

RJS Environmental

Corporate Office: 4169 Allendale Parkway, Blasdell, NY 14219
Satellite Offices in Jamestown, Syracuse and New York

716-649-9718
mail@rjsenviro.com

September 26, 2011

Mr. Martin Doster
New York State Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2999

Re: 2526 Pine Avenue
Niagara Falls, New York

Dear Mr. Doster:

RJ Szustakowski Environmental, Inc. (RJS), conducted an intrusive study at the above-referenced for pre-lending due diligence purposes. The property was identified as a current/historic dry cleaner, based on a Transaction Screen study completed by RJS.

RJS' work included soil vapor sampling and a series of test borings on-site to assess the potential impact from the dry cleaning operations. Note that while attempted, RJS was unable to collect groundwater samples for analysis due to the lack of water generated within the wells installed on-site.

Soil and air samples collected on-site contained significant concentrations of dry cleaning solvent and its degradation products.

Due to the contaminant concentrations and proximity to residential properties (the existing building includes apartment units on the second floor and residential properties are located proximate to the Site), RJS concluded that the New York State Department of Environmental Conservation (NYSDEC) should be notified. As a courtesy, we allowed the seller's counsel to coordinate this. Unfortunately, to-date, we have no indication that you were notified.

Attached please find the report issued to First Niagara Bank. Note that our site drawings are only approximate.

We trust that you will address this site as you see fit.

Should you have any questions, please contact me at 716-923-5377.

Sincerely,



Robert J. Szustakowski
President

PHASE II ENVIRONMENTAL SITE ASSESSMENT (ASTM E1903-97)
And
VAPOR ENCROACHMENT SCREEN

Commercial/Residential Structure (FNB Project No. 11-000666-02-2)
2526 Pine Avenue
Niagara Falls, New York

Project No. 11RJS226.5

SUBMITTED TO:

Robert J. Szustakowski
c/o First Niagara Bank
726 Exchange Street
Buffalo, New York 14210

SUBMITTED BY:

RJS Environmental

Corporate Office: 4169 Allendale Parkway, Blasdell, NY 14219
Satellite Offices in Jamestown, Syracuse and New York

716-649-9718
mail@rjsenviro.com

August 3, 2011

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1. EXECUTIVE SUMMARY

RJ Szustakowski Environmental, Inc. (RJS), was contracted to complete a Phase II Environmental Site Assessment at 2526 Pine Avenue, City of Niagara Falls, Niagara County, New York (the Site). On-site operations have included dry cleaning since at least 1985. The intrusive study was completed to assess subsurface conditions due to current/historic on-site dry cleaning. Air sampling from two sub-slab points was also completed as borings within the structure were impractical. Additional information relative to the work completed at the Site is provided below.

Soil Sampling

Four soil borings (SB-1 through SB-4) were completed on the northern portion of the Site using a hydraulically driven rig (Geoprobe) until the desired depth, 16 feet below grade (ftbg), was reached. Suspect solvent-related odors and elevated photo-ionization detector (PID) readings were detected at each boring.

Six soil samples were submitted to the laboratory for target compound list (TCL) volatile organic compound (VOC) analysis via United States Environmental Protection Agency (USEPA) test method 8260. Tetrachloroethene (PCE), a VOC compound typically associated with dry cleaning solvents, was identified above New York State Department of Environmental Conservation (NYSDEC) soil cleanup objectives (SCOs) at each soil boring at depths ranging between 6 and 16 ftbg.

While attempted, RJS was unable to collect groundwater samples for analysis due to the lack of water generated within the wells installed on-site.

Air Sampling

As drilling was limited to the northern portion of the Site, two air samples were collected from beneath the building slab using Summa canisters. [No indoor air samples were collected as the on-going dry cleaning would have resulted in elevated VOCs in the air.] Both air samples were analyzed for VOCs via USEPA Test Method TO-15. Three VOCs, cis-1,2-dichloroethylene, PCE and trichloroethylene (TCE), were identified significantly above New York State Department of Health (NYSDOH) action levels presented in the decision matrices. As noted above, PCE is a common dry cleaning solvent; the other compounds are common PCE degradation products. As such, it is likely that impacts extend beneath the existing structure.

In conclusion, significant solvent-related impacts were identified in connection with the Site. Further work would be required to fully assess the extent of impact and costs associated with remediating the impacted soils, sub-slab air and, likely, groundwater. It is likely that remedial costs would approach or even exceed the loan amount.

While the regulations do not clearly require notification of the Site's conditions by its consultant, RJS is very concerned about the potential for indoor air contamination within the existing proximate residential houses. Such could be perceived as an "imminent threat" to human health which, RJS understands, is reportable to the state. RJS recommends that the seller discuss this with their counsel and assure that the NYSDEC is made aware of the results of this study. If the site owner does not make a report to the state, RJS will feel obligated to do so.

2. INTRODUCTION

a. Purpose

RJS was contracted to complete a Phase II (intrusive) investigation at 2526 Pine Avenue, City of Niagara Falls, Niagara County, New York (the Site). On-site operations have included dry cleaning since at least 1985. The intrusive study was completed to assess subsurface conditions due to current/historic on-site dry cleaning. Air sampling from two sub-slab points was also completed due to the inability to collect subsurface soils beneath the existing structure. Additional information relative to this area of concern and the work completed at the Site is provided below.

b. Special Terms and Conditions

The work was completed in accordance with the proposal to the Client dated June 30, 2011, which explained the scope of work associated with this study. The scope of work was subsequently approved by the client on July 11, 2011.

c. Limitations and Exceptions

Generally, the study was completed in accordance with the scope of work detailed in the above-referenced proposal. There were no significant limitations/exceptions encountered during the work other than the lack of groundwater within installed wells for sampling. Additional soil samples were collected to account for the lack of water samples. The following should also be noted.

- Due to obstructions within the sample tubes at three soil boring locations (SB-2, SB-3 and SB-4), there was no soil recovery at three intervals.

d. Limiting Conditions and Methodologies Used

The study was completed using standard methodologies, as described below, and is generally consistent with ASTM E1903-97. Such would typically include collection of representative samples from various locations and/or at various depths. As with any study, it is possible that additional impact is present at locations not sampled in this study.

3. BACKGROUND

a. Site Description and Features

The Site is addressed at 2526 Pine Avenue, City of Niagara Falls, Niagara County, New York, and measures approximately 0.08 acres. The Site is currently developed with a 4,143 square foot structure constructed in 1957. The first floor of this two-story structure is utilized as a dry cleaner while the second floor includes three apartment units.

Adjacent properties are primarily residential and commercial in nature.

b. Physical Setting

The Site is located approximately 575 feet above mean sea level. Groundwater flow would be anticipated to the east or southeast, toward Gill Creek. However, localized subsurface variations and man-made structures can modify flow directions, a site-specific study would be required to confirm groundwater flow direction. A topographic map is provided as Figure 1.

c. Site History and Land Use

As indicated above, the Site is developed with a commercial/residential building constructed in 1957. Operations have included dry cleaning since at least 1985. The Site was vacant land prior to construction of the existing building.

d. Adjacent Property Uses

Direction	Current Use	Apparent Past Use	Comments/Concerns
North:	Residential	Same	None
South:	Aaron's Rental	Automotive repair and gasoline station	Such operations can result in impacts to the environment.
East:	Vacant lot	Dry cleaning	Dry cleaning can result in impacts to the environment.
West:	Commercial/Residential	Same	None

e. Summary of Previous Study

Prior to completion of the Phase II investigation, RJS, completed a Transaction Screen Environmental Site Assessment, dated June 29, 2011. Based on the current/historic use of the Site as a dry cleaner, RJS recommended completion of a Phase II (intrusive) study to assess subsurface conditions. RJS also recommended completion of an indoor air study as intrusive study was limited to the northern portion of the Site (the existing building occupies remaining portions of the Site). Results associated with the intrusive investigation and indoor air study are provided below.

4. PHASE II ACTIVITIES

a. Scope of Assessment

This assessment included the following scope of work.

i. Site Conceptual Model and Sampling Plan

The only accessible area for drilling was a gravel parking lot on the northern portion of the Site. Four soil borings (SB-1 through SB-4) were completed on the northern portion of the Site. Borings were completed using a hydraulically driven rig (Geoprobe) until the desired depth.

Two sub-slab vapor sampling points were installed proximate to the dry cleaning machine. The first point was installed east (assumed down-gradient) of the dry cleaning machine while the second was installed south of the machine.

A site map depicting boring locations and sub-slab sampling points is provided as Figure 2.

ii. Chemical Testing/Laboratory Analysis Plan

Six soil samples were submitted to the laboratory for TCL VOC analysis via USEPA test method 8260. Two air samples were analyzed for VOCs via USEPA Test Method TO-15. VOCs are typically the contaminants of concern associated with dry cleaners.

iii. Deviations from Work Plan

There were no significant deviations from the work plan prepared by RJS. However, as noted above, additional soil samples were collected to account for the lack of water within installed monitoring wells. In addition, there was no soil recovery at three intervals associated with three different borings.

b. Field Explorations and Methods

i. Test Borings

Four test borings (SB-1 through SB-4) were completed by Russo Development, Inc. (Russo), using a hydraulically driven percussion soil sampler manufactured by Geoprobe® on July 20, 2011. Borings were completed in the gravel parking area north of the existing building. The borings were advanced in four foot intervals until the desired depth, 16 ftbg, was reached. Equipment refusal was not encountered during the work. Upon completion, each boring was backfilled with soil cuttings. Boring logs are included in Appendix A.

ii. Sub-slab Air Sampling Points

Russo installed two sub-slab sampling points using an electric rotary hammer drill with a one-inch diameter concrete drill bit on July 20, 2011. Each point was drilled until the soil/sub-base was reached beneath the concrete floor, approximately six inches below grade. Additional information relative to the sampling completed is provided below.

iii. Monitoring Well Installations

While two temporary monitoring wells were installed, such did not produce sufficient amounts of groundwater for sampling.

c. Sampling and Chemical Analyses and Methods

i. Soil

Soil samples were characterized using visual and olfactory senses as well as screened using a PID. The test borings utilized pre-cleaned/decontaminated macrocore samplers, equipped with a new plastic inner liner, advanced by the Geoprobe® rig to the desired depth. The four foot liner was removed from the macrocore and opened with a utility knife followed by placing the soil in sample bags (prior to being screened). The soil characterization and PID information were recorded on the boring logs, which are included in Appendix A.

Soil samples selected for laboratory analysis were placed into the appropriate laboratory-supplied sample containers. The containers were sealed and labeled with the project name, sample location identifier, date and technician initials. The sample was then placed into an iced cooler for storage prior to shipment to Accutest Laboratories of Marlborough, Massachusetts (Accutest); Accutest is included in the National Environmental Laboratory Accreditation Program (NELAP).

A standard chain-of-custody form was completed to document the samples submitted to the laboratory; such identified the sample, location identification, date/time collected and analyses to be completed. The form was then signed by the sampling technician when the samples were relinquished to the laboratory.

Six soil samples were selected for laboratory analysis. The rationale for the samples and testing completed are presented below.

Sample ID	PID Reading (ppm)	Reason Sample Selected for Analysis	Analyses Completed
SB-1 (8-10')	300	Elevated PID reading and suspect solvent odor.	TCL VOCs
SB-2 (8-10')	159	Elevated PID reading and suspect solvent odor.	
SB-2 (14-16')	89.6	Elevated PID readings and vertical delineation purposes.	
SB-3 (8-10')	150	Elevated PID reading and suspect solvent odor.	
SB-4 (6-8')	257	Elevated PID reading and suspect solvent odor.	
SB-4 (14-16')	53.6	Elevated PID readings and vertical delineation purposes.	

ppm = parts per million

Analytical results associated with the above samples are discussed below.

ii. Air

As indicated above, two sub-slab sampling points were installed proximate to the dry cleaning machine/vapor barrier room using an electric rotary hammer drill. Once each hole was drilled, sections of polypropylene tubing were inserted into the holes and the annular space was filled and sealed with modeling clay. In order to verify that no indoor air has been drawn into the sub-slab sample, a helium trace chamber was setup prior to connection of the Summa canisters. Once it was confirmed that no indoor air was intruding into the sampling points, the Summa canisters were connected to the polypropylene tubing.

Sample ID	Location	Test Start Time	Test Stop Time	Comments
Sub-Slab 1	East/down-gradient of dry cleaning machine/vapor barrier room.	0756	1556	None
Sub-Slab 2	South of dry cleaning machine/vapor barrier room.	0801	1601	None

Note that while indoor air samples would typically be collected as part of an indoor air study, such was not completed as part of this investigation as results would be skewed due to active dry cleaning with use of solvents.

5. EVALUATION AND PRESENTATION OF RESULTS

The results of this Phase II study are summarized as follows.

a. Subsurface Conditions

Details of the subsurface soil conditions are described within the boring logs included in Appendix A. Generally, all of the borings encountered native silty clay soils or combinations of silt, clay and gravel to depths of at least 16 ftbg. Fill material consisting of gravel and brick was noted to depths of at least four ftbg at three boring locations.

Increasing amounts of moisture was evident between 8 and 12 ftbg. As previously indicated, while two temporary monitoring wells were installed, such did not produce sufficient amounts of groundwater for sampling.

Regarding sub-slab sampling points, the purpose was to assess the air beneath the building slab only, thus subsurface soil/water conditions beneath the building are unknown.

b. Field Observations and Screening

Suspect solvent odors were noted at each boring at depths ranging between 1 and 12 ftbg.

Most soil samples collected during the work had PID readings typically above ambient air (0.0 ppm). The highest PID reading, associated with SB-1 (8-10'), was 300 ppm. This sample was selected for laboratory analysis due to the elevated PID reading. Analytical results associated with this sample and additional samples selected for analysis are described below.

c. Analytical Data

Tabulated analytical testing results are provided as Table 1 (soil) and Table 2 (air). The complete laboratory analytical data reports are provided in Appendix B.

i. Soil

New York State has several soil guidance values depending on the nature and intended use of the Site. In this instance, as the Site includes residential use, RJS used Part 375 Protection of Public Health/Restricted Use (Residential) SCOs for comparison of the soils selected for analysis. [It should be noted that these objectives are intended for remediation of Brownfields sites under NYSDEC oversight. While the NYSDEC does not have any soil standards for sites such as this, it is common practice to use these objectives for guidance.]

PCE, a VOC compound typically associated with dry cleaning solvents, was identified above NYSDEC SCOs at each soil boring at depths ranging between 6 and 16 ftbg.

ii Air

Analytical results were compared to the NYSDOH decision matrices presented in the "NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York," dated October 2006, and the NYSDOH June 2007 letter/addendum. Compounds associated with the matrices include carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, PCE, 1,1,1-trichloroethane, TCE and vinyl chloride. [Although numerous VOC compounds were part of the TO-15 analysis, only the aforementioned compounds have NYSDOH guidance values/action levels.] Details relative to the sub-slab sample results are presented below.

Three VOCs, cis-1,2-dichloroethylene, PCE and TCE, were identified significantly above NYSDOH action levels presented in the decision matrices. As such, it is likely that impacts extend beneath the existing structure.

6. DISCUSSION OF FINDINGS AND CONCLUSIONS

The results of the Phase II environmental site assessment are presented below.

a. Recognized Environmental Conditions

The solvent impact identified at the Site is considered a significant recognized environmental condition (REC) and is believed to have originated from the current/historic use of the Site as a dry cleaner.

b. Affected Media

Solvent impacted soil was identified in all borings completed north of the building. Solvent impacted air was also identified below the slab of the existing building. Impact to groundwater would be anticipated. As such, it is likely that soils beneath the existing structure have also been impacted by solvents. RJS is unsure if the solvent impacts are from beneath the dry cleaning machine or improper handling.

c. Evaluation of Media Quality

Based on the significant concentrations of VOCs/solvent related analytes identified, impacts are likely widespread and are likely present on portions of the site not investigated by RJS. Additional intrusive study would be warranted to delineate impacted soil and groundwater.

d. Other Concerns

It is probable that impacts have migrated off-site. Therefore, soil/groundwater impact and associated vapor intrusion is a significant concern, especially as the existing structure includes apartment units and residential properties are located proximate to the Site.

7. RECOMMENDATIONS

Significant solvent-related impacts were identified in connection with the Site. Further work would be required to fully assess the extent of impact and costs associated with remediating the impacted soils. Based on our understanding of the transaction, it is likely that the investigation and remedial costs would approach or even exceed the loan amount.

While the regulations do not clearly require notification of the Site's conditions by its consultant, RJS is very concerned about the potential for indoor air contamination within proximate residential houses. Such could be perceived as an "imminent threat" to human health which, RJS understands, is reportable to the state. RJS recommends that the seller discuss this with their counsel and assure that the NYSDEC is made aware of the results of this study. If the site owner does not make a report to the state, RJS will feel required to do so.

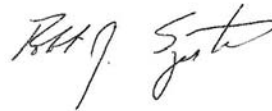
8. SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

We trust that this report satisfies your current needs. Should you have any questions, please contact the undersigned at 716-312-8296.

RJS ENVIRONMENTAL



Bryan Mayback
Sr. Project Manager



Robert J. Szustakowski
President

TABLES

TABLE 1								
Project:		Time 1-Hour Cleaners, 2526 Pine Avenue, Niagara Falls, NY						
Project Number:		11RJS226.5						
Sample ID:	Unit of Measurement	Part 375 Restricted Residential Use SCOs*	SB-1 (8'-10')	SB-2 (14'-16')	SB-2 (8'-10')	SB-3 (8'-10')	SB-4 (14'-16')	SB-4 (6'-8')
REC			Current/Historic Dry Cleaner					
Date Sampled:			7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011
PID Reading (ppm)			300	89.6	159	150	53.6	257
VOCs (SW846 8260B)								
1,1-Dichloroethane	ug/kg	19000	ND (170)	157	ND (160)	ND (160)	ND (95)	ND (140)
cis-1,2-Dichloroethene	ug/kg	59000	1520	201	368	1810	362	266
Tetrachloroethene	ug/kg	5500	373000	7920	66700	26800	26200	114000
1,1,1-Trichloroethane	ug/kg	100000	1110	ND (110)	ND (160)	ND (160)	ND (95)	ND (140)
Trichloroethene	ug/kg	10000	1580	335	990	3140	1070	429

Notes:

Only analytes detected are shown in the table above. Refer to the laboratory report for a complete list of analytes.

*Residential restricted use soil cleanup objectives (SCOs) as presented in 6 NYCRR Part 375-6.8(b), - dated December 14, 2006 (effective date).

REC = recognized environmental condition

PID = photo-ionization detector

ppm = parts per million

VOCs = volatile organic compounds

ug/kg = micrograms per kilogram

ND = not detected/below laboratory detection limit

= analyte detected above NYSDEC guidance value.

= analyte detected below NYSDEC guidance value.

TABLE 2				
Project:		Time 1-Hour Cleaners, 2526 Pine Avenue, Niagara Falls, NY		
Project Number:		11RJS226.5		
Sample ID:	Unit of Measurement	SUB SLAB 1	SUB SLAB 2	NYSDOH Decision Matrices (no further action)*
Date Sampled:		7/20/2011	7/20/2011	
Matrix:		Air	Air	
VOCs (TO-15)				
Acetone	ug/m3	65.6	290	NS
Bromodichloromethane	ug/m3	312	ND (330)	NS
Chloroform	ug/m3	147	ND (240)	NS
cis-1,2-Dichloroethylene	ug/m3	130	718	<100
Hexachlorobutadiene	ug/m3	ND (110)	753	NS
Tetrachloroethylene	ug/m3	83400	44600	<100
Toluene	ug/m3	161	288	NS
Trichloroethylene	ug/m3	21400	20700	<5
m,p-Xylene	ug/m3	72.5	1960	NS
o-Xylene	ug/m3	ND (43)	608	NS
Xylenes (total)	ug/m3	91.6	2570	NS

Notes:

Only detected analytes are shown in the table above. Refer to the laboratory report for a complete list of analytes.

While numerous analytes were detected as part of the TO-15 analysis, only select analytes - have guidance values as presented above.

NYSDOH = New York State Department of Health

VOCs = volatile organic compounds

ug/m3 or mcg/m3 = micrograms per cubic meter

ND = not detected

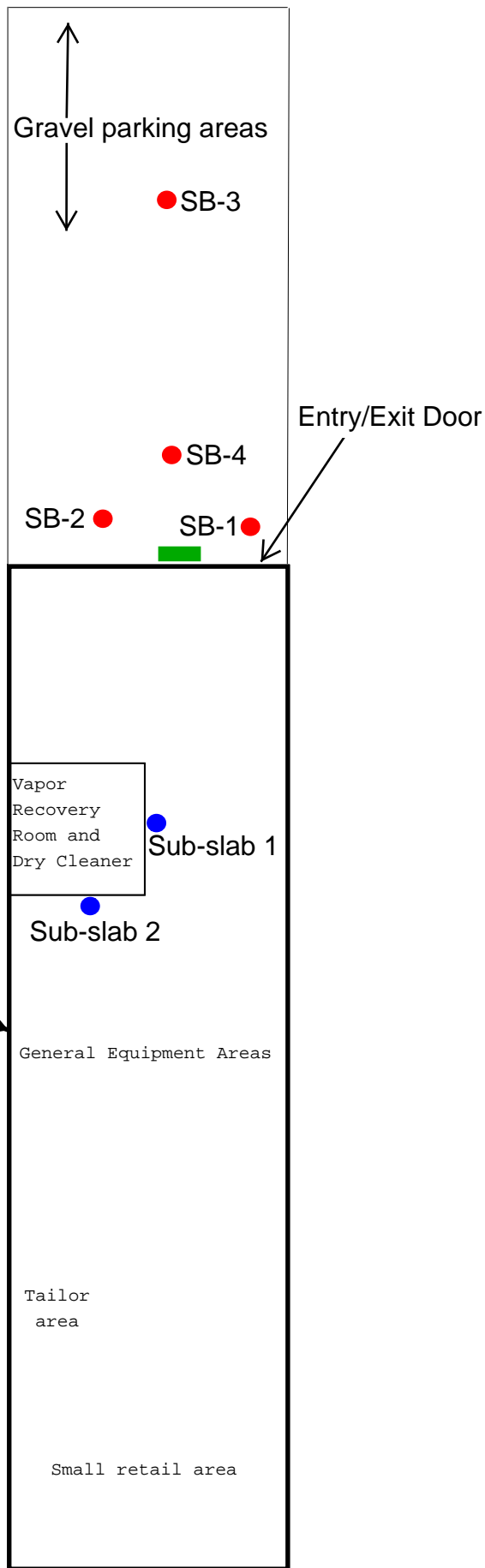
NS = not specified

*NYSDOH values as presented in Matrices 1 and/or 2 of the document entitled Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006.

Compounds associated with the decision matrices were also presented in a NYSDOH letter dated June 2007.

 = compound detected above NYSDOH action levels.

FIGURES






Existing Structure

FIGURE 1
Site Map
11RJS226.5
2526 Pine Ave
Niagara Falls, NY

Approximate Scale in feet



Key

-  Sub-slab sampling point
-  Boring location
-  Fuel oil AST



Center: 43.0952°N 79.031°W
 Elevation at center: 577 feet (176 meters)
 Quad: USGS Niagara Falls

FIGURE 2
 Topographic Map
 11RJS226.5
 2526 Pine Ave
 Niagara Falls, NY

APPENDIX A

SUBSURFACE EXPLORATION LOGS

DRILLING LOG OF WELL/BORING NO. SB-1

Page 1 of 4

Project Number: 11RJS226.5	Total Depth of Hole: 16 feet below grade (ftbg)
Project Location: 2526 Pine Avenue, Niagara Falls, Niagara County, New York	Ground Elevation: NA
Boring Location: North of rear entry/exit doorway	Water Encountered: NA
Date Start/Finished: July 20, 2011	Water At End of Drilling: NA
Drilling Contractor: Russo Development, Inc.	Equipment: Geoprobe
Drilling Method: Hydraulically driven system (Geoprobe)	Technician: Kelly Reidy

Elevation	Depth	Well Completion Diagram	Soil/Rock Description	Boring Count	Blow Count	Parts Per Million (PPM)	Remarks
			Ground Surface		(Feet)	(Inches)	
NA	1		0- 1 ftbg: Gravel/stone top layer		0-4	124	0
	5		1-5 ftbg: Brown silty Clay (moist, low plasticity, medium stiff)		4-6	139	20
			5-9 ftbg: Brown silty Clay (moist , medium plasticity, medium stiff)		6-8	286	20
	10		9-10 ftbg: Brown silty Clay (moist, high plasticity, soft)		8-10	300	24
					10-12	102	24
			10-16: Brown silty Clay with angular gravel (moist, high plasticity, soft)		12-14	30.8	17
	15				14-16	0	17

Note: A temporary well was installed, however, such did not produce a sufficient amount of groundwater for sampling.

Boring Location Sketch


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DRILLING LOG OF WELL/BORING NO. SB-2

Page 1 of 4

Project Number: 11RJS226.5	Total Depth of Hole: 16 feet below grade (ftbg)
Project Location: 2526 Pine Avenue, Niagara Falls, Niagara County, New York	Ground Elevation: NA
Boring Location: Near northwest corner of the building	Water Encountered: NA
Date Start/Finished: July 20, 2011	Water At End of Drilling: NA
Drilling Contractor: Russo Development, Inc.	Equipment: Geoprobe
Drilling Method: Hydraulically driven system (Geoprobe)	Technician: Kelly Reidy

E l e v a t i o n	D e p t h	Well Completion Diagram	Soil/Rock Description	B l o w C o u n t s	I n t e r v a l	P l o t R e a d i n g	R e c o v e r y	Comments	
Ground Surface					(Feet)	Parts Per Million (PPM)	(Inches)		
NA	1	NA	0-4 ftbg: Gravel/stone top layer and fill material cosisting mainly of angular gravel and brick	NA	0-4	No/limited Recovery	0	Slight suspect solvent odors noted between 7 and 10 ftbg.	
	5				4-6	134	17		
					6-8	83.2	17		
	10				8-10	159	24		
					10-12	151	24		
					12-14	72.4	17		
	15				12-16 ftbg: Brown silty Clay with angular gravel (moist, medium plasticity, medium stiff)	14-16	89.6		17
	Note: A well was installed, however, such did not produce a sufficient amount of groundwater for sampling.								

Boring Location Sketch


RJS Environmental

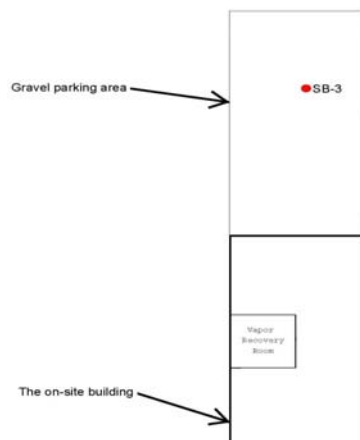
DRILLING LOG OF WELL/BORING NO. SB-3

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Project Number: 11RJS226.5	Total Depth of Hole: 16 feet below grade (ftbg)
Project Location: 2526 Pine Avenue, Niagara Falls, Niagara County, New York	Ground Elevation: NA
Boring Location: Northern parking lot area	Water Encountered: NA
Date Start/Finished: July 20, 2011	Water At End of Drilling: NA
Drilling Contractor: Russo Development, Inc.	Equipment: Geoprobe
Drilling Method: Hydraulically driven system (Geoprobe)	Technician: Kelly Reidy

E l e v a t i o n	D e p t h	Well Completion Diagram	Soil/Rock Description	B l o w C o u n t s	I n t e r v a l	P l o t R e c o v e r y	R e c o v e r y	Comments
Ground Surface				(Feet)	Parts Per Million (PPM)	(Inches)		
NA	1	NA	0-4 ftbg: Gravel/stone top layer and fill material consisting mainly of angular gravel and brick	NA	0-4	No/limited recovery	0	Slight suspect solvent odors noted between 7 and 9 ftbg.
	5		4-5 ftbg: Brown silty Clay with gray mottles (moist, low plasticity, medium stiff)		4-6	181	24	
			5-7 ftbg: Brown silty Clay (moist, medium plasticity, medium stiff)		6-8	113	24	
	10		7-9 ftbg: Brown silty Clay with gray mottles (moist, low plasticity, medium stiff)		8-10	150	24	
			9-12 ftbg: Brown silty Clay (moist, medium plasticity, medium stiff)		10-12	109	24	
					12-14	115	10	
	15		12-16 ftbg: Brown silty Clay with angular gravel (moist, low plasticity, medium stiff)		14-16	50.7	10	

Boring Location Sketch


RJS Environmental

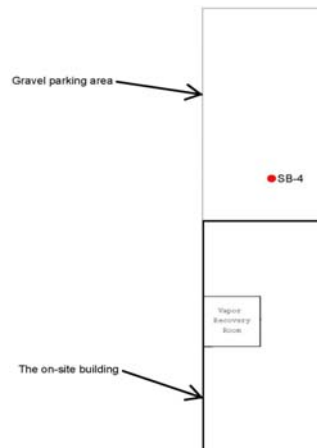
DRILLING LOG OF WELL/BORING NO. SB-4

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Project Number: 11RJS226.5	Total Depth of Hole: 16 feet below grade (ftbg)
Project Location: 2526 Pine Avenue, Niagara Falls, Niagara County, New York	Ground Elevation: NA
Boring Location: North of existing building	Water Encountered: NA
Date Start/Finished: July 20, 2011	Water At End of Drilling: NA
Drilling Contractor: Russo Development, Inc.	Equipment: Geoprobe
Drilling Method: Hydraulically driven system (Geoprobe)	Technician: Kelly Reidy

E l e v a t i o n	D e p t h	Well Completion Diagram	Soil/Rock Description	B l o w C o u n t s	I n t e r v a l	P l o t R e a d i n g	R e c o r d i n g	Comments
Ground Surface					(Feet)	Parts Per Million (PPM)	(Inches)	
NA	1	NA	0-4 ftbg: Gravel/stone top layer and fill material consisting mainly of angular gravel and brick	NA	0-4	NA	10	Slight suspect solvent odors noted between 6 and 8 ftbg.
	5		4-6 ftbg: Brown silty Clay (moist, low plasticity, medium stiff)		4-6	138	24	
			6-8 ftbg: Brown silty Clay (moist, medium plasticity, soft)		6-8	257	24	
	10		8-12 ftbg: Brown silty Clay (moist, high plasticity, soft)		8-10	188	24	
					10-12	173	24	
					12-14	56.5	15	
	15		12-16 ftbg Brown silty Clay (moist, low plasticity, soft)		14-16	53.6	15	

Boring Location Sketch


RJS Environmental

APPENDIX B

LABORATORY ANALYTICAL REPORT



08/03/11

Technical Report for

RJS Environmental

Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY

11RJS226.5

Accutest Job Number: MC2131

Sampling Date: 07/20/11

Report to:

RJS Environmental

bmayback@rjsenviro.com

ATTN: Bryan Mayback

Total number of pages in report: **19**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Reza Pand
Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136, SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

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Sample Summary

RJS Environmental

Job No: MC2131

Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY
Project No: 11RJS226.5

Sample Number	Collected		Matrix Code Type	Received	Client Sample ID
	Date	Time By			
MC2131-1	07/20/11	08:11 KR	07/22/11 SO	Soil	SB-1 (8'-10')
MC2131-2	07/20/11	08:40 KR	07/22/11 SO	Soil	SB-2 (8'-10')
MC2131-3	07/20/11	08:40 KR	07/22/11 SO	Soil	SB-2 (14'-16')
MC2131-4	07/20/11	09:20 KR	07/22/11 SO	Soil	SB-3 (8'-10')
MC2131-5	07/20/11	10:00 KR	07/22/11 SO	Soil	SB-4 (6'-8')
MC2131-6	07/20/11	10:00 KR	07/22/11 SO	Soil	SB-4 (14'-16')

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Results

Report of Analysis

Report of Analysis

Page 1 of 2

Client Sample ID:	SB-1 (8'-10')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-1	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	74.1
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K53776.D	1	07/25/11	GK	n/a	n/a	MSK1798
Run #2	K53802.D	1	07/26/11	GK	n/a	n/a	MSK1799

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	9.84 g	10.0 ml	100 ul
Run #2	9.84 g	10.0 ml	5.0 ul

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	430	ug/kg	
71-43-2	Benzene	ND	43	ug/kg	
75-27-4	Bromodichloromethane	ND	170	ug/kg	
75-25-2	Bromoform	ND	170	ug/kg	
74-83-9	Bromomethane	ND	170	ug/kg	
78-93-3	2-Butanone (MEK)	ND	430	ug/kg	
75-15-0	Carbon disulfide	ND	430	ug/kg	
56-23-5	Carbon tetrachloride	ND	170	ug/kg	
108-90-7	Chlorobenzene	ND	170	ug/kg	
75-00-3	Chloroethane	ND	430	ug/kg	
67-66-3	Chloroform	ND	170	ug/kg	
74-87-3	Chloromethane	ND	430	ug/kg	
124-48-1	Dibromochloromethane	ND	170	ug/kg	
75-34-3	1,1-Dichloroethane	ND	170	ug/kg	
107-06-2	1,2-Dichloroethane	ND	170	ug/kg	
75-35-4	1,1-Dichloroethene	ND	170	ug/kg	
156-59-2	cis-1,2-Dichloroethene	1520	170	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	170	ug/kg	
78-87-5	1,2-Dichloropropane	ND	170	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	170	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	170	ug/kg	
100-41-4	Ethylbenzene	ND	170	ug/kg	
591-78-6	2-Hexanone	ND	430	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	430	ug/kg	
75-09-2	Methylene chloride	ND	170	ug/kg	
100-42-5	Styrene	ND	430	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	170	ug/kg	
127-18-4	Tetrachloroethene	373000 a	3400	ug/kg	
108-88-3	Toluene	ND	430	ug/kg	
71-55-6	1,1,1-Trichloroethane	1110	170	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	170	ug/kg	
79-01-6	Trichloroethene	1580	170	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 2

Client Sample ID:	SB-1 (8'-10')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-1	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	74.1
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	170	ug/kg	
1330-20-7	Xylene (total)	ND	170	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	122%	120%	70-130%
2037-26-5	Toluene-D8	107%	104%	70-130%
460-00-4	4-Bromofluorobenzene	101%	115%	70-130%

(a) Result is from Run# 2

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 2

Client Sample ID:	SB-2 (8'-10')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-2	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	79.7
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K53777.D	1	07/25/11	GK	n/a	n/a	MSK1798
Run #2	K53803.D	1	07/26/11	GK	n/a	n/a	MSK1799

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	9.64 g	10.0 ml	100 ul
Run #2	9.64 g	10.0 ml	10.0 ul

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	390	ug/kg	
71-43-2	Benzene	ND	39	ug/kg	
75-27-4	Bromodichloromethane	ND	160	ug/kg	
75-25-2	Bromoform	ND	160	ug/kg	
74-83-9	Bromomethane	ND	160	ug/kg	
78-93-3	2-Butanone (MEK)	ND	390	ug/kg	
75-15-0	Carbon disulfide	ND	390	ug/kg	
56-23-5	Carbon tetrachloride	ND	160	ug/kg	
108-90-7	Chlorobenzene	ND	160	ug/kg	
75-00-3	Chloroethane	ND	390	ug/kg	
67-66-3	Chloroform	ND	160	ug/kg	
74-87-3	Chloromethane	ND	390	ug/kg	
124-48-1	Dibromochloromethane	ND	160	ug/kg	
75-34-3	1,1-Dichloroethane	ND	160	ug/kg	
107-06-2	1,2-Dichloroethane	ND	160	ug/kg	
75-35-4	1,1-Dichloroethene	ND	160	ug/kg	
156-59-2	cis-1,2-Dichloroethene	368	160	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	160	ug/kg	
78-87-5	1,2-Dichloropropane	ND	160	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	160	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	160	ug/kg	
100-41-4	Ethylbenzene	ND	160	ug/kg	
591-78-6	2-Hexanone	ND	390	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	390	ug/kg	
75-09-2	Methylene chloride	ND	160	ug/kg	
100-42-5	Styrene	ND	390	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	160	ug/kg	
127-18-4	Tetrachloroethene	66700 ^a	1600	ug/kg	
108-88-3	Toluene	ND	390	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	160	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	160	ug/kg	
79-01-6	Trichloroethene	990	160	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 2

Client Sample ID:	SB-2 (8'-10')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-2	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	79.7
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	160	ug/kg	
1330-20-7	Xylene (total)	ND	160	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	119%	70-130%
2037-26-5	Toluene-D8	104%	106%	70-130%
460-00-4	4-Bromofluorobenzene	100%	116%	70-130%

(a) Result is from Run# 2

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 2

Client Sample ID:	SB-2 (14'-16')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-3	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K53778.D	1	07/25/11	GK	n/a	n/a	MSK1798
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	11.3 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	270	ug/kg	
71-43-2	Benzene	ND	27	ug/kg	
75-27-4	Bromodichloromethane	ND	110	ug/kg	
75-25-2	Bromoform	ND	110	ug/kg	
74-83-9	Bromomethane	ND	110	ug/kg	
78-93-3	2-Butanone (MEK)	ND	270	ug/kg	
75-15-0	Carbon disulfide	ND	270	ug/kg	
56-23-5	Carbon tetrachloride	ND	110	ug/kg	
108-90-7	Chlorobenzene	ND	110	ug/kg	
75-00-3	Chloroethane	ND	270	ug/kg	
67-66-3	Chloroform	ND	110	ug/kg	
74-87-3	Chloromethane	ND	270	ug/kg	
124-48-1	Dibromochloromethane	ND	110	ug/kg	
75-34-3	1,1-Dichloroethane	157	110	ug/kg	
107-06-2	1,2-Dichloroethane	ND	110	ug/kg	
75-35-4	1,1-Dichloroethene	ND	110	ug/kg	
156-59-2	cis-1,2-Dichloroethene	201	110	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	110	ug/kg	
78-87-5	1,2-Dichloropropane	ND	110	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	110	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	110	ug/kg	
100-41-4	Ethylbenzene	ND	110	ug/kg	
591-78-6	2-Hexanone	ND	270	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	270	ug/kg	
75-09-2	Methylene chloride	ND	110	ug/kg	
100-42-5	Styrene	ND	270	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	110	ug/kg	
127-18-4	Tetrachloroethene	7920	110	ug/kg	
108-88-3	Toluene	ND	270	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	110	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	110	ug/kg	
79-01-6	Trichloroethene	335	110	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 2

Client Sample ID:	SB-2 (14'-16')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-3	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	89.9
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	110	ug/kg	
1330-20-7	Xylene (total)	ND	110	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		70-130%
2037-26-5	Toluene-D8	109%		70-130%
460-00-4	4-Bromofluorobenzene	102%		70-130%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 2

Client Sample ID:	SB-3 (8'-10')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-4	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	78.2
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K53779.D	1	07/25/11	GK	n/a	n/a	MSK1798
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	9.98 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	390	ug/kg	
71-43-2	Benzene	ND	39	ug/kg	
75-27-4	Bromodichloromethane	ND	160	ug/kg	
75-25-2	Bromoform	ND	160	ug/kg	
74-83-9	Bromomethane	ND	160	ug/kg	
78-93-3	2-Butanone (MEK)	ND	390	ug/kg	
75-15-0	Carbon disulfide	ND	390	ug/kg	
56-23-5	Carbon tetrachloride	ND	160	ug/kg	
108-90-7	Chlorobenzene	ND	160	ug/kg	
75-00-3	Chloroethane	ND	390	ug/kg	
67-66-3	Chloroform	ND	160	ug/kg	
74-87-3	Chloromethane	ND	390	ug/kg	
124-48-1	Dibromochloromethane	ND	160	ug/kg	
75-34-3	1,1-Dichloroethane	ND	160	ug/kg	
107-06-2	1,2-Dichloroethane	ND	160	ug/kg	
75-35-4	1,1-Dichloroethene	ND	160	ug/kg	
156-59-2	cis-1,2-Dichloroethene	1810	160	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	160	ug/kg	
78-87-5	1,2-Dichloropropane	ND	160	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	160	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	160	ug/kg	
100-41-4	Ethylbenzene	ND	160	ug/kg	
591-78-6	2-Hexanone	ND	390	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	390	ug/kg	
75-09-2	Methylene chloride	ND	160	ug/kg	
100-42-5	Styrene	ND	390	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	160	ug/kg	
127-18-4	Tetrachloroethene	26800	160	ug/kg	
108-88-3	Toluene	ND	390	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	160	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	160	ug/kg	
79-01-6	Trichloroethene	3140	160	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 2

Client Sample ID:	SB-3 (8'-10')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-4	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	78.2
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	160	ug/kg	
1330-20-7	Xylene (total)	ND	160	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	121%		70-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 2

Client Sample ID:	SB-4 (6'-8')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-5	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K53780.D	1	07/25/11	GK	n/a	n/a	MSK1798
Run #2	K53804.D	1	07/26/11	GK	n/a	n/a	MSK1799

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.6 g	10.0 ml	100 ul
Run #2	10.6 g	10.0 ml	10.0 ul

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	340	ug/kg	
71-43-2	Benzene	ND	34	ug/kg	
75-27-4	Bromodichloromethane	ND	140	ug/kg	
75-25-2	Bromoform	ND	140	ug/kg	
74-83-9	Bromomethane	ND	140	ug/kg	
78-93-3	2-Butanone (MEK)	ND	340	ug/kg	
75-15-0	Carbon disulfide	ND	340	ug/kg	
56-23-5	Carbon tetrachloride	ND	140	ug/kg	
108-90-7	Chlorobenzene	ND	140	ug/kg	
75-00-3	Chloroethane	ND	340	ug/kg	
67-66-3	Chloroform	ND	140	ug/kg	
74-87-3	Chloromethane	ND	340	ug/kg	
124-48-1	Dibromochloromethane	ND	140	ug/kg	
75-34-3	1,1-Dichloroethane	ND	140	ug/kg	
107-06-2	1,2-Dichloroethane	ND	140	ug/kg	
75-35-4	1,1-Dichloroethene	ND	140	ug/kg	
156-59-2	cis-1,2-Dichloroethene	266	140	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	140	ug/kg	
78-87-5	1,2-Dichloropropane	ND	140	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	140	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	140	ug/kg	
100-41-4	Ethylbenzene	ND	140	ug/kg	
591-78-6	2-Hexanone	ND	340	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	340	ug/kg	
75-09-2	Methylene chloride	ND	140	ug/kg	
100-42-5	Styrene	ND	340	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	140	ug/kg	
127-18-4	Tetrachloroethene	114000 ^a	1400	ug/kg	
108-88-3	Toluene	ND	340	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	140	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	140	ug/kg	
79-01-6	Trichloroethene	429	140	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 2

Client Sample ID:	SB-4 (6'-8')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-5	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	81.8
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	140	ug/kg	
1330-20-7	Xylene (total)	ND	140	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	124%	121%	70-130%
2037-26-5	Toluene-D8	107%	105%	70-130%
460-00-4	4-Bromofluorobenzene	101%	119%	70-130%

(a) Result is from Run# 2

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 2

Client Sample ID:	SB-4 (14'-16')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-6	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	90.1
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K53781.D	1	07/25/11	GK	n/a	n/a	MSK1798
Run #2	K53805.D	1	07/26/11	GK	n/a	n/a	MSK1799

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	13.3 g	10.0 ml	100 ul
Run #2	13.3 g	10.0 ml	20.0 ul

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	240	ug/kg	
71-43-2	Benzene	ND	24	ug/kg	
75-27-4	Bromodichloromethane	ND	95	ug/kg	
75-25-2	Bromoform	ND	95	ug/kg	
74-83-9	Bromomethane	ND	95	ug/kg	
78-93-3	2-Butanone (MEK)	ND	240	ug/kg	
75-15-0	Carbon disulfide	ND	240	ug/kg	
56-23-5	Carbon tetrachloride	ND	95	ug/kg	
108-90-7	Chlorobenzene	ND	95	ug/kg	
75-00-3	Chloroethane	ND	240	ug/kg	
67-66-3	Chloroform	ND	95	ug/kg	
74-87-3	Chloromethane	ND	240	ug/kg	
124-48-1	Dibromochloromethane	ND	95	ug/kg	
75-34-3	1,1-Dichloroethane	ND	95	ug/kg	
107-06-2	1,2-Dichloroethane	ND	95	ug/kg	
75-35-4	1,1-Dichloroethene	ND	95	ug/kg	
156-59-2	cis-1,2-Dichloroethene	362	95	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	95	ug/kg	
78-87-5	1,2-Dichloropropane	ND	95	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	95	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	95	ug/kg	
100-41-4	Ethylbenzene	ND	95	ug/kg	
591-78-6	2-Hexanone	ND	240	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	240	ug/kg	
75-09-2	Methylene chloride	ND	95	ug/kg	
100-42-5	Styrene	ND	240	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	95	ug/kg	
127-18-4	Tetrachloroethene	26200 ^a	470	ug/kg	
108-88-3	Toluene	ND	240	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	95	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	95	ug/kg	
79-01-6	Trichloroethene	1070	95	ug/kg	

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 2

Client Sample ID:	SB-4 (14'-16')	Date Sampled:	07/20/11
Lab Sample ID:	MC2131-6	Date Received:	07/22/11
Matrix:	SO - Soil	Percent Solids:	90.1
Method:	SW846 8260B		
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
75-01-4	Vinyl chloride	ND	95	ug/kg	
1330-20-7	Xylene (total)	ND	95	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	123%	120%	70-130%
2037-26-5	Toluene-D8	105%	109%	70-130%
460-00-4	4-Bromofluorobenzene	99%	116%	70-130%

(a) Result is from Run# 2

ND = Not detected
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (NY)
- Chain of Custody

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC2131 **Client:** RJS ENV **Immediate Client Services Action Required:** No
Date / Time Received: 7/22/2011 **Delivery Method:** **Client Service Action Required at Login:** No
Project: TIME 1 HOUR CLEANERS **No. Coolers:** 1 **Airbill #'s:** N/A

Cooler Security **Y or N** **Y or N**
 1. Custody Seals Present: ☒ ☐ 3. COC Present: ☒ ☐
 2. Custody Seals Intact: ☒ ☐ 4. SmpI Dates/Time OK: ☒ ☐

Cooler Temperature **Y or N**
 1. Temp criteria achieved: ☒ ☐
 2. Cooler temp verification: Infrared gun
 3. Cooler media: Ice (bag)

Quality Control Preservation **Y or N** **N/A**
 1. Trip Blank present / cooler: ☐ ☐ ☒
 2. Trip Blank listed on COC: ☐ ☐ ☒
 3. Samples preserved properly: ☒ ☐
 4. VOCs headspace free: ☐ ☐ ☒

Sample Integrity - Documentation **Y or N**
 1. Sample labels present on bottles: ☒ ☐
 2. Container labeling complete: ☒ ☐
 3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition **Y or N**
 1. Sample recvd within HT: ☒ ☐
 2. All containers accounted for: ☒ ☐
 3. Condition of sample: Intact

Sample Integrity - Instructions **Y or N** **N/A**
 1. Analysis requested is clear: ☒ ☐
 2. Bottles received for unspecified tests: ☐ ☒
 3. Sufficient volume recvd for analysis: ☒ ☐
 4. Compositing instructions clear: ☐ ☐ ☒
 5. Filtering instructions clear: ☐ ☐ ☒

Comments



08/03/11

Technical Report for

RJS Environmental

Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY

11RJS226.5

Accutest Job Number: MC2124

Sampling Date: 07/20/11

Report to:

RJS Environmental

bmayback@rjsenviro.com

ATTN: Bryan Mayback

Total number of pages in report: **15**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Reza Pand
Lab Director

Client Service contact: Jeremy Vienneau 508-481-6200

Certifications: MA (M-MA136, SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

RJS Environmental

Job No: MC2124

Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY
Project No: 11RJS226.5

Sample Number	Collected		Matrix Received	Code Type		Client Sample ID
	Date	Time By				
MC2124-1	07/20/11	15:56 KR	07/22/11	AIR	Soil Vapor Comp.	SUBSLAB-1
MC2124-2	07/20/11	16:01 KR	07/22/11	AIR	Soil Vapor Comp.	SUBSLAB-2

Sample Results

Report of Analysis

Report of Analysis

Page 1 of 3

Client Sample ID:	SUBSLAB-1	Date Sampled:	07/20/11
Lab Sample ID:	MC2124-1	Date Received:	07/22/11
Matrix:	AIR - Soil Vapor Comp.	Summa ID:	M19D407
Method:	TO-15	Percent Solids:	n/a
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J19375.D	20	07/23/11	AA	n/a	n/a	MSJ1034
Run #2	J19385.D	2000	07/25/11	AA	n/a	n/a	MSJ1034

Run #	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	27.6	10	ppbv		65.6	24	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	10	ppbv		ND	22	ug/m3
71-43-2	78.11	Benzene	ND	10	ppbv		ND	32	ug/m3
75-27-4	163.8	Bromodichloromethane	46.6	10	ppbv		312	67	ug/m3
75-25-2	252.8	Bromoform	ND	10	ppbv		ND	100	ug/m3
74-83-9	94.94	Bromomethane	ND	10	ppbv		ND	39	ug/m3
593-60-2	106.9	Bromoethene	ND	10	ppbv		ND	44	ug/m3
100-44-7	126	Benzyl Chloride	ND	10	ppbv		ND	52	ug/m3
75-15-0	76.14	Carbon disulfide	ND	10	ppbv		ND	31	ug/m3
108-90-7	112.6	Chlorobenzene	ND	10	ppbv		ND	46	ug/m3
75-00-3	64.52	Chloroethane	ND	4.0	ppbv		ND	11	ug/m3
67-66-3	119.4	Chloroform	30.2	10	ppbv		147	49	ug/m3
74-87-3	50.49	Chloromethane	ND	10	ppbv		ND	21	ug/m3
107-05-1	76.53	3-Chloropropene	ND	10	ppbv		ND	31	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	10	ppbv		ND	52	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	4.0	ppbv		ND	25	ug/m3
110-82-7	84.16	Cyclohexane	ND	10	ppbv		ND	34	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	4.0	ppbv		ND	16	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	4.0	ppbv		ND	16	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	10	ppbv		ND	77	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	4.0	ppbv		ND	16	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	10	ppbv		ND	46	ug/m3
123-91-1	88	1,4-Dioxane	ND	10	ppbv		ND	36	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	10	ppbv		ND	49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	10	ppbv		ND	85	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	4.0	ppbv		ND	16	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	32.8	4.0	ppbv		130	16	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	10	ppbv		ND	45	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	10	ppbv		ND	60	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	10	ppbv		ND	60	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	10	ppbv		ND	60	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	10	ppbv		ND	45	ug/m3

ND = Not detected

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SUBSLAB-1	Date Sampled:	07/20/11
Lab Sample ID:	MC2124-1	Date Received:	07/22/11
Matrix:	AIR - Soil Vapor Comp.	Summa ID:	M190407
Method:	TO-15	Percent Solids:	n/a
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46	Ethanol	ND	10	ppbv		ND	19	ug/m3
100-41-4	106.2	Ethylbenzene	ND	10	ppbv		ND	43	ug/m3
141-78-6	88	Ethyl Acetate	ND	10	ppbv		ND	36	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	10	ppbv		ND	49	ug/m3
76-13-1	187.4	Freon 113	ND	10	ppbv		ND	77	ug/m3
76-14-2	170.9	Freon 114	ND	10	ppbv		ND	70	ug/m3
142-82-5	100.2	Heptane	ND	10	ppbv		ND	41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	10	ppbv		ND	110	ug/m3
110-54-3	86.17	Hexane	ND	10	ppbv		ND	35	ug/m3
591-78-6	100	2-Hexanone	ND	10	ppbv		ND	41	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	10	ppbv		ND	25	ug/m3
75-09-2	84.94	Methylene chloride	ND	10	ppbv		ND	35	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	10	ppbv		ND	29	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	10	ppbv		ND	41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	10	ppbv		ND	36	ug/m3
115-07-1	42	Propylene	ND	10	ppbv		ND	17	ug/m3
100-42-5	104.1	Styrene	ND	10	ppbv		ND	43	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	4.0	ppbv		ND	22	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	4.0	ppbv		ND	27	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	4.0	ppbv		ND	22	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	10	ppbv		ND	74	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	10	ppbv		ND	49	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	10	ppbv		ND	49	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	10	ppbv		ND	47	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	10	ppbv		ND	30	ug/m3
127-18-4	165.8	Tetrachloroethylene	12300 ^a	400	ppbv		83400 ^a	2700	ug/m3
109-99-9	72	Tetrahydrofuran	ND	10	ppbv		ND	29	ug/m3
108-88-3	92.14	Toluene	42.7	10	ppbv		161	38	ug/m3
79-01-6	131.4	Trichloroethylene	3980 ^a	400	ppbv		21400 ^a	2100	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	10	ppbv		ND	56	ug/m3
75-01-4	62.5	Vinyl chloride	ND	4.0	ppbv		ND	10	ug/m3
108-05-4	86	Vinyl Acetate	ND	10	ppbv		ND	35	ug/m3
	106.2	m,p-Xylene	16.7	10	ppbv		72.5	43	ug/m3
95-47-6	106.2	o-Xylene	ND	10	ppbv		ND	43	ug/m3
1330-20-7	106.2	Xylenes (total)	21.1	10	ppbv		91.6	43	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%	97%	50-129%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID: SUBSLAB-1	Date Sampled: 07/20/11
Lab Sample ID: MC2124-1	Date Received: 07/22/11
Matrix: AIR - Soil Vapor Comp.	Summa ID: M190407
Method: TO-15	Percent Solids: n/a
Project: Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY	

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
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(a) Result is from Run# 2

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	SUBSLAB-2	Date Sampled:	07/20/11
Lab Sample ID:	MC2124-2	Date Received:	07/22/11
Matrix:	AIR - Soil Vapor Comp.	Summa ID:	M18240
Method:	TO-15	Percent Solids:	n/a
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J19389.D	100	07/26/11	AA	n/a	n/a	MSJ1034
Run #2	J19386.D	2000	07/25/11	AA	n/a	n/a	MSJ1034

Run #	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
67-64-1	58.08	Acetone	122	50	ppbv		290	120	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	50	ppbv		ND	110	ug/m3
71-43-2	78.11	Benzene	ND	50	ppbv		ND	160	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	50	ppbv		ND	330	ug/m3
75-25-2	252.8	Bromoform	ND	50	ppbv		ND	520	ug/m3
74-83-9	94.94	Bromomethane	ND	50	ppbv		ND	190	ug/m3
593-60-2	106.9	Bromoethene	ND	50	ppbv		ND	220	ug/m3
100-44-7	126	Benzyl Chloride	ND	50	ppbv		ND	260	ug/m3
75-15-0	76.14	Carbon disulfide	ND	50	ppbv		ND	160	ug/m3
108-90-7	112.6	Chlorobenzene	ND	50	ppbv		ND	230	ug/m3
75-00-3	64.52	Chloroethane	ND	20	ppbv		ND	53	ug/m3
67-66-3	119.4	Chloroform	ND	50	ppbv		ND	240	ug/m3
74-87-3	50.49	Chloromethane	ND	50	ppbv		ND	100	ug/m3
107-05-1	76.53	3-Chloropropene	ND	50	ppbv		ND	160	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	50	ppbv		ND	260	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	20	ppbv		ND	130	ug/m3
110-82-7	84.16	Cyclohexane	ND	50	ppbv		ND	170	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	20	ppbv		ND	81	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	20	ppbv		ND	79	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	50	ppbv		ND	380	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	20	ppbv		ND	81	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	50	ppbv		ND	230	ug/m3
123-91-1	88	1,4-Dioxane	ND	50	ppbv		ND	180	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	50	ppbv		ND	250	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	50	ppbv		ND	430	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	20	ppbv		ND	79	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	181	20	ppbv		718	79	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	50	ppbv		ND	230	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	50	ppbv		ND	300	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	50	ppbv		ND	300	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	50	ppbv		ND	300	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	50	ppbv		ND	230	ug/m3

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	SUBSLAB-2	Date Sampled:	07/20/11
Lab Sample ID:	MC2124-2	Date Received:	07/22/11
Matrix:	AIR - Soil Vapor Comp.	Summa ID:	M18240
Method:	TO-15	Percent Solids:	n/a
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
64-17-5	46	Ethanol	ND	50	ppbv		ND	94	ug/m3
100-41-4	106.2	Ethylbenzene	ND	50	ppbv		ND	220	ug/m3
141-78-6	88	Ethyl Acetate	ND	50	ppbv		ND	180	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	50	ppbv		ND	250	ug/m3
76-13-1	187.4	Freon 113	ND	50	ppbv		ND	380	ug/m3
76-14-2	170.9	Freon 114	ND	50	ppbv		ND	350	ug/m3
142-82-5	100.2	Heptane	ND	50	ppbv		ND	200	ug/m3
87-68-3	260.8	Hexachlorobutadiene	70.6	50	ppbv		753	530	ug/m3
110-54-3	86.17	Hexane	ND	50	ppbv		ND	180	ug/m3
591-78-6	100	2-Hexanone	ND	50	ppbv		ND	200	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	50	ppbv		ND	120	ug/m3
75-09-2	84.94	Methylene chloride	ND	50	ppbv		ND	170	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	50	ppbv		ND	150	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	50	ppbv		ND	200	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	50	ppbv		ND	180	ug/m3
115-07-1	42	Propylene	ND	50	ppbv		ND	86	ug/m3
100-42-5	104.1	Styrene	ND	50	ppbv		ND	210	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	20	ppbv		ND	110	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	20	ppbv		ND	140	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	20	ppbv		ND	110	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	50	ppbv		ND	370	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	50	ppbv		ND	250	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	50	ppbv		ND	250	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	50	ppbv		ND	230	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	50	ppbv		ND	150	ug/m3
127-18-4	165.8	Tetrachloroethylene	6580 ^a	400	ppbv		44600 ^a	2700	ug/m3
109-99-9	72	Tetrahydrofuran	ND	50	ppbv		ND	150	ug/m3
108-88-3	92.14	Toluene	76.5	50	ppbv		288	190	ug/m3
79-01-6	131.4	Trichloroethylene	3860	20	ppbv		20700	110	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	50	ppbv		ND	280	ug/m3
75-01-4	62.5	Vinyl chloride	ND	20	ppbv		ND	51	ug/m3
108-05-4	86	Vinyl Acetate	ND	50	ppbv		ND	180	ug/m3
	106.2	m,p-Xylene	451	50	ppbv		1960	220	ug/m3
95-47-6	106.2	o-Xylene	140	50	ppbv		608	220	ug/m3
1330-20-7	106.2	Xylenes (total)	592	50	ppbv		2570	220	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%	122%	50-129%

ND = Not detected

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	SUBSLAB-2	Date Sampled:	07/20/11
Lab Sample ID:	MC2124-2	Date Received:	07/22/11
Matrix:	AIR - Soil Vapor Comp.	Summa ID:	M18240
Method:	TO-15	Percent Solids:	n/a
Project:	Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY		

CAS No.	MW	Compound	Result	RL	Units	Q	Result	RL	Units
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(a) Result is from Run# 2

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (NY)
- Chain of Custody
- Summa Canister and Flow Controller Log

Parameter Certification Exceptions

Page 1 of 1

Job Number: MC2124

Account: RJSNYB RJS Environmental

Project: Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
Acetone	67-64-1	TO-15	AIR	Certified by SOP MMS294/GC-MS
Bromodichloromethane	75-27-4	TO-15	AIR	Certified by SOP MMS294/GC-MS
Bromoethene	593-60-2	TO-15	AIR	Certified by SOP MMS294/GC-MS
2-Chlorotoluene	95-49-8	TO-15	AIR	Certified by SOP MMS294/GC-MS
Cyclohexane	110-82-7	TO-15	AIR	Certified by SOP MMS294/GC-MS
Dibromochloromethane	124-48-1	TO-15	AIR	Certified by SOP MMS294/GC-MS
Dichlorodifluoromethane	75-71-8	TO-15	AIR	Certified by SOP MMS294/GC-MS
4-Ethyltoluene	622-96-8	TO-15	AIR	Certified by SOP MMS294/GC-MS
Ethanol	64-17-5	TO-15	AIR	Certified by SOP MMS294/GC-MS
Ethyl Acetate	141-78-6	TO-15	AIR	Certified by SOP MMS294/GC-MS
Freon 113	76-13-1	TO-15	AIR	Certified by SOP MMS294/GC-MS
Freon 114	76-14-2	TO-15	AIR	Certified by SOP MMS294/GC-MS
2-Hexanone	591-78-6	TO-15	AIR	Certified by SOP MMS294/GC-MS
Heptane	142-82-5	TO-15	AIR	Certified by SOP MMS294/GC-MS
Isopropyl Alcohol	67-63-0	TO-15	AIR	Certified by SOP MMS294/GC-MS
Propylene	115-07-1	TO-15	AIR	Certified by SOP MMS294/GC-MS
1,2,4-Trimethylbenzene	95-63-6	TO-15	AIR	Certified by SOP MMS294/GC-MS
1,3,5-Trimethylbenzene	108-67-8	TO-15	AIR	Certified by SOP MMS294/GC-MS
Tertiary Butyl Alcohol	75-65-0	TO-15	AIR	Certified by SOP MMS294/GC-MS
Tetrahydrofuran	109-99-9	TO-15	AIR	Certified by SOP MMS294/GC-MS
Trichlorofluoromethane	75-69-4	TO-15	AIR	Certified by SOP MMS294/GC-MS
m,p-Xylene		TO-15	AIR	Certified by SOP MMS294/GC-MS
o-Xylene	95-47-6	TO-15	AIR	Certified by SOP MMS294/GC-MS



CHAIN OF CUSTODY

Air Sampling Field Data Sheet

FED-EX Tracking #

Bottle Order Control #

PAGE 1 OF 1

Lab Quote #

Lab Job #

MC2124

Company Name		Client / Reporting Information		Project Name		Weather Parameters		Requested Analysis							
RJS Environmental		Project Name: Time 1-Hour Cleaners		Temperature (Fahrenheit)		Start: Maximum:		Standard TO-15 Reporting List MA DEP APH							
Address: 4169 Allendale Parkway		Street: 2526 Pine Avenue		Stop: Minimum:											
City: Blasdell State: New York Zip: 14219		City: Niagara Falls State: New York		Atmospheric Pressure (inches of Hg)		Start: Maximum:									
Project Contact: Bryan Mayback E-mail: Kreidy@RJSenviro.com		Project # 11RJS226.5		Stop: Minimum:											
Phone # (716)649-9718 Fax # (716)312-8092		Client Purchase Order #		Other weather comment:											
Sampler(s) Name(s): Kelly Reidy		Air Type		Sampling Equipment Info		Start Sampling Information		Stop Sampling Information							
Lab Sample #	Field ID / Point of Collection	Indoor(T) Soil Vap(SV) Ambient(A)	Canister Serial #	Canister Size (L or TL)	Flow Controller Serial #	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.
1	SubSlab-1	SV	MO27	60	MC05	7/20/11	0756	31	80	KR	7/20/11	1556	2	75	KR
2	SubSlab-2	SV	MO4	60	MC147	7/20/11	0801	28	80	KR	7/20/11	1601	0	75	KR
Turnaround Time / Business days		Approved By:		Data:		Comm A		Comm B		Full T1		Other:		Comments / Remarks	
Standard - 15 Days 10 Day 5 Day - <u>FE</u> 3 Day - <u>CONTACT</u> 2 Day 1 Day Other														AMB	
Sample Custody must be documented below each time samples change possession, including courier delivery.															
Relinquished by: 1 <u>Bryan Mayback</u>	Date/Time: 7/21/11 11:40	Received By: 1 <u>Kelly Reidy</u>	Date/Time: 7/21/11 16:30	Relinquished By: 2 <u>FED EX</u>	Date/Time: 7/21/11 10:00	Received By: 2 <u>Kelly Reidy</u>	Date/Time: 7/21/11 10:00	Relinquished By: 3 <u>FED EX</u>	Date/Time: 7/21/11 10:00	Received By: 3 <u>Kelly Reidy</u>	Date/Time: 7/21/11 10:00	Relinquished By: 4 <u>FED EX</u>	Date/Time: 7/21/11 10:00	Received By: 4 <u>Kelly Reidy</u>	Date/Time: 7/21/11 10:00
Relinquished by: 3	Date/Time: 7/21/11 10:00	Received By: 3	Date/Time: 7/21/11 10:00	Relinquished By: 4	Date/Time: 7/21/11 10:00	Received By: 4	Date/Time: 7/21/11 10:00	Relinquished By: 5	Date/Time: 7/21/11 10:00	Received By: 5	Date/Time: 7/21/11 10:00	Relinquished By: 6	Date/Time: 7/21/11 10:00	Received By: 6	Date/Time: 7/21/11 10:00
Relinquished by: 5	Date/Time: 7/21/11 10:00	Received By: 5	Date/Time: 7/21/11 10:00	Relinquished By: 6	Date/Time: 7/21/11 10:00	Received By: 6	Date/Time: 7/21/11 10:00	Relinquished By: 7	Date/Time: 7/21/11 10:00	Received By: 7	Date/Time: 7/21/11 10:00	Relinquished By: 8	Date/Time: 7/21/11 10:00	Received By: 8	Date/Time: 7/21/11 10:00

SM013-01 (2/14/06)

Accutest Laboratories of New England

Tel: (508) 481-6200
Fax: (508) 481-7753

MC2124: Chain of Custody

Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC2124

Client: RJS ENV

Immediate Client Services Action Required: No

Date / Time Received: 7/22/2011

Delivery Method:
Client Service Action Required at Login: No

Project: NIAGARA FALLS

No. Coolers: 0

Airbill #'s: N/A

Cooler Security
Y or N
Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature
Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | Infrared gun | |
| 3. Cooler media: | Ice (bag) | |

Quality Control Preservation
Y or N
N/A

- | | | | |
|---------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Sample Integrity - Documentation
Y or N

- | | | |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Sample Integrity - Condition
Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | Intact | |

Sample Integrity - Instructions
Y or N N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Comments

Summa Canister and Flow Controller Log

Page 1 of 1

Job Number: MC2124
Account: RJSNYB RJS Environmental
Project: Time 1-Hour Cleaners 2526 Pine Ave. Niagara Falls, NY
Received: 07/22/11

SUMMA CANISTERS													
Shipping							Receiving						
Summa ID	Vac L	Date " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
M027	6	29.4	07/14/11	AA	CP1071	J19263A.D	MC2124-1	07/23/11	AA	.5			1
M014	6	29.4	07/14/11	AA	CP1071	J19263A.D	MC2124-2	07/23/11	AA	.5			1

Accutest Bottle Order(s):
AA/7-14-11/RJS/NIAGRA FALLS

Prep Date Room Temp(F) Bar Pres "Hg
07/14/11 70 29.92