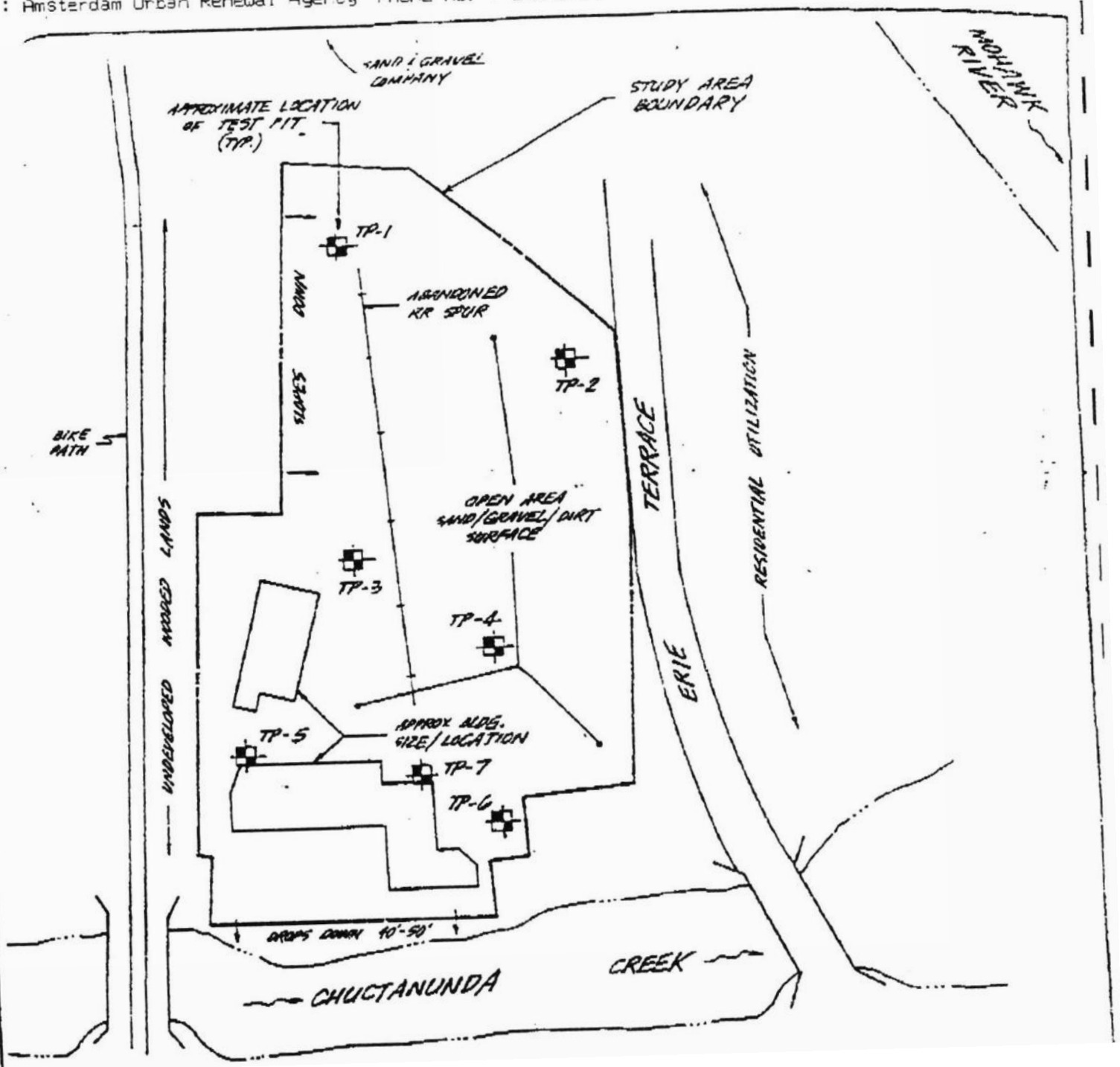
The positive field measurements obtained for the use of the PID suggest that there may be volatile organics present in the soils within the area of TP-7. As this portion of the site has been reported to have at one time contained an underground gasoline storage tank, it is reasonable to suspect that the former tank and/or its associated piping are in part or wholly responsible for this finding. However, based on the laboratory results of the soils obtained from the test pit, none of the analytes included in this methodology were detected above there limit of laboratory detection.

Based on the PID field screening results which tend to detect the presence of volatile organic compounds (even though such was not confirmed through the laboratory analytical procedure) this incident make constitute a release reportable to the NYSDEC under the spill guidelines of that agency.

This investigation was limited in design and completed to determine if the site has been impacted from an environmental standpoint. As such, the findings brought forth through the investigation should be viewed as overall and may or may not represent a worst case scenario.

7.0 CLOSURE

This report presents the findings and conclusions of a Phase II Environmental Site Assessment performed at Nathan's Waste and Paper Stock Company. The information presented herein is based upon investigations completed to date by Empire Soils, including test pits and the analytical laboratory results of soil samples from the test pits. The opinion of the environmental conditions existing within the project site represents the conditions believed to exist at the time of our investigation. No other warranties, expressed or implied are made.



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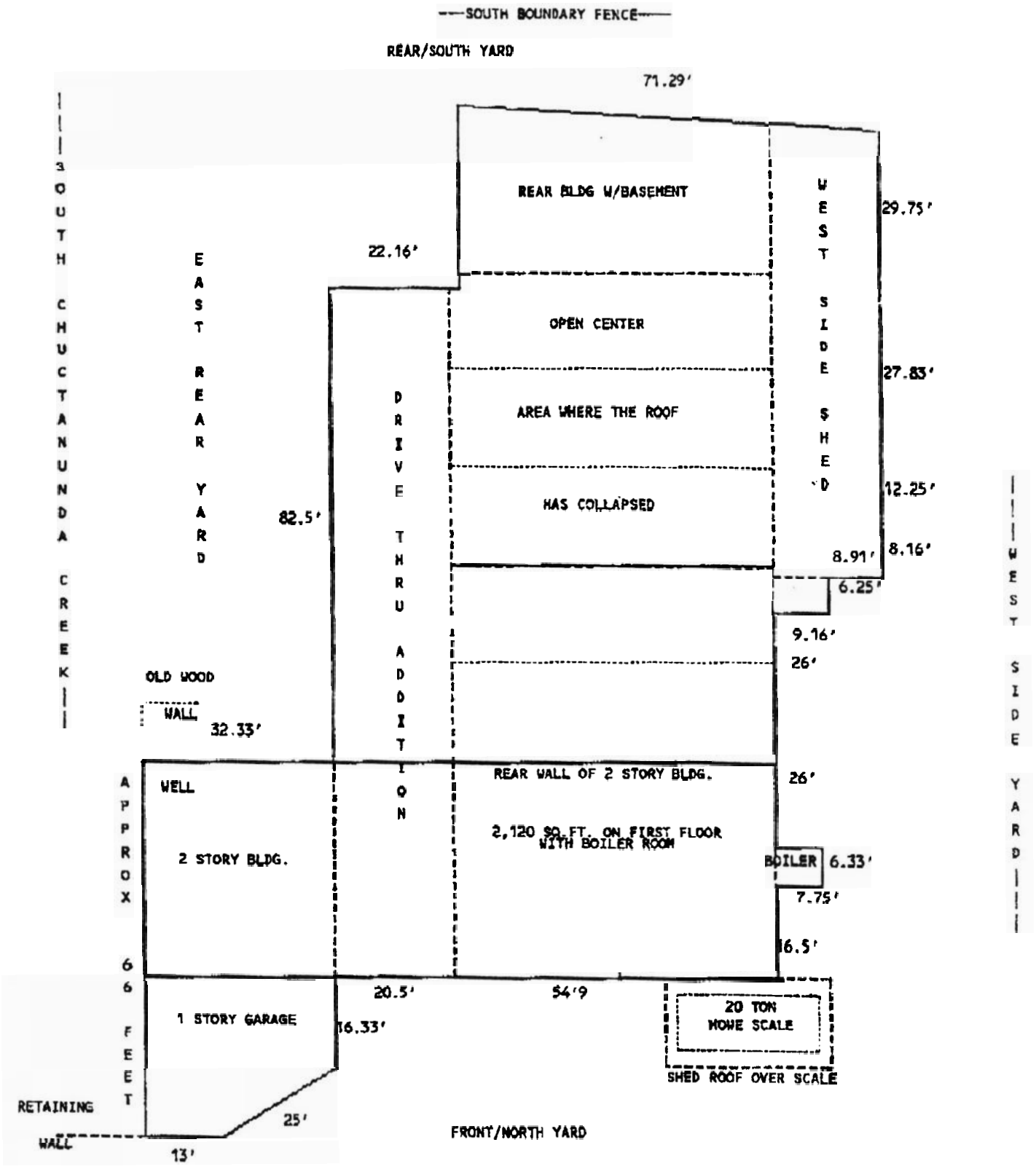
EMPIRE SOILS INVESTIGATIONS INC.

