R.T. HICKS CONSULTANTS, LTD.
901 Rio Grande Boulevard NW ▲ Suite F-142 ▲ Albuquerque, NM 87104 ▲ 505.266.5004 ▲ Fax: 505.266.0745

December 3, 2003

Eva Chu
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

RE: Submission of Soil and Ground Water Investigation at 4050 Horton Street Emeryville, CA

Dear Ms. Chu:

On behalf of Plywood and Lumber Sales, Inc. (PALS), R.T. Hicks Consultants Ltd. is pleased to submit this Soil and Ground Water Investigation for the aforementioned property.

Data collected during the investigation indicates that the former presence of an underground storage tank at the property does not present a threat to human health or the environment.

We respectfully request that you close the environmental file for the site.

Sincerely,
R.T. Hicks Consultants Ltd.,

Michelle Hunter
Project Scientist

Randall Hicks, RG
Principal

REGISTERED GEOLOGIST
RANDALL T. HICKS
No. 4468
12/3/03
STATE OF CALIFORNIA

c: Mike Carey, LMA
Jeff Hunt, PALS
Mike Bloomfield, PALS
Randall Morrison, CHRM

December 2003

Soil Boring and Ground Water Investigation

4050 Horton Street

R.T. Hicks Consultants, Ltd.

901 Rio Grande Blvd. NW, Suite F-142, Albuquerque, NM 87104

December 1, 2003

Soil Boring and Ground Water Investigation

4050 HORTON STREET
EMERYVILLE, CALIFORNIA

Prepared for:

Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

R.T. [illegible] ENGINEERS, Ltd.
[illegible] NM 87104

1.0 Executive Summary

The property located at 4050 Horton Street in Emeryville had an Underground Storage Tank (UST) that was removed in 1990. During excavation of the tank, field observations demonstrated that it had leaked petroleum hydrocarbons into the subsurface. The owner of the property removed approximately 500 cubic yards of hydrocarbon and lead impacted soil and subsequently submitted several reports regarding soil and ground water investigations to the UST Local Oversight Program at the Alameda County Health Care Services Agency. For several years thereafter, the property owners received no communication from the agency and activity at the site was nil. In 2003, the property owners voluntarily contacted the agency in an effort to move the site toward regulatory site closure. The result of that communication was the subsurface investigation described herein.

During an October 2003 ground water, soil, and soil vapor collection field program at the property, we found the following:

- A single soil sample located at 5 feet below ground surface exhibits residual petroleum hydrocarbons. No other soil samples exhibit petroleum hydrocarbons.
- There are no petroleum hydrocarbons in ground water.
- One soil vapor result exhibited 114 ug/m^3 benzene, which is above the Environmental Screening Level used by the Regional Water Quality Control Board of 84 ug/m^3.
- The data presented herein show that the residual hydrocarbons associated with the underground storage tank formerly present at the property consist of one soil vapor sample and one soil sample. We conclude that this minimal mass of subsurface petroleum hydrocarbons does not present a threat to human health or the environment.
- The documented lack of residual petroleum hydrocarbons obviated the need for any formal risk assessment for the property

The data and evaluation permit us to recommend closure of the regulatory file associated with the former UST

2.0 Purpose

The purpose of the field investigation at 4050 Horton Street in Emeryville is to determine if any residual material from a Leaking Underground Storage Tank (LUST), which was removed in 1990 and was located beneath the sidewalk at the property, currently presents a risk to human health or the environment. Plate 1 is a map of Emeryville that shows the location of the 4050 Horton Street property. Figure 1 is a photograph looking east toward the front of the PALS building.

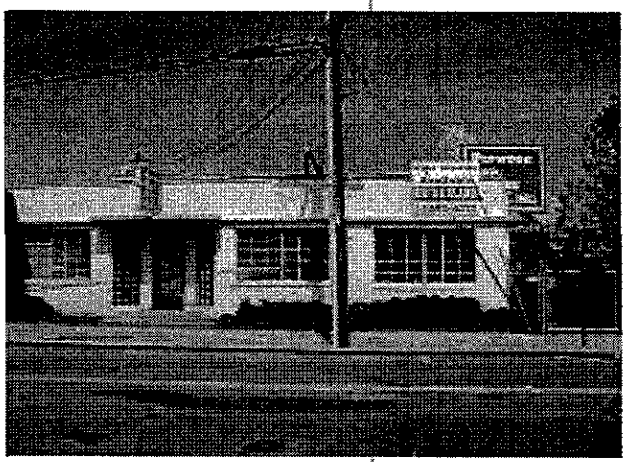


Figure 1: Photograph of the front of PALS on Horton Streetlooking east

An ancillary purpose of this investigation is to determine to what extent, if any, regional industrial activity has impacted the site.

The City of Emeryville was a hub of industrial activity in the Bay Area for over 50 years. Now these industrial parcels throughout the city are being changed to other uses. Many environmental investigations near the property have identified industrial chemicals in the subsurface of much of the private and public properties in the City. Generally, property that contains industrial chemicals may be converted to residential or office use without an active environmental remedy if an appropriate risk assessment determines that a redevelopment will not pose a threat to human health.

3.0 Introduction-History

The property located at 4050 Horton is the former site of a scrap metal sales business, a paper recycling facility, and a lumberyard. Sometime prior to 1988, an underground storage tank (UST) was installed beneath the sidewalk on Horton Street just north of 40th Street. Figure 2 is a photograph of the lumberyard, while in operation.

Figure 2: Photograph of the lumberyard while in operation.

When Plywood and Lumber Sales (PALS) purchased the property in 1988, they had no knowledge of the UST because its presence was not disclosed during the transaction. In 1989, Alameda County Health Care Services Agency (ACHCSA) informed PALS that they must either register the tank at the property or remove it. In 1990, PALS contracted with Zaccor Incorporated (Zaccor) to remove the 1000- gallon tank.

The 1990 Zaccor UST removal report indicates that hydrocarbon odor was apparent in the tank excavation and analytical results indicated the presence of petroleum hydrocarbons and 1,2 - Dichloroethane in ground water near the tank excavation. Additionally, analytical results indicate that petroleum hydrocarbons, chromium, lead, nickel, and zinc were present in ground water obtained from the excavation pit during the tank removal.

In 1992, PALS contracted with Subsurface Consultants Incorporated (SCI) to further delineate the magnitude and extent of the UST leak. In 1992 and 1993, SCI drilled and sampled fifteen test borings, submitted soil borings and one ground water grab sample for analytical characterization, and evaluated the laboratory data. In their conclusions, SCI stated that the hydrocarbon impact was limited in extent and that concentrations of lead in soil were not alone sufficient to necessitate a remediation. However, after evaluating the hydrocarbon concentrations coupled with lead levels, SCI recommended removing the impacted soil and replacing it with clean fill. In their November 1993 report, SCI also recommended installing a monitoring well in Horton Street, downgradient from the former location of the tank.

In June 1994, ACHCSA approved SCI's soil removal workplan and monitoring well installation.

In July 1994, SCI observed the removal of approximately 500 cubic yards of petroleum hydrocarbon and lead impacted soil from the site.

In March 1995, ACHCSA requested a ground water monitoring investigation at 4050 Horton.

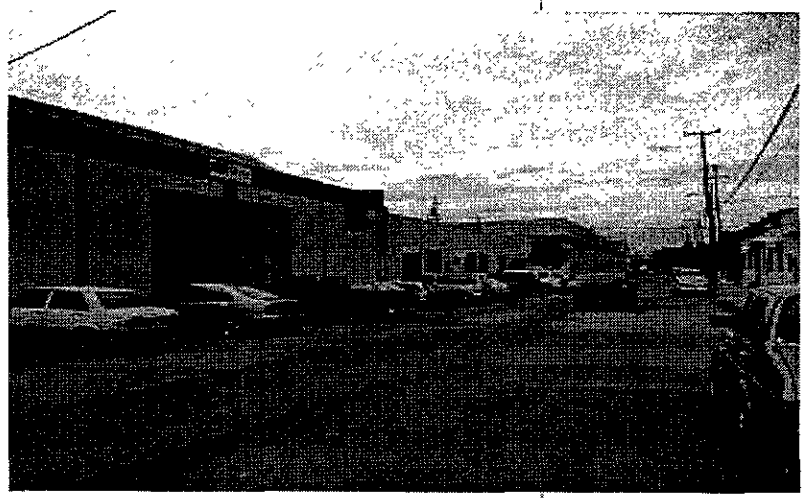


Figure 3: Photograph looking north toward Park Avenue from Horton and 40th Streets.

In May 1995, SCI evaluated the placement of the Electro-Coatings Incorporated (ECI) monitoring wells located in Horton Street to determine if they could monitor potential petroleum hydrocarbon impacts from the former UST at 4050 Horton using ECI's monitoring wells. SCI concluded that neither of the wells in Horton Street were placed near enough to the former location of the UST to effectively monitor the site. Therefore, SCI proposed to take a ground water grab sample approximately 10 feet down gradient from the former location of the UST.

In January 1996, SCI acquired a grab ground water sample down gradient from the former location of the UST. The ground water sample displayed concentrations of several constituents above ground water standards. These constituents and concentrations are: 60 ppb benzene, 190 ppb trichloroethene (TCE), and 56,000 ppb of hexavalent chromium. In their document, SCI concluded that the concentrations of TCE and hexavalent chromium indicate that the ground water at this location beneath Horton Street is impacted by the former location of the adjacent ECI chromium plating facility. ECI's monitoring wells present in Horton Street exhibit a chemical signature nearly identical to that found at the property. Compared to the concentration of hexavalent chromium, the petroleum hydrocarbons from the former UST did not increase the risk profile of the property. ACHCSA did not respond to the submission of SCI that described this activity.

In 2003, PALS moved their lumberyard to Oakland and decided to sell the Horton Street property. During due diligence, PALS realized that the environmental file associated with the UST had never been closed and

requested closure by the ACHCSA. After a review of the file, ACHCSA requested a field program consisting of ground water sampling, soil sampling, soil vapor sampling, and a risk assessment in order to evaluate closure of the file.

In August 2003, PALS submitted a workplan to ACHCSA describing implementation of the required field program elements. In September 2003, ACHCSA approved the field program, and in October 2003 we implemented the program, with some required field modifications.

4.0 Regulatory Considerations

Alameda County Health Care Services Agency is the administrator of the UST local oversight program (LOP) in Emeryville. The Alameda County LOP administers any site within the City of Emeryville that currently has a petroleum UST or formerly had a leaking underground storage tank (LUST) that is still under investigation. The Regional Water Quality Control Board (RWQCB) administers environmental sites with impacts to ground water and soil that do not involve petroleum LUSTs. Generally, when a site has both a UST and is part of an enforcement action administered by the RWQCB, the LOP takes the role of lead agency until the LUST issues are resolved. The site is then "passed" to the RWQCB to resolve the other environmental issues. The adjacent property at 1421 Park Avenue is an example of such a situation. 1421 Park Avenue had a LUST that was investigated and eventually closed by the LOP. The RWQCB now administers the non-UST ground water impacts at this site.

Adjacent Environmental Sites

In 1983, Electro-Coatings Inc. (ECI), a chrome plating facility located approximately 100 feet east of the subject property, drilled three monitoring wells in Horton Street to help define the magnitude and extent of dissolved chromium (hexavalent) in ground water.

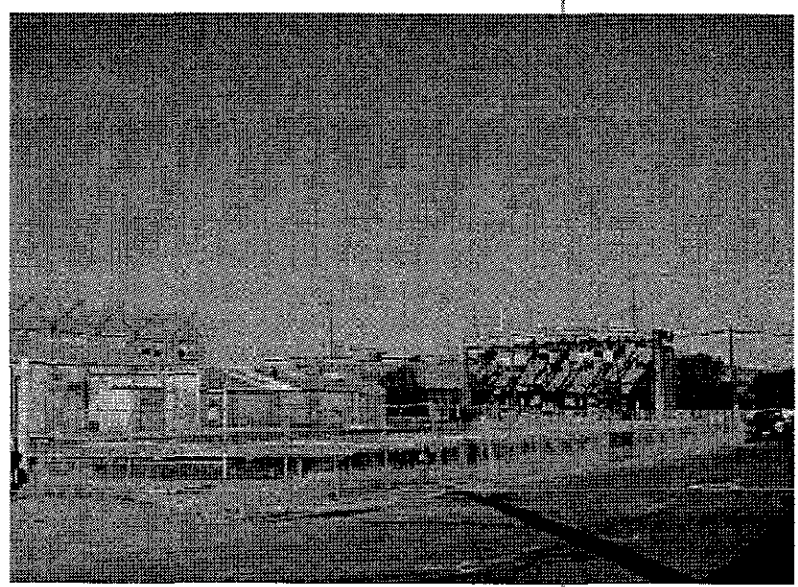


Figure 4: Photograph looking northwest toward the former Electro-Coatings facility located at 1401 Park Avenue from Holden Street (one block east of Horton)

Data collected by ECI from these monitoring wells in Horton Street indicate that ground water beneath the 4050 Horton Street property is impacted with hexavalent chromium and chlorinated solvents. In the past, because of the close proximity to the property at 4050 Horton, both the RWQCB and the ACHCDA considered the ECI facility the source for these chemicals present in the ground water beneath Horton Street

5.0 Ground Water and Soil Investigation

On October 7, 2003, R.T. Hicks Consultants mobilized to the 4050 Horton Street property with Precision Sampling. Due to constraints of the drilling equipment, we could not use the same boreholes for soil vapor and other media sampling. Therefore, we commenced with the soil vapor survey first.

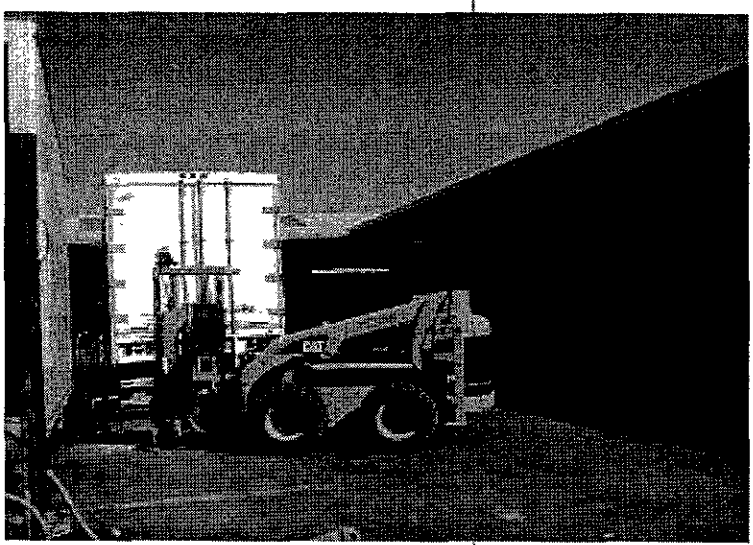


Figure 5· Photograph of soil boring equipment at SB#4

We initially selected a location beneath the canopy on the east side of the site, for the first borehole. After several minutes of coring, it became apparent that concrete lay beneath the asphalt. Therefore, we selected another location several feet from the first (see Plate 2) where we were able to penetrate the asphalt cap. In order to avoid other locations with concrete located beneath the asphalt, we selected borehole locations in the middle of the parcel and in Horton Street. Plate 2 is a site map that displays the locations of the boreholes.

We continuously logged all borings and screened each with a photoionization (PID) detector. With the exception of SS#1 - 5 feet, the PID did not detect hydrocarbons in any of the soil samples.

The majority of the soil at the site is stiff silty clays with some gravel. We did not encounter ground water at ten feet, as expected. We drilled SS#1, SS#2, and SS#3 to fifteen feet; ground water flowed into SS#1 and SS#2 within an hour. Because ground water did not flow into SS#3 and SS#4, we capped the PVC pipes and remobilized to the site the following day to determine if we could collect a ground water sample from either borehole. We were able to collect a sample from SS#3, but SS#4 did not have sufficient water for a sample

Laboratory Results

We requested that Test America Inc. of Nashville, Tennessee analyze four soil vapor samples for volatile organics compounds (which include gasoline hydrocarbons, MTBE, and chlorinated solvents). There was not a sufficient sample for a Total Petroleum Hydrocarbon gasoline (TPHg) analysis. All laboratory certificates of analysis are included as Appendix A.

We requested that Curtis and Tompkins of Berkeley, California analyze eight soil samples for volatile organic compounds, TPHg, and hexavalent chromium. We also asked Curtis and Tompkins to analyze three water samples for the same parameters.

Table 1 displays the results of the soil vapor survey. Table 2 displays the results of the soil and water analyses. Results above the RWQCB Environmental Screening Levels (ESLs) are bolded.

The RWQCB developed the ESLs to evaluate sites with environmental impacts. The RWQCB bases the published ESL values on risk assessment calculation results that represent an acceptable environmental risk. Therefore, if a laboratory result is less than or equal to the ESL value, that constituent is not considered a threat to human health or the environment at the site. Depending on site conditions, risk calculations usually show that if a laboratory result is less than 10 times the ESL, the associated risk is within acceptable parameters. The data presented below show that while two of the samples at the site are above the ESLs, they are within this range.

Air Samples

The soil vapor samples detected chlorinated hydrocarbons, petroleum hydrocarbons, and MTBE. All sample concentrations were below the RWQCB ESLs with the exception of Air Sample #2 for Benzene. The ESL for Benzene in soil vapor is 84 ug/m^3. Sample #2 had a concentration of 114 ug/m^3 (See Table 2)

Soil Samples

Petroleum Hydrocarbons

With the exception of SS#1 – 5 feet, no soil samples displayed detectible concentrations of petroleum hydrocarbons. In this sample, all petroleum constituents, are below the ESLs with the exception of benzene. The

sample had a benzene concentration of 57 ppb, and the ESL is 44 ppb. Obviously, the petroleum impact is limited as no petroleum hydrocarbons were detected in samples 10 feet or 15 feet from SS#1.

Hexavalent Chromium

All of the soil columns exhibit hexavalent chromium above the ESL. SS#1 - 10 feet, SS#1 - 15 feet, SS#2 - 15 feet, SS#3 - 10 feet display concentrations well above the ESL of 1804 ppb, with concentrations of 2800 ppb, 6500 ppb, 2800 ppb, and 4800 ppb, respectively. Because the concentrations of chromium increase with depth, we conclude that the ground water is the source of soil chromium rather than any surface release.

Methylene Chloride

Seven of the eight samples exhibit methylene chloride, and one sample exhibited acetone. A laboratory re-run of one of the samples confirmed that soil samples in the unsaturated zone contain methylene chloride. Ground water did not exhibit methylene chloride and we found no evidence that methylene choride was used at the property. Therefore, we are unsure if these levels of methylene chloride are attributable to laboratory contamination or are actually present in the subsurface at the property. Two of the seven samples exhibit methylene chloride concentrations above the ESL. The methylene chloride concentration of SS #3-10 feet is 89 ppb; SS #1-15 feet (saturated zone) is 170 ppb; the ESL is 77. The lack of methylene chloride in ground water (see below) demonstrates that this constituent is sorbed to the soils and sediments of the clay-rich subsurface at SS#1-15 feet.

Ground Water Samples

All of the ground water samples exhibit, Tetrachloroethene (PCE), trichloroethene (TCE), and Dichloroethene (DCE). The samples also found low levels of dichloropropane. Additionally, all water samples detected hexavalent chromium. With the exception of TPHg, discussed below, petroleum hydrocarbons constituents are not present in any of the water samples.

Although SS #1 displayed a concentration of 110 ppb TPHg, the laboratory noted that the chromatogram was not indicative of a gasoline standard pattern and had a separate and distinct peak. We believe that

the TCE in this sample appeared as a peak on the flame ionization detector (FID) used for analysis of TPH. An analytical chemist explained that if the FID detects a compound within the range of the gasoline pattern, it is quantified as present, even if it is not indicative of gasoline- which appears as a series of peaks. The absence of all gasoline constituents such as benzene and toluene allows us to conclude that the water sample has no petroleum hydrocarbons and the laboratory agrees with our assessment.

As noted above, all three water samples exhibited chlorinated solvents. SS #1 and SS #2 had concentrations of PCE at 7.7 ppb and 7.2 ppb, respectively; slightly above the ESL of 5. All three samples display concentrations of TCE. The TCE concentration in SS #1 is 98 ppb; SS #2 is 68; SS #3 is 36. The ESL is 5 ppb.

All samples had concentrations of 1,2 cis-dichloropropane. Samples SS#1, SS#2, and SS#3 displayed 31 ppb, 26 ppb, and 32 ppb, respectively.

Hexavalent chromium was present in SS#1 at 9900 ppb, SS#2 at 14000 ppb, and SS#3 at 6600 ppb. The ESL for hexavalent chromium is 11ppb.

6.0 Conclusions and Recommendations

The petroleum hydrocarbon impacts from the UST formerly located at 4050 Horton consist of residual gasoline constituents present in soil sample SS#1-5 feet. The TPHg result is below the ESL and benzene is present just above the ESL. These petroleum hydrocarbon constituents in SS #1 are isolated to the upper portion of the soil column and are not migrating into lower soil depths or into ground water. Additionally, no petroleum constituents appear in the ground water at the site. Finally, with the exception of benzene, all soil vapor samples are below RWQCB ESLs. The soil vapor sample that displays benzene above the ESL is minimally above (30 ppb above the ESL). We input this benzene result into the Johnson and Ettinger model for soil vapor intrusion and the result is 1.6×10^{-6}, well within the parameters considered acceptable. Because subsurface petroleum hydrocarbons were present in only one soil sample and one soil vapor sample, we elected to forego submission of a formal risk assessment for the site. We conclude that the data gathered during our field program are sufficient to show that residual hydrocarbons from the formerly present UST no longer present a threat to human health or the environment and the file should be closed.

The offsite migration of chlorinated solvents and chromium can be addressed quickly and easily with an injection of a reducing agent such as cheese whey. This strategy has been used successfully on sites surrounding the 4050 Horton Street property and we have planned an injection event for the first week of January 2004.

TABLES

Table 1. Soil Vapor Survey Results

Sample	Analyte	Result	ESL
	Air ug/m^3		
#1	Dichlorodifluoromethane	2.5	
	Chloromethane	1.04	1351.8519
	m, p-Xylene	177	20857.143
	o-xylene	66.7	
	Toluene	115	83428.571
	Benzene	19.8	83.908046
	Ethylbenzene	110	2212.1212
	Methyl-t-butyl ether	27.9	9358.9744
#2	Dichlorodifluoromethane	2.5	
	Chloromethane	1.04	1351.8519
	m, p-Xylene	221	20857.143
	o-xylene	50.8	
	Toluene	82	83428.571
	Benzene	**114**	83.908046
	Ethylbenzene	86.6	2212.1212
	Methyl-t-butyl ether	9.17	9358.9744
#3	Dichlorodifluoromethane	2.5	
	m, p-Xylene	398	20857.143
	o-xylene	57.4	
	Toluene	73.2	83428.571
	Ethylbenzene	265	2212.1212
	Methyl-t-butyl ether	8.8	9358.9744
#4	Chloromethane	2.4	1351.8519
	m, p-Xylene	287	20857.143
	o-xylene	132	
	Toluene	460	83428.571
	Ethylbenzene	309	2212.1212

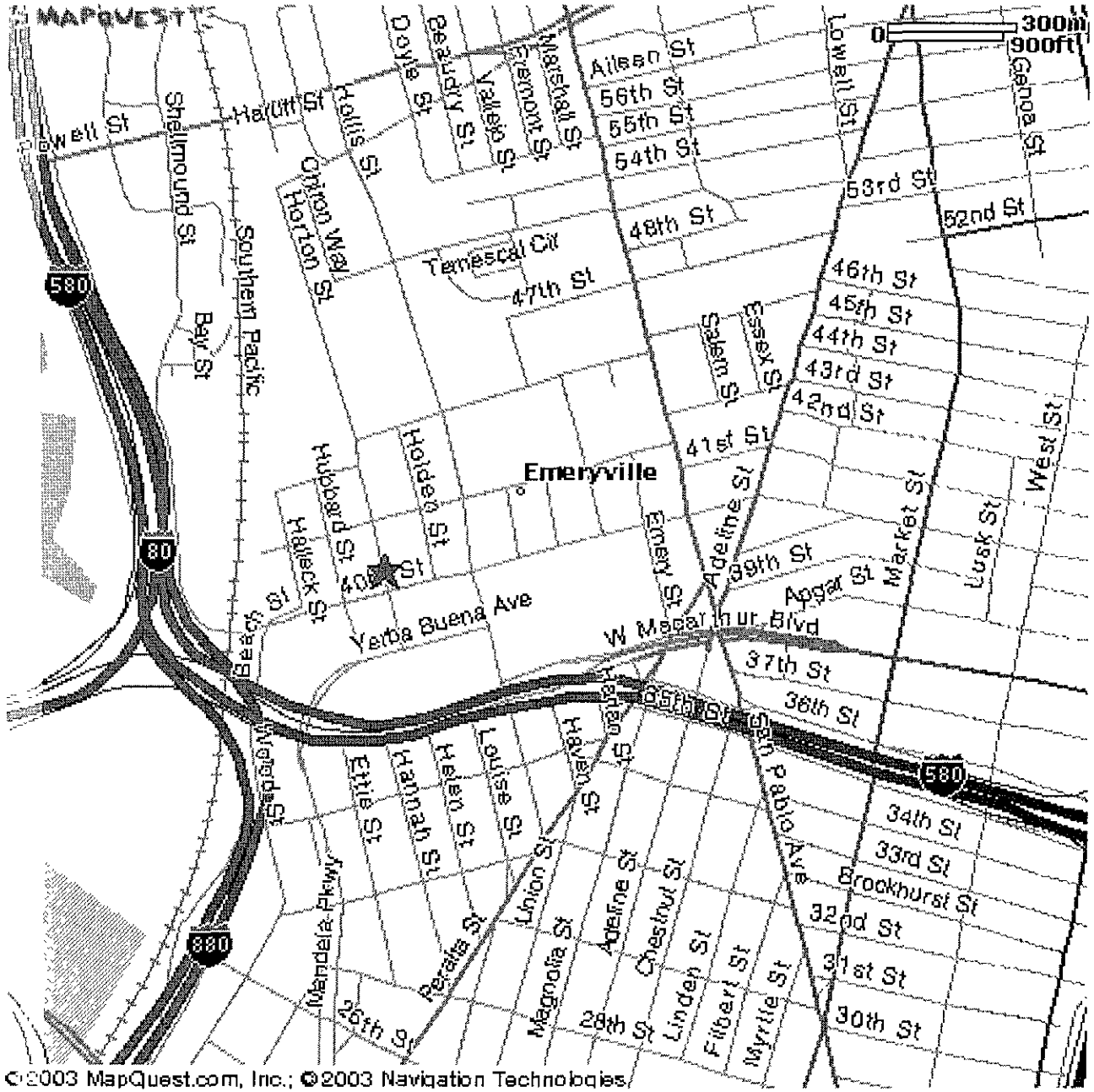
Table 2. Results of Soil & Water Analyses

Sample	Analyte	Result	ESL
	Water ug/L		
SS1	Gasoline C7-C12	**110**	100
SS1	trans-1, 2-Dichloroethene	6.5	10
SS1	cis-1, 2-Dichloropropane	**31**	6
SS1	Trichloroethene	**98**	5
SS1	Tetrachloroethene	**7.7**	5
SS1	Hexavalent Chromium	**9900**	11
SS2	Gasoline C7-C12	ND	100
SS2	trans-1, 2-Dichloroethene	6	10
SS2	cis-1, 2-Dichloropropane	**26**	6
SS2	Trichloroethene	**68**	5
SS2	Tetrachloroethene	**7.2**	5
SS2	Hexavalent Chromium	**14000**	11
SS3	trans-1, 2-Dichloroethene	8.8	10
SS3	cis-1, 2-Dichloropropane	**32**	6
SS3	Trichloroethene	**36**	5
SS3	Hexavalent Chromium	**6600**	11

Table 2. Results of Soil & Water Analyses

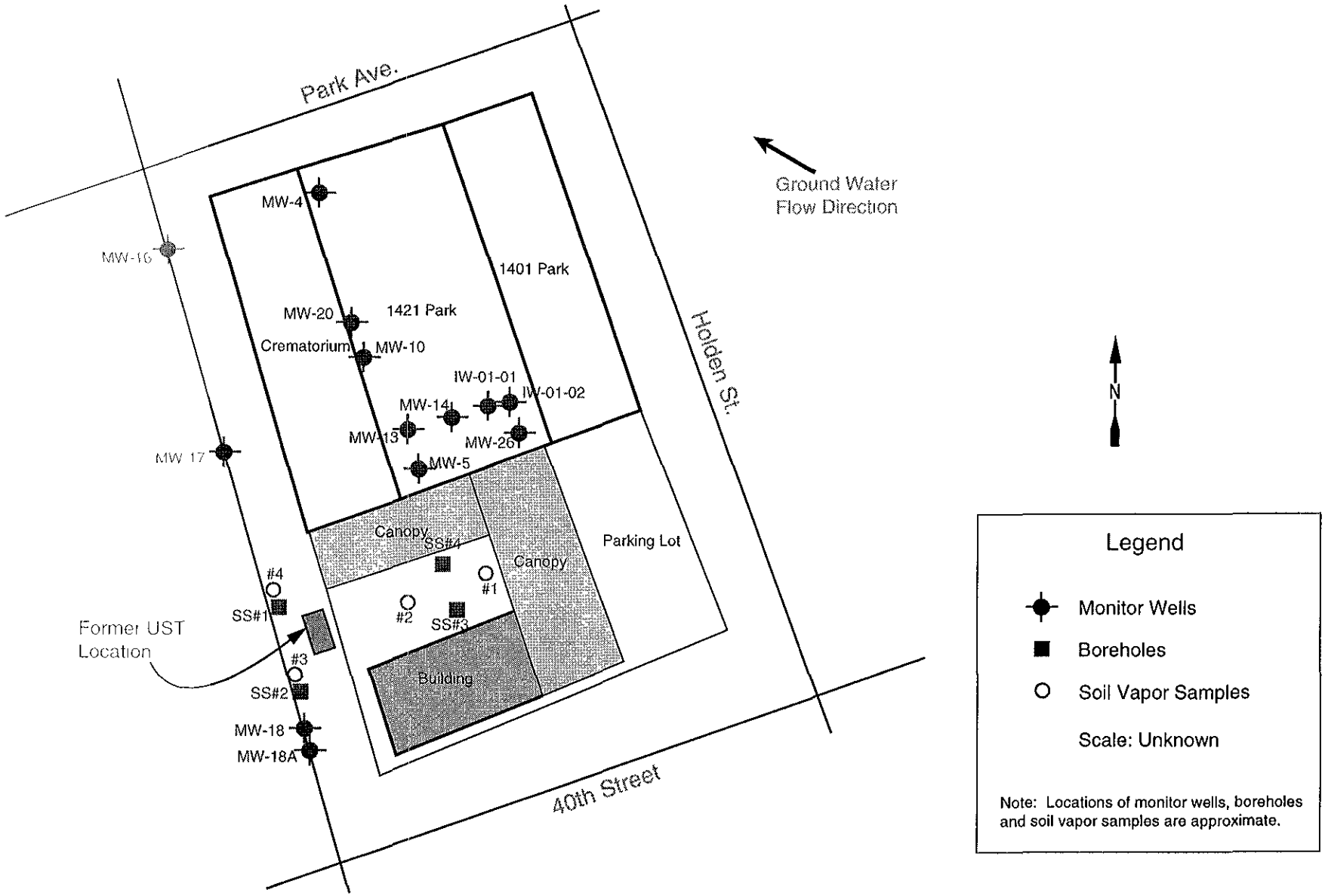
	Soil - ug/Kg		ESL
SS#1-5ft	Gasoline C7-C12	79[illegible]	100
	Benzene	**57**	44
	Toluene	62	2857
	Ethylbenzene	890	3275
	m,p-xylenes	1200	1470
	o-Xylene	43	
	Isoproplybenzene	210	not available
	Propylbenzene	810	
	1, 3, 5-Trimethylbenzene	2400	
	1, 2, 4-Trimethylbenzene	7900	
	sec-Butylbenzene	100	
	para-Isopropyl Toluene	51	
	n-Butylbenzene	450	
	Naphthalene	1700	4211
	Hexavalent Chromium	ND	1804
SS#1-10ft	Gasoline C7-C12	ND	100
	Methylene Chloride	58	77
	Hexavalent Chromium	**2800**	1804
SS#1-15ft	Gasoline C7-C12	ND	100
	Methylene Chloride	**170**	77
	Hexavalent Chromium	**6500**	1804
SS#2-5ft	Gasoline C7-C12	ND	100
	Methylene Chloride	63	77
	Hexavalent Chromium	ND	1804
SS#2-10ft	Gasoline C7-C12	ND	100
	Methylene Chloride	59	77
	Hexavalent Chromium	900	1804
SS#2-15ft	Gasoline C7-C12	ND	100
	Methylene Chloride	75	77
	Hexavalent Chromium	**2800**	1804
SS#3-5ft	Gasoline C7-C12	ND	100
	Acetone	24	235
	Methylene Chloride	74	77
	Hexavalent Chromium	ND	1804
SS#3-10ft	Gasoline C7-C12	ND	100
	Methylene Chloride	**89**	77
	Hexavalent Chromium	**4100**	1804

PLATES



R.T. HICKS CONSULTANTS, LTD.
901 Rio Grande Blvd NW Suite F-142 Albuquerque, NM 87104
505 266 5004 Fax: 505.246.1818

4050 Horton Street	Plate 1
Location Map	December 2003



R T. HICKS CONSULTANTS, LTD.
901 Rio Grande Blvd. NW Suite F-142 Albuquerque, NM 87104
505 266 5004 Fax: 505.246.1818

4050 Horton Street UST Closure	Plate 2
Soil Boring and Monitor Well Location Map	December 2003

APPENDIX A

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	168053	Prep:	EPA 5030B
Client:	R.T.Hicks Consultants Ltd.	Analysis:	EPA 8260B
Project#:	STANDARD		
Field ID:	SS#4 WATER	Batch#:	85191
Lab ID:	168053-001	Sampled:	10/08/03
Matrix:	Water	Received:	10/08/03
Units:	ug/L	Analyzed:	10/09/03
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	8.8	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	32	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	36	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachlorobenzene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	168053	Prep:	EPA 5030B
Client:	R.T.Hicks Consultants Ltd.	Analysis:	EPA 8260B
Project#:	STANDARD		
Field ID:	SS#4 WATER	Batch#:	85191
Lab ID:	168053-001	Sampled:	10/08/03
Matrix:	Water	Received:	10/08/03
Units:	ug/L	Analyzed:	10/09/03
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-122
1,2-Dichloroethane-d4	102	77-125
Toluene-d8	93	80-120
Bromofluorobenzene	102	80-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	168053	Prep:	EPA 5030B
Client:	R.T.Hicks Consultants Ltd.	Analysis:	EPA 8260B
Project#:	STANDARD		
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC228373	Batch#:	85191
Matrix:	Water	Analyzed:	10/09/03
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd

Purgeable Organics by GC/MS

Lab #:	168053	Prep:	EPA 5030B
Client:	R.T.Hicks Consultants Ltd.	Analysis:	EPA 8260B
Project#:	STANDARD		
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC228373	Batch#:	85191
Matrix:	Water	Analyzed:	10/09/03
Units:	ug/L		

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-121
1,2 Dichloroethane-d4	101	77-129
Toluene-d8	98	80-120
Bromofluorobenzene	105	80-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	168053	Prep:	EPA 5030B
Client:	R.T.Hicks Consultants Ltd.	Analysis:	EPA 8260B
Project#:	STANDARD		
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC228374	Batch#:	85191
Matrix:	Water	Analyzed:	10/09/03
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	168053	Prep:	EPA 5030B
Client:	R.T.Hicks Consultants Ltd.	Analysis:	EPA 8260B
Project#:	STANDARD		
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC228374	Batch#:	85191
Matrix:	Water	Analyzed:	10/09/03
Units:	ug/L		

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-121
1,2 Dichloroethane-d4	100	77-129
Toluene d8	99	80-120
Bromofluorobenzene	106	80-123

ND- Not Detected
RL- Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	168053	Prep:	EPA 5030B
Client:	R.T.Hicks Consultants Ltd.	Analysis:	EPA 8260B
Project#:	STANDARD		
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC228372	Batch#:	85191
Matrix:	Water	Analyzed:	10/09/03
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	48.77	98	73-126
Benzene	50.00	46.06	92	80-120
Trichloroethene	50.00	50.78	102	79-125
Toluene	50.00	50.56	101	80-120
Chlorobenzene	50.00	46.82	94	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-121
1,2-Dichloroethane-d4	101	77-129
Toluene-d8	100	80-120
Bromofluorobenzene	100	80-123

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	168053	Prep:	EPA 5030B
Client:	R.T.Hicks Consultants Ltd.	Analysis:	EPA 8260B
Project#:	STANDARD		
Field ID:	ZZZZZZZZZZ	Batch#:	85191
MSS Lab ID:	168046-002	Sampled:	10/07/03
Matrix:	Water	Received:	10/08/03
Units:	ug/L	Analyzed:	10/09/03
Diln Fac:	1.000		

Type: MS Lab ID: QC228375

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.1700	50.00	43.22	86	70-127
Benzene	<0.1000	50.00	44.63	89	80-120
Trichloroethene	<0.1300	50.00	49.31	99	60-141
Toluene	<0.1100	50.00	48.66	97	76-121
Chlorobenzene	<0.09200	50.00	48.47	97	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-121
1,2-Dichloroethane-d4	103	77-129
Toluene-d8	101	80-120
Bromofluorobenzene	95	80-123

Type: MSD Lab ID: QC228376

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	44.83	90	70-127	4	20
Benzene	50.00	42.87	86	80-120	4	20
Trichloroethene	50.00	46.62	93	60-141	6	20
Toluene	50.00	45.11	90	76-121	8	20
Chlorobenzene	50.00	49.60	99	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-121
1,2-Dichloroethane-d4	100	77-129
Toluene-d8	96	80-120
Bromofluorobenzene	105	80-123

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Hexavalent Chromium

Lab #:	168053	Prep:	METHOD
Client:	R.T.Hicks Consultants Ltd.	Analysis:	EPA 7196A
Project#:	STANDARD		
Analyte:	Hexavalent Chromium	Batch#:	85178
Field ID:	SS#4 WATER	Sampled:	10/08/03
Matrix:	Water	Received:	10/08/03
Units:	mg/L	Analyzed:	10/08/03

Type	Lab ID	Result	RL	Dil Fac
SAMPLE	168053-002	6.6	0.24	23.75
BLANK	QC228308	ND	0.01	1.000

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Hexavalent Chromium

Lab #:	168053	Prep:	METHOD
Client:	R.T.Hicks Consultants Ltd.	Analysis:	EPA 7196A
Project#:	STANDARD		
Analyte:	Hexavalent Chromium	Batch#:	85178
Field ID:	SS#4 WATER	Sampled:	10/08/03
MSS Lab ID:	168053-002	Received:	10/08/03
Matrix:	Water	Analyzed:	10/08/03
Units:	mg/L		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Dil Fac
LCS	QC228309		0.6730	0.6950	103	80-120			1.000
MS	QC228310	6.605	15.98	17.89	71	53-145			23.75
MSD	QC228311		15.98	17.89	71	53-145	0	24	23.75

RPD= Relative Percent Difference

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

RT HICKS CONSULTANTS 11267
ANDREW PARKER
901 RIO GRANDE BLVD SUITE F142
ALBUQUERQUE, NM 87104

Project:
Project Name: 4050 HORTON
Sampler: MICHELLE HUNTER

Lab Number: 03-A155893
Sample ID: #1-4050 HORTON
Sample Type: Air bag
Site ID:

Date Collected: 10/ 7/03
Time Collected: 11:05
Date Received: 10/ 8/03
Time Received: 8:00

Analyte	Result ppbV	Result ug/m3	Dilution Factor	Analysis Date	Time	Analyst	Method
Bromodichloromethane	< 0.50	< 3.38	1.	10/10/03	20:12	C. Wani	TO-15
Dibromochloromethane	< 0.50	< 4.29	1.	10/10/03	20:12	C. Wani	TO-15
Dichlorodifluoromethane	0.50	2.50	1.	10/10/03	20:12	C. Wani	TO-15
Trichlorofluoromethane	< 0.50	< 2.83	1.	10/10/03	20:12	C. Wani	TO-15
Vinyl Chloride	< 1.00	< 2.58	1.	10/10/03	20:12	C. Wani	TO-15
Chloromethane	0.50	1.04	1.	10/10/03	20:12	C. Wani	TO-15
Dichlorotetrafluoromethane	< 1.00	< 7.08	1.	10/10/03	20:12	C. Wani	TO-15
Chloroethane	< 0.50	< 1.33	1.	10/10/03	20:12	C. Wani	TO-15
1,1-Dichloroethane	< 0.50	< 2.04	1.	10/10/03	20:12	C. Wani	TO-15
Trichlorotrifluoroethane	< 0.50	< 3.88	1.	10/10/03	20:12	C. Wani	TO-15
t-1,2-Dichloroethene	< 0.50	< 2.00	1.	10/10/03	20:12	C. Wani	TO-15
1,2-Dichloropropane	< 0.50	< 2.33	1.	10/10/03	20:12	C. Wani	TO-15
m,p-Xylene	40.0	177.	50.	10/10/03	20:55	C. Wani	TO-15
1,1,2-Trichloroethane	< 0.50	< 2.75	1.	10/10/03	20:12	C. Wani	TO-15
o-Xylene	15.1	66.7	1.	10/10/03	20:12	C. Wani	TO-15
Chlorobenzene	< 0.50	< 2.33	1.	10/10/03	20:12	C. Wani	TO-15
Hexachloro-1,3-butadiene	< 0.50	< 5.38	1.	10/10/03	20:12	C. Wani	TO-15
c-1,3-Dichloropropene	< 0.50	< 2.29	1.	10/10/03	20:12	C. Wani	TO-15
t-1,3-Dichloropropene	< 0.50	< 2.29	1.	10/10/03	20:12	C. Wani	TO-15
1,1,2,2-Tetrachloroethane	< 0.50	< 3.46	1	10/10/03	20:12	C. Wani	TO-15
1,3-Dichlorobenzene	< 0.50	< 3	1	10/10/03	20:12	C. Wani	TO-15
1,4-Dichlorobenzene	< 0.50	< 3	1	10/10/03	20:12	C. Wani	TO-15
1,2-Dichlorobenzene	< 0.50	< 3	1	10/10/03	20:12	C. Wani	TO-15
1,2,4-Trichlorobenzene	< 0.50	< 3.71	1	10/10/03	20:12	C. Wani	TO-15
Methylene Chloride	0.50	1.74	1	10/10/03	20:12	C. Wani	TO-15
Toluene	0.50	111	1	10/10/03	20:55	C. Wani	TO-15

Results reported on an as received basis.

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

RT HICKS CONSULTANTS 11267
ANDREW PARKER
901 RIO GRANDE BLVD SUITE F142
ALBUQUERQUE, NM 87104

Project:
Project Name: 4050 HORTON
Sampler: MICHELLE HUNTER

Lab Number: 03-A155893
Sample ID: #1-4050 HORTON
Sample Type: Air bag
Site ID:

Date Collected: 10/ 7/03
Time Collected: 11:05
Date Received: 10/ 8/03
Time Received: 8:00

Analyte	Result ppbV	Result ug/m3	Dilution Factor	Analysis Date	Time	Analyst	Method
Benzene	6.10	19.8	1.	10/10/03	20:12	C. Wani	TO-15
Chloroform	< 0.50	< 2.46	1.	10/10/03	20:12	C. Wani	TO-15
Carbon tetrachloride	< 0.50	< 3.17	1.	10/10/03	20:12	C. Wani	TO-15
Tetrachloroethene	< 0.50	< 3.42	1.	10/10/03	20:12	C. Wani	TO-15
Trichloroethene	< 0.50	< 2.71	1.	10/10/03	20:12	C. Wani	TO-15
Ethylbenzene	25.0	110.	50.	10/10/03	20:55	C. Wani	TO-15
Methyl-t-butyl ether	7.60	27.9	1.	10/10/03	20:12	C. Wani	TO-15
1,1,1-Trichloroethane	< 0.50	< 2.75	1.	10/10/03	20:12	C. Wani	TO-15
1,2-Dichloroethane	< 0.50	< 2.04	1.	10/10/03	20:12	C. Wani	TO-15
c-1,2-Dichloroethene	< 0.50	< 2.00	1.	10/10/03	20:12	C. Wani	TO-15
1,1-Dichloroethene	< 0.50	< 2.00	1.	10/10/03	20:12	C. Wani	TO-15

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside laboratory historical or method prescribed limits

End of Sample Report

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

RT HICKS CONSULTANTS 11267
ANDREW PARKER
901 RIO GRANDE BLVD SUITE F142
ALBUQUERQUE, NM 87104

Lab Number: 03-A155894
Sample ID: #2-4050 HORTON
Sample Type: Air bag
Site ID:

Project:
Project Name: 4050 HORTON
Sampler: MICHELLE HUNTER

Date Collected: 10/ 7/03
Time Collected: 11:25
Date Received: 10/ 8/03
Time Received: 8:00

Analyte	Result ppbV	Result ug/m3	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method
Bromodichloromethane	< 0.50	< 3.38	1.	10/10/03	21:38	C. Wani	TO-15
Dibromochloromethane	< 0.50	< 4.29	1.	10/10/03	21:38	C. Wani	TO-15
Dichlorodifluoromethane	0.50	2.50	1.	10/10/03	21:38	C. Wani	TO-15
Trichlorofluoromethane	< 0.50	< 2.83	1.	10/10/03	21:38	C. Wani	TO-15
Vinyl Chloride	< 1.00	< 2.58	1.	10/10/03	21:38	C. Wani	TO-15
Chloromethane	0.50	1.04	1.	10/10/03	21:38	C. Wani	TO-15
Dichlorotetrafluoromethane	< 1.00	< 7.08	1.	10/10/03	21:38	C. Wani	TO-15
Chloroethane	< 0.50	< 1.33	1.	10/10/03	21:38	C. Wani	TO-15
1,1-Dichloroethane	< 0.50	< 2.04	1.	10/10/03	21:38	C. Wani	TO-15
Trichlorotrifluoroethane	< 0.50	< 3.88	1.	10/10/03	21:38	C. Wani	TO-15
t-1,2-Dichloroethene	< 0.50	< 2.00	1.	10/10/03	21:38	C. Wani	TO-15
1,2-Dichloropropane	< 0.50	< 2.33	1.	10/10/03	21:38	C. Wani	TO-15
m,p-Xylene	50.0	221.	50.	10/10/03	22:20	C. Wani	TO-15
1,1,2-Trichloroethane	< 0.50	< 2.75	1.	10/10/03	21:38	C. Wani	TO-15
o-Xylene	11.5	50.8	1.	10/10/03	21:38	C. Wani	TO-15
Chlorobenzene	< 0.50	< 2.33	1.	10/10/03	21:38	C. Wani	TO-15
Hexachloro-1,3-butadiene	< 0.50	< 5.38	1.	10/10/03	21:38	C. Wani	TO-15
c-1,3-Dichloropropene	< 0.50	< 2.29	1.	10/10/03	21:38	C. Wani	TO-15
t-1,3-Dichloropropene	< 0.50	< 2.29	1.	10/10/03	21:38	C. Wani	TO-15
1,1,2,2-Tetrachloroethane	< [illegible]	< [illegible]	1	10/10/03	21:38	C. Wani	TO-15
1,2-Dichlorobenzene	< [illegible]	< 3.[illegible]	1	10/10/03	21:38	C. Wani	TO-15
[illegible]	< [illegible]	< [illegible]	1	10/10/03	21:[illegible]	C. Wani	[illegible]
[illegible]	< [illegible]	< [illegible]	1	10/10/03	21:[illegible]	C. Wani	TO-15
1,2,4-Trichlorobenzene	< [illegible]	< [illegible]	[illegible]	10/10/03	[illegible]	C. Wani	TO-15
Methylene Chloride	< [illegible]	[illegible]	1	10/10/03	[illegible]	C. Wani	[illegible]
Toluene	21	[illegible]	1	10/10/03	21:38	C. Wani	[illegible]

Sample report continued

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

RT HICKS CONSULTANTS 11267
ANDREW PARKER
901 RIO GRANDE BLVD SUITE F142
ALBUQUERQUE, NM 87104

Project:
Project Name: 4050 HORTON
Sampler: MICHELLE HUNTER

Lab Number: 03-A155894
Sample ID: #2-4050 HORTON
Sample Type: Air bag
Site ID:

Date Collected: 10/ 7/03
Time Collected: 11:25
Date Received: 10/ 8/03
Time Received: 8:00

Analyte	Result ppbV	Result ug/m3	Dilution Factor	Analysis Date	Time	Analyst	Method
Benzene	35.0	114.	50.	10/10/03	22:20	C. Wani	TO-15
Chloroform	< 0 50	< 2.46	1.	10/10/03	21:38	C. Wani	TO-15
Carbon tetrachloride	< 0.50	< 3.17	1.	10/10/03	21:38	C. Wani	TO-15
Tetrachloroethene	< 0.50	< 3.42	1.	10/10/03	21:38	C. Wani	TO-15
Trichloroethene	< 0.50	< 2.71	1.	10/10/03	21:38	C. Wani	TO-15
Ethylbenzene	19.6	86.6	1.	10/10/03	21:38	C. Wani	TO-15
Methyl-t-butyl ether	2.50	9.17	1.	10/10/03	21:38	C. Wani	TO-15
1,1,1-Trichloroethane	< 0.50	< 2.75	1.	10/10/03	21:38	C. Wani	TO-15
1,2-Dichloroethane	< 0.50	< 2.04	1.	10/10/03	21:38	C. Wani	TO-15
c-1,2-Dichloroethene	< 0.50	< 2.00	1	10/10/03	21:38	C. Wani	TO-15
1,1-Dichloroethene	< 0.50	< 2.00	1.	10/10/03	21:38	C. Wani	TO-15

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

RT HICKS CONSULTANTS 11267
ANDREW PARKER
901 RIO GRANDE BLVD SUITE F142
ALBUQUERQUE, NM 87104

Project:
Project Name: 4050 HORTON
Sampler: MICHELLE HUNTER

Lab Number: 03-A155895
Sample ID: #3-4050 HORTON
Sample Type: Air bag
Site ID:

Date Collected: 10/ 7/03
Time Collected: 11:45
Date Received: 10/ 8/03
Time Received: 8:00

Analyte	Result ppbV	Result ug/m3	Dilution Factor	Analysis Date	Time	Analyst	Method
Bromodichloromethane	< 0.50	< 3.38	1.	10/10/03	23:03	C. Wani	TO-15
Dibromochloromethane	< 0.50	< 4.29	1.	10/10/03	23:03	C. Wani	TO-15
Dichlorodifluoromethane	0.50	2.50	1.	10/10/03	23:03	C. Wani	TO-15
Trichlorofluoromethane	< 0.50	< 2.83	1.	10/10/03	23:03	C. Wani	TO-15
Vinyl Chloride	< 1.00	< 2.58	1.	10/10/03	23:03	C. Wani	TO-15
Chloromethane	< 0.50	< 1.04	1.	10/10/03	23:03	C. Wani	TO-15
Dichlorotetrafluoromethane	< 1.00	< 7.08	1.	10/10/03	23:03	C. Wani	TO-15
Chloroethane	< 0.50	< 1.33	1.	10/10/03	23:03	C. Wani	TO-15
1,1-Dichloroethane	< 0.50	< 2.04	1.	10/10/03	23:03	C. Wani	TO-15
Trichlorotrifluoroethane	< 0.50	< 3.88	1.	10/10/03	23:03	C. Wani	TO-15
t-1,2-Dichloroethene	< 0.50	< 2.00	1.	10/10/03	23:03	C. Wani	TO-15
1,2-Dichloropropane	< 0.50	< 2.33	1.	10/10/03	23:03	C. Wani	TO-15
m,p-Xylene	90.0	398.	50.	10/10/03	23:46	C. Wani	TO-15
1,1,2-Trichloroethane	< 0.50	< 2.75	1.	10/10/03	23:03	C. Wani	TO-15
o-Xylene	13.0	57.4	1.	10/10/03	23:03	C. Wani	TO-15
Chlorobenzene	< 0.50	< 2.33	1.	10/10/03	23:03	C. Wani	TO-15
Hexachloro-1,3-butadiene	< 0.50	< 5.38	1.	10/10/03	23:03	C. Wani	TO-15
c-1,3-Dichloropropene	< 0.50	< 2.29	1.	10/10/03	23:03	C. Wani	TO-15
t-1,3-Dichloropropene	< 0.50	< 2.29	1.	10/10/03	23:03	C. Wani	TO-15
1,1,2,2-Tetrachloroethane	< 0.50	< 3.43	1.	10/10/03	23:03	C. Wani	TO-15
1,3-Dichlorobutane	< 0.50	< 3.24	1.	10/10/03	23:03	C. Wani	TO-15
Benzyl Chloride	< 1.00	< 5.18	1.	10/10/03	23:03	C. Wani	TO-15
1,2-Dichlorobenzene	< 0.50	< 3.00	1.	10/10/03	23:03	C. Wani	TO-15
1,3,5-Trichlorobenzene	< 0.50	< 3.93	1.	10/10/03	23:03	C. Wani	TO-15
Ethylene Dibromide	< 0.50	< 3.84	1.	10/10/03	23:03	C. Wani	TO-15
Styrene	< 0.50	< 2.13	1.	10/10/03	23:03	C. Wani	TO-15

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

RT HICKS CONSULTANTS 11267
ANDREW PARKER
901 RIO GRANDE BLVD SUITE F142
ALBUQUERQUE, NM 87104

Project:
Project Name: 4050 HORTON
Sampler: MICHELLE HUNTER

Lab Number: 03-A155895
Sample ID: #3-4050 HORTON
Sample Type: Air bag
Site ID:

Date Collected: 10/ 7/03
Time Collected: 11:45
Date Received: 10/ 8/03
Time Received: 8:00

Analyte	Result ppbV	Result ug/m3	Dilution Factor	Analysis Date	Time	Analyst	Method
Benzene	< 0.50	< 1.62	1.	10/10/03	23:03	C. Wani	TO-15
Chloroform	< 0.50	< 2.46	1.	10/10/03	23:03	C. Wani	TO-15
Carbon tetrachloride	< 0.50	< 3.17	1.	10/10/03	23:03	C. Wani	TO-15
Tetrachloroethene	< 0.50	< 3.42	1.	10/10/03	23:03	C. Wani	TO-15
Trichloroethene	< 0.50	< 2.71	1.	10/10/03	23:03	C. Wani	TO-15
Ethylbenzene	60.0	265.	50.	10/10/03	23:46	C. Wani	TO-15
Methyl-t-butyl ether	2.40	8.80	1.	10/10/03	23:03	C. Wani	TO-15
1,1,1-Trichloroethane	< 0.50	< 2.75	1.	10/10/03	23:03	C. Wani	TO-15
1,2-Dichloroethane	< 0.50	< 2.04	1.	10/10/03	23:03	C. Wani	TO-15
c-1,2-Dichloroethene	< 0.50	< 2.00	1.	10/10/03	23:03	C. Wani	TO-15
1,1-Dichloroethene	< 0.50	< 2.00	1.	10/10/03	23:03	C. Wani	TO-15

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits

End of Sample Report

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

RT HICKS CONSULTANTS 11267
ANDREW PARKER
901 RIO GRANDE BLVD SUITE F142
ALBUQUERQUE, NM 87104

Project:
Project Name: 4050 HORTON
Sampler: MICHELLE HUNTER

Lab Number: 03-A155896
Sample ID: #4-4050 HORTON
Sample Type: Air bag
Site ID:

Date Collected: 10/ 7/03
Time Collected: 12:05
Date Received: 10/ 8/03
Time Received: 8:00

Analyte	Result ppbV	Result ug/m3	Dilution Factor	Analysis Date	Time	Analyst	Method
Bromodichloromethane	< 0.50	< 3.38	1.	10/11/03	0:29	C. Wani	TO-15
Dibromochloromethane	< 0.50	< 4.29	1.	10/11/03	0:29	C Wani	TO-15
Dichlorodifluoromethane	< 0.50	< 2.50	1.	10/11/03	0:29	C. Wani	TO-15
Trichlorofluoromethane	< 0.50	< 2.83	1.	10/11/03	0:29	C. Wani	TO-15
Vinyl Chloride	< 1.00	< 2.58	1.	10/11/03	0:29	C. Wani	TO-15
Chloromethane	< 0.50	< 1.04	1	10/11/03	0:29	C. Wani	TO-15
Dichlorotetrafluoromethane	< 1.00	< 7.08	1.	10/11/03	0:29	C. Wani	TO-15
Chloroethane	0.90	2.40	1.	10/11/03	0:29	C. Wani	TO-15
1,1-Dichloroethane	< 0.50	< 2.04	1.	10/11/03	0:29	C. Wani	TO-15
Trichlorotrifluoroethane	< 0.50	< 3.88	1.	10/11/03	0:29	C. Wani	TO-15
t-1,2-Dichloroethene	< 0.50	< 2.00	1.	10/11/03	0:29	C. Wani	TO-15
1,2-Dichloropropane	< 0.50	< 2.33	1.	10/11/03	0:29	C. Wani	TO-15
m,p-Xylene	65.0	287.	50.	10/11/03	1:11	C. Wani	TO-15
1,1,2-Trichloroethane	< 0.50	< 2.75	1.	10/11/03	0:29	C. Wani	TO-15
o-Xylene	30.0	132.	50.	10/11/03	1:11	C. Wani	TO-15
Chlorobenzene	< 0.50	< 2.33	1.	10/11/03	0:29	C. Wani	TO-15
Hexachloro-1,3-butadiene	< 0.50	< 5.38	1.	10/11/03	0:29	C. Wani	TO-15
c-1,3-Dichloropropene	< 0.50	< 2.29	1.	10/11/03	0:29	C. Wani	TO-15
t-1,3-Dichloropropene	< 0.50	< 2.29	1.	10/11/03	0:29	C. Wani	TO-15
1,1,2,2-Tetrachloroethane	< 0.50	< 3.43	1	10/11/03	0:29	C. Wani	TO-15
1,2-Dibromoethane	< 0.50	< 3.84	1	10/11/03	0:29	C. Wani	TO-15
1,1,1-Trichloroethane	< 0.50	< 2.73	1	10/11/03	0:29	C. Wani	TO-15
1,2-Dichlorobenzene	< 0.50	< 3.01	1	10/11/03	0:29	C. Wani	TO-15
1,2,4-Trichlorobenzene	< 0.50	< 3.71	1	10/11/03	0:29	C. Wani	TO-15
Methylene Chloride	< 1.50	< 5.21	1	10/11/03	0:29	C. Wani	TO-15
1,3,5-TMB	2.00	9.83	1	10/11/03	0:29	C. Wani	TO-15

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

ANALYTICAL REPORT

RT HICKS CONSULTANTS 11267
ANDREW PARKER
901 RIO GRANDE BLVD SUITE F142
ALBUQUERQUE, NM 87104

Project:
Project Name: 4050 HORTON
Sampler: MICHELLE HUNTER

Lab Number: 03-A155896
Sample ID: #4-4050 HORTON
Sample Type: Air bag
Site ID:

Date Collected: 10/ 7/03
Time Collected: 12:05
Date Received: 10/ 8/03
Time Received: 8:00

Analyte	Result ppbV	Result ug/m3	Dilution Factor	Analysis Date	Time	Analyst	Method
Benzene	< 0.50	< 1.62	1.	10/11/03	0:29	C. Wani	TO-15
Chloroform	< 0.50	< 2.46	1.	10/11/03	0:29	C. Wani	TO-15
Carbon tetrachloride	< 0.50	< 3.17	1.	10/11/03	0:29	C. Wani	TO-15
Tetrachloroethene	< 0.50	< 3.42	1.	10/11/03	0:29	C. Wani	TO-15
Trichloroethene	< 0.50	< 2.71	1.	10/11/03	0:29	C. Wani	TO-15
Ethylbenzene	70.0	309.	50.	10/11/03	1:11	C. Wani	TO-15
Methyl-t-butyl ether	< 0.500	< 1.83	1.	10/11/03	0:29	C. Wani	TO-15
1,1,1-Trichloroethane	< 0.50	< 2.75	1.	10/11/03	0:29	C. Wani	TO-15
1,2-Dichloroethane	< 0.50	< 2.04	1.	10/11/03	0:29	C. Wani	TO-15
c-1,2-Dichloroethene	< 0.50	< 2.00	1.	10/11/03	0.29	C. Wani	TO-15
1,1-Dichloroethene	< 0.50	< 2.00	1.	10/11/03	0.29	C. Wani	TO-15

LABORATORY COMMENTS:
ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: 4050 HORTON
Page: 1
Laboratory Receipt Date: 10/ 8/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
MISC PARAMETERS						
Bromodichloromethane	ppbv	10.0	9.00	90	70 - 130	790
Dibromochloromethane	ppbv	10.0	10.0	100	70 - 130	790
Dichlorodifluoromethane	ppbv	10.0	9.30	93	70 - 130	790
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: 4050 HORTON
Page: 2
Laboratory Receipt Date: 10/ 8/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
t-1,2-Dichloroethene	ppbv	10.0	9.40	94	70 - 130	790
1,2-Dichloropropane	ppbv	10.0	8.90	89	70 - 130	790
m,p-Xylene	ppbv	10.0	9.40	94	70 - 130	809
1,1,2-Trichloroethane	ppbv	10.0	9.30	93	70 - 130	790
o-Xylene	ppbv	10.0	9.40	94	70 - 130	790
o-Xylene	ppbv	10.0	9.40	94	70 - 130	809
Chlorobenzene	ppbv	10.0	9.70	97	70 - 130	790
Hexachloro-1,3-butadiene	ppbv	10.0	10.2	102	70 - 130	790
c-1,3-Dichloropropene	ppbv	10.0	9.40	94	70 - 130	790
t-1,3-Dichloropropene	ppbv	10.0	9.70	97	70 - 130	790
1,1,2,2-Tetrachloroethane	ppbv	10.0	10.0	100	70 - 130	790
1,2-Dichlorobenzene	ppbv	10.0	9.80	98	70 - 130	790
1,3-Dichlorobenzene	ppbv	10.0	9.80	98	70 - 130	790
1,4-Dichlorobenzene	ppbv	10.0	9.80	98	70 - 130	790
1,2,4-Trichlorobenzene	ppbv	10.0	10.0	100	70 - 130	790
Methylene Chloride	ppbv	10.0	8.80	88	70 - 130	790
Toluene	ppbv	10.0	9.00	90	70 - 130	790
Toluene	ppbv	10.0	9.00	90	70 - 130	809
Benzene	ppbv	10.0	9.00	90	70 - 130	790
Benzene	ppbv	10.0	9.00	90	70 - 130	809
Chloroform	ppbv	10.0	9.00	90	70 - 130	790
Carbon tetrachloride	ppbv	10.0	9.70	97	70 - 130	790
Tetrachloroethene	ppbv	10.0	9.90	99	70 - 130	790
Trichloroethene	ppbv	10.0	8.80	88	70 - 130	790
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: 4050 HORTON
Page: 3
Laboratory Receipt Date: 10/ 8/03

Duplicates

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
MISC PARAMETERS					
Bromodichloromethane	< 0.50	ppbv	790	10/10/03	14:29
Dibromochloromethane	< 0.50	ppbv	790	10/10/03	14:29
Dichlorodifluoromethane	< 0.50	ppbv	790	10/10/03	14:29
Trichlorofluoromethane	< 0.50	ppbv	790	10/10/03	14:29
Vinyl Chloride	< 1.00	ppbv	790	10/10/03	14:29
Chloromethane	< 0.50	ppbv	790	10/10/03	14:29
Dichlorotetrafluoromethane	< 1.00	ppbv	790	10/10/03	14:29
Chloroethane	< 0.50	ppbv	790	10/10/03	14:29
1,1-Dichloroethane	< 0.50	ppbv	790	10/10/03	14:29
Trichlorotrifluoroethane	< 0.50	ppbv	790	10/10/03	14:29
t-1,2-Dichloroethene	< 0.50	ppbv	790	10/10/03	14:29
1,2-Dichloropropane	< 0.50	ppbv	790	10/10/03	14:29
[illegible]	< 0.50	ppbv	790	[illegible]	[illegible]
[illegible]	< 0.50	ppbv	790	[illegible]	[illegible]
[illegible]	< 0.50	ppbv	[illegible]	[illegible]	[illegible]
[illegible]	< 0.50	ppbv	[illegible]	[illegible]	[illegible]
[illegible]	< 0.50	ppbv	[illegible]	[illegible]	[illegible]
[illegible]	< 1.00	ppbv	[illegible]	[illegible]	[illegible]

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
800-765-0980 • 615-726-3404 Fax

PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: 4050 HORTON
Page: 4
Laboratory Receipt Date: 10/ 8/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
t-1,3-Dichloropropene	< 0.50	ppbv	790	10/10/03	14:29
1,1,2,2-Tetrachloroethane	< 0.50	ppbv	790	10/10/03	14:29
1,2-Dichlorobenzene	< 0.50	ppbv	790	10/10/03	14:29
1,3-Dichlorobenzene	< 0.50	ppbv	790	10/10/03	14:29
1,4-Dichlorobenzene	< 0.50	ppbv	790	10/10/03	14:29
1,2,4-Trichlorobenzene	< 0.50	ppbv	790	10/10/03	14:29
Methylene Chloride	< 0.50	ppbv	790	10/10/03	14:29
Toluene	< 0 50	ppbv	790	10/10/03	14:29
Toluene	< 0.50	ppbv	809	10/10/03	14:29
Benzene	< 0.50	ppbv	790	10/10/03	14:29
Benzene	< 0.50	ppbv	809	10/10/03	14:29
Chloroform	< 0.50	ppbv	790	10/10/03	14:29
Carbon tetrachloride	< 0.50	ppbv	790	10/10/03	14:29
Tetrachloroethene	< 0.50	ppbv	790	10/10/03	14:29
Trichloroethene	< 0.50	ppbv	790	10/10/03	14:29
Ethylbenzene	< 0.50	ppbv	790	10/10/03	14:29
Ethylbenzene	< 0.50	ppbv	809	10/10/03	14:29
Methyl-t-butyl ether	< 0.500	ppbv	790	10/10/03	14:29
1,1,1-Trichloroethane	< 0.50	ppbv	790	10/10/03	14:29
1,2-Dichloroethane	< 0.50	ppbv	790	10/10/03	14:29
c-1,2-Dichloroethene	< 0.50	ppbv	790	10/10/03	14:29
1,1-Dichloroethene	< 0.50	ppbv	790	10/10/03	14:29

= Value outside Laboratory historical or method prescribed QC limits.

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Matrix:	Water	Sampled:	10/07/03
Units:	ug/L	Received:	10/07/03
Diln Fac:	1.000	Analyzed:	10/08/03
Batch#:	85170		

Field ID: SS#1 - WATER
Type: SAMPLE
Lab ID: 168047-009

Analyte	Result	RL
Gasoline C7-C12	110 Y Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	57-150
Bromofluorobenzene (FID)	121	65-144

Field ID: SS#2 - WATER
Type: SAMPLE
Lab ID: 168047-010

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	57-150
Bromofluorobenzene (FID)	114	65-144

Type: BLANK
Lab ID: QC228276

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	102	57-150
Bromofluorobenzene (FID)	105	65-144

Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC228277	Batch#:	85170
Matrix:	Water	Analyzed:	10/08/03
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	942.7	94	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	114	57-150
Bromofluorobenzene (FID)	116	65-144

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Field ID:	ZZZZZZZZZZ	Batch#:	85170
MSS Lab ID:	168046-002	Sampled:	10/07/03
Matrix:	Water	Received:	10/08/03
Units:	ug/L	Analyzed:	10/08/03
Diln Fac:	1.000		

Type: MS Lab ID: QC228278

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	15.12	2,000	2,013	100	76-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	57-150
Bromofluorobenzene (FID)	132	65-144

Type: MSD Lab ID: QC228279

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,036	101	76-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	134	57-150
Bromofluorobenzene (FID)	138	65-144

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Matrix:	Soil	Batch#:	85235
Units:	mg/Kg	Sampled:	10/07/03
Basis:	as received	Received:	10/07/03
Diln Fac:	1.000	Analyzed:	10/10/03

Field ID: SS#1-5FT
Type: SAMPLE
Lab ID: 168047-001

Analyte	Result	RL
Gasoline C7-C12	79	1.9

Surrogate	%REC	Limits
Trifluorotoluene (FID)	83	56-144
Bromofluorobenzene (FID)	133	51-142

Field ID: SS#1-10FT
Type: SAMPLE
Lab ID: 168047-002

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	56-144
Bromofluorobenzene (FID)	122	51-142

Field ID: SS#1-15FT
Type: SAMPLE
Lab ID: 168047-003

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	56-144
Bromofluorobenzene (FID)	121	51-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Matrix:	Soil	Batch#:	85235
Units:	mg/Kg	Sampled:	10/07/03
Basis:	as received	Received:	10/07/03
Diln Fac:	1.000	Analyzed:	10/10/03

Field ID: SS#2-5FT
Type: SAMPLE
Lab ID: 168047-004

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	56-144
Bromofluorobenzene (FID)	120	51-142

Field ID: SS#2-10FT
Type: SAMPLE
Lab ID: 168047-005

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	56-144
Bromofluorobenzene (FID)	117	51-142

Field ID: SS#2-15FT
Type: SAMPLE
Lab ID: 168047-006

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	56-144
Bromofluorobenzene (FID)	122	51-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Matrix:	Soil	Batch#:	85235
Units:	mg/Kg	Sampled:	10/07/03
Basis:	as received	Received:	10/07/03
Diln Fac:	1.000	Analyzed:	10/10/03

Field ID: SS#3-5FT Lab ID: 168047-007
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	56-144
Bromofluorobenzene (FID)	120	51-142

Field ID: SS#3-10FT Lab ID: 168047-008
Type: SAMPLE

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	56-144
Bromofluorobenzene (FID)	118	51-142

Type: BLANK Lab ID: QC228524

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	56-144
Bromofluorobenzene (FID)	113	51-142

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Type:	LCS	Basis:	as received
Lab ID:	QC228525	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85235
Units:	mg/Kg	Analyzed:	10/10/03

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	10.27	103	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	123	56-144
Bromofluorobenzene (FID)	132	51-142

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	168132-001	Batch#:	85235
Matrix:	Soil	Sampled:	08/29/03
Units:	mg/Kg	Received:	10/10/03
Basis:	as received	Analyzed:	10/10/03

Type: MS Lab ID: QC228526

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1051	9.615	8.659	89	24-134

Surrogate	%REC	Limits
Trifluorotoluene (FID)	125	56-144
Bromofluorobenzene (FID)	135	51-142

Type: MSD Lab ID: QC228527

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.615	8.398	86	24-134	3	32

Surrogate	%REC	Limits
Trifluorotoluene (FID)	125	56-144
Bromofluorobenzene (FID)	135	51-142

RPD: Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#1 - WATER	Batch#:	85191
Lab ID:	168047-009	Sampled:	10/07/03
Matrix:	Water	Received:	10/07/03
Units:	ug/L	Analyzed:	10/09/03
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	6.5	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	31	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	98	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	- -	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#1 - WATER	Batch#:	85191
Lab ID:	168047-009	Sampled:	10/07/03
Matrix:	Water	Received:	10/07/03
Units:	ug/L	Analyzed:	10/09/03
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-121
1,2-Dichloroethane-d4	102	80-129
Toluene-d8	94	81-120
Bromofluorobenzene	91	80-123

ND - Not Detected
RL - Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#2 - WATER	Batch#:	85191
Lab ID:	168047-010	Sampled:	10/07/03
Matrix:	Water	Received:	10/07/03
Units:	ug/L	Analyzed:	10/09/03
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	6.0	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	26	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	68	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropen-	ND	5.0
1,1,2 Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	[illegible]	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#2 - WATER	Batch#:	85191
Lab ID:	168047-010	Sampled:	10/07/03
Matrix:	Water	Received:	10/07/03
Units:	ug/L	Analyzed:	10/09/03
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	[illegible]
1,2-Dichloroethane-d4	101	[illegible]
Toluene-d8	96	[illegible]
Bromofluorobenzene	102	[illegible]

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC228372	Batch#:	85191
Matrix:	Water	Analyzed:	10/09/03
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	48.77	98	73-126
Benzene	50.00	46.06	92	80-120
Trichloroethene	50.00	50.78	102	79-125
Toluene	50.00	50.56	101	80-120
Chlorobenzene	50.00	46.82	94	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-121
1,2-Dichloroethane-d4	101	77-129
Toluene-d8	100	80-120
Bromofluorobenzene	100	80-123

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC228373	Batch#:	85191
Matrix:	Water	Analyzed:	10/09/03
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC228373	Batch#:	85191
Matrix:	Water	Analyzed:	10/09/03
Units:	ug/L		

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-121
1,2-Dichloroethane-d4	101	77-129
Toluene-d8	98	81-120
Bromofluorobenzene	105	74-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC228374	Batch#:	85191
Matrix:	Water	Analyzed:	10/09/03
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
RL= Report ng Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC228374	Batch#:	85191
Matrix:	Water	Analyzed:	10/09/03
Units:	ug/L		

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-121
1,2-Dichloroethane-d4	100	77-129
Toluene-d8	99	80-120
Bromofluorobenzene	106	80-123

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	85191
MSS Lab ID:	168046-002	Sampled:	10/07/03
Matrix:	Water	Received:	10/08/03
Units:	ug/L	Analyzed:	10/09/03
Diln Fac:	1.000		

Type: MS Lab ID: QC228375

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.1700	50.00	43.22	86	70-127
Benzene	<0.1000	50.00	44.63	89	80-120
Trichloroethene	<0.1300	50.00	49.31	99	60-141
Toluene	<0.1100	50.00	48.66	97	76-121
Chlorobenzene	<0.09200	50.00	48.47	97	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-121
1,2-Dichloroethane-d4	103	77-129
Toluene-d8	101	80-120
Bromofluorobenzene	95	80-123

Type: MSD Lab ID: QC228376

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	44.83	90	70-127	4	20
Benzene	50.00	42.87	86	80-120	4	20
Trichloroethene	50.00	46.62	93	60-141	6	20
Toluene	50.00	45.11	90	76-121	8	20
Chlorobenzene	50.00	49.60	99	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-121
1,2-Dichloroethane-d4	100	77-129
Toluene-d8	96	80-120
Bromofluorobenzene	105	80-123

RPD: