

PHASE II ENVIRONMENTAL INVESTIGATION

**BELLE CLEANERS & LAUNDRY
40 PURCHASE STREET, RYE, NY**

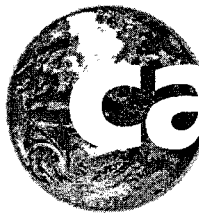
Submitted: February 2005

Prepared for:

**BELLE CLEANERS & LAUNDRY
40 PURCHASE STREET, RYE, NY**

Prepared by:

**CA RICH CONSULTANTS, INC.
17 Dupont Street
Plainview, New York 11803**



RICH
ENVIRONMENTAL SPECIALISTS

February 24, 2005

BELLE CLEANERS AND LAUNDRY
40 Purchase Street
Rye, NY 10580

Attention: James J. Kim

RE: SUMMARY REPORT
Environmental Testing in Response to
Reported Release (Spill No. 0406235)
Belle Cleaners and Laundry
40 Purchase Street, Rye, NY 10580

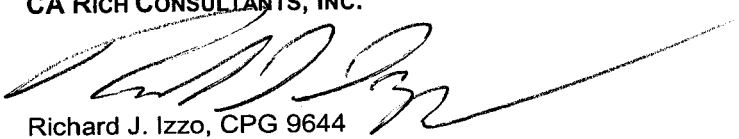
Dear Mr. Kim

Please find our attached Summary Report for the above-captioned project. As discussed in the attached Report, results of this most recent Phase II investigation indicate the presence of low levels of volatile organic compounds (VOCs) in sub-slab soil gas and groundwater underlying the building at concentrations and an areal extent indicative of residual impacts from low-level historical releases or waste handling practices. Recommendations for further action are limited to one year of quarterly air, soil vapor and groundwater monitoring.

Thank you for this opportunity to provide you with our professional services. If you have questions or need for any additional detail, please feel free to contact the undersigned.

Respectfully submitted,

CA RICH CONSULTANTS, INC.


Richard J. Izzo, CPG 9644
Associate

RJI/tk
Attachments

cc:
Craig Tompkins – Bohler Engineering
Keith T. D'Ambrosio – Whitestone Associates
Ram Pergadia - NYSDEC

Hdrive/projects/bellecleaners/cl

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1.0 EXECUTIVE SUMMARY

CA Rich Consultants, Inc. (CA RICH) was retained by Belle Cleaners and Laundry (the Client) to conduct Phase II testing at their Property located at 40 Purchase Street, Rye, NY. The Property has been utilized in excess of forty years as a dry cleaning establishment. This testing was conducted under the auspices of the New York State Department of Environmental Conservation (NYSDEC) in response to the detection (during a previous Phase II study) of the dry-cleaning related chlorinated volatile organic compound (CVOC) perchloroethylene (PCE) in subsurface soil and groundwater at one location immediately adjacent (east) to the on-site building. The PCE detection prompted a call by the Property owner to the NYSDEC Spill Hotline and subsequent issuance of Spill Number 0408235.

The scope of this on-site testing program included installation of four soil borings: one in the location of the previous PCE detection and three through the basement slab of the on-site building. Two soil samples were collected from soils recovered beneath the basement slab. Each boring location was converted to a one-inch diameter microwell for collection and analysis of groundwater samples. In addition, two indoor air quality samples were collected from within the basement of the building along with one exterior "ambient" air sample and two sub-slab soil vapor samples.

Results of this most recent Phase II investigation indicate the presence of low levels of volatile organic compounds (VOCs) in sub-slab soil gas and groundwater underlying the building at concentrations and an areal extent indicative of residual impacts from low-level historical releases or waste handling practices.

Recommendations for further action are limited to one year of quarterly air, soil vapor and groundwater monitoring.

2.0 INTRODUCTION AND BACKGROUND

This Report summarizes the recent environmental testing at the former Belle Cleaners located at 40 Purchase Street, Rye, NY (the Site). The scope of the Phase II testing was based upon our review of the recent Phase I and Phase II ESA by Whitestone Associates, Inc., discussions with the Property owner, Mr. James Kim, a telephone conversation with Mr. Ram Pergadia of the New York State Department of Environmental Conservation (NYSDEC), and our cursory site visit conducted on 11-8-04.

The Phase I and Phase II was conducted by Whitestone Associates, Inc. prior to the execution of a lease agreement for the Property between Mr. Kim and Commerce Bank, N.A which plans on demolishing the on-site building and constructing and occupying a new bank building. The property is currently vacant but has been used as a dry cleaning establishment for over 40 years. More recently, the southern portion of the on-site building has been used as a nail salon.

The Whitestone Associates, Inc. Phase I and Phase II identified the presence of low levels of Perchloroethylene (PCE) and its related degradation "daughter" byproducts in the subsurface soil and groundwater immediately adjacent (east) of the building. In addition, low levels of petroleum-related and fill-related constituents were also detected. As recommended by Whitestone Associates, Inc., the NYSDEC Region 3 Spill Hotline was contacted (by Mr. Kim) on October 26, 2004, and Spill Number 0408235 was issued by the Department.

Based upon the information generated, CA RICH prepared a Scope of Work dated January 12, 2005 for additional on-site testing. Prior to implementation, the Scope of Work was reviewed by Whitestone Associates, Inc., and Bohler Engineering, P.C. on behalf of Commerce Bank, NA. In addition, a copy of the Scope of Work was forwarded to Mr. Ram Pergadia of NYSDEC. The work summarized below was performed in general conformance with the approved Scope of Work.

3.0 SUMMARY OF WORK

3.1 Hand-cored Soil borings

Three (3) small-diameter borings designated MW-2; MW-3 and MW-4 were installed through the basement floor in areas of potential contaminant sources using an electric Bosch hammer and soil auger system. Due to difficult drilling conditions, and a shallow water table (less than 1 foot below the basement slab, recovery of soil samples was only possible at two of the three locations, MW-2 and MW-3. Each sample was collected from a depth of zero to six inches below the basement slab and screened for total organic vapor with a photoionization detector (PID). Neither of the two samples exhibited any measurable organic vapor concentrations. The soil materials were then placed in laboratory-issued volatile organic compound (VOC) soil jars and submitted to a New York State Accredited Laboratory for chemical analysis including volatile organic compounds (VOCs). The locations of the soil borings are illustrated on Figure 1.

3.2 Sump and Floor Drain Investigation

Two sumps are located in the basement of the former Belle Cleaners and the adjacent former nail salon. There is also a series of floor drains and associated subsurface piping between the two sumps. When the water level in the nail salon sump reaches a certain level it is automatically pumped through the subsurface piping into the Belle Cleaners sump. The water in the Belle Cleaners sump is then conveyed to the municipal sanitary sewer. As part of our investigation, we dye tested the floor drains between the two sumps to confirm their discharge point. The results of the dye testing indicate that water flowing into all of the floor drains is conveyed to the Belle Cleaners sump.

The Belle Cleaners sump was then tested to determine whether it has a hard or soft bottom. Manual probing with the soil auger and a wrecking bar indicated that the sump's bottom is composed of concrete. As such, no sediment sample was collected from the sump. The location of the two sumps is illustrated on Figure 1.

3.3 Microwell Installation and Sampling

Potable water for Rye is provided by municipal sources from the surface water resources of the Mianus Reservoir in Connecticut. No groundwater is used in the vicinity of the Property for any purpose. Groundwater under unconfined conditions (i.e. the water table) is found in the unconsolidated sediments underlying the subject Property at a depth of approximately 14 feet below land surface. According to maps published by the United States Geological Survey and local area reconnaissance, groundwater underlying the Property follows the local topographic relief and flows with eventual discharge into Blind Brook approximately 300 feet southwest of the Property. Based upon this information, microwell locations were selected to provide data representative of both upgradient and downgradient conditions relative to the shallow groundwater flow direction.

Following soil sample collection, the three hand driven borings in the basement were extended below the water table to the depth at which bedrock refusal was encountered using the bosch hammer with an auger extension. At each location, refusal was encountered at a depth of approximately three feet below the basement slab. A one-inch diameter microwell was then installed at each location using one-inch diameter 10-slot screen and sand packed from the bottom of the screen up to the bottom of the slab. A bolt-down curb box was then cemented in around each well.

One additional microwell (MW-1) was installed in the asphalt area to the east of the building. This well was installed using a Geoprobe in the location of Whitestone Associates B-1 boring (location of PCE and TCE detections). MW-1 was drilled to a depth of 13 feet below land surface at which point bedrock refusal was encountered. The well was then installed with a 5-foot screen and eight feet of riser, sand packed and fitted with a bolt-down curb box.

Following installation of the wells, each well was developed using a peristaltic pump until relatively turbid free groundwater was produced. Because of the shallow bedrock, well yields were not sufficient to sustain continued withdrawal. The wells were pumped dry and allowed to recharge for additional pumping cycles. Following a one-week equilibration period, the wells were purged and sampled using a peristaltic pump with dedicated polyethylene tubing. Samples were collected in laboratory-issued VOC vials and submitted to a New York State Accredited Laboratory for chemical analysis including volatile organic compounds (VOCs). The microwell locations are illustrated on Figure 1.

3.4 Soil Vapor and Indoor Air Sampling and Analysis

Our testing also included the collection of soil vapor samples from two locations and indoor air samples from the two basement spaces in the building and an additional exterior background location. The two sub slab soil vapor samples (AS-03 and AS-04) were collected by installing a temporary soil gas well point to a depth of six inches below the basement slab. The two points were sealed with bentonite grout to prevent atmospheric air from entering the sampling train. Once the grout was allowed to cure, the well points were connected to laboratory prepared and issued stainless steel vacuum canisters. The interior basement indoor air samples (AS-01 and AS-02) along with the exterior ambient air sample (AS-05) were collected directly into the steel canisters from the ambient air within the basements and from the building exterior. All of the air samples were submitted to a New York State Accredited Laboratory for chemical analysis including EPA Compendium Method TO-15.

4.0 SUMMARY OF RESULTS

4.1 Soils

Low levels of perchloroethylene (PCE) degradation byproducts were detected in soil sample MW-2 and low levels of petroleum-related compounds were detected in sample MW-3. However, none of the detected compounds were found at or in excess of NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives (RSCOS). A summary of the detected VOCs in soil is presented on Table 1. Copies of original laboratory results are included as Appendix A.

4.2 Air and Soil Vapor

Neither of the two indoor air samples (AS-01 or AS-02) exhibited the presence of any of the targeted VOCs at or above laboratory detection limits. One of the sub slab samples (AS-04) exhibited the presence of PCE at a concentration of 47 parts per billion (ppb) along with the PCE degradation daughter compounds trichloroethylene (TCE) at 16 ppb and cis-1,2 dichloroethene (DCE) at 50 ppb. Sample AS-05 taken from the ambient exterior air behind the building also contained low levels of these and other VOCs. A complete listing of analytical detections for air/soil gas samples is presented on Table 2.

The results of the air quality testing were compared to the New York State Department of Health Draft Soil Vapor / Indoor Air Decision Diagram for TCE. According to the guidance document an indoor air sample result of "no detection" coupled with a sub-slab soil vapor detection greater than or equal to 50 micrograms per cubic meter (ug/m^3) (equivalent to 7.5 ppb) results in a recommendation for continued monitoring. A copy of the 10/25/04 Draft Decision Diagram is included as Appendix B.

4.3 Groundwater

Sampling and analysis of groundwater from four microwells installed as part of this investigation resulted in detections of chlorinated and petroleum-related VOCs underlying the Property in excess of NYSDEC water quality standards and guidelines. The highest concentration of PCE (290 ug/l) was detected in MW-1 along with TCE at 250 ug/l. The concentrations exceed the NYSDEC Class GA potable groundwater standard of 5 ug/l. Additional PCE degradation byproducts were also detected in MW-1 at lower concentrations including DCE and vinyl chloride. PCE was also detected in MW-2, 3, and 4 at concentrations of 190 ug/l, 17 ug/l and 26 ug/l, respectively. In addition to the chlorinated volatile organic compounds (CVOCs), some petroleum-related compounds were detected. Acetone was detected in MW-3 at 1,200 ug/l and in MW-2 and MW-4 at lower concentrations. This may be the result of an incidental or accidental release of acetone from the former nail salon, however, acetone is a common laboratory analytical artifact and may be attributable to contamination during lab analysis. A summary of analytical detections in groundwater is presented on Table 3.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Soils

The Phase I/Phase II investigation by Whitestone Associates identified low levels of PCE along with petroleum and fill related compounds in the subsurface soils immediately to the east of the on-site building. Soil samples collected from the limited (less than 1 foot) vadose zone beneath the basement slab as part of this investigation also exhibited very low concentrations of CVOCs and petroleum-related constituents well below NYSDEC RSCOS. The levels measured are not judged representative of gross contamination nor a significant continuing source of contamination, but rather residual concentrations attributable to years of on-site industrial usage as a dry cleaning establishment. As such, no active soil remediation is recommended at this time.

5.2 Air Quality

Samples of the indoor air quality within the basement of the former cleaners and nail salon did not exhibit the presence of any VOCs at or above laboratory detection limits. One of the sub-slab samples contained PCE and its degradation byproducts as well as low levels of petroleum-related VOCs. The exterior ambient air sample also exhibited the presence of CVOCs and petroleum-related VOCs. Because no measurable concentrations of targeted VOCs were detected in the indoor air within the building's basement, no mitigative measures are necessary to protect the health of future site occupants. However, based upon NYSDEC and NYSDOH requirements, detection of TCE in the sub-slab soil vapor sample AS-04, at a concentration in excess of 50 $\mu\text{g}/\text{m}^3$ (equivalent to approximately 7.5 ppb) warrants monitoring to ensure that conditions remain stable over an appropriate period of time. As such, CA RICH recommends quarterly CVOC indoor air and sub-slab vapor monitoring for a period of one year. Should conditions improve or remain stable at the end of one year, no further testing will be warranted.

5.3 Groundwater

Sampling and analysis of groundwater samples from the four microwells installed as part of this investigation resulted in detections of PCE and related "daughter" degradation byproducts in all of the wells along with sporadic low-level detections of petroleum-related compounds. Elevated concentrations of acetone were also reported in two of the wells.

Concentrations of the dry-cleaning related CVOCs were observed to be highest in the "upgradient" well just east of the building and appeared to decrease significantly beneath the building to the southwest. As is the case with on-site soils, the levels identified do not suggest gross contamination or a significant ongoing contaminant source that threatens downgradient receptors (i.e. Blind Brook). Conversely, the concentrations and extent of identified CVOCs suggests residual contamination from small historical incidental releases or historical on-site waste handling practices. In addition, the presence of the "daughter" degradation byproducts including TCE, DCE, vinyl chloride and chloroform suggests that on-site natural attenuation of the identified contaminants is occurring.

Based upon this information, and the fact that there is no known local groundwater usage, no active on-site groundwater remediation is judged necessary at this time. However, based upon the documentation of VOC contamination underlying the Property in excess of NYSDEC TOGS Ambient Water Quality Standards and Guidance Values, CA RICH recommends that the microwells installed as part of this investigation be preserved and sampled quarterly for a period of one year. Should conditions improve or remain stable at the end of one year, no further testing will be warranted.

5.4 Documentation and NYSDEC Oversight

The recommended quarterly monitoring outlined above should be documented in the form of quarterly reports submitted to NYSDEC for review. Because no active remediation is necessary, it is recommended that future monitoring be conducted under existing Spill Number 0408235 as opposed to a formal Consent Order or voluntary Brownfield Cleanup Program (BCP) Agreement. In this fashion, NYSDEC approval for termination of monitoring activities and "no further action" can be achieved through closure of the open Spill Case.

6.0 CERTIFICATION AND LIMITATIONS

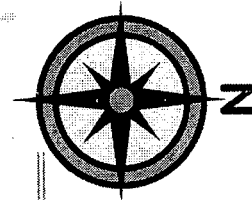
CA Rich Consultants, Inc. has performed this investigation in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. There have been no intentional deviations or deletions from this practice in the conductance of this Investigation.

This investigation has been performed diligently in consideration of the accepted practices of the environmental consulting profession. CA RICH cannot warrant site-wide conditions because there may remain unknown or hidden conditions that could not be revealed during the testing conducted.

The undersigned cannot be held responsible for inaccurate information furnished to CA RICH regarding the environmental integrity of the Property. However, we do acknowledge that to the best of our belief, the information supplied is true, complete and correct, and that facts or figures that may have an adverse effect upon the validity of this study have not purposely been omitted.

CA RICH has no interest other than professional in this investigation and neither its performance, nor compensation for same, is contingent upon the findings and recommendations that are represented herein.

PURCHASE STREET



2-Story Brick Building

MW-4

AS-02 &
AS-04 (sub-slab)

BELLE CLEANERS

MW-3

AS-01 &
AS-03 (sub-slab)

Sump

FASHION
NAILS II

MW-2

Dry Cleaning Machine
(Ground Floor)

SMITH STREET

Asphalt Pavement

AS-05

MW-1

EXPLANATION



Soil Boring and
Microwell

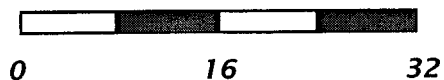


Air and/or Soil Gas
Sample



Groundwater Flow
Direction

APPROX. SCALE (ft.)



Adapted from Whitestone Associates, Inc. 9/28/04



RICH
ENVIRONMENTAL SPECIALISTS

CA RICH CONSULTANTS, INC.
17 Dupont Street,
Plainview, NY 11803

TITLE:

Sampling Locations

DATE:

2/23/05

SCALE:

AS SHOWN

FIGURE:

1

**Belle Cleaners & Laundry
Rye, NY**

DRAWN BY:

STM

APPR. BY:

RJI

Table 1

**Summary of Analytical Detections in Soil Samples
Belle Cleaners
Rye, New York**

Sample ID Matrix Date Sampled	MW-2 Soil 1/21/2005	MW-3 Soil 1/21/2005	NYSDEC TAGM #4046
Volatile Organic Compounds Method 8260 Units	<u>ug/Kg</u>	<u>ug/Kg</u>	<u>ug/Kg</u>
<u>Parameters</u>			
1,2-Dichlorobenzene	ND	13	7,900
Chlorobenzene	ND	12	1,700
cis-1,2-Dichloroethene	25	ND	NGV
Trichloroethene	3.6 J	ND	700
Notes: ND - Compound analyzed for but not detected NGV - No given value J - Estimated value of analyte detected below quantitation limits All concentrations are reported in micrograms per kilogram (ug/Kg) or parts per billion			

TABLE 2

Summary of Analytical Detections for
Indoor Air and Sub Slab Soil Vapor Samples
Belle Cleaners
Rye, New York

Method EPA TO-15	Sample ID Matrix Date Sampled Location	AS-01 Air 1/18/2005 Basement 1-Air	AS-02 Air 1/18/2005 Basement 2-Air	AS-03 Air 1/18/2005 Basement 1-Sub Slab	AS-04 Air 1/18/2005 Basement 2-Sub Slab	AS-05 Air 1/18/2005 Exterior Ambient Air	NYSDOH Ambient Air Guideline	NYSDOH Immediate Action Level
	<u>Parameters</u>	ppb (v/v)	ppb (v/v)	ppb (v/v)	ppb (v/v)	ppb (v/v)	ppb (v/v)	ppb (v/v)
	Tetrachloroethene (PCE)	ND	ND	ND	47	4.8	15	150
	Toluene	ND	ND	ND	1.8	8.4	NA	NA
	Dichlorodifluoromethane	ND	ND	ND	ND	ND	NA	NA
	Acetone	ND	ND	ND	16	46	NA	NA
	2-Butanone	ND	ND	ND	1.1	31	NA	NA
	m&p xylenes	ND	ND	ND	ND	3.4	NA	NA
	o-xylene	ND	ND	ND	ND	1.2	NA	NA
	1,2,4 trimethylbenzene	ND	ND	ND	ND	ND	NA	NA
	benzene	ND	ND	ND	ND	1.4	NA	NA
	carbon disulfide	ND	ND	ND	1.0	4.8	NA	NA
	chloromethane	ND	ND	ND	ND	ND	NA	NA
	1,2 dichloroethane	ND	ND	ND	ND	ND	NA	NA
	ethylbenzene	ND	ND	ND	ND	ND	NA	NA
	methylene chloride	ND	ND	ND	ND	ND	NA	NA
	Trichlorofluoromethane	ND	ND	ND	ND	ND	NA	NA
	Methyl tert-butyl ether	ND	ND	ND	5.5	5.0	NA	NA
	Vinyl chloride	ND	ND	ND	9.4	3.5	NA	NA
	1,1-Dichloroethene	ND	ND	ND	2.4	ND	NA	NA
	Chlorobenzene	ND	ND	ND	ND	1.5	NA	NA
	cis-1,2-Dichloroethene	ND	ND	ND	50	27	NA	NA
	Trichloroethene	ND	ND	ND	16	2.4	NA	NA
<u>Notes:</u> ND = Not Detected All concentrations are reported in parts per billion by volume (ppb v/v) NA: not applicable Users/Projects/Belle Cleaners/Table 1 IAQ testing								

TABLE 3
Summary of Analytical Detections in Groundwater Samples
Belle Cleaners
Rye, New York

Sample ID Date Sampled	MW-1 2/1/2005	MW-2 2/1/2005	MW-3 2/1/2005	MW-4 2/1/2005	NYSDEC TOGS*
Volatile Organics					
Units	ug/L	ug/L	ug/L	ug/L	ug/L
1,2,4,5-Tetramethylbenzene	22	ND	1.8	ND	5
1,2,4-Trimethylbenzene	8.8	ND	ND	ND	5
1,2-Dichlorobenzene	ND	ND	96	2.6	3
1,3,5-Trimethylbenzene	8.8	ND	ND	ND	5
1,3-Dichlorobenzene	ND	ND	2.2	ND	3
1,4-Dichlorobenzene	ND	ND	6.1	ND	3
4-Isopropyltoluene	7.4	ND	ND	ND	5
Acetone	ND	68	1,200	270	50
Benzene	8.0	ND	ND	ND	1
Bromodichloromethane	ND	ND	ND	3.2	50
Chloroform	ND	3.8	5.3	14	7
cis-1,2-Dichloroethene	89	50	33	40	5
Ethylbenzene	10	ND	ND	ND	5
Isopropylbenzene	37	ND	ND	ND	5
Total Xylene	14	ND	0.94	ND	5
Naphthalene	39	1.8	5.8	ND	5
N-Butylbenzene	16	ND	ND	ND	5
n-propylbenzene	83	1.0	ND	ND	5
p-Diethylbenzene	22	ND	0.93	ND	NG
p-Ethyltoluene	3.2	ND	ND	ND	NG
sec-Butylbenzene	5.4	ND	ND	ND	5
tert- Butylbenzene	1.4	ND	ND	ND	5
Tetrachloroethene	290	190	17	26	5
Toluene	4.5	ND	ND	ND	5
Trichloroethene	250	15	6.5	6.8	5
Vinyl Chloride	17	3.3	4.5	ND	2

Notes:

ND - Not Detected

NG - No Guidance is Reported.

All concentrations are reported in micrograms per lit (ug/L) or parts per billion.

* New York State Department of Environmental Conservation, Technical and Operational Guidance Series (1.1.1)

Ambient Water Quality Standards and Guidance Values, October 1993 (Revised June 1998).

Bolded Concentrations Indicate Values Above the NYSDEC TOG Standard

Appendix A

COPIES OF ORIGINAL LABORATORY REPORTS

Thursday, January 27, 2005

Rich Izzo
CA Rich Consultants Inc.
17 Dupont Street
Plainview, NY 11803

TEL: (516) 576-8844

FAX (516) 576-0093

RE: Belle Cleaners Rye, N.Y.

Order No.: 0501162

Dear Rich Izzo:

American Analytical Laboratories, LLC. received 2 sample(s) on 1/24/2005 for the analyses presented in the following report.

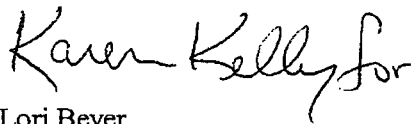
Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,



Lori Beyer
Lab Director



American Analytical Laboratories, LLC.

Date: 27-Jan-05

CLIENT: CA Rich Consultants Inc.**Project:** Belle Cleaners Rye, N.Y.**Lab Order:** 0501162**Work Order Sample Summary**

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0501162-01A	MW-2		1/21/2005	1/24/2005
0501162-02A	MW-3		1/21/2005	1/24/2005



56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

NYSDOH	ELAP	11418
CTDOH	PH-0205	
NJDEP	NY050	
PADEP	68-573	

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

[illegible]

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100

FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: 27-Jan-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-2

Lab Order: 0501162

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 1/21/2005

Lab ID: 0501162-01A

Date Received: 1/24/2005

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
Percent Moisture	15.4	0		wt%	1	1/24/2005
VOLATILES SW-846 METHOD 8260						
				D2216		Analyst: PA
1,1,1,2-Tetrachloroethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,1,1-Trichloroethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,1,2,2-Tetrachloroethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,1,2-Trichloroethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,1-Dichloroethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,1-Dichloroethene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,1-Dichloropropene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,2,3-Trichlorobenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,2,3-Trichloropropane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,2,4,5-Tetramethylbenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,2,4-Trichlorobenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,2,4-Trimethylbenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,2-Dibromo-3-chloropropane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,2-Dibromoethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,2-Dichlorobenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,2-Dichloroethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,2-Dichloropropane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,3,5-Trimethylbenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,3-Dichlorobenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,3-dichloropropane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
1,4-Dichlorobenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
2,2-Dichloropropane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
2-Butanone	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
2-Chloroethyl vinyl ether	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
2-Chlorotoluene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
2-Hexanone	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
4-Chlorotoluene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
4-Isopropyltoluene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
4-Methyl-2-pentanone	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Acetone	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Acrolein	U	30		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Acrylonitrile	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Benzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Bromobenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Bromochloromethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 27-Jan-05

CLIENT: CA Rich Consultants Inc. **Client Sample ID:** MW-2
Lab Order: 0501162 **Tag Number:**
Project: Belle Cleaners Rye, N.Y. **Collection Date:** 1/21/2005
Lab ID: 0501162-01A **Date Received:** 1/24/2005 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Bromodichloromethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Bromoform	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Bromomethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Carbon disulfide	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Carbon tetrachloride	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Chlorobenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Chlorodifluoromethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Chloroethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Chloroform	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Chloromethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
cis-1,2-Dichloroethene	25	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
cis-1,3-Dichloropropene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Dibromochloromethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Dibromomethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Dichlorodifluoromethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Diisopropyl ether	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Ethanol	U	30		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Ethyl acetate	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Ethylbenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Freon-114	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Hexachlorobutadiene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Isopropyl acetate	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Isopropylbenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Methyl tert-butyl ether	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Methylene chloride	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Naphthalene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
n-Butyl acetate	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
n-Butylbenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
n-Propyl acetate	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
n-Propylbenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
o-Xylene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
p-Diethylbenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
p-Ethyltoluene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
sec-Butylbenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Styrene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
t-Butyl alcohol	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
tert-Butylbenzene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Tetrachloroethene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Toluene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
trans-1,2-Dichloroethene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 27-Jan-05

CLIENT:	CA Rich Consultants Inc.	Client Sample ID:	MW-2
Lab Order:	0501162	Tag Number:	
Project:	Belle Cleaners Rye, N.Y.	Collection Date:	1/21/2005
Lab ID:	0501162-01A	Date Received:	1/24/2005
		Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
trans-1,3-Dichloropropene	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Trichloroethene	3.6	5.9	J	µg/Kg-dry	1	1/26/2005 7:24:00 PM
Trichlorofluoromethane	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Vinyl acetate	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM
Vinyl chloride	U	5.9		µg/Kg-dry	1	1/26/2005 7:24:00 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits	U	Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 27-Jan-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-3

Lab Order: 0501162

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 1/21/2005

Lab ID: 0501162-02A

Date Received: 1/24/2005

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE						
Percent Moisture	19.2	D2216 0		wt%	1	Analyst: PA 1/24/2005
VOLATILES SW-846 METHOD 8260						
		SW8260B				Analyst: LDS
1,1,1,2-Tetrachloroethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,1,1-Trichloroethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,1,2,2-Tetrachloroethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,1,2-Trichloroethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,1-Dichloroethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,1-Dichloroethene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,1-Dichloropropene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,2,3-Trichlorobenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,2,3-Trichloropropane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,2,4,5-Tetramethylbenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,2,4-Trichlorobenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,2,4-Trimethylbenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,2-Dibromo-3-chloropropane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,2-Dibromoethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,2-Dichlorobenzene	13	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,2-Dichloroethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,2-Dichloropropane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,3,5-Trimethylbenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,3-Dichlorobenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,3-dichloropropane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
1,4-Dichlorobenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
2,2-Dichloropropane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
2-Butanone	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
2-Chloroethyl vinyl ether	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
2-Chlorotoluene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
2-Hexanone	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
4-Chlorotoluene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
4-Isopropyltoluene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
4-Methyl-2-pentanone	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Acetone	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Acrolein	U	31		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Acrylonitrile	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Benzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Bromobenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Bromochloromethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected
 Page 4 of 6

American Analytical Laboratories, LLC.

Date: 27-Jan-05

CLIENT: CA Rich Consultants Inc. **Client Sample ID:** MW-3
Lab Order: 0501162 **Tag Number:**
Project: Belle Cleaners Rye, N.Y. **Collection Date:** 1/21/2005
Lab ID: 0501162-02A **Date Received:** 1/24/2005 **Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Bromodichloromethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Bromoform	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Bromomethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Carbon disulfide	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Carbon tetrachloride	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Chlorobenzene	12	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Chlorodifluoromethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Chloroethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Chloroform	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Chloromethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
cis-1,2-Dichloroethene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
cis-1,3-Dichloropropene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Dibromochloromethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Dibromomethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Dichlorodifluoromethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Diisopropyl ether	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Ethanol	U	31		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Ethyl acetate	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Ethylbenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Freon-114	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Hexachlorobutadiene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Isopropyl acetate	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Isopropylbenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
m,p-Xylene	U	12		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Methyl tert-butyl ether	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Methylene chloride	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Naphthalene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
n-Butyl acetate	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
n-Butylbenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
n-Propyl acetate	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
n-Propylbenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
o-Xylene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
p-Diethylbenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
p-Ethyltoluene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
sec-Butylbenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Styrene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
t-Butyl alcohol	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
tert-Butylbenzene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Tetrachloroethene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Toluene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
trans-1,2-Dichloroethene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 27-Jan-05

CLIENT: CA Rich Consultants Inc.**Client Sample ID:** MW-3**Lab Order:** 0501162**Tag Number:****Project:** Belle Cleaners Rye, N.Y.**Collection Date:** 1/21/2005**Lab ID:** 0501162-02A**Date Received:** 1/24/2005**Matrix:** SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
trans-1,3-Dichloropropene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Trichloroethene	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Trichlorofluoromethane	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Vinyl acetate	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM
Vinyl chloride	U	6.2		µg/Kg-dry	1	1/26/2005 8:02:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detected

Wednesday, February 09, 2005

Rich Izzo
CA Rich Consultants Inc.
17 Dupont Street
Plainview, NY 11803

TEL: (516) 576-8844

FAX (516) 576-0093

RE: Belle Cleaners Rye, N.Y.

Order No.: 0502034

Dear Rich Izzo:

American Analytical Laboratories, LLC. received 4 sample(s) on 2/3/2005 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,



Lori Beyer
Lab Director



American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.
Project: Belle Cleaners Rye, N.Y.
Lab Order: 0502034

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0502034-01A	MW-1		2/1/2005	2/3/2005
0502034-02A	MW-2		2/1/2005	2/3/2005
0502034-03A	MW-3		2/1/2005	2/3/2005
0502034-04A	MW-4		2/1/2005	2/3/2005



56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

NYSDOH ELAP 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS

CA Rich Consultants, Inc. Rich Izzo
17 Dupont St. Plainville, NJ 08863

CONTACT:

SAMPLER(S) SIGNATURE

DATE

SAMPLE(S)
SEALED

YES / NO

SAMPLER NAME (PRINT)

Richard Izzo

CORRECT
CONTAINER(S)

YES / NO

PROJECT LOCATION:

Belle Cleaners, Rye, NY

ANALYSIS REQUIRED
VOL (300)

FOR
METHANOL PRESERVED
SAMPLES
[VOLATILE VIAL #]

LABORATORY
ID #

MATRIX

PRES.

TYPE

SAMPLE # -
LOCATION

MW-1

L

groundwater from

MW-2

L

monitoring wells

MW-3

L

MW-4

L

2502034-1A

2A

3A

4A

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIFE; P=PAINT CHIPS; B=BULK MATERIAL

TYPE G=GRAB; C=COMPOSITE; SS=SPLIT SPOON

RELINQUISHED BY (SIGNATURE)

DATE 2/13/05

PRINTED NAME

Rich Izzo

RELINQUISHED BY (SIGNATURE)

DATE

PRINTED NAME

RECEIVED BY LAB (SIGNATURE)

STAT ☒ BY 2/10/05

DATE

TIME

PRINTED NAME

RECEIVED BY LAB (SIGNATURE)

DATE

TIME

PRINTED NAME

COOLER TEMPERATURE:

COMMENTS / INSTRUCTIONS

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC

56 TOLEDO STREET

FARMINGDALE, NEW YORK 11735

TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-1

Lab Order: 0502034

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 2/1/2005

Lab ID: 0502034-01A Date Received: 2/3/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,2,4,5-Tetramethylbenzene	22	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,2,4-Trimethylbenzene	8.8	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,3,5-Trimethylbenzene	8.8	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
2-Butanone	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
2-Hexanone	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
4-Isopropyltoluene	7.4	1.0		µg/L	1	2/5/2005 3:12:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Acetone	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Acrolein	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Acrylonitrile	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Benzene	8.0	1.0		µg/L	1	2/5/2005 3:12:00 AM
Bromobenzene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Bromochloromethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Bromodichloromethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Bromoform	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Bromomethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Carbon disulfide	U	1.0		µg/L	1	2/5/2005 3:12:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-1

Lab Order: 0502034

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 2/1/2005

Lab ID: 0502034-01A Date Received: 2/3/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Carbon tetrachloride	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Chlorobenzene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Chloroethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Chloroform	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Chloromethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
cis-1,2-Dichloroethene	89	1.0		µg/L	1	2/5/2005 3:12:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Dibromochloromethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Dibromomethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Diisopropyl ether	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Ethanol	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Ethyl acetate	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Ethylbenzene	10	1.0		µg/L	1	2/5/2005 3:12:00 AM
Freon-114	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Isopropyl acetate	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Isopropylbenzene	37	1.0		µg/L	1	2/5/2005 3:12:00 AM
m,p-Xylene	14	2.0		µg/L	1	2/5/2005 3:12:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Methylene chloride	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Naphthalene	39	1.0		µg/L	1	2/5/2005 3:12:00 AM
n-Butyl acetate	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
n-Butylbenzene	16	1.0		µg/L	1	2/5/2005 3:12:00 AM
n-Propyl acetate	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
n-Propylbenzene	83	1.0		µg/L	1	2/5/2005 3:12:00 AM
o-Xylene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
p-Diethylbenzene	22	1.0		µg/L	1	2/5/2005 3:12:00 AM
p-Ethyltoluene	3.2	1.0		µg/L	1	2/5/2005 3:12:00 AM
sec-Butylbenzene	5.4	1.0		µg/L	1	2/5/2005 3:12:00 AM
Styrene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
tert-Butylbenzene	1.4	1.0		µg/L	1	2/5/2005 3:12:00 AM
Tetrachloroethene	290	1.0		µg/L	1	2/5/2005 3:12:00 AM
Toluene	4.5	1.0		µg/L	1	2/5/2005 3:12:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Trichloroethene	250	1.0		µg/L	1	2/5/2005 3:12:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	2/5/2005 3:12:00 AM
Vinyl acetate	U	1.0		µg/L	1	2/5/2005 3:12:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.**Client Sample ID:** MW-1**Lab Order:** 0502034**Tag Number:****Project:** Belle Cleaners Rye, N.Y.**Collection Date:** 2/1/2005**Lab ID:** 0502034-01A**Date Received:** 2/3/2005**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	17	1.0		µg/L	1	2/5/2005 3:12:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
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- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-2

Lab Order: 0502034

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 2/1/2005

Lab ID: 0502034-02A Date Received: 2/3/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,2-Dichlorobenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
2-Butanone	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
2-Hexanone	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Acetone	68	1.0		µg/L	1	2/5/2005 3:47:00 AM
Acrolein	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Acrylonitrile	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Benzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Bromobenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Bromochloromethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Bromodichloromethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Bromoform	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Bromomethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Carbon disulfide	U	1.0		µg/L	1	2/5/2005 3:47:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-2

Lab Order: 0502034

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 2/1/2005

Lab ID: 0502034-02A Date Received: 2/3/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Carbon tetrachloride	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Chlorobenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Chloroethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Chloroform	3.8	1.0		µg/L	1	2/5/2005 3:47:00 AM
Chloromethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
cis-1,2-Dichloroethene	50	1.0		µg/L	1	2/5/2005 3:47:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Dibromochloromethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Dibromomethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Dilisopropyl ether	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Ethanol	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Ethyl acetate	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Ethylbenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Freon-114	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Isopropyl acetate	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Isopropylbenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
m,p-Xylene	U	2.0		µg/L	1	2/5/2005 3:47:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Methylene chloride	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Naphthalene	1.8	1.0		µg/L	1	2/5/2005 3:47:00 AM
n-Butyl acetate	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
n-Butylbenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
n-Propyl acetate	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
n-Propylbenzene	1.0	1.0		µg/L	1	2/5/2005 3:47:00 AM
o-Xylene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Styrene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Tetrachloroethene	190	1.0		µg/L	1	2/5/2005 3:47:00 AM
Toluene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Trichloroethene	15	1.0		µg/L	1	2/5/2005 3:47:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	2/5/2005 3:47:00 AM
Vinyl acetate	U	1.0		µg/L	1	2/5/2005 3:47:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected
 Page 5 of 12

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.**Client Sample ID:** MW-2**Lab Order:** 0502034**Tag Number:****Project:** Belle Cleaners Rye, N.Y.**Collection Date:** 2/1/2005**Lab ID:** 0502034-02A**Date Received:** 2/3/2005**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	3.3	1.0		µg/L	1	2/5/2005 3:47:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-3

Lab Order: 0502034

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 2/1/2005

Lab ID: 0502034-03A

Date Received: 2/3/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,2,4,5-Tetramethylbenzene	1.8	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,2-Dichlorobenzene	96	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,3-Dichlorobenzene	2.2	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
1,4-Dichlorobenzene	6.1	1.0		µg/L	1	2/5/2005 4:18:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
2-Butanone	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
2-Hexanone	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Acetone	1200	1.0		µg/L	1	2/5/2005 4:18:00 AM
Acrolein	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Acrylonitrile	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Benzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Bromobenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Bromochloromethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Bromodichloromethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Bromoform	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Bromomethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Carbon disulfide	U	1.0		µg/L	1	2/5/2005 4:18:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-3

Lab Order: 0502034

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 2/1/2005

Lab ID: 0502034-03A Date Received: 2/3/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Carbon tetrachloride	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Chlorobenzene	15	1.0		µg/L	1	2/5/2005 4:18:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Chloroethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Chloroform	5.3	1.0		µg/L	1	2/5/2005 4:18:00 AM
Chloromethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
cis-1,2-Dichloroethene	33	1.0		µg/L	1	2/5/2005 4:18:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Dibromochloromethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Dibromomethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Diisopropyl ether	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Ethanol	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Ethyl acetate	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Ethylbenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Freon-114	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Isopropyl acetate	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Isopropylbenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
m,p-Xylene	0.94	2.0	J	µg/L	1	2/5/2005 4:18:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Methylene chloride	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Naphthalene	5.8	1.0		µg/L	1	2/5/2005 4:18:00 AM
n-Butyl acetate	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
n-Butylbenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
n-Propyl acetate	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
n-Propylbenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
o-Xylene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
p-Diethylbenzene	0.93	1.0	J	µg/L	1	2/5/2005 4:18:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Styrene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Tetrachloroethene	17	1.0		µg/L	1	2/5/2005 4:18:00 AM
Toluene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Trichloroethene	6.5	1.0		µg/L	1	2/5/2005 4:18:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	2/5/2005 4:18:00 AM
Vinyl acetate	U	1.0		µg/L	1	2/5/2005 4:18:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.**Client Sample ID:** MW-3**Lab Order:** 0502034**Tag Number:****Project:** Belle Cleaners Rye, N.Y.**Collection Date:** 2/1/2005**Lab ID:** 0502034-03A**Date Received:** 2/3/2005**Matrix:** LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	4.5	1.0		µg/L	1	2/5/2005 4:18:00 AM

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-4

Lab Order: 0502034

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 2/1/2005

Lab ID: 0502034-04A

Date Received: 2/3/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES SW-846 METHOD 8260		SW8260B		Analyst: LDS		
1,1,1,2-Tetrachloroethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,1,1-Trichloroethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,1,2,2-Tetrachloroethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,1,2-Trichloroethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,1-Dichloroethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,1-Dichloroethene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,1-Dichloropropene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,2,3-Trichlorobenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,2,3-Trichloropropane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,2,4,5-Tetramethylbenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,2,4-Trichlorobenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,2,4-Trimethylbenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,2-Dibromo-3-chloropropane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,2-Dibromoethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,2-Dichlorobenzene	2.6	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,2-Dichloroethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,2-Dichloropropane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,3,5-Trimethylbenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,3-Dichlorobenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,3-dichloropropane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
1,4-Dichlorobenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
2,2-Dichloropropane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
2-Butanone	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
2-Chloroethyl vinyl ether	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
2-Chlorotoluene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
2-Hexanone	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
4-Chlorotoluene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
4-Isopropyltoluene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
4-Methyl-2-pentanone	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Acetone	270	1.0		µg/L	1	2/5/2005 4:54:00 AM
Acrolein	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Acrylonitrile	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Benzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Bromobenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Bromochloromethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Bromodichloromethane	3.2	1.0		µg/L	1	2/5/2005 4:54:00 AM
Bromoform	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Bromomethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Carbon disulfide	U	1.0		µg/L	1	2/5/2005 4:54:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-4

Lab Order: 0502034

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 2/1/2005

Lab ID: 0502034-04A Date Received: 2/3/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Carbon tetrachloride	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Chlorobenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Chlorodifluoromethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Chloroethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Chloroform	14	1.0		µg/L	1	2/5/2005 4:54:00 AM
Chloromethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
cis-1,2-Dichloroethene	40	1.0		µg/L	1	2/5/2005 4:54:00 AM
cis-1,3-Dichloropropene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Dibromochloromethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Dibromomethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Dichlorodifluoromethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Diisopropyl ether	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Ethanol	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Ethyl acetate	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Ethylbenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Freon-114	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Hexachlorobutadiene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Isopropyl acetate	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Isopropylbenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
m,p-Xylene	U	2.0		µg/L	1	2/5/2005 4:54:00 AM
Methyl tert-butyl ether	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Methylene chloride	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Naphthalene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
n-Butyl acetate	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
n-Butylbenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
n-Propyl acetate	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
n-Propylbenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
o-Xylene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
p-Diethylbenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
p-Ethyltoluene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
sec-Butylbenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Styrene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
t-Butyl alcohol	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
tert-Butylbenzene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Tetrachloroethene	26	1.0		µg/L	1	2/5/2005 4:54:00 AM
Toluene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
trans-1,2-Dichloroethene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
trans-1,3-Dichloropropene	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Trichloroethene	6.8	1.0		µg/L	1	2/5/2005 4:54:00 AM
Trichlorofluoromethane	U	1.0		µg/L	1	2/5/2005 4:54:00 AM
Vinyl acetate	U	1.0		µg/L	1	2/5/2005 4:54:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 U Indicates the compound was analyzed for but not detected

American Analytical Laboratories, LLC.

Date: 09-Feb-05

CLIENT: CA Rich Consultants Inc.

Client Sample ID: MW-4

Lab Order: 0502034

Tag Number:

Project: Belle Cleaners Rye, N.Y.

Collection Date: 2/1/2005

Lab ID: 0502034-04A

Date Received: 2/3/2005

Matrix: LIQUID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Vinyl chloride	U	1.0		µg/L	1	2/5/2005 4:54:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
U Indicates the compound was analyzed for but not detected

CA RICH CONSULTANTS

Client Sample ID: AS-01

GC/MS Volatiles

Lot-Sample #...: H5A310101-001 Work Order #...: G3GQL1AD Matrix.....: AIR
 Date Sampled...: 01/18/05 Date Received...: 01/21/05
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #...: 5035237
 Dilution Factor: 5 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Acetone	ND	25	ppb (v/v)
n-Butylbenzene	ND	1.0	ppb (v/v)
sec-Butylbenzene	ND	1.0	ppb (v/v)
Carbon disulfide	ND	1.0	ppb (v/v)
Cumene	ND	1.0	ppb (v/v)
4-Isopropyltoluene	ND	1.0	ppb (v/v)
Naphthalene	ND	1.0	ppb (v/v)
n-Propylbenzene	ND	1.0	ppb (v/v)
Methyl tert-butyl ether	ND	2.5	ppb (v/v)
2-Butanone (MEK)	ND	2.5	ppb (v/v)
Dichlorodifluoromethane	ND	1.0	ppb (v/v)
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	1.0	ppb (v/v)
Chloromethane	ND	2.5	ppb (v/v)
Vinyl chloride	ND	1.0	ppb (v/v)
Bromomethane	ND	1.0	ppb (v/v)
Chloroethane	ND	1.0	ppb (v/v)
Trichlorofluoromethane	ND	1.0	ppb (v/v)
1,1-Dichloroethene	ND	1.0	ppb (v/v)
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ppb (v/v)
Methylene chloride	ND	2.5	ppb (v/v)
1,1-Dichloroethane	ND	1.0	ppb (v/v)
cis-1,2-Dichloroethene	ND	1.0	ppb (v/v)
Chloroform	ND	1.0	ppb (v/v)
1,1,1-Trichloroethane	ND	1.0	ppb (v/v)
Carbon tetrachloride	ND	1.0	ppb (v/v)
Benzene	ND	1.0	ppb (v/v)
1,2-Dichloroethane	ND	1.0	ppb (v/v)
Trichloroethene	ND	1.0	ppb (v/v)
1,2-Dichloropropane	ND	1.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb (v/v)
Toluene	ND	1.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	1.0	ppb (v/v)
1,1,2-Trichloroethane	ND	1.0	ppb (v/v)
Tetrachloroethene	ND	1.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb (v/v)
Chlorobenzene	ND	1.0	ppb (v/v)
Ethylbenzene	ND	1.0	ppb (v/v)

(Continued on next page)

CA RICH CONSULTANTS

Client Sample ID: AS-01

GC/MS Volatiles

Lot-Sample #....: H5A310101-001 Work Order #....: G3GQL1AD Matrix.....: AIR

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
m-Xylene & p-Xylene	ND	1.0	ppb (v/v)
o-Xylene	ND	1.0	ppb (v/v)
Styrene	ND	1.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	1.0	ppb (v/v)
1,3-Dichlorobenzene	ND	1.0	ppb (v/v)
1,4-Dichlorobenzene	ND	1.0	ppb (v/v)
1,2-Dichlorobenzene	ND	1.0	ppb (v/v)
Benzyl chloride	ND	1.0	ppb (v/v)
1,2,4-Trichloro- benzene	ND	1.0	ppb (v/v)
Hexachlorobutadiene	ND	1.0	ppb (v/v)

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	104	(70 - 130)
Toluene-d8	102	(70 - 130)
4-Bromofluorobenzene	102	(70 - 130)

CA RICH CONSULTANTS

Client Sample ID: AS-02

GC/MS Volatiles

Lot-Sample #...: H5A310101-002 Work Order #...: G3GQM1AD Matrix.....: AIR
 Date Sampled...: 01/18/05 Date Received...: 01/21/05
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #...: 5035237
 Dilution Factor: 5 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Acetone	ND	25	ppb (v/v)
n-Butylbenzene	ND	1.0	ppb (v/v)
sec-Butylbenzene	ND	1.0	ppb (v/v)
Carbon disulfide	ND	1.0	ppb (v/v)
Cumene	ND	1.0	ppb (v/v)
4-Isopropyltoluene	ND	1.0	ppb (v/v)
Naphthalene	ND	1.0	ppb (v/v)
n-Propylbenzene	ND	1.0	ppb (v/v)
Methyl tert-butyl ether	ND	2.5	ppb (v/v)
2-Butanone (MEK)	ND	2.5	ppb (v/v)
Dichlorodifluoromethane	ND	1.0	ppb (v/v)
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	1.0	ppb (v/v)
Chloromethane	ND	2.5	ppb (v/v)
Vinyl chloride	ND	1.0	ppb (v/v)
Bromomethane	ND	1.0	ppb (v/v)
Chloroethane	ND	1.0	ppb (v/v)
Trichlorofluoromethane	ND	1.0	ppb (v/v)
1,1-Dichloroethene	ND	1.0	ppb (v/v)
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ppb (v/v)
Methylene chloride	ND	2.5	ppb (v/v)
1,1-Dichloroethane	ND	1.0	ppb (v/v)
cis-1,2-Dichloroethene	ND	1.0	ppb (v/v)
Chloroform	ND	1.0	ppb (v/v)
1,1,1-Trichloroethane	ND	1.0	ppb (v/v)
Carbon tetrachloride	ND	1.0	ppb (v/v)
Benzene	ND	1.0	ppb (v/v)
1,2-Dichloroethane	ND	1.0	ppb (v/v)
Trichloroethene	ND	1.0	ppb (v/v)
1,2-Dichloropropane	ND	1.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb (v/v)
Toluene	ND	1.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	1.0	ppb (v/v)
1,1,2-Trichloroethane	ND	1.0	ppb (v/v)
Tetrachloroethene	ND	1.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb (v/v)
Chlorobenzene	ND	1.0	ppb (v/v)
Ethylbenzene	ND	1.0	ppb (v/v)

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CA RICH CONSULTANTS

Client Sample ID: AS-02

GC/MS Volatiles

Lot-Sample #...: H5A310101-002 Work Order #...: G3GQM1AD Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
m-Xylene & p-Xylene	ND	1.0	ppb (v/v)
o-Xylene	ND	1.0	ppb (v/v)
Styrene	ND	1.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	1.0	ppb (v/v)
1,3-Dichlorobenzene	ND	1.0	ppb (v/v)
1,4-Dichlorobenzene	ND	1.0	ppb (v/v)
1,2-Dichlorobenzene	ND	1.0	ppb (v/v)
Benzyl chloride	ND	1.0	ppb (v/v)
1,2,4-Trichloro- benzene	ND	1.0	ppb (v/v)
Hexachlorobutadiene	ND	1.0	ppb (v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(70 - 130)
Toluene-d8	103	(70 - 130)
4-Bromofluorobenzene	102	(70 - 130)

CA RICH CONSULTANTS

Client Sample ID: AS-03

GC/MS Volatiles

Lot-Sample #...: H5A310101-003 Work Order #...: G3GQN1AD Matrix.....: AIR
 Date Sampled...: 01/18/05 Date Received...: 01/21/05
 Prep Date.....: 02/03/05 Analysis Date...: 02/04/05
 Prep Batch #...: 5035237
 Dilution Factor: 5 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ppb (v/v)
n-Butylbenzene	ND	1.0	ppb (v/v)
sec-Butylbenzene	ND	1.0	ppb (v/v)
Carbon disulfide	ND	1.0	ppb (v/v)
Cumene	ND	1.0	ppb (v/v)
4-Isopropyltoluene	ND	1.0	ppb (v/v)
Naphthalene	ND	1.0	ppb (v/v)
n-Propylbenzene	ND	1.0	ppb (v/v)
Methyl tert-butyl ether	ND	2.5	ppb (v/v)
2-Butanone (MEK)	ND	2.5	ppb (v/v)
Dichlorodifluoromethane	ND	1.0	ppb (v/v)
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	1.0	ppb (v/v)
Chloromethane	ND	2.5	ppb (v/v)
Vinyl chloride	ND	1.0	ppb (v/v)
Bromomethane	ND	1.0	ppb (v/v)
Chloroethane	ND	1.0	ppb (v/v)
Trichlorofluoromethane	ND	1.0	ppb (v/v)
1,1-Dichloroethene	ND	1.0	ppb (v/v)
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ppb (v/v)
Methylene chloride	ND	2.5	ppb (v/v)
1,1-Dichloroethane	ND	1.0	ppb (v/v)
cis-1,2-Dichloroethene	ND	1.0	ppb (v/v)
Chloroform	ND	1.0	ppb (v/v)
1,1,1-Trichloroethane	ND	1.0	ppb (v/v)
Carbon tetrachloride	ND	1.0	ppb (v/v)
Benzene	ND	1.0	ppb (v/v)
1,2-Dichloroethane	ND	1.0	ppb (v/v)
Trichloroethene	ND	1.0	ppb (v/v)
1,2-Dichloropropane	ND	1.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb (v/v)
Toluene	ND	1.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	1.0	ppb (v/v)
1,1,2-Trichloroethane	ND	1.0	ppb (v/v)
Tetrachloroethene	ND	1.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb (v/v)
Chlorobenzene	ND	1.0	ppb (v/v)
Ethylbenzene	ND	1.0	ppb (v/v)

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CA RICH CONSULTANTS

Client Sample ID: AS-03

GC/MS Volatiles

Lot-Sample #....: H5A310101-003 Work Order #....: G3GQN1AD Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
m-Xylene & p-Xylene	ND	1.0	ppb (v/v)
o-Xylene	ND	1.0	ppb (v/v)
Styrene	ND	1.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	1.0	ppb (v/v)
1,3-Dichlorobenzene	ND	1.0	ppb (v/v)
1,4-Dichlorobenzene	ND	1.0	ppb (v/v)
1,2-Dichlorobenzene	ND	1.0	ppb (v/v)
Benzyl chloride	ND	1.0	ppb (v/v)
1,2,4-Trichloro- benzene	ND	1.0	ppb (v/v)
Hexachlorobutadiene	ND	1.0	ppb (v/v)
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
1,2-Dichloroethane-d4	103	(70 - 130)	
Toluene-d8	103	(70 - 130)	
4-Bromofluorobenzene	104	(70 - 130)	

CA RICH CONSULTANTS

Client Sample ID: AS-04

GC/MS Volatiles

Lot-Sample #....: H5A310101-004 Work Order #....: G3GQP1AD Matrix.....: AIR
 Date Sampled....: 01/18/05 Date Received...: 01/21/05
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #....: 5035237
 Dilution Factor: 5 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ppb (v/v)
n-Butylbenzene	ND	1.0	ppb (v/v)
sec-Butylbenzene	ND	1.0	ppb (v/v)
Carbon disulfide	1.0	1.0	ppb (v/v)
Cumene	ND	1.0	ppb (v/v)
4-Isopropyltoluene	ND	1.0	ppb (v/v)
Naphthalene	ND	1.0	ppb (v/v)
n-Propylbenzene	ND	1.0	ppb (v/v)
Methyl tert-butyl ether	5.5	2.5	ppb (v/v)
2-Butanone (MEK)	16	2.5	ppb (v/v)
Dichlorodifluoromethane	ND	1.0	ppb (v/v)
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	1.0	ppb (v/v)
Chloromethane	ND	2.5	ppb (v/v)
Vinyl chloride	9.4	1.0	ppb (v/v)
Bromomethane	ND	1.0	ppb (v/v)
Chloroethane	ND	1.0	ppb (v/v)
Trichlorofluoromethane	ND	1.0	ppb (v/v)
1,1-Dichloroethene	2.4	1.0	ppb (v/v)
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ppb (v/v)
Methylene chloride	ND	2.5	ppb (v/v)
1,1-Dichloroethane	ND	1.0	ppb (v/v)
cis-1,2-Dichloroethene	50	1.0	ppb (v/v)
Chloroform	ND	1.0	ppb (v/v)
1,1,1-Trichloroethane	ND	1.0	ppb (v/v)
Carbon tetrachloride	ND	1.0	ppb (v/v)
Benzene	ND	1.0	ppb (v/v)
1,2-Dichloroethane	ND	1.0	ppb (v/v)
Trichloroethene	16	1.0	ppb (v/v)
1,2-Dichloropropane	ND	1.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb (v/v)
Toluene	1.8	1.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	1.0	ppb (v/v)
1,1,2-Trichloroethane	ND	1.0	ppb (v/v)
Tetrachloroethene	47	1.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb (v/v)
Chlorobenzene	ND	1.0	ppb (v/v)
Ethylbenzene	ND	1.0	ppb (v/v)

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CA RICH CONSULTANTS

Client Sample ID: AS-04

GC/MS Volatiles

Lot-Sample #...: H5A310101-004 Work Order #...: G3GQP1AD Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
m-Xylene & p-Xylene	1.1	1.0	ppb (v/v)
o-Xylene	ND	1.0	ppb (v/v)
Styrene	ND	1.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	1.0	ppb (v/v)
1,3-Dichlorobenzene	ND	1.0	ppb (v/v)
1,4-Dichlorobenzene	ND	1.0	ppb (v/v)
1,2-Dichlorobenzene	ND	1.0	ppb (v/v)
Benzyl chloride	ND	1.0	ppb (v/v)
1,2,4-Trichloro- benzene	ND	1.0	ppb (v/v)
Hexachlorobutadiene	ND	1.0	ppb (v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(70 - 130)
Toluene-d8	103	(70 - 130)
4-Bromofluorobenzene	104	(70 - 130)

CA RICH CONSULTANTS

Client Sample ID: AS-05

GC/MS Volatiles

Lot-Sample #...: H5A310101-005 Work Order #...: G3GQQ1AD Matrix.....: AIR
 Date Sampled...: 01/18/05 Date Received...: 01/21/05
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #...: 5035237
 Dilution Factor: 5 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	46	25	ppb (v/v)
n-Butylbenzene	ND	1.0	ppb (v/v)
sec-Butylbenzene	ND	1.0	ppb (v/v)
Carbon disulfide	4.8	1.0	ppb (v/v)
Cumene	ND	1.0	ppb (v/v)
4-Isopropyltoluene	ND	1.0	ppb (v/v)
Naphthalene	ND	1.0	ppb (v/v)
n-Propylbenzene	ND	1.0	ppb (v/v)
Methyl tert-butyl ether	5.0	2.5	ppb (v/v)
2-Butanone (MEK)	31	2.5	ppb (v/v)
Dichlorodifluoromethane	ND	1.0	ppb (v/v)
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	1.0	ppb (v/v)
Chloromethane	ND	2.5	ppb (v/v)
Vinyl chloride	3.5	1.0	ppb (v/v)
Bromomethane	ND	1.0	ppb (v/v)
Chloroethane	ND	1.0	ppb (v/v)
Trichlorofluoromethane	ND	1.0	ppb (v/v)
1,1-Dichloroethene	ND	1.0	ppb (v/v)
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ppb (v/v)
Methylene chloride	ND	2.5	ppb (v/v)
1,1-Dichloroethane	ND	1.0	ppb (v/v)
cis-1,2-Dichloroethene	27	1.0	ppb (v/v)
Chloroform	ND	1.0	ppb (v/v)
1,1,1-Trichloroethane	ND	1.0	ppb (v/v)
Carbon tetrachloride	ND	1.0	ppb (v/v)
Benzene	1.4	1.0	ppb (v/v)
1,2-Dichloroethane	ND	1.0	ppb (v/v)
Trichloroethene	2.4	1.0	ppb (v/v)
1,2-Dichloropropane	ND	1.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb (v/v)
Toluene	8.4	1.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	1.0	ppb (v/v)
1,1,2-Trichloroethane	ND	1.0	ppb (v/v)
Tetrachloroethene	4.8	1.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb (v/v)
Chlorobenzene	1.5	1.0	ppb (v/v)
Ethylbenzene	ND	1.0	ppb (v/v)

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Client Sample ID: AS-05

GC/MS Volatiles

Lot-Sample #...: H5A310101-005 Work Order #...: G3GQQ1AD Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
m-Xylene & p-Xylene	3.4	1.0	ppb (v/v)
o-Xylene	1.2	1.0	ppb (v/v)
Styrene	ND	1.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	1.0	ppb (v/v)
1,3-Dichlorobenzene	ND	1.0	ppb (v/v)
1,4-Dichlorobenzene	ND	1.0	ppb (v/v)
1,2-Dichlorobenzene	ND	1.0	ppb (v/v)
Benzyl chloride	ND	1.0	ppb (v/v)
1,2,4-Trichloro- benzene	ND	1.0	ppb (v/v)
Hexachlorobutadiene	ND	1.0	ppb (v/v)
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
1,2-Dichloroethane-d4	104	(70 - 130)	
Toluene-d8	100	(70 - 130)	
4-Bromofluorobenzene	103	(70 - 130)	

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: H5A310101
MB Lot-Sample #: H5B040000-237

Work Order #....: G3R071AA

Matrix.....: AIR

Analysis Date...: 02/03/05
Dilution Factor: 1

Prep Date.....: 02/03/05

Prep Batch #....: 5035237

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Naphthalene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Acetone	ND	5.0	ppb (v/v)	EPA-2 TO-15
n-Butylbenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
sec-Butylbenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Carbon disulfide	ND	0.20	ppb (v/v)	EPA-2 TO-15
Cumene	ND	0.20	ppb (v/v)	EPA-2 TO-15
4-Isopropyltoluene	ND	0.20	ppb (v/v)	EPA-2 TO-15
n-Propylbenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Methyl tert-butyl ether	ND	0.50	ppb (v/v)	EPA-2 TO-15
2-Butanone (MEK)	ND	0.50	ppb (v/v)	EPA-2 TO-15
Dichlorodifluoromethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Chloromethane	ND	0.50	ppb (v/v)	EPA-2 TO-15
Vinyl chloride	ND	0.20	ppb (v/v)	EPA-2 TO-15
Bromomethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Chloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Trichlorofluoromethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,1-Dichloroethene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Methylene chloride	ND	0.50	ppb (v/v)	EPA-2 TO-15
1,1-Dichloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
cis-1,2-Dichloroethene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Chloroform	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,1,1-Trichloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Carbon tetrachloride	ND	0.20	ppb (v/v)	EPA-2 TO-15
Benzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2-Dichloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Trichloroethene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2-Dichloropropane	ND	0.20	ppb (v/v)	EPA-2 TO-15
cis-1,3-Dichloropropene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Toluene	ND	0.20	ppb (v/v)	EPA-2 TO-15
trans-1,3-Dichloropropene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,1,2-Trichloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Tetrachloroethene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2-Dibromoethane (EDB)	ND	0.20	ppb (v/v)	EPA-2 TO-15
Chlorobenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Ethylbenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
m-Xylene & p-Xylene	ND	0.20	ppb (v/v)	EPA-2 TO-15
o-Xylene	ND	0.20	ppb (v/v)	EPA-2 TO-15

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H5A310101

Work Order #...: G3R071AA

Matrix.....: AIR

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Styrene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,1,2,2-Tetrachloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,3,5-Trimethylbenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2,4-Trimethylbenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,3-Dichlorobenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,4-Dichlorobenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2-Dichlorobenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Benzyl chloride	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2,4-Trichloro- benzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Hexachlorobutadiene	ND	0.20	ppb (v/v)	EPA-2 TO-15
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
1,2-Dichloroethane-d4	104		(70 - 130)	
Toluene-d8	102		(70 - 130)	
4-Bromofluorobenzene	101		(70 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H5A310101 Work Order #...: G3R071AC Matrix.....: AIR
 LCS Lot-Sample#: H5B040000-237
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #...: 5035237
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	100	(70 - 130)	EPA-2 TO-15
Benzene	94	(70 - 130)	EPA-2 TO-15
Trichloroethene	99	(70 - 130)	EPA-2 TO-15
Toluene	100	(70 - 130)	EPA-2 TO-15
Chlorobenzene	99	(70 - 130)	EPA-2 TO-15

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	102	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	101	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H5A310101 Work Order #...: G3R071AC Matrix.....: AIR
 LCS Lot-Sample#: H5B040000-237
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #...: 5035237
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
1,1-Dichloroethene	10.0	10.0	ppb (v/v)	100	EPA-2 TO-15
Benzene	10.0	9.42	ppb (v/v)	94	EPA-2 TO-15
Trichloroethene	10.0	9.89	ppb (v/v)	99	EPA-2 TO-15
Toluene	10.0	10.0	ppb (v/v)	100	EPA-2 TO-15
Chlorobenzene	10.0	9.91	ppb (v/v)	99	EPA-2 TO-15

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
1,2-Dichloroethane-d4	102	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	101	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

**ORIGINAL CHAIN OF CUSTODY
DOCUMENTATION**

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No.
Page 1 of

White: To accompany samples

Yellow: Field copy

Project Name/No. ¹ Belle Cleaners
Sample Team Members ² MTY/RJE
Profit Center No. ³ _____
Project Manager ⁴ Rich Izzo
Purchase Order No. ⁵ _____
Required Report Date ¹¹ 2/2/05

Samples Shipment Date ⁷ 1/19/05
Lab Destination ⁸ _____
Lab Contact ⁹ _____
Project Contact / Phone ¹² _____
Carrier / Waybill No. ¹³ _____

Bill to: ⁵ CA Rich Consultants Inc.
17 DuPont Street
Hannover, NY 11803
Report to: ¹⁰ Rich Izzo

ONE CONTAINER PER LINE

Sample ¹⁴ Number	Sample ¹⁵ Type	Date/Time ¹⁶ Collected	Container ¹⁷ Type	Sample ¹⁸ Volume	Pre- ¹⁹ servative	Requested Testing ²⁰ Program	Condition on Receipt ²¹ Lab use only
AS-01	Air	1/18/05 0855	SUMA cannister			CVOCs (TO-15)	Custody seals intact Y N ☒ NA Temperature received at <u>Ambient</u> Received by <u>ADF</u> Date <u>01-21-05</u> Number of packages <u>1</u> <u>FEDEX</u> Tracking # <u>850424525778</u> <u>ADF 01-21-05</u> <u>5 cans</u> <u>5 flows</u> <u>1 gauge</u>
AS-02		1/18/05 0850					
AS-03		1/18/05 0900					
AS-04		1/18/05 1130					
AS-05		1/18/05 1237					

Special Instructions: ²³

Possible Hazard Identification: ²⁴
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐
Turnaround Time Required: ²⁶ 2 Weeks
Normal ☐ Rush ☐ QC Level: ²⁷ I. ☐ II. ☐ III. ☐ Project Specific (specify): _____

1. Relinquished by ²⁸ Ed Pappas / CA Date: 1/19/05
(Signature / Affiliation) Time: _____
1. Relinquished by Andrew D. Flure Date: 01-21-05
(Signature / Affiliation) Time: 0930

Comments: ²⁹

H5A310101 Analytical Report.....	1
Sample Receipt Documentation.....	19
Total Number of Pages	20

SEVERN
TRENT

STL

STL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921

Tel: 865 291 3000 Fax: 865 584 4315
www.stl-inc.com

ANALYTICAL REPORT

CA Rich

Lot #: H5A310101

Steve Malinowski

CA Rich Consultants
17 DuPont Street
Plainview, NY 11803

SEVERN TRENT LABORATORIES, INC.



Scott A. Harris
Project Manager

February 8, 2005

ANALYTICAL METHODS SUMMARY

H5A310101

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Volatile Organics by TO15	EPA-2 TO-15

References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

SAMPLE SUMMARY

H5A310101

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G3GQL	001	AS-01	01/18/05	09:55
G3GQM	002	AS-02	01/18/05	09:50
G3GQN	003	AS-03	01/18/05	10:00
G3GQP	004	AS-04	01/18/05	12:30
G3GQQ	005	AS-05	01/18/05	12:37

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE

H5A310101

The results reported herein are applicable to the samples submitted for analysis only.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

Custody seals were not present upon sample receipt at STL Knoxville.

Quality Control

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

STL Knoxville maintains the following certifications, approvals and accreditations: Arkansas DEQ Cert. #04-041-0, California DHS ELAP Cert. #2423, Colorado DPHE, Connecticut DPH Cert. #PH-0223, Florida DOH Cert. #E87177, Georgia DNR Cert. #906 (SDWA, expires 6/24/05), Hawaii DOH, Illinois EPA Cert. #000687, Indiana DOH Cert. #C-TN-02, Iowa DNR Cert. #375, Kansas DHE Cert. #E-10349, Kentucky DEP Lab ID #90101, Louisiana DEQ Cert. #03079, Louisiana DOHH Cert. #LA030024, Maryland DHMH Cert. #277, Massachusetts DEP Cert. #M-TN009, Michigan DEQ Lab ID #9933, New Jersey DEP Cert. #TN001, New York DOH Lab #10781, North Carolina DPH Lab ID #21705, North Carolina DEHNR Cert. #64, Oklahoma DEQ ID #9415, Pennsylvania DEP Cert. #68-576, South Carolina DHEC Lab ID #84001001, Tennessee DOH Lab ID #02014, Utah DOH Cert. # QUAN3, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, Wisconsin DNR Lab ID #998044300, US Army Corps of Engineers, Naval Facilities Engineering Service Center, US EPA Perchlorate Approval and USDA Soil Permit #S-46424. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

CA RICH CONSULTANTS

Client Sample ID: AS-01

GC/MS Volatiles

Lot-Sample #....: H5A310101-001 Work Order #....: G3GQL1AD Matrix.....: AIR
 Date Sampled....: 01/18/05 Date Received...: 01/21/05
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #....: 5035237
 Dilution Factor: 5 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ppb (v/v)
n-Butylbenzene	ND	1.0	ppb (v/v)
sec-Butylbenzene	ND	1.0	ppb (v/v)
Carbon disulfide	ND	1.0	ppb (v/v)
Cumene	ND	1.0	ppb (v/v)
4-Isopropyltoluene	ND	1.0	ppb (v/v)
Naphthalene	ND	1.0	ppb (v/v)
n-Propylbenzene	ND	1.0	ppb (v/v)
Methyl tert-butyl ether	ND	2.5	ppb (v/v)
2-Butanone (MEK)	ND	2.5	ppb (v/v)
Dichlorodifluoromethane	ND	1.0	ppb (v/v)
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	1.0	ppb (v/v)
Chloromethane	ND	2.5	ppb (v/v)
Vinyl chloride	ND	1.0	ppb (v/v)
Bromomethane	ND	1.0	ppb (v/v)
Chloroethane	ND	1.0	ppb (v/v)
Trichlorofluoromethane	ND	1.0	ppb (v/v)
1,1-Dichloroethene	ND	1.0	ppb (v/v)
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ppb (v/v)
Methylene chloride	ND	2.5	ppb (v/v)
1,1-Dichloroethane	ND	1.0	ppb (v/v)
cis-1,2-Dichloroethene	ND	1.0	ppb (v/v)
Chloroform	ND	1.0	ppb (v/v)
1,1,1-Trichloroethane	ND	1.0	ppb (v/v)
Carbon tetrachloride	ND	1.0	ppb (v/v)
Benzene	ND	1.0	ppb (v/v)
1,2-Dichloroethane	ND	1.0	ppb (v/v)
Trichloroethene	ND	1.0	ppb (v/v)
1,2-Dichloropropane	ND	1.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb (v/v)
Toluene	ND	1.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	1.0	ppb (v/v)
1,1,2-Trichloroethane	ND	1.0	ppb (v/v)
Tetrachloroethene	ND	1.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb (v/v)
Chlorobenzene	ND	1.0	ppb (v/v)
Ethylbenzene	ND	1.0	ppb (v/v)

(Continued on next page)

CA RICH CONSULTANTS

Client Sample ID: AS-01

GC/MS Volatiles

Lot-Sample #....: H5A310101-001 Work Order #....: G3GQL1AD Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
m-Xylene & p-Xylene	ND	1.0	ppb (v/v)
o-Xylene	ND	1.0	ppb (v/v)
Styrene	ND	1.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	1.0	ppb (v/v)
1,3-Dichlorobenzene	ND	1.0	ppb (v/v)
1,4-Dichlorobenzene	ND	1.0	ppb (v/v)
1,2-Dichlorobenzene	ND	1.0	ppb (v/v)
Benzyl chloride	ND	1.0	ppb (v/v)
1,2,4-Trichloro- benzene	ND	1.0	ppb (v/v)
Hexachlorobutadiene	ND	1.0	ppb (v/v)
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
1,2-Dichloroethane-d4	104	(70 - 130)	
Toluene-d8	102	(70 - 130)	
4-Bromofluorobenzene	102	(70 - 130)	

CA RICH CONSULTANTS

Client Sample ID: AS-02

GC/MS Volatiles

Lot-Sample #....: H5A310101-002 Work Order #....: G3GQM1AD Matrix.....: AIR
 Date Sampled....: 01/18/05 Date Received...: 01/21/05
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #....: 5035237
 Dilution Factor: 5 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ppb (v/v)
n-Butylbenzene	ND	1.0	ppb (v/v)
sec-Butylbenzene	ND	1.0	ppb (v/v)
Carbon disulfide	ND	1.0	ppb (v/v)
Cumene	ND	1.0	ppb (v/v)
4-Isopropyltoluene	ND	1.0	ppb (v/v)
Naphthalene	ND	1.0	ppb (v/v)
n-Propylbenzene	ND	1.0	ppb (v/v)
Methyl tert-butyl ether	ND	2.5	ppb (v/v)
2-Butanone (MEK)	ND	2.5	ppb (v/v)
Dichlorodifluoromethane	ND	1.0	ppb (v/v)
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	1.0	ppb (v/v)
Chloromethane	ND	2.5	ppb (v/v)
Vinyl chloride	ND	1.0	ppb (v/v)
Bromomethane	ND	1.0	ppb (v/v)
Chloroethane	ND	1.0	ppb (v/v)
Trichlorofluoromethane	ND	1.0	ppb (v/v)
1,1-Dichloroethene	ND	1.0	ppb (v/v)
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ppb (v/v)
Methylene chloride	ND	2.5	ppb (v/v)
1,1-Dichloroethane	ND	1.0	ppb (v/v)
cis-1,2-Dichloroethene	ND	1.0	ppb (v/v)
Chloroform	ND	1.0	ppb (v/v)
1,1,1-Trichloroethane	ND	1.0	ppb (v/v)
Carbon tetrachloride	ND	1.0	ppb (v/v)
Benzene	ND	1.0	ppb (v/v)
1,2-Dichloroethane	ND	1.0	ppb (v/v)
Trichloroethene	ND	1.0	ppb (v/v)
1,2-Dichloropropane	ND	1.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb (v/v)
Toluene	ND	1.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	1.0	ppb (v/v)
1,1,2-Trichloroethane	ND	1.0	ppb (v/v)
Tetrachloroethene	ND	1.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb (v/v)
Chlorobenzene	ND	1.0	ppb (v/v)
Ethylbenzene	ND	1.0	ppb (v/v)

(Continued on next page)

CA RICH CONSULTANTS

Client Sample ID: AS-02

GC/MS Volatiles

Lot-Sample #....: H5A310101-002 Work Order #....: G3GQM1AD Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
m-Xylene & p-Xylene	ND	1.0	ppb (v/v)
o-Xylene	ND	1.0	ppb (v/v)
Styrene	ND	1.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	1.0	ppb (v/v)
1,3-Dichlorobenzene	ND	1.0	ppb (v/v)
1,4-Dichlorobenzene	ND	1.0	ppb (v/v)
1,2-Dichlorobenzene	ND	1.0	ppb (v/v)
Benzyl chloride	ND	1.0	ppb (v/v)
1,2,4-Trichloro- benzene	ND	1.0	ppb (v/v)
Hexachlorobutadiene	ND	1.0	ppb (v/v)
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
1,2-Dichloroethane-d4	104	(70 - 130)	
Toluene-d8	103	(70 - 130)	
4-Bromofluorobenzene	102	(70 - 130)	

CA RICH CONSULTANTS

Client Sample ID: AS-03

GC/MS Volatiles

Lot-Sample #....: H5A310101-003 Work Order #....: G3GQN1AD Matrix.....: AIR
 Date Sampled....: 01/18/05 Date Received...: 01/21/05
 Prep Date.....: 02/03/05 Analysis Date...: 02/04/05
 Prep Batch #....: 5035237
 Dilution Factor: 5 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Acetone	ND	25	ppb (v/v)
n-Butylbenzene	ND	1.0	ppb (v/v)
sec-Butylbenzene	ND	1.0	ppb (v/v)
Carbon disulfide	ND	1.0	ppb (v/v)
Cumene	ND	1.0	ppb (v/v)
4-Isopropyltoluene	ND	1.0	ppb (v/v)
Naphthalene	ND	1.0	ppb (v/v)
n-Propylbenzene	ND	1.0	ppb (v/v)
Methyl tert-butyl ether	ND	2.5	ppb (v/v)
2-Butanone (MEK)	ND	2.5	ppb (v/v)
Dichlorodifluoromethane	ND	1.0	ppb (v/v)
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	1.0	ppb (v/v)
Chloromethane	ND	2.5	ppb (v/v)
Vinyl chloride	ND	1.0	ppb (v/v)
Bromomethane	ND	1.0	ppb (v/v)
Chloroethane	ND	1.0	ppb (v/v)
Trichlorofluoromethane	ND	1.0	ppb (v/v)
1,1-Dichloroethene	ND	1.0	ppb (v/v)
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ppb (v/v)
Methylene chloride	ND	2.5	ppb (v/v)
1,1-Dichloroethane	ND	1.0	ppb (v/v)
cis-1,2-Dichloroethene	ND	1.0	ppb (v/v)
Chloroform	ND	1.0	ppb (v/v)
1,1,1-Trichloroethane	ND	1.0	ppb (v/v)
Carbon tetrachloride	ND	1.0	ppb (v/v)
Benzene	ND	1.0	ppb (v/v)
1,2-Dichloroethane	ND	1.0	ppb (v/v)
Trichloroethene	ND	1.0	ppb (v/v)
1,2-Dichloropropane	ND	1.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb (v/v)
Toluene	ND	1.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	1.0	ppb (v/v)
1,1,2-Trichloroethane	ND	1.0	ppb (v/v)
Tetrachloroethene	ND	1.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb (v/v)
Chlorobenzene	ND	1.0	ppb (v/v)
Ethylbenzene	ND	1.0	ppb (v/v)

(Continued on next page)

CA RICH CONSULTANTS

Client Sample ID: AS-03

GC/MS Volatiles

Lot-Sample #....: H5A310101-003 Work Order #....: G3GQN1AD Matrix.....: AIR

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
m-Xylene & p-Xylene	ND	1.0	ppb (v/v)
o-Xylene	ND	1.0	ppb (v/v)
Styrene	ND	1.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	1.0	ppb (v/v)
1,3-Dichlorobenzene	ND	1.0	ppb (v/v)
1,4-Dichlorobenzene	ND	1.0	ppb (v/v)
1,2-Dichlorobenzene	ND	1.0	ppb (v/v)
Benzyl chloride	ND	1.0	ppb (v/v)
1,2,4-Trichloro- benzene	ND	1.0	ppb (v/v)
Hexachlorobutadiene	ND	1.0	ppb (v/v)

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	103	(70 - 130)
Toluene-d8	103	(70 - 130)
4-Bromofluorobenzene	104	(70 - 130)

CA RICH CONSULTANTS

Client Sample ID: AS-04

GC/MS Volatiles

Lot-Sample #....: H5A310101-004 Work Order #....: G3GQP1AD Matrix.....: AIR
 Date Sampled....: 01/18/05 Date Received...: 01/21/05
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #....: 5035237
 Dilution Factor: 5 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	25	ppb (v/v)
n-Butylbenzene	ND	1.0	ppb (v/v)
sec-Butylbenzene	ND	1.0	ppb (v/v)
Carbon disulfide	1.0	1.0	ppb (v/v)
Cumene	ND	1.0	ppb (v/v)
4-Isopropyltoluene	ND	1.0	ppb (v/v)
Naphthalene	ND	1.0	ppb (v/v)
n-Propylbenzene	ND	1.0	ppb (v/v)
Methyl tert-butyl ether	5.5	2.5	ppb (v/v)
2-Butanone (MEK)	16	2.5	ppb (v/v)
Dichlorodifluoromethane	ND	1.0	ppb (v/v)
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	1.0	ppb (v/v)
Chloromethane	ND	2.5	ppb (v/v)
Vinyl chloride	9.4	1.0	ppb (v/v)
Bromomethane	ND	1.0	ppb (v/v)
Chloroethane	ND	1.0	ppb (v/v)
Trichlorofluoromethane	ND	1.0	ppb (v/v)
1,1-Dichloroethene	2.4	1.0	ppb (v/v)
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ppb (v/v)
Methylene chloride	ND	2.5	ppb (v/v)
1,1-Dichloroethane	ND	1.0	ppb (v/v)
cis-1,2-Dichloroethene	50	1.0	ppb (v/v)
Chloroform	ND	1.0	ppb (v/v)
1,1,1-Trichloroethane	ND	1.0	ppb (v/v)
Carbon tetrachloride	ND	1.0	ppb (v/v)
Benzene	ND	1.0	ppb (v/v)
1,2-Dichloroethane	ND	1.0	ppb (v/v)
Trichloroethene	16	1.0	ppb (v/v)
1,2-Dichloropropane	ND	1.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb (v/v)
Toluene	1.8	1.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	1.0	ppb (v/v)
1,1,2-Trichloroethane	ND	1.0	ppb (v/v)
Tetrachloroethene	47	1.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb (v/v)
Chlorobenzene	ND	1.0	ppb (v/v)
Ethylbenzene	ND	1.0	ppb (v/v)

(Continued on next page)

CA RICH CONSULTANTS

Client Sample ID: AS-04

GC/MS Volatiles

Lot-Sample #....: H5A310101-004 Work Order #....: G3GQP1AD Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
m-Xylene & p-Xylene	1.1	1.0	ppb (v/v)
o-Xylene	ND	1.0	ppb (v/v)
Styrene	ND	1.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	1.0	ppb (v/v)
1,3-Dichlorobenzene	ND	1.0	ppb (v/v)
1,4-Dichlorobenzene	ND	1.0	ppb (v/v)
1,2-Dichlorobenzene	ND	1.0	ppb (v/v)
Benzyl chloride	ND	1.0	ppb (v/v)
1,2,4-Trichloro- benzene	ND	1.0	ppb (v/v)
Hexachlorobutadiene	ND	1.0	ppb (v/v)
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
1,2-Dichloroethane-d4	104	(70 - 130)	
Toluene-d8	103	(70 - 130)	
4-Bromofluorobenzene	104	(70 - 130)	

CA RICH CONSULTANTS

Client Sample ID: AS-05

GC/MS Volatiles

Lot-Sample #....: H5A310101-005 Work Order #....: G3GQQ1AD Matrix.....: AIR
 Date Sampled....: 01/18/05 Date Received...: 01/21/05
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #....: 5035237
 Dilution Factor: 5 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	46	25	ppb (v/v)
n-Butylbenzene	ND	1.0	ppb (v/v)
sec-Butylbenzene	ND	1.0	ppb (v/v)
Carbon disulfide	4.8	1.0	ppb (v/v)
Cumene	ND	1.0	ppb (v/v)
4-Isopropyltoluene	ND	1.0	ppb (v/v)
Naphthalene	ND	1.0	ppb (v/v)
n-Propylbenzene	ND	1.0	ppb (v/v)
Methyl tert-butyl ether	5.0	2.5	ppb (v/v)
2-Butanone (MEK)	31	2.5	ppb (v/v)
Dichlorodifluoromethane	ND	1.0	ppb (v/v)
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	1.0	ppb (v/v)
Chloromethane	ND	2.5	ppb (v/v)
Vinyl chloride	3.5	1.0	ppb (v/v)
Bromomethane	ND	1.0	ppb (v/v)
Chloroethane	ND	1.0	ppb (v/v)
Trichlorofluoromethane	ND	1.0	ppb (v/v)
1,1-Dichloroethene	ND	1.0	ppb (v/v)
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ppb (v/v)
Methylene chloride	ND	2.5	ppb (v/v)
1,1-Dichloroethane	ND	1.0	ppb (v/v)
cis-1,2-Dichloroethene	27	1.0	ppb (v/v)
Chloroform	ND	1.0	ppb (v/v)
1,1,1-Trichloroethane	ND	1.0	ppb (v/v)
Carbon tetrachloride	ND	1.0	ppb (v/v)
Benzene	1.4	1.0	ppb (v/v)
1,2-Dichloroethane	ND	1.0	ppb (v/v)
Trichloroethene	2.4	1.0	ppb (v/v)
1,2-Dichloropropane	ND	1.0	ppb (v/v)
cis-1,3-Dichloropropene	ND	1.0	ppb (v/v)
Toluene	8.4	1.0	ppb (v/v)
trans-1,3-Dichloropropene	ND	1.0	ppb (v/v)
1,1,2-Trichloroethane	ND	1.0	ppb (v/v)
Tetrachloroethene	4.8	1.0	ppb (v/v)
1,2-Dibromoethane (EDB)	ND	1.0	ppb (v/v)
Chlorobenzene	1.5	1.0	ppb (v/v)
Ethylbenzene	ND	1.0	ppb (v/v)

(Continued on next page)

CA RICH CONSULTANTS

Client Sample ID: AS-05

GC/MS Volatiles

Lot-Sample #....: H5A310101-005 Work Order #....: G3GQQ1AD Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
m-Xylene & p-Xylene	3.4	1.0	ppb (v/v)
o-Xylene	1.2	1.0	ppb (v/v)
Styrene	ND	1.0	ppb (v/v)
1,1,2,2-Tetrachloroethane	ND	1.0	ppb (v/v)
1,3,5-Trimethylbenzene	ND	1.0	ppb (v/v)
1,2,4-Trimethylbenzene	ND	1.0	ppb (v/v)
1,3-Dichlorobenzene	ND	1.0	ppb (v/v)
1,4-Dichlorobenzene	ND	1.0	ppb (v/v)
1,2-Dichlorobenzene	ND	1.0	ppb (v/v)
Benzyl chloride	ND	1.0	ppb (v/v)
1,2,4-Trichloro- benzene	ND	1.0	ppb (v/v)
Hexachlorobutadiene	ND	1.0	ppb (v/v)
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS	
1,2-Dichloroethane-d4	104	(70 - 130)	
Toluene-d8	100	(70 - 130)	
4-Bromofluorobenzene	103	(70 - 130)	

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: H5A310101
 MB Lot-Sample #: H5B040000-237

Work Order #....: G3R071AA

Matrix.....: AIR

Analysis Date...: 02/03/05
 Dilution Factor: 1

Prep Date.....: 02/03/05
 Prep Batch #....: 5035237

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Naphthalene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Acetone	ND	5.0	ppb (v/v)	EPA-2 TO-15
n-Butylbenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
sec-Butylbenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Carbon disulfide	ND	0.20	ppb (v/v)	EPA-2 TO-15
Cumene	ND	0.20	ppb (v/v)	EPA-2 TO-15
4-Isopropyltoluene	ND	0.20	ppb (v/v)	EPA-2 TO-15
n-Propylbenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Methyl tert-butyl ether	ND	0.50	ppb (v/v)	EPA-2 TO-15
2-Butanone (MEK)	ND	0.50	ppb (v/v)	EPA-2 TO-15
Dichlorodifluoromethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Chloromethane	ND	0.50	ppb (v/v)	EPA-2 TO-15
Vinyl chloride	ND	0.20	ppb (v/v)	EPA-2 TO-15
Bromomethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Chloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Trichlorofluoromethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,1-Dichloroethene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Methylene chloride	ND	0.50	ppb (v/v)	EPA-2 TO-15
1,1-Dichloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
cis-1,2-Dichloroethene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Chloroform	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,1,1-Trichloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Carbon tetrachloride	ND	0.20	ppb (v/v)	EPA-2 TO-15
Benzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2-Dichloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Trichloroethene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2-Dichloropropane	ND	0.20	ppb (v/v)	EPA-2 TO-15
cis-1,3-Dichloropropene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Toluene	ND	0.20	ppb (v/v)	EPA-2 TO-15
trans-1,3-Dichloropropene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,1,2-Trichloroethane	ND	0.20	ppb (v/v)	EPA-2 TO-15
Tetrachloroethene	ND	0.20	ppb (v/v)	EPA-2 TO-15
1,2-Dibromoethane (EDB)	ND	0.20	ppb (v/v)	EPA-2 TO-15
Chlorobenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Ethylbenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
m-Xylene & p-Xylene	ND	0.20	ppb (v/v)	EPA-2 TO-15
o-Xylene	ND	0.20	ppb (v/v)	EPA-2 TO-15

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: H5A310101

Work Order #....: G3R071AA

Matrix.....: AIR

PARAMETER	RESULT	REPORTING			METHOD
		LIMIT	UNITS		
Styrene	ND	0.20	ppb (v/v)		EPA-2 TO-15
1,1,2,2-Tetrachloroethane	ND	0.20	ppb (v/v)		EPA-2 TO-15
1,3,5-Trimethylbenzene	ND	0.20	ppb (v/v)		EPA-2 TO-15
1,2,4-Trimethylbenzene	ND	0.20	ppb (v/v)		EPA-2 TO-15
1,3-Dichlorobenzene	ND	0.20	ppb (v/v)		EPA-2 TO-15
1,4-Dichlorobenzene	ND	0.20	ppb (v/v)		EPA-2 TO-15
1,2-Dichlorobenzene	ND	0.20	ppb (v/v)		EPA-2 TO-15
Benzyl chloride	ND	0.20	ppb (v/v)		EPA-2 TO-15
1,2,4-Trichloro- benzene	ND	0.20	ppb (v/v)		EPA-2 TO-15
Hexachlorobutadiene	ND	0.20	ppb (v/v)		EPA-2 TO-15
SURROGATE	PERCENT		RECOVERY		
	RECOVERY		LIMITS		
1,2-Dichloroethane-d4	104		(70 - 130)		
Toluene-d8	102		(70 - 130)		
4-Bromofluorobenzene	101		(70 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: H5A310101 Work Order #....: G3R071AC Matrix.....: AIR
 LCS Lot-Sample#: H5B040000-237
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #....: 5035237
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	100	(70 - 130)	EPA-2 TO-15
Benzene	94	(70 - 130)	EPA-2 TO-15
Trichloroethene	99	(70 - 130)	EPA-2 TO-15
Toluene	100	(70 - 130)	EPA-2 TO-15
Chlorobenzene	99	(70 - 130)	EPA-2 TO-15

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	102	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	101	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H5A310101 Work Order #...: G3R071AC Matrix.....: AIR
 LCS Lot-Sample#: H5B040000-237
 Prep Date.....: 02/03/05 Analysis Date...: 02/03/05
 Prep Batch #...: 5035237
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
1,1-Dichloroethene	10.0	10.0	ppb (v/v)	100	EPA-2 TO-15
Benzene	10.0	9.42	ppb (v/v)	94	EPA-2 TO-15
Trichloroethene	10.0	9.89	ppb (v/v)	99	EPA-2 TO-15
Toluene	10.0	10.0	ppb (v/v)	100	EPA-2 TO-15
Chlorobenzene	10.0	9.91	ppb (v/v)	99	EPA-2 TO-15

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
1,2-Dichloroethane-d4	102	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	101	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

STL Knoxville

5815 Middlebrook Pike • Knoxville, TN 37921-5947
Phone: (865) 291-3000 • Fax: (865) 584-4315
Receiving: (865) 291-3031

Project Name/No. 1 Belle Cleaners
Sample Team Members 2 MTR/RJE
Profit Center No. 3
Project Manager 4 Rich Izzo
Purchase Order No. 6
Required Report Date 11/23/05

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Samples Shipment Date 7 1/19/05
Lab Destination 8
Lab Contact 9
Project Contact / Phone 12
Carrier / Waybill No. 13

White: To accompany samples
Reference Document No. CA Rich Consultants
Page 1 of 17 Dupont Street
Hannover, NY 11803
Report to: 10 Rich Izzo

Yellow: Field copy

ONE CONTAINER PER LINE

Sample ¹⁴ Number	Sample ¹⁵ Type	Date/Time ¹⁶ Collected	Container ¹⁷ Type	Sample ¹⁸ Volume	Pre- ¹⁹ servative	Requested Testing ²⁰ Program	Condition on Receipt ²¹ Lab use only
AS-01	Air	1/18/05	SMA Cannister			CVOCS (TO-15)	Custody seals intact Y N ☒ NA
AS-02		0855-0955					Temperature received at Ambient
AS-03		0850-0950					Received by ADF Date 01-21-05
AS-04		0900-1000					Number of packages 1 FEDEX
AS-05		1130-1230					Tracking # 850424625778
		1137-1237					ADF 01-21-05
							5 cans
							5 flows
							1 gage

Special Instructions: ²³

Possible Hazard Identification: ²⁴
Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐
Turnaround Time Required: 2 Weeks QC Level: 1
Normal ☐ Rush ☐
1. Relinquished by 28 Date: 1/19/05
(Signature / Affiliation) Rich Izzo Time: 11:40
1. Relinquished by 29 Date: 01-21-05
(Signature / Affiliation) Andrew D. Sullivan Time: 0930

Comments: ²⁹

STL KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Client: CA Rich Consultants Project: Belle Cleaners Lot Number: HSAA10101

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ 1a Do not match COC ☐ 1b Incomplete information ☐ 1c Marking smeared ☐ 1d Label torn ☐ 1e No label ☐ 1f COC not received ☐ 1g Other:	
2. Is the cooler temperature within limits? (North Carolina, 1668, 1613B: 0-4°C; VOST: 10°C) (Cooler temp should be used only if no temp blank.)		✓		☐ 2a Temp Blank = _____ ☐ 2b Cooler Temp = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?		✓		☐ 3a Sample preservative =	
4. Were custody seals present/intact on cooler and/or containers?		✓		☒ 4a Not present ☐ 4b Not intact ☐ 4c Other:	
5. Were all of the samples listed on the COC received?	✓			☐ 5a Samples received-not on COC ☐ 5b Samples not received-on COC	
6. Were all of the sample containers received intact?	✓			☐ 6a Leaking ☐ 6b Broken	
7. Were VOA samples received without headspace?		✓		☐ 7a Headspace (VOA only)	
8. Were samples received in appropriate containers?	✓			☐ 8a Improper container	
9. Did you check for residual chlorine, if necessary?		✓		☐ 9a Could not be determined due to matrix interference	
10. Were samples received within holding time?	✓			☐ 10a Holding time expired	
11. For rad samples, was sample activity info. provided?		✓		☐ Incomplete information	
12. For SOG water samples (1613B, 1668A, 8290, LR PAHs), do samples have visible solids present?		✓		If yes, was SOG notified? _____	
13. Are the shipping containers intact?	✓			☐ 13a Leaking ☐ 13b Other:	
14. Was COC relinquished? (Signed/Dated/Timed)		✓		☒ 14a Not relinquished by client	
15. Are tests/parameters listed for each sample?	✓			☐ 15a Incomplete information	
16. Is the matrix of the samples noted?	✓			☐ 15a Incomplete information	
17. Is the date/time of sample collection noted?	✓			☐ 15a Incomplete information	
18. Is the client and project name/# identified?	✓			☐ 15a Incomplete information	
19. Was the sampler identified on the COC?	✓				

Quote #: _____ PM Instructions: _____

Sample Receiving Associate: Andrew N. Feltner Date: 01-24-05

QA026R15.doc, 11/15/04

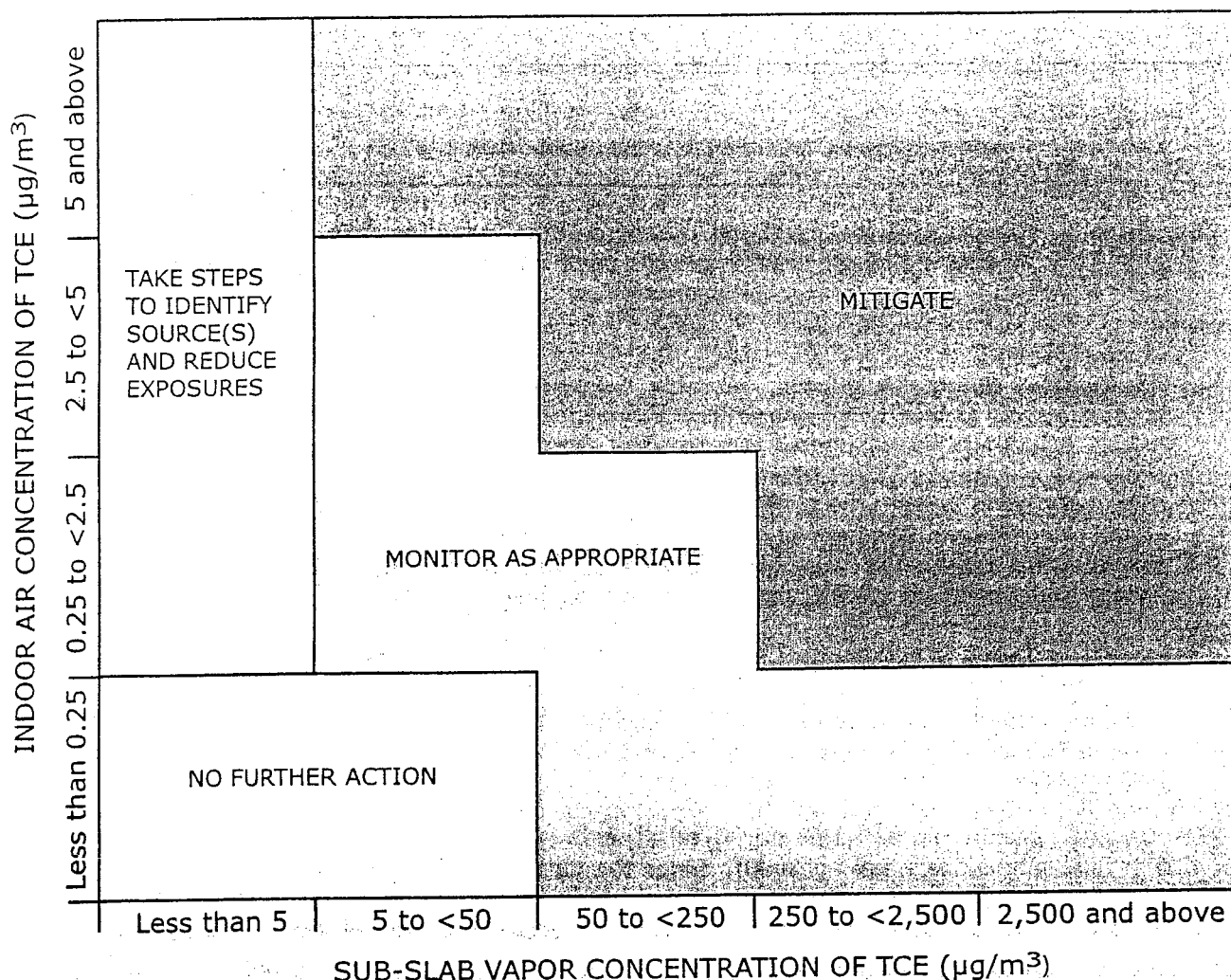
Appendix B

SOIL VAPOR / INDOOR AIR DECISION DIAGRAM

Soil Vapor / Indoor Air Decision Diagram for TCE

WORKING DRAFT 10.25.04

SUBJECT TO CHANGE



No further action: Given that TCE was not detected in the indoor air sample and that the concentration detected in the sub-slab vapor sample is not expected to significantly affect indoor air quality, no additional actions are needed to address human exposures.

Take steps to identify source(s) and reduce exposures: The concentration detected in the indoor air sample is likely due to indoor and/or outdoor sources rather than soil vapor intrusion given the concentration detected in the sub-slab vapor sample. Therefore, steps should be taken to identify potential source(s) and to reduce exposures accordingly (e.g., by keeping containers tightly capped or by storing volatile organic compound-containing products in places where people do not spend much time, such as a garage or outdoor shed).

Monitor as appropriate: Monitoring is needed to confirm concentrations in the indoor air have not changed due to changes in pressure gradients (e.g., deterioration of building foundation) or to evaluate temporal trends for relevant environmental data. Monitoring may also be needed to verify that existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are minimizing potential effects associated with soil vapor intrusion. The type and frequency of monitoring is determined on a site-specific basis, taking into account applicable environmental data and building operating conditions. Monitoring is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: Mitigation is needed to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system, and changing the pressure within the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

ADDITIONAL TCE DECISION DIAGRAM NOTES

This decision diagram provides guidance on actions that should be taken to address current and potential exposures related to soil vapor intrusion. To use the decision diagram accurately as a tool in the decision-making process, the following must be noted:

- [1] The decision diagram is generic. As such, it may be necessary to modify recommended actions to accommodate building-specific conditions (e.g., dirt floor in basement, crawl spaces, etc.) and/or site-specific conditions (e.g., proximity of building to identified subsurface contamination) for the protection of public health. Additionally, actions more conservative than those specified within the decision diagram may be implemented at any time. More conservative actions are often cost-based (e.g., the cost of additional sampling versus the cost of mitigation) rather than health-based.
- [2] Actions provided in the decision diagram are specific to addressing human exposures. Implementation of these actions does not preclude the need to investigate possible sources of vapor contamination, nor does it preclude the need to remediate contaminated soil vapors or the source of soil vapor contamination.
- [3] Extreme care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental decision diagram combinations. Furthermore, samples must be analyzed by methods that can achieve a minimum reporting limit of 0.25 microgram TCE per cubic meter.
- [4] Sub-slab vapor and indoor air samples are typically collected during the heating season since soil vapor intrusion is more likely to occur when a building's heating system is in operation and air is being drawn into the building. If samples are collected during other times of the year, it may be necessary to resample during the heating season to evaluate exposures accurately.
- [5] When current exposures are attributed to sources other than vapor intrusion, the agencies must be provided documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the decision diagram box and to support agency assessment and follow-up.