SITE PLAN

PHASE II ENVIRONMENTAL SITE ASSESSMENT
NATHAN'S WASTE & PAPER STOCK CO. INC.
ERIE TERRACE, AMSTERDAM, NEW YORK

DR BY JH	SCALE 1" = 100'	PROJ NO ATA-93-135	
CK'D BY	DATE 7/93	DRWG NO 2	

BASE MAP: MONTGOMERY COUNTY REAL PROPERTY TAX SERVICE AGENCY



TOTAL FIRST FLOOR AREA OF
14,215 SQUARE FEET

ATTACHMENT B

Hudson Laboratories Reporting Forms

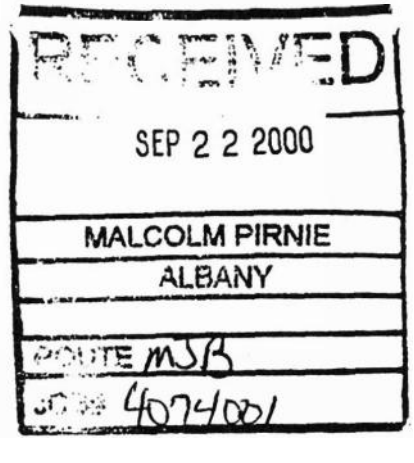
HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

FINAL REPORT
ANALYTICAL TEST RESULTS
N.Y.S.D.O.H. LAB ID#11140

CLIENT: Malcolm Pirnie
SAMPLE DESCRIPTION: SB-2 (12-16')
MATRIX: Soil
LOCATION: Not Specified
H.E.S. #: 000822B01

DATE SAMPLED: 08/18/00
DATE SAMPLE RECD: 08/22/00
TIME SAMPLED: 10:00 am
TYPE SAMPLE: Composite & Grab
SAMPLER:M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Chloromethane	SW846-8260B	<10	ug/kg	08/30/00
Vinyl Chloride	SW846-8260B	<10	ug/kg	08/30/00
Bromomethane	SW846-8260B	<10	ug/kg	08/30/00
Chloroethane	SW846-8260B	<10	ug/kg	08/30/00
1,1-Dichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
Acetone	SW846-8260B	<10	ug/kg	08/30/00
Carbon Disulfide	SW846-8260B	<5.0	ug/kg	08/30/00
Methylene Chloride	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloroethene trans	SW846-8260B	<5.0	ug/kg	08/30/00
cis-1,2-Dichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
1,1-Dichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
2-Butanone	SW846-8260B	518	ug/kg	08/30/00
Chloroform	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,1-Trichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Carbon Tetrachloride	SW846-8260B	<5.0	ug/kg	08/30/00
Benzene	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Trichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloropropane	SW846-8260B	<5.0	ug/kg	08/30/00



HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-2 (12-16')

H.E.S. #: 000822B01 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Bromodichloromethane	SW846-8260B	<5.0	ug/kg	08/30/00
cis-1,3-Dichloropropene	SW846-8260B	<5.0	ug/kg	08/30/00
4-Methyl-2-Pentanone	SW846-8260B	<10	ug/kg	08/30/00
2-Hexanone	SW846-8260B	<10	ug/kg	08/30/00
Toluene	SW846-8260B	<5.0	ug/kg	08/30/00
trans-1,3-Dichloropropene	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,2-Trichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Tetrachloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
Dibromochloromethane	SW846-8260B	<5.0	ug/kg	08/30/00
Chlorobenzene	SW846-8260B	<5.0	ug/kg	08/30/00
Ethylbenzene	SW846-8260B	<5.0	ug/kg	08/30/00
m-Xylene/p-Xylene	SW846-8260B	<5.0	ug/kg	08/30/00
o-Xylene	SW846-8260B	<5.0	ug/kg	08/30/00
Styrene	SW846-8260B	<5.0	ug/kg	08/30/00
Bromoform	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,2,2-Tetrachloroethane	SW846-8260B	<5.0	ug/kg	08/30/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-2 (12-16')

H.E.S. #: 000822B01 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Phenol	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Chloroethyl)ether	SW846-8270C	<330	ug/kg	09/15/00
2-Chlorophenol	SW846-8270C	<330	ug/kg	09/15/00
1,3-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
1,4-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
1,2-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
4-Methylphenol	SW846-8270C	<330	ug/kg	09/15/00
2-Methylphenol/3-Methylphenol	SW846-8270C	<660	ug/kg	09/15/00
bis(2-chloroisopropyl)ether	SW846-8270C	<330	ug/kg	09/15/00
n-Nitroso-di-n-propylamine	SW846-8270C	<330	ug/kg	09/15/00
Hexachloroethane	SW846-8270C	<330	ug/kg	09/15/00
Nitrobenzene	SW846-8270C	<330	ug/kg	09/15/00
Isophorone	SW846-8270C	<330	ug/kg	09/15/00
2-Nitrophenol	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Chloroethoxy)methane	SW846-8270C	<330	ug/kg	09/15/00
2,4-Dichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
1,2,4-Trichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
Naphthalene	SW846-8270C	<330	ug/kg	09/15/00
4-Chloroaniline	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorobutadiene	SW846-8270C	<660	ug/kg	09/15/00
4-Chloro-3-methylphenol	SW846-8270C	<660	ug/kg	09/15/00
2,4,5-Trichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
2,4,6-Trichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorocyclopentadiene	SW846-8270C	<330	ug/kg	09/15/00
2-Chloronaphthalene	SW846-8270C	<330	ug/kg	09/15/00
2-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
3-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
Pyridine	SW846-8270C	<330	ug/kg	09/15/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-2 (12-16')

H.E.S. #: 000822B01 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dimethylphthalate	SW846-8270C	<330		09/15/00
Acenaphthylene	SW846-8270C	<330	ug/kg	09/15/00
2,6-Dinitrotoluene	SW846-8270C	<330	ug/kg	09/15/00
Acenaphthene	SW846-8270C	<330	ug/kg	09/15/00
2,4-Dinitrophenol	SW846-8270C	<330	ug/kg	09/15/00
Dibenzofuran	SW846-8270C	<330	ug/kg	09/15/00
4-Nitrophenol	SW846-8270C	<1,650	ug/kg	09/15/00
2,4-Dinitrotoluene	SW846-8270C	<330	ug/kg	09/15/00
Fluorene	SW846-8270C	<330	ug/kg	09/15/00
Diethylphthalate	SW846-8270C	<330	ug/kg	09/15/00
4-Chlorophenyl-phenylether	SW846-8270C	<330	ug/kg	09/15/00
4,6-Dinitro-2-methylphenol	SW846-8270C	<330	ug/kg	09/15/00
4-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
n-Nitrosodiphenylamine	SW846-8270C	<330	ug/kg	09/15/00
4-Bromophenyl-phenylether	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
Pentachlorophenol	SW846-8270C	<1,650	ug/kg	09/15/00
Phenanthrene	SW846-8270C	<330	ug/kg	09/15/00
Anthracene	SW846-8270C	<330	ug/kg	09/15/00
Di-n-butylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Pyrene	SW846-8270C	<330	ug/kg	09/15/00
Butylbenzylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Benzo(a)anthracene	SW846-8270C	<330	ug/kg	09/15/00
Chyrsene	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Ethylhexyl)phthalate	SW846-8270C	<330	ug/kg	09/15/00
Di-n-octylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Benzo(b)fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(k)fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(a)pyrene	SW846-8270C	<330	ug/kg	09/15/00
Indeno(1,2,3-cd)pyrene	SW846-8270C	<330	ug/kg	09/15/00
Dibenzo(a,h)anthracene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(g,h,i)perylene	SW846-8270C	<330	ug/kg	09/15/00
Non-Target Peaks		Negative		
Total PCB's	SW846-8082A	<0.2	mg/kg	09/11/00

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CLIENT: Malcolm Pirnie
SAMPLE DESCRIPTION: SB-2
MATRIX: Water
LOCATION: Not Specified
H.E.S. #: 000822B02

DATE SAMPLED: 08/18/00
DATE SAMPLE RECD: 08/22/00
TIME SAMPLED: 10:02 am
TYPE SAMPLE: Grab
SAMPLER: M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Chloromethane	SW846-8260B	<10	ug/l	08/30/00
Vinyl Chloride	SW846-8260B	<10	ug/l	08/30/00
Bromomethane	SW846-8260B	<10	ug/l	08/30/00
Chloroethane	SW846-8260B	<10	ug/l	08/30/00
1,1-Dichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
Acetone	SW846-8260B	<10	ug/l	08/30/00
Carbon Disulfide	SW846-8260B	<5.0	ug/l	08/30/00
Methylene Chloride	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloroethene trans	SW846-8260B	<5.0	ug/l	08/30/00
cis-1,2-Dichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
1,1-Dichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
2-Butanone	SW846-8260B	<5.0	ug/l	08/30/00
Chloroform	SW846-8260B	<5.0	ug/l	08/30/00
1,1,1-Trichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Carbon Tetrachloride	SW846-8260B	<5.0	ug/l	08/30/00
Benzene	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Trichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloropropane	SW846-8260B	<5.0	ug/l	08/30/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-2

H.E.S. #: 000822B02(Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Bromodichloromethane	SW846-8260B	<5.0	ug/l	08/30/00
cis-1,3-Dichloropropene	SW846-8260B	<5.0	ug/l	08/30/00
4-Methyl-2-Pentanone	SW846-8260B	<10	ug/l	08/30/00
2-Hexanone	SW846-8260B	<10	ug/l	08/30/00
Toluene	SW846-8260B	<5.0	ug/l	08/30/00
trans-1,3-Dichloropropene	SW846-8260B	<5.0	ug/l	08/30/00
1,1,2-Trichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Tetrachloroethene	SW846-8260B	<5.0	ug/l	08/30/00
Dibromochloromethane	SW846-8260B	<5.0	ug/l	08/30/00
Chlorobenzene	SW846-8260B	<5.0	ug/l	08/30/00
Ethylbenzene	SW846-8260B	<5.0	ug/l	08/30/00
m-Xylene/p-Xylene	SW846-8260B	<5.0	ug/l	08/30/00
o-Xylene	SW846-8260B	<5.0	ug/l	08/30/00
Styrene	SW846-8260B	<5.0	ug/l	08/30/00
Bromoform	SW846-8260B	<5.0	ug/l	08/30/00
1,1,2,2-Tetrachloroethane	SW846-8260B	<5.0	ug/l	08/30/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-2

H.E.S. #: 000822B02(Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Phenol	SW846-8270C	<10	ug/l	09/15/00
bis(2-Chloroethyl)ether	SW846-8270C	<10	ug/l	09/15/00
2-Chlorophenol	SW846-8270C	<10	ug/l	09/15/00
1,3-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
1,4-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
1,2-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
4-Methylphenol	SW846-8270C	<10	ug/l	09/15/00
2-Methylphenol/3-Methylphenol	SW846-8270C	<20	ug/l	09/15/00
bis(2-chloroisopropyl)ether	SW846-8270C	<10	ug/l	09/15/00
n-Nitroso-di-n-propylamine	SW846-8270C	<10	ug/l	09/15/00
Hexachloroethane	SW846-8270C	<10	ug/l	09/15/00
Nitrobenzene	SW846-8270C	<10	ug/l	09/15/00
Isophorone	SW846-8270C	<10	ug/l	09/15/00
2-Nitrophenol	SW846-8270C	<10	ug/l	09/15/00
bis(2-Chloroethoxy)methane	SW846-8270C	<10	ug/l	09/15/00
2,4-Dichlorophenol	SW846-8270C	<10	ug/l	09/15/00
1,2,4-Trichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
Naphthalene	SW846-8270C	<10	ug/l	09/15/00
4-Chloroaniline	SW846-8270C	<10	ug/l	09/15/00
Hexachlorobutadiene	SW846-8270C	<20	ug/l	09/15/00
4-Chloro-3-methylphenol	SW846-8270C	<20	ug/l	09/15/00
2,4,5-Trichlorophenol	SW846-8270C	<10	ug/l	09/15/00
2,4,6-Trichlorophenol	SW846-8270C	<10	ug/l	09/15/00
Hexachlorocyclopentadiene	SW846-8270C	<10	ug/l	09/15/00
2-Chloronaphthalene	SW846-8270C	<10	ug/l	09/15/00
2-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
3-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
Pyridine	SW846-8270C	<10	ug/l	09/15/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-2

H.E.S. #: 000822B02(Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dimethylphthalate	SW846-8270C	<10	ug/l	09/15/00
Acenaphthylene	SW846-8270C	<10	ug/l	09/15/00
2,6-Dinitrotoluene	SW846-8270C	<10	ug/l	09/15/00
Acenaphthene	SW846-8270C	<10	ug/l	09/15/00
2,4-Dinitrophenol	SW846-8270C	<10	ug/l	09/15/00
Dibenzofuran	SW846-8270C	<10	ug/l	09/15/00
4-Nitrophenol	SW846-8270C	<50	ug/l	09/15/00
2,4-Dinitrotoluene	SW846-8270C	<10	ug/l	09/15/00
Fluorene	SW846-8270C	<10	ug/l	09/15/00
Diethylphthalate	SW846-8270C	<10	ug/l	09/15/00
4-Chlorophenyl-phenylether	SW846-8270C	<10	ug/l	09/15/00
4,6-Dinitro-2-methylphenol	SW846-8270C	<10	ug/l	09/15/00
4-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
n-Nitrosodiphenylamine	SW846-8270C	<10	ug/l	09/15/00
4-Bromophenyl-phenylether	SW846-8270C	<10	ug/l	09/15/00
Hexachlorobenzene	SW846-8270C	<10	ug/l	09/15/00
Pentachlorophenol	SW846-8270C	<50	ug/l	09/15/00
Phenanthrene	SW846-8270C	<10	ug/l	09/15/00
Anthracene	SW846-8270C	<10	ug/l	09/15/00
Di-n-butylphthalate	SW846-8270C	<10	ug/l	09/15/00
Fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Pyrene	SW846-8270C	<10	ug/l	09/15/00
Butylbenzylphthalate	SW846-8270C	<10	ug/l	09/15/00
Benzo(a)anthracene	SW846-8270C	<10	ug/l	09/15/00
Chyrsene	SW846-8270C	<10	ug/l	09/15/00
bis(2-Ethylhexyl)phthalate	SW846-8270C	<10	ug/l	09/15/00
Di-n-octylphthalate	SW846-8270C	<10	ug/l	09/15/00
Benzo(b)fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Benzo(k)fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Benzo(a)pyrene	SW846-8270C	<10	ug/l	09/15/00
Indeno(1,2,3-cd)pyrene	SW846-8270C	<10	ug/l	09/15/00
Dibenzo(a,h)anthracene	SW846-8270C	<10	ug/l	09/15/00
Benzo(g,h,i)perylene	SW846-8270C	<10	ug/l	09/15/00
Non-Target Peaks		Negative		
Total PCBs	SW846-8082A	<1.0	ug/l	09/11/00

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Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-1 (16-20')

MATRIX: Soil

LOCATION: Not Specified

H.E.S. #: 000822B03

DATE SAMPLED: 08/18/00

DATE SAMPLE RECD: 08/22/00

TIME SAMPLED: 8:53 am

TYPE SAMPLE: Not Specified

SAMPLER:M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Chloromethane	SW846-8260B	<10	ug/kg	08/30/00
Vinyl Chloride	SW846-8260B	<10	ug/kg	08/30/00
Bromomethane	SW846-8260B	<10	ug/kg	08/30/00
Chloroethane	SW846-8260B	<10	ug/kg	08/30/00
1,1-Dichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
Acetone	SW846-8260B	<10	ug/kg	08/30/00
Carbon Disulfide	SW846-8260B	<5.0	ug/kg	08/30/00
Methylene Chloride	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloroethene trans	SW846-8260B	<5.0	ug/kg	08/30/00
cis-1,2-Dichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
1,1-Dichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
2-Butanone	SW846-8260B	<5.0	ug/kg	08/30/00
Chloroform	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,1-Trichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Carbon Tetrachloride	SW846-8260B	<5.0	ug/kg	08/30/00
Benzene	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Trichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloropropane	SW846-8260B	<5.0	ug/kg	08/30/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-1 (16-20')

H.E.S. #: 000822B03 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Bromodichloromethane	SW846-8260B	<5.0	ug/kg	08/30/00
cis-1,3-Dichloropropene	SW846-8260B	<5.0	ug/kg	08/30/00
4-Methyl-2-Pentanone	SW846-8260B	<10	ug/kg	08/30/00
2-Hexanone	SW846-8260B	<10	ug/kg	08/30/00
Toluene	SW846-8260B	<5.0	ug/kg	08/30/00
trans-1,3-Dichloropropene	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,2-Trichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Tetrachloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
Dibromochloromethane	SW846-8260B	<5.0	ug/kg	08/30/00
Chlorobenzene	SW846-8260B	<5.0	ug/kg	08/30/00
Ethylbenzene	SW846-8260B	<5.0	ug/kg	08/30/00
m-Xylene/p-Xylene	SW846-8260B	<5.0	ug/kg	08/30/00
o-Xylene	SW846-8260B	<5.0	ug/kg	08/30/00
Styrene	SW846-8260B	<5.0	ug/kg	08/30/00
Bromoform	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,2,2-Tetrachloroethane	SW846-8260B	<5.0	ug/kg	08/30/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-1 (16-20')

H.E.S. #: 000822B03 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Phenol	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Chloroethyl)ether	SW846-8270C	<330	ug/kg	09/15/00
2-Chlorophenol	SW846-8270C	<330	ug/kg	09/15/00
1,3-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
1,4-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
1,2-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
4-Methylphenol	SW846-8270C	<330	ug/kg	09/15/00
2-Methylphenol/3-Methylphenol	SW846-8270C	<660	ug/kg	09/15/00
bis(2-chloroisopropyl)ether	SW846-8270C	<330	ug/kg	09/15/00
n-Nitroso-di-n-propylamine	SW846-8270C	<330	ug/kg	09/15/00
Hexachloroethane	SW846-8270C	<330	ug/kg	09/15/00
Nitrobenzene	SW846-8270C	<330	ug/kg	09/15/00
Isophorone	SW846-8270C	<330	ug/kg	09/15/00
2-Nitrophenol	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Chloroethoxy)methane	SW846-8270C	<330	ug/kg	09/15/00
2,4-Dichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
1,2,4-Trichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
Naphthalene	SW846-8270C	<330	ug/kg	09/15/00
4-Chloroaniline	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorobutadiene	SW846-8270C	<660	ug/kg	09/15/00
4-Chloro-3-methylphenol	SW846-8270C	<660	ug/kg	09/15/00
2,4,5-Trichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
2,4,6-Trichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorocyclopentadiene	SW846-8270C	<330	ug/kg	09/15/00
2-Chloronaphthalene	SW846-8270C	<330	ug/kg	09/15/00
2-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
3-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
Pyridine	SW846-8270C	<330	ug/kg	09/15/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-1 (16-20')

H.E.S. #: 000822B03 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dimethylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Acenaphthylene	SW846-8270C	<330	ug/kg	09/15/00
2,6-Dinitrotoluene	SW846-8270C	<330	ug/kg	09/15/00
Acenaphthene	SW846-8270C	<330	ug/kg	09/15/00
2,4-Dinitrophenol	SW846-8270C	<330	ug/kg	09/15/00
Dibenzofuran	SW846-8270C	<330	ug/kg	09/15/00
4-Nitrophenol	SW846-8270C	<1,650	ug/kg	09/15/00
2,4-Dinitrotoluene	SW846-8270C	<330	ug/kg	09/15/00
Fluorene	SW846-8270C	<330	ug/kg	09/15/00
Diethylphthalate	SW846-8270C	<330	ug/kg	09/15/00
4-Chlorophenyl-phenylether	SW846-8270C	<330	ug/kg	09/15/00
4,6-Dinitro-2-methylphenol	SW846-8270C	<330	ug/kg	09/15/00
4-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
n-Nitrosodiphenylamine	SW846-8270C	<330	ug/kg	09/15/00
4-Bromophenyl-phenylether	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
Pentachlorophenol	SW846-8270C	<1,650	ug/kg	09/15/00
Phenanthrene	SW846-8270C	<330	ug/kg	09/15/00
Anthracene	SW846-8270C	<330	ug/kg	09/15/00
Di-n-butylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Pyrene	SW846-8270C	<330	ug/kg	09/15/00
Butylbenzylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Benzo(a)anthracene	SW846-8270C	<330	ug/kg	09/15/00
Chyrsene	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Ethylhexyl)phthalate	SW846-8270C	<330	ug/kg	09/15/00
Di-n-octylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Benzo(b)fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(k)fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(a)pyrene	SW846-8270C	<330	ug/kg	09/15/00
Indeno(1,2,3-cd)pyrene	SW846-8270C	<330	ug/kg	09/15/00
Dibenzo(a,h)anthracene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(g,h,i)perylene	SW846-8270C	<330	ug/kg	09/15/00
Non-Target Peaks		Negative		
Total PCB's	SW846-8082A	<0.2	mg/kg	09/11/00

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CLIENT: Malcolm Pirnie
SAMPLE DESCRIPTION: SB-1
MATRIX: Water
LOCATION: Not Specified
H.E.S. #: 000822B04

DATE SAMPLED: 08/18/00
DATE SAMPLE RECD: 08/22/00
TIME SAMPLED: 9:00 am
TYPE SAMPLE: Grab
SAMPLER:M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Chloromethane	SW846-8260B	<10	ug/l	08/30/00
Vinyl Chloride	SW846-8260B	<10	ug/l	08/30/00
Bromomethane	SW846-8260B	<10	ug/l	08/30/00
Chloroethane	SW846-8260B	<10	ug/l	08/30/00
1,1-Dichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
Acetone	SW846-8260B	<10	ug/l	08/30/00
Carbon Disulfide	SW846-8260B	<5.0	ug/l	08/30/00
Methylene Chloride	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloroethene trans	SW846-8260B	<5.0	ug/l	08/30/00
cis-1,2-Dichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
1,1-Dichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
2-Butanone	SW846-8260B	<5.0	ug/l	08/30/00
Chloroform	SW846-8260B	<5.0	ug/l	08/30/00
1,1,1-Trichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Carbon Tetrachloride	SW846-8260B	<5.0	ug/l	08/30/00
Benzene	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Trichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloropropane	SW846-8260B	<5.0	ug/l	08/30/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-1

H.E.S. #: 000822B04 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Bromodichloromethane	SW846-8260B	<5.0	ug/l	08/30/00
cis-1,3-Dichloropropene	SW846-8260B	<5.0	ug/l	08/30/00
4-Methyl-2-Pentanone	SW846-8260B	<10	ug/l	08/30/00
2-Hexanone	SW846-8260B	<10	ug/l	08/30/00
Toluene	SW846-8260B	<5.0	ug/l	08/30/00
trans-1,3-Dichloropropene	SW846-8260B	<5.0	ug/l	08/30/00
1,1,2-Trichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Tetrachloroethene	SW846-8260B	<5.0	ug/l	08/30/00
Dibromochloromethane	SW846-8260B	<5.0	ug/l	08/30/00
Chlorobenzene	SW846-8260B	<5.0	ug/l	08/30/00
Ethylbenzene	SW846-8260B	<5.0	ug/l	08/30/00
m-Xylene/p-Xylene	SW846-8260B	<5.0	ug/l	08/30/00
o-Xylene	SW846-8260B	<5.0	ug/l	08/30/00
Styrene	SW846-8260B	<5.0	ug/l	08/30/00
Bromoform	SW846-8260B	<5.0	ug/l	08/30/00
1,1,2,2-Tetrachloroethane	SW846-8260B	<5.0	ug/l	08/30/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-2

H.E.S. #: 000822B04(Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Phenol	SW846-8270C	<10	ug/l	09/15/00
bis(2-Chloroethyl)ether	SW846-8270C	<10	ug/l	09/15/00
2-Chlorophenol	SW846-8270C	<10	ug/l	09/15/00
1,3-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
1,4-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
1,2-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
4-Methylphenol	SW846-8270C	<10	ug/l	09/15/00
2-Methylphenol/3-Methylphenol	SW846-8270C	<20	ug/l	09/15/00
bis(2-chloroisopropyl)ether	SW846-8270C	<10	ug/l	09/15/00
n-Nitroso-di-n-propylamine	SW846-8270C	<10	ug/l	09/15/00
Hexachloroethane	SW846-8270C	<10	ug/l	09/15/00
Nitrobenzene	SW846-8270C	<10	ug/l	09/15/00
Isophorone	SW846-8270C	<10	ug/l	09/15/00
2-Nitrophenol	SW846-8270C	<10	ug/l	09/15/00
bis(2-Chloroethoxy)methane	SW846-8270C	<10	ug/l	09/15/00
2,4-Dichlorophenol	SW846-8270C	<10	ug/l	09/15/00
1,2,4-Trichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
Naphthalene	SW846-8270C	<10	ug/l	09/15/00
4-Chloroaniline	SW846-8270C	<10	ug/l	09/15/00
Hexachlorobutadiene	SW846-8270C	<20	ug/l	09/15/00
4-Chloro-3-methylphenol	SW846-8270C	<20	ug/l	09/15/00
2,4,5-Trichlorophenol	SW846-8270C	<10	ug/l	09/15/00
2,4,6-Trichlorophenol	SW846-8270C	<10	ug/l	09/15/00
Hexachlorocyclopentadiene	SW846-8270C	<10	ug/l	09/15/00
2-Chloronaphthalene	SW846-8270C	<10	ug/l	09/15/00
2-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
3-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
Pyridine	SW846-8270C	<10	ug/l	09/15/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-1

H.E.S. #: 000822B04 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dimethylphthalate	SW846-8270C	<10	ug/l	09/15/00
Acenaphthylene	SW846-8270C	<10	ug/l	09/15/00
2,6-Dinitrotoluene	SW846-8270C	<10	ug/l	09/15/00
Acenaphthene	SW846-8270C	<10	ug/l	09/15/00
2,4-Dinitrophenol	SW846-8270C	<10	ug/l	09/15/00
Dibenzofuran	SW846-8270C	<10	ug/l	09/15/00
4-Nitrophenol	SW846-8270C	<50	ug/l	09/15/00
2,4-Dinitrotoluene	SW846-8270C	<10	ug/l	09/15/00
Fluorene	SW846-8270C	<10	ug/l	09/15/00
Diethylphthalate	SW846-8270C	<10	ug/l	09/15/00
4-Chlorophenyl-phenylether	SW846-8270C	<10	ug/l	09/15/00
4,6-Dinitro-2-methylphenol	SW846-8270C	<10	ug/l	09/15/00
4-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
n-Nitrosodiphenylamine	SW846-8270C	<10	ug/l	09/15/00
4-Bromophenyl-phenylether	SW846-8270C	<10	ug/l	09/15/00
Hexachlorobenzene	SW846-8270C	<10	ug/l	09/15/00
Pentachlorophenol	SW846-8270C	<50	ug/l	09/15/00
Phenanthrene	SW846-8270C	<10	ug/l	09/15/00
Anthracene	SW846-8270C	<10	ug/l	09/15/00
Di-n-butylphthalate	SW846-8270C	<10	ug/l	09/15/00
Fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Pyrene	SW846-8270C	<10	ug/l	09/15/00
Butylbenzylphthalate	SW846-8270C	<10	ug/l	09/15/00
Benzo(a)anthracene	SW846-8270C	<10	ug/l	09/15/00
Chyrsene	SW846-8270C	<10	ug/l	09/15/00
bis(2-Ethylhexyl)phthalate	SW846-8270C	<10	ug/l	09/15/00
Di-n-octylphthalate	SW846-8270C	<10	ug/l	09/15/00
Benzo(b)fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Benzo(k)fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Benzo(a)pyrene	SW846-8270C	<10	ug/l	09/15/00
Indeno(1,2,3-cd)pyrene	SW846-8270C	<10	ug/l	09/15/00
Dibenzo(a,h)anthracene	SW846-8270C	<10	ug/l	09/15/00
Benzo(g,h,i)perylene	SW846-8270C	<10	ug/l	09/15/00
Non-Target Peaks		Negative		
Total PCBs	SW846-8082A	<1.0	ug/l	09/11/00

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CLIENT: Malcolm Pirnie

DATE SAMPLED: 08/18/00

SAMPLE DESCRIPTION: SB-3 (12-16')

DATE SAMPLE RECD: 08/22/00

MATRIX: Soil

TIME SAMPLED: 10:30 am

LOCATION: Not Specified

TYPE SAMPLE: Not Specified

H.E.S. #: 000822B05

SAMPLER: M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Chloromethane	SW846-8260B	<10	ug/kg	08/30/00
Vinyl Chloride	SW846-8260B	<10	ug/kg	08/30/00
Bromomethane	SW846-8260B	<10	ug/kg	08/30/00
Chloroethane	SW846-8260B	<10	ug/kg	08/30/00
1,1-Dichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
Acetone	SW846-8260B	<10	ug/kg	08/30/00
Carbon Disulfide	SW846-8260B	<5.0	ug/kg	08/30/00
Methylene Chloride	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloroethene trans	SW846-8260B	<5.0	ug/kg	08/30/00
cis-1,2-Dichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
1,1-Dichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
2-Butanone	SW846-8260B	<5.0	ug/kg	08/30/00
Chloroform	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,1-Trichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Carbon Tetrachloride	SW846-8260B	<5.0	ug/kg	08/30/00
Benzene	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Trichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloropropane	SW846-8260B	<5.0	ug/kg	08/30/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-3 (12-16')

H.E.S. #: 000822B05 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Bromodichloromethane	SW846-8260B	<5.0	ug/kg	08/30/00
cis-1,3-Dichloropropene	SW846-8260B	<5.0	ug/kg	08/30/00
4-Methyl-2-Pentanone	SW846-8260B	<10	ug/kg	08/30/00
2-Hexanone	SW846-8260B	<10	ug/kg	08/30/00
Toluene	SW846-8260B	<5.0	ug/kg	08/30/00
trans-1,3-Dichloropropene	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,2-Trichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Tetrachloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
Dibromochloromethane	SW846-8260B	<5.0	ug/kg	08/30/00
Chlorobenzene	SW846-8260B	<5.0	ug/kg	08/30/00
Ethylbenzene	SW846-8260B	<5.0	ug/kg	08/30/00
m-Xylene/p-Xylene	SW846-8260B	<5.0	ug/kg	08/30/00
o-Xylene	SW846-8260B	<5.0	ug/kg	08/30/00
Styrene	SW846-8260B	<5.0	ug/kg	08/30/00
Bromoform	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,2,2-Tetrachloroethane	SW846-8260B	<5.0	ug/kg	08/30/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-3 (12-16')

H.E.S. #: 000822B05 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Phenol	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Chloroethyl)ether	SW846-8270C	<330	ug/kg	09/15/00
2-Chlorophenol	SW846-8270C	<330	ug/kg	09/15/00
1,3-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
1,4-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
1,2-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
4-Methylphenol	SW846-8270C	<330	ug/kg	09/15/00
2-Methylphenol/3-Methylphenol	SW846-8270C	<660	ug/kg	09/15/00
bis(2-chloroisopropyl)ether	SW846-8270C	<330	ug/kg	09/15/00
n-Nitroso-di-n-propylamine	SW846-8270C	<330	ug/kg	09/15/00
Hexachloroethane	SW846-8270C	<330	ug/kg	09/15/00
Nitrobenzene	SW846-8270C	<330	ug/kg	09/15/00
Isophorone	SW846-8270C	<330	ug/kg	09/15/00
2-Nitrophenol	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Chloroethoxy)methane	SW846-8270C	<330	ug/kg	09/15/00
2,4-Dichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
1,2,4-Trichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
Naphthalene	SW846-8270C	<330	ug/kg	09/15/00
4-Chloroaniline	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorobutadiene	SW846-8270C	<660	ug/kg	09/15/00
4-Chloro-3-methylphenol	SW846-8270C	<660	ug/kg	09/15/00
2,4,5-Trichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
2,4,6-Trichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorocyclopentadiene	SW846-8270C	<330	ug/kg	09/15/00
2-Chloronaphthalene	SW846-8270C	<330	ug/kg	09/15/00
2-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
3-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
Pyridine	SW846-8270C	<330	ug/kg	09/15/00

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CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-3 (12-16')

H.E.S. #: 000822B05 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dimethylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Acenaphthylene	SW846-8270C	<330	ug/kg	09/15/00
2,6-Dinitrotoluene	SW846-8270C	<330	ug/kg	09/15/00
Acenaphthene	SW846-8270C	<330	ug/kg	09/15/00
2,4-Dinitrophenol	SW846-8270C	<330	ug/kg	09/15/00
Dibenzofuran	SW846-8270C	<330	ug/kg	09/15/00
4-Nitrophenol	SW846-8270C	<1,650	ug/kg	09/15/00
2,4-Dinitrotoluene	SW846-8270C	<330	ug/kg	09/15/00
Fluorene	SW846-8270C	<330	ug/kg	09/15/00
Diethylphthalate	SW846-8270C	<330	ug/kg	09/15/00
4-Chlorophenyl-phenylether	SW846-8270C	<330	ug/kg	09/15/00
4,6-Dinitro-2-methylphenol	SW846-8270C	<330	ug/kg	09/15/00
4-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
n-Nitrosodiphenylamine	SW846-8270C	<330	ug/kg	09/15/00
4-Bromophenyl-phenylether	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
Pentachlorophenol	SW846-8270C	<1,650	ug/kg	09/15/00
Phenanthrene	SW846-8270C	<330	ug/kg	09/15/00
Anthracene	SW846-8270C	<330	ug/kg	09/15/00
Di-n-butylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Pyrene	SW846-8270C	<330	ug/kg	09/15/00
Butylbenzylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Benzo(a)anthracene	SW846-8270C	<330	ug/kg	09/15/00
Chyrsene	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Ethylhexyl)phthalate	SW846-8270C	<330	ug/kg	09/15/00
Di-n-octylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Benzo(b)fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(k)fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(a)pyrene	SW846-8270C	<330	ug/kg	09/15/00
Indeno(1,2,3-cd)pyrene	SW846-8270C	<330	ug/kg	09/15/00
Dibenzo(a,h)anthracene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(g,h,i)perylene	SW846-8270C	<330	ug/kg	09/15/00
Non-Target Peaks		Negative		
Total PCB's	SW846-8082A	<0.2	mg/kg	09/11/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie
SAMPLE DESCRIPTION: SB-3
MATRIX: Water
LOCATION: Not Specified
H.E.S. #: 000822B06

DATE SAMPLED: 08/18/00
DATE SAMPLE RECD: 08/22/00
TIME SAMPLED: 10:30 am
TYPE SAMPLE: Grab
SAMPLER: M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Chloromethane	SW846-8260B	<10	ug/l	08/30/00
Vinyl Chloride	SW846-8260B	<10	ug/l	08/30/00
Bromomethane	SW846-8260B	<10	ug/l	08/30/00
Chloroethane	SW846-8260B	<10	ug/l	08/30/00
1,1-Dichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
Acetone	SW846-8260B	<10	ug/l	08/30/00
Carbon Disulfide	SW846-8260B	<5.0	ug/l	08/30/00
Methylene Chloride	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloroethene trans	SW846-8260B	<5.0	ug/l	08/30/00
cis-1,2-Dichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
1,1-Dichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
2-Butanone	SW846-8260B	<5.0	ug/l	08/30/00
Chloroform	SW846-8260B	<5.0	ug/l	08/30/00
1,1,1-Trichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Carbon Tetrachloride	SW846-8260B	<5.0	ug/l	08/30/00
Benzene	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Trichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloropropane	SW846-8260B	<5.0	ug/l	08/30/00

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Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-3

H.E.S. #: 000822B06(Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Bromodichloromethane	SW846-8260B	<5.0	ug/l	08/30/00
cis-1,3-Dichloropropene	SW846-8260B	<5.0	ug/l	08/30/00
4-Methyl-2-Pentanone	SW846-8260B	<10	ug/l	08/30/00
2-Hexanone	SW846-8260B	<10	ug/l	08/30/00
Toluene	SW846-8260B	<5.0	ug/l	08/30/00
trans-1,3-Dichloropropene	SW846-8260B	<5.0	ug/l	08/30/00
1,1,2-Trichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Tetrachloroethene	SW846-8260B	<5.0	ug/l	08/30/00
Dibromochloromethane	SW846-8260B	<5.0	ug/l	08/30/00
Chlorobenzene	SW846-8260B	<5.0	ug/l	08/30/00
Ethylbenzene	SW846-8260B	<5.0	ug/l	08/30/00
m-Xylene/p-Xylene	SW846-8260B	<5.0	ug/l	08/30/00
o-Xylene	SW846-8260B	<5.0	ug/l	08/30/00
Styrene	SW846-8260B	<5.0	ug/l	08/30/00
Bromoform	SW846-8260B	<5.0	ug/l	08/30/00
1,1,2,2-Tetrachloroethane	SW846-8260B	<5.0	ug/l	08/30/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-3

H.E.S. #: 000822B06(Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Phenol	SW846-8270C	<10	ug/l	09/15/00
bis(2-Chloroethyl)ether	SW846-8270C	<10	ug/l	09/15/00
2-Chlorophenol	SW846-8270C	<10	ug/l	09/15/00
1,3-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
1,4-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
1,2-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
4-Methylphenol	SW846-8270C	<10	ug/l	09/15/00
2-Methylphenol/3-Methylphenol	SW846-8270C	<20	ug/l	09/15/00
bis(2-chloroisopropyl)ether	SW846-8270C	<10	ug/l	09/15/00
n-Nitroso-di-n-propylamine	SW846-8270C	<10	ug/l	09/15/00
Hexachloroethane	SW846-8270C	<10	ug/l	09/15/00
Nitrobenzene	SW846-8270C	<10	ug/l	09/15/00
Isophorone	SW846-8270C	<10	ug/l	09/15/00
2-Nitrophenol	SW846-8270C	<10	ug/l	09/15/00
bis(2-Chloroethoxy)methane	SW846-8270C	<10	ug/l	09/15/00
2,4-Dichlorophenol	SW846-8270C	<10	ug/l	09/15/00
1,2,4-Trichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
Naphthalene	SW846-8270C	<10	ug/l	09/15/00
4-Chloroaniline	SW846-8270C	<10	ug/l	09/15/00
Hexachlorobutadiene	SW846-8270C	<20	ug/l	09/15/00
4-Chloro-3-methylphenol	SW846-8270C	<20	ug/l	09/15/00
2,4,5-Trichlorophenol	SW846-8270C	<10	ug/l	09/15/00
2,4,6-Trichlorophenol	SW846-8270C	<10	ug/l	09/15/00
Hexachlorocyclopentadiene	SW846-8270C	<10	ug/l	09/15/00
2-Chloronaphthalene	SW846-8270C	<10	ug/l	09/15/00
2-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
3-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
Pyridine	SW846-8270C	<10	ug/l	09/15/00

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Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-3

H.E.S. #: 000822B06(Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dimethylphthalate	SW846-8270C	<10	ug/l	09/15/00
Acenaphthylene	SW846-8270C	<10	ug/l	09/15/00
2,6-Dinitrotoluene	SW846-8270C	<10	ug/l	09/15/00
Acenaphthene	SW846-8270C	<10	ug/l	09/15/00
2,4-Dinitrophenol	SW846-8270C	<10	ug/l	09/15/00
Dibenzofuran	SW846-8270C	<10	ug/l	09/15/00
4-Nitrophenol	SW846-8270C	<50	ug/l	09/15/00
2,4-Dinitrotoluene	SW846-8270C	<10	ug/l	09/15/00
Fluorene	SW846-8270C	<10	ug/l	09/15/00
Diethylphthalate	SW846-8270C	<10	ug/l	09/15/00
4-Chlorophenyl-phenylether	SW846-8270C	<10	ug/l	09/15/00
4,6-Dinitro-2-methylphenol	SW846-8270C	<10	ug/l	09/15/00
4-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
n-Nitrosodiphenylamine	SW846-8270C	<10	ug/l	09/15/00
4-Bromophenyl-phenylether	SW846-8270C	<10	ug/l	09/15/00
Hexachlorobenzene	SW846-8270C	<10	ug/l	09/15/00
Pentachlorophenol	SW846-8270C	<50	ug/l	09/15/00
Phenanthrene	SW846-8270C	<10	ug/l	09/15/00
Anthracene	SW846-8270C	<10	ug/l	09/15/00
Di-n-butylphthalate	SW846-8270C	<10	ug/l	09/15/00
Fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Pyrene	SW846-8270C	<10	ug/l	09/15/00
Butylbenzylphthalate	SW846-8270C	<10	ug/l	09/15/00
Benzo(a)anthracene	SW846-8270C	<10	ug/l	09/15/00
Chyrsene	SW846-8270C	<10	ug/l	09/15/00
bis(2-Ethylhexyl)phthalate	SW846-8270C	<10	ug/l	09/15/00
Di-n-octylphthalate	SW846-8270C	<10	ug/l	09/15/00
Benzo(b)fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Benzo(k)fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Benzo(a)pyrene	SW846-8270C	<10	ug/l	09/15/00
Indeno(1,2,3-cd)pyrene	SW846-8270C	<10	ug/l	09/15/00
Dibenzo(a,h)anthracene	SW846-8270C	<10	ug/l	09/15/00
Benzo(g,h,i)perylene	SW846-8270C	<10	ug/l	09/15/00
Non-Target Peaks		Negative		
Total PCBs	SW846-8082A	<1.0	ug/l	09/11/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-4 (16-20')

MATRIX: Soil

LOCATION: Not Specified

H.E.S. #: 000822B07

DATE SAMPLED: 08/18/00

DATE SAMPLE RECD: 08/22/00

TIME SAMPLED: 11:55 am

TYPE SAMPLE: Not Specified

SAMPLER: M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Chloromethane	SW846-8260B	<10	ug/kg	08/30/00
Vinyl Chloride	SW846-8260B	<10	ug/kg	08/30/00
Bromomethane	SW846-8260B	<10	ug/kg	08/30/00
Chloroethane	SW846-8260B	<10	ug/kg	08/30/00
1,1-Dichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
Acetone	SW846-8260B	<10	ug/kg	08/30/00
Carbon Disulfide	SW846-8260B	<5.0	ug/kg	08/30/00
Methylene Chloride	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloroethene trans	SW846-8260B	<5.0	ug/kg	08/30/00
cis-1,2-Dichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
1,1-Dichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
2-Butanone	SW846-8260B	300	ug/kg	08/30/00
Chloroform	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,1-Trichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Carbon Tetrachloride	SW846-8260B	<5.0	ug/kg	08/30/00
Benzene	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Trichloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
1,2-Dichloropropane	SW846-8260B	<5.0	ug/kg	08/30/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-4 (16-20')

H.E.S. #: 000822B07 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Bromodichloromethane	SW846-8260B	<5.0	ug/kg	08/30/00
cis-1,3-Dichloropropene	SW846-8260B	<5.0	ug/kg	08/30/00
4-Methyl-2-Pentanone	SW846-8260B	<10	ug/kg	08/30/00
2-Hexanone	SW846-8260B	<10	ug/kg	08/30/00
Toluene	SW846-8260B	<5.0	ug/kg	08/30/00
trans-1,3-Dichloropropene	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,2-Trichloroethane	SW846-8260B	<5.0	ug/kg	08/30/00
Tetrachloroethene	SW846-8260B	<5.0	ug/kg	08/30/00
Dibromochloromethane	SW846-8260B	<5.0	ug/kg	08/30/00
Chlorobenzene	SW846-8260B	<5.0	ug/kg	08/30/00
Ethylbenzene	SW846-8260B	<5.0	ug/kg	08/30/00
m-Xylene/p-Xylene	SW846-8260B	<5.0	ug/kg	08/30/00
o-Xylene	SW846-8260B	<5.0	ug/kg	08/30/00
Styrene	SW846-8260B	<5.0	ug/kg	08/30/00
Bromoform	SW846-8260B	<5.0	ug/kg	08/30/00
1,1,2,2-Tetrachloroethane	SW846-8260B	<5.0	ug/kg	08/30/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-4 (16-20')

H.E.S. #: 000822B07 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Phenol	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Chloroethyl)ether	SW846-8270C	<330	ug/kg	09/15/00
2-Chlorophenol	SW846-8270C	<330	ug/kg	09/15/00
1,3-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
1,4-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
1,2-Dichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
4-Methylphenol	SW846-8270C	<330	ug/kg	09/15/00
2-Methylphenol/3-Methylphenol	SW846-8270C	<660	ug/kg	09/15/00
bis(2-chloroisopropyl)ether	SW846-8270C	<330	ug/kg	09/15/00
n-Nitroso-di-n-propylamine	SW846-8270C	<330	ug/kg	09/15/00
Hexachloroethane	SW846-8270C	<330	ug/kg	09/15/00
Nitrobenzene	SW846-8270C	<330	ug/kg	09/15/00
Isophorone	SW846-8270C	<330	ug/kg	09/15/00
2-Nitrophenol	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Chloroethoxy)methane	SW846-8270C	<330	ug/kg	09/15/00
2,4-Dichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
1,2,4-Trichlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
Naphthalene	SW846-8270C	<330	ug/kg	09/15/00
4-Chloroaniline	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorobutadiene	SW846-8270C	<660	ug/kg	09/15/00
4-Chloro-3-methylphenol	SW846-8270C	<660	ug/kg	09/15/00
2,4,5-Trichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
2,4,6-Trichlorophenol	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorocyclopentadiene	SW846-8270C	<330	ug/kg	09/15/00
2-Chloronaphthalene	SW846-8270C	<330	ug/kg	09/15/00
2-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
3-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
Pyridine	SW846-8270C	<330	ug/kg	09/15/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-4 (16-20')

H.E.S. #: 000822B07 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dimethylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Acenaphthylene	SW846-8270C	<330	ug/kg	09/15/00
2,6-Dinitrotoluene	SW846-8270C	<330	ug/kg	09/15/00
Acenaphthene	SW846-8270C	<330	ug/kg	09/15/00
2,4-Dinitrophenol	SW846-8270C	<330	ug/kg	09/15/00
Dibenzofuran	SW846-8270C	<330	ug/kg	09/15/00
4-Nitrophenol	SW846-8270C	<1,650	ug/kg	09/15/00
2,4-Dinitrotoluene	SW846-8270C	<330	ug/kg	09/15/00
Fluorene	SW846-8270C	<330	ug/kg	09/15/00
Diethylphthalate	SW846-8270C	<330	ug/kg	09/15/00
4-Chlorophenyl-phenylether	SW846-8270C	<330	ug/kg	09/15/00
4,6-Dinitro-2-methylphenol	SW846-8270C	<330	ug/kg	09/15/00
4-Nitroaniline	SW846-8270C	<330	ug/kg	09/15/00
n-Nitrosodiphenylamine	SW846-8270C	<330	ug/kg	09/15/00
4-Bromophenyl-phenylether	SW846-8270C	<330	ug/kg	09/15/00
Hexachlorobenzene	SW846-8270C	<330	ug/kg	09/15/00
Pentachlorophenol	SW846-8270C	<1,650	ug/kg	09/15/00
Phenanthrene	SW846-8270C	<330	ug/kg	09/15/00
Anthracene	SW846-8270C	<330	ug/kg	09/15/00
Di-n-butylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Pyrene	SW846-8270C	<330	ug/kg	09/15/00
Butylbenzylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Benzo(a)anthracene	SW846-8270C	<330	ug/kg	09/15/00
Chyrsene	SW846-8270C	<330	ug/kg	09/15/00
bis(2-Ethylhexyl)phthalate	SW846-8270C	<330	ug/kg	09/15/00
Di-n-octylphthalate	SW846-8270C	<330	ug/kg	09/15/00
Benzo(b)fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(k)fluoranthene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(a)pyrene	SW846-8270C	<330	ug/kg	09/15/00
Indeno(1,2,3-cd)pyrene	SW846-8270C	<330	ug/kg	09/15/00
Dibenzo(a,h)anthracene	SW846-8270C	<330	ug/kg	09/15/00
Benzo(g,h,i)perylene	SW846-8270C	<330	ug/kg	09/15/00
Non-Target Peaks		Negative		
Total PCB's	SW846-8082A	<0.2	mg/kg	09/11/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-4

MATRIX: Water

LOCATION: Not Specified

H.E.S. #: 000822B08

DATE SAMPLED: 08/18/00

DATE SAMPLE RECD: 08/22/00

TIME SAMPLED: 10:30 am

TYPE SAMPLE: Grab

SAMPLER:M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Chloromethane	SW846-8260B	<10	ug/l	08/30/00
Vinyl Chloride	SW846-8260B	<10	ug/l	08/30/00
Bromomethane	SW846-8260B	<10	ug/l	08/30/00
Chloroethane	SW846-8260B	<10	ug/l	08/30/00
1,1-Dichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
Acetone	SW846-8260B	<10	ug/l	08/30/00
Carbon Disulfide	SW846-8260B	<5.0	ug/l	08/30/00
Methylene Chloride	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloroethene trans	SW846-8260B	<5.0	ug/l	08/30/00
cis-1,2-Dichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
1,1-Dichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
2-Butanone	SW846-8260B	<5.0	ug/l	08/30/00
Chloroform	SW846-8260B	<5.0	ug/l	08/30/00
1,1,1-Trichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Carbon Tetrachloride	SW846-8260B	<5.0	ug/l	08/30/00
Benzene	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Trichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloropropane	SW846-8260B	<5.0	ug/l	08/30/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-4

H.E.S. #: 000822B08 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Bromodichloromethane	SW846-8260B	<5.0	ug/l	08/30/00
cis-1,3-Dichloropropene	SW846-8260B	<5.0	ug/l	08/30/00
4-Methyl-2-Pentanone	SW846-8260B	<10	ug/l	08/30/00
2-Hexanone	SW846-8260B	<10	ug/l	08/30/00
Toluene	SW846-8260B	<5.0	ug/l	08/30/00
trans-1,3-Dichloropropene	SW846-8260B	<5.0	ug/l	08/30/00
1,1,2-Trichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Tetrachloroethene	SW846-8260B	<5.0	ug/l	08/30/00
Dibromochloromethane	SW846-8260B	<5.0	ug/l	08/30/00
Chlorobenzene	SW846-8260B	<5.0	ug/l	08/30/00
Ethylbenzene	SW846-8260B	<5.0	ug/l	08/30/00
m-Xylene/p-Xylene	SW846-8260B	<5.0	ug/l	08/30/00
o-Xylene	SW846-8260B	<5.0	ug/l	08/30/00
Styrene	SW846-8260B	<5.0	ug/l	08/30/00
Bromoform	SW846-8260B	<5.0	ug/l	08/30/00
1,1,2,2-Tetrachloroethane	SW846-8260B	<5.0	ug/l	08/30/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-4

H.E.S. #: 000822B08 (Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Phenol	SW846-8270C	<10	ug/l	09/15/00
bis(2-Chloroethyl)ether	SW846-8270C	<10	ug/l	09/15/00
2-Chlorophenol	SW846-8270C	<10	ug/l	09/15/00
1,3-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
1,4-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
1,2-Dichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
4-Methylphenol	SW846-8270C	<10	ug/l	09/15/00
2-Methylphenol/3-Methylphenol	SW846-8270C	<20	ug/l	09/15/00
bis(2-chloroisopropyl)ether	SW846-8270C	<10	ug/l	09/15/00
n-Nitroso-di-n-propylamine	SW846-8270C	<10	ug/l	09/15/00
Hexachloroethane	SW846-8270C	<10	ug/l	09/15/00
Nitrobenzene	SW846-8270C	<10	ug/l	09/15/00
Isophorone	SW846-8270C	<10	ug/l	09/15/00
2-Nitrophenol	SW846-8270C	<10	ug/l	09/15/00
bis(2-Chloroethoxy)methane	SW846-8270C	<10	ug/l	09/15/00
2,4-Dichlorophenol	SW846-8270C	<10	ug/l	09/15/00
1,2,4-Trichlorobenzene	SW846-8270C	<10	ug/l	09/15/00
Naphthalene	SW846-8270C	<10	ug/l	09/15/00
4-Chloroaniline	SW846-8270C	<10	ug/l	09/15/00
Hexachlorobutadiene	SW846-8270C	<20	ug/l	09/15/00
4-Chloro-3-methylphenol	SW846-8270C	<20	ug/l	09/15/00
2,4,5-Trichlorophenol	SW846-8270C	<10	ug/l	09/15/00
2,4,6-Trichlorophenol	SW846-8270C	<10	ug/l	09/15/00
Hexachlorocyclopentadiene	SW846-8270C	<10	ug/l	09/15/00
2-Chloronaphthalene	SW846-8270C	<10	ug/l	09/15/00
2-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
3-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
Pyridine	SW846-8270C	<10	ug/l	09/15/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: SB-4

H.E.S. #: 000822B08(Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Dimethylphthalate	SW846-8270C	<10	ug/l	09/15/00
Acenaphthylene	SW846-8270C	<10	ug/l	09/15/00
2,6-Dinitrotoluene	SW846-8270C	<10	ug/l	09/15/00
Acenaphthene	SW846-8270C	<10	ug/l	09/15/00
2,4-Dinitrophenol	SW846-8270C	<10	ug/l	09/15/00
Dibenzofuran	SW846-8270C	<10	ug/l	09/15/00
4-Nitrophenol	SW846-8270C	<50	ug/l	09/15/00
2,4-Dinitrotoluene	SW846-8270C	<10	ug/l	09/15/00
Fluorene	SW846-8270C	<10	ug/l	09/15/00
Diethylphthalate	SW846-8270C	<10	ug/l	09/15/00
4-Chlorophenyl-phenylether	SW846-8270C	<10	ug/l	09/15/00
4,6-Dinitro-2-methylphenol	SW846-8270C	<10	ug/l	09/15/00
4-Nitroaniline	SW846-8270C	<10	ug/l	09/15/00
n-Nitrosodiphenylamine	SW846-8270C	<10	ug/l	09/15/00
4-Bromophenyl-phenylether	SW846-8270C	<10	ug/l	09/15/00
Hexachlorobenzene	SW846-8270C	<10	ug/l	09/15/00
Pentachlorophenol	SW846-8270C	<50	ug/l	09/15/00
Phenanthrene	SW846-8270C	<10	ug/l	09/15/00
Anthracene	SW846-8270C	<10	ug/l	09/15/00
Di-n-butylphthalate	SW846-8270C	<10	ug/l	09/15/00
Fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Pyrene	SW846-8270C	<10	ug/l	09/15/00
Butylbenzylphthalate	SW846-8270C	<10	ug/l	09/15/00
Benzo(a)anthracene	SW846-8270C	<10	ug/l	09/15/00
Chyrsene	SW846-8270C	<10	ug/l	09/15/00
bis(2-Ethylhexyl)phthalate	SW846-8270C	<10	ug/l	09/15/00
Di-n-octylphthalate	SW846-8270C	<10	ug/l	09/15/00
Benzo(b)fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Benzo(k)fluoranthene	SW846-8270C	<10	ug/l	09/15/00
Benzo(a)pyrene	SW846-8270C	<10	ug/l	09/15/00
Indeno(1,2,3-cd)pyrene	SW846-8270C	<10	ug/l	09/15/00
Dibenzo(a,h)anthracene	SW846-8270C	<10	ug/l	09/15/00
Benzo(g,h,i)perylene	SW846-8270C	<10	ug/l	09/15/00
Non-Target Peaks		Negative		
Total PCBs	SW846-8082A	<1.0	ug/l	09/11/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: Instrument Blank

MATRIX: DI Water

LOCATION: Not Specified

H.E.S. #: 000822BTB

DATE SAMPLED: 08/18/00

DATE SAMPLE RECD: 08/22/00

TIME SAMPLED: 10:30 am

TYPE SAMPLE: Grab

SAMPLER:HES

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Chloromethane	SW846-8260B	<10	ug/l	08/30/00
Vinyl Chloride	SW846-8260B	<10	ug/l	08/30/00
Bromomethane	SW846-8260B	<10	ug/l	08/30/00
Chloroethane	SW846-8260B	<10	ug/l	08/30/00
1,1-Dichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
Acetone	SW846-8260B	<10	ug/l	08/30/00
Carbon Disulfide	SW846-8260B	<5.0	ug/l	08/30/00
Methylene Chloride	SW846-8260B	36	ug/l	08/30/00
1,2-Dichloroethene trans	SW846-8260B	<5.0	ug/l	08/30/00
cis-1,2-Dichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
1,1-Dichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
2-Butanone	SW846-8260B	<5.0	ug/l	08/30/00
Chloroform	SW846-8260B	<5.0	ug/l	08/30/00
1,1,1-Trichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Carbon Tetrachloride	SW846-8260B	<5.0	ug/l	08/30/00
Benzene	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Trichloroethene	SW846-8260B	<5.0	ug/l	08/30/00
1,2-Dichloropropane	SW846-8260B	<5.0	ug/l	08/30/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie

SAMPLE DESCRIPTION: Instrument Blank

H.E.S. #: 000822BTB(Continued)

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Bromodichloromethane	SW846-8260B	<5.0	ug/l	08/30/00
cis-1,3-Dichloropropene	SW846-8260B	<5.0	ug/l	08/30/00
4-Methyl-2-Pentanone	SW846-8260B	<10	ug/l	08/30/00
2-Hexanone	SW846-8260B	<10	ug/l	08/30/00
Toluene	SW846-8260B	<5.0	ug/l	08/30/00
trans-1,3-Dichloropropene	SW846-8260B	<5.0	ug/l	08/30/00
1,1,2-Trichloroethane	SW846-8260B	<5.0	ug/l	08/30/00
Tetrachloroethene	SW846-8260B	<5.0	ug/l	08/30/00
Dibromochloromethane	SW846-8260B	<5.0	ug/l	08/30/00
Chlorobenzene	SW846-8260B	<5.0	ug/l	08/30/00
Ethylbenzene	SW846-8260B	<5.0	ug/l	08/30/00
m-Xylene/p-Xylene	SW846-8260B	<5.0	ug/l	08/30/00
o-Xylene	SW846-8260B	<5.0	ug/l	08/30/00
Styrene	SW846-8260B	<5.0	ug/l	08/30/00
Bromoform	SW846-8260B	<5.0	ug/l	08/30/00
1,1,2,2-Tetrachloroethane	SW846-8260B	<5.0	ug/l	08/30/00

Approval By: MLHumphrey

Date: 9/19/00

Hudson Environmental Services, Inc. (HES) certifies that the above tests were performed in accordance with the methods listed, and with a QA/QC program that meets the requirements of the test methods listed. HES, Inc. total liability for any work performed is limited to the amount billed to the customer for work leading to the claim of the customer.

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie
SAMPLE DESCRIPTION: SS-1
MATRIX: Soil
LOCATION: Not Specified
H.E.S. #: 000822B09

DATE SAMPLED: 08/18/00
DATE SAMPLE RECD: 08/22/00
TIME SAMPLED: 12:10 pm
TYPE SAMPLE: Composite
SAMPLER:M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Lead	SW846-7420	4,065	mg/kg	08/25/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie
SAMPLE DESCRIPTION: SS-2
MATRIX: Soil
LOCATION: Not Specified
H.E.S. #: 000822B10

DATE SAMPLED: 08/18/00
DATE SAMPLE RECD: 08/22/00
TIME SAMPLED: 12:43 pm
TYPE SAMPLE: Composite
SAMPLER:M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Lead	SW846-7420	8,400	mg/kg	08/25/00

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Rd., So. Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., So. Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CLIENT: Malcolm Pirnie
SAMPLE DESCRIPTION: SS-3
MATRIX: Soil
LOCATION: Not Specified
H.E.S. #: 000822B11

DATE SAMPLED: 08/18/00
DATE SAMPLE RECD: 08/22/00
TIME SAMPLED: 12:46 pm
TYPE SAMPLE: Composite
SAMPLER: M.Bokus/Malcolm Pirnie

PARAMETER	METHOD	RESULT	UNITS	TEST DATE
Lead	SW846-7420	6,600	mg/kg	08/25/00

Approval By: ML Haugh
Date: 9/13/00

Hudson Environmental Services, Inc. (HES) certifies that the above tests were performed in accordance with the methods listed, and with a QA/QC program that meets the requirements of the test methods listed. HES, Inc. total liability for any work performed is limited to the amount billed to the customer for work leading to the claim of the customer.

HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Road, South Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., South Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CHAIN OF CUSTODY RECORD/
Lab Work Request

Client Malcolm Pirnie
Client Contact/Person # Matt Bates
Project Location
Purchase Order
HES Contact

Mail Address 15 Corporate Dr
Latham NY 12110
Phone # (518) 786-7349

HES Use Only Lab ID	Sample ID / Description	Date Collected	TIME A=a.m. P=p.m.		SAMPLE TYPE C=Composite G=Grab MATRIX	C	G	# Conts.	ANALYSIS REQUIRED
0822B01	SB-2 (12-16')	8/18/00	1000	A P	Soil		X	1	VOC 8260
B02	SB-2 (12-16')		1000	A P	Soil	X		1	SVOC 8270 / PCB
B03	SB-2		1002	A P	H_2O		X	2	VOC 8260
B04	SB-2		1002	A P	H_2O		X	1	SVOC 8270 / PCB
B05	SB-1 (16-20')		0855	A P	Soil			2	VOC 8260 SVOC 8270 PCB
B06	SB-1		0900	A P	H_2O		X	3	VOC 8260 SVOC 8270 PCB
B07	SB-3 (12-16')		1030	A P	Soil			2	VOC 8260 SVOC 8270 PCB
B08	SB-3			A P	H_2O		X	3	VOC 8260 SVOC 8270 PCB

Matrix
S - Soil, SE - Sediment, SO - Solid, SL - Sludge, O - Oil, DW - Drinking Water, GW - Ground Water, SW - Surface Water, L - Leachate, A - Air, WI - Wipe, DS - Drum Solids, DL - Drum Liquids, X - Other, WW - Waste Water

Special Instructions:

Sampled by: (Signature) Matth J. B.	Date/Time 8/18/00 1300	Received by: (Signature)	Date/Time
Relinquished by: (Signature) Matth B.	Date/Time 8/21/00 1735	Received by: (Signature) Fedex 8154 0636 8061	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Dispatched by: (Signature)	Method of Shipment:		Date/Time
Received at Laboratory: Sandy Brown	Date/Time 8/22/00 9:40am	Turnaround Time: Normal	Lab Approval:

HES Use Only

Samples Were:
1. Shipped or Hand Delivered NOTES:
2. Ambient or Chilled NOTES:
3. Received Broken/ Leaking (Improperly Scaled) Y N NOTES:
4. Properly Preserved NOTES: Y N
5. Received Within Holding Times Y NOTES:

COC Tape Was:
1. Present on Outer Package Y N
2. Unbroken on Outer Package Y N
3. Present on Sample Y N
4. Unbroken on Sample NOTES: Y N

COC Record Was:
1. Present upon Receipt of Samples Y

Discrepancies Between Sample Labels and COC Record? Y N
NOTES:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Road, South Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., South Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

CHAIN OF CUSTODY RECORD/
Lab Work Request

Client: Malcolm Pirnie
Client Contact/Person #: Matt Bates
Project Location:
Purchase Order:
HES Contact:

Mail Address: Malcolm Pirnie
15 Cornell Rd
Latham, NY 12110
Phone #: (518) 786-7349

HES Use Only Lab ID	Sample ID / Description	Date Collected	TIME A=a.m. P=p.m.	SAMPLE TYPE C=Composite G=Grab MATRIX	C	G	# Conts.	ANALYSIS REQUIRED
0822B09	SB-4 (16-20')	8/14/00	1155 A P	S:1			2	VOC 8260 SVOC 8270 PCB
B0	SB-4		1210 A P	H2O		X	3	VOC 8260 SVOC 8270 PCB
B0	SS-1		1210 A P	S:1	X	NB X	1	Lead
B0	SS-2		1243 A P	S:1	X	X	1	Lead
B1	SS-3		1246 A P	S:1	X	X	1	Lead
			A P					
			A P					
			A P					

Matrix
S - Soil
SE - Sediment
SO - Solid
SL - Sludge
O - Oil
DW - Drinking Water
GW - Ground Water
SW - Surface Water
L - Leachate
A - Air
WI - Wipe
DS - Drum Solids
DL - Drum Liquids
X - Other
WW - Waste Water

Special Instructions:

Sampled by: (Signature) Matthew Bates	Date/Time 8/16/00 1300	Received by: (Signature)	Date/Time
Relinquished by: (Signature) Matthew Bates	Date/Time 8/21/00 1735	Received by: (Signature)	Date/Time
Relinquished by: (Signature) Fedex 8154 0636 8064	Date/Time	Received by: (Signature)	Date/Time
Dispatched by: (Signature)	Method of Shipment:		Date/Time
Received by Laboratory:	Date/Time 8/22/00 9:40AM	Turnaround Time: Normal	Lab Approval:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

HES Use Only

Samples Were:
1. Shipped or Hand Delivered
NOTES:

2. Ambient or Chilled
NOTES:

3. Received Broken/ Leaking (Improperly Sealed)
Y N
NOTES:

4. Properly Preserved
NOTES: Y N

5. Received Within Holding Times
Y N
NOTES:

COC Tape Was:
1. Present on Outer Package Y N

2. Unbroken on Outer Package Y N

3. Present on Sample Y N

4. Unbroken on Sample
NOTES: Y N

COC Record Was:
1. Present upon Receipt of Samples Y N

Discrepancies Between Sample Labels and COC Record?
Y N
NOTES:

HUDSON ENVIRONMENTAL SERVICES, INC.
Mail: 22 Hudson Falls Road, South Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., South Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

HES

CHAIN OF CUSTODY RECORD/ Lab Work Request

Client: Malcolm Pirnie
Client Contact/Person #: Matt Bakos
Project Location:
Purchase Order:
HES Contact:

Mail Address: 15 Cornell Rd, Latham NY 12110
Phone #: (518) 786-7349

HES Use Only Lab ID	Sample ID / Description	Date Collected	TIME A=a.m. P=p.m.		MATRIX	C	G	# Conts.	ANALYSIS REQUIRED
0822B01	SB-2 (12-16')	8/18/00	1100	A	Soil		X	1	VOC 8260
B01	SB-2 (12-16')		1100	A	Soil	X		1	SVOC 8270 / PCB
B02	SB-2		1102	A	H2O		X	2	VOC 8260
B02	SB-2		1100	A	H2O		X	1	SVOC 8270 / PCB
B03	SB-1 (16-20')		0855	A	Soil			2	VOC 8260 SVOC 8270 PCB
B04	SB-1		0930	A	H2O		X	3	VOC 8260 SVOC 8270 PCB
B05	SB-3 (12-16')		1030	A	Soil			2	VOC 8260 SVOC 8270 PCB
B06	SB-3				H2O		X	3	VOC 8260 SVOC 8270 PCB

Matrix: S - Soil; SE - Sediment; SO - Solid; SL - Sludge; O - Oil; DW - Drinking Water; GW - Ground Water; SW - Surface Water; L - Leachate; A - Air; WI - Wipe; DS - Drum Solids; DL - Drum Liquids; X - Other; WW - Waste Water

Special Instructions:

Sampled by: (Signature) Matt Bakos	Date/Time 8/18/00 1300	Received by: (Signature)	Date/Time
Relinquished by: (Signature) M. Bakos	Date/Time 8/21/00 1735	Received by: (Signature) Fedex 8154 2656 8007	Date/Time
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Dispatched by: (Signature)		Method of Shipment:	Date/Time
Received @ Laboratory: [signature]	Date/Time 8/22/00 9:40AM	Turnaround Time: Normal	Lab Approval:

HES Use Only

Samples Were:
1. Shipped or Hand Delivered NOTES:
2. Ambient or Chilled NOTES:
3. Received Broken/ Leaking (Improperly Sealed) Y N NOTES:
4. Properly Preserved NOTES: Y N
5. Received Within Holding Times Y N NOTES:

COC Tape Was:
1. Present on Outer Package Y N
2. Unbroken on Outer Package Y N
3. Present on Sample Y N
4. Unbroken on Sample NOTES: Y N

COC Record Was:
1. Present upon Receipt of Samples Y N

Discrepancies Between Sample Labels and COC Record? Y N
NOTES:

WHITE - Lab Copy YELLOW - Sampler Copy PINK - Generator Copy

HUDSON ENVIRONMENTAL SERVICES, INC.

Mail: 22 Hudson Falls Road, South Glens Falls, NY 12803
Delivery: 211 Ferry Blvd., South Glens Falls, NY 12803
Phone: 518/747-1060 Fax: 518/747-1062

HES

CHAIN OF CUSTODY RECORD/ Lab Work Request

Client: Malcolm Pirnie
Client Contact/Person #: Matt Bakos
Project Location:
Purchase Order:
HES Contact:

Mail Address: Malcolm Pirnie, 15 Cornell Rd, Latham, NY 12110
Phone #: (518) 786-7349

HES Use Only Lab ID	Sample ID / Description	Date Collected	TIME (A=a.m., P=p.m.)		SAMPLE TYPE (C=Composite, G=Grab) MATRIX	C	G	# Conts.	ANALYSIS REQUIRED
08227B09	SB-4 (16-20')	8/16/00	1155	A	Soil			2	VOC 8260 SVOC 8270 PCB
B08	SB-4	↓	1220	P	H2O		X	3	VOC 8260 SVOC 8270 PCB
B09	SS-1	↓	1210	P	Soil	X	~~X~~	1	Lead
B10	SS-2	↓	1243	P	Soil	X	~~X~~	1	Lead
B11	SS-3	↓	1246	A/P	Soil	X	~~X~~	1	Lead
				A/P					
				A/P					
				A/P					

Matrix: S - Soil, SE - Sediment, SO - Solid, SL - Sludge, O - Oil, DW - Drinking Water, GW - Ground Water, SW - Surface Water, L - Leachate, A - Air, WI - Wipe, DS - Drum Solids, DL - Drum Liquids, X - Other, WW - Waste Water

Special Instructions:

Sampled by: (Signature) Matthew J. Bakos	Date/Time 8/16/00 1300	Received by: (Signature)	Date/Time
Relinquished by: (Signature) Matthew J. Bakos	Date/Time 8/21/00 1735	Received by: (Signature)	Date/Time
Relinquished by: (Signature) Fedex 8154 0636 8064	Date/Time	Received by: (Signature)	Date/Time
Dispatched by: (Signature)	Method of Shipment:		Date/Time
Received @ Laboratory: [signature]	Date/Time 8/22/00 9:40AM	Turnaround Time: Normal	Lab Approval:

HES Use Only

Samples Were:
1. Shipped or Hand Delivered NOTES:
2. Ambient or Chilled NOTES:
3. Received Broken/Leaking (Improperly Sealed) Y N NOTES:
4. Properly Preserved NOTES: Y N
5. Received Within Holding Times Y N NOTES:

COC Tape Was:
1. Present on Outer Package Y N
2. Unbroken on Outer Package Y N
3. Present on Sample Y N
4. Unbroken on Sample NOTES: Y N

COC Record Was:
1. Present upon Receipt of Samples Y N

Discrepancies Between Sample Labels and COC Record? Y N
NOTES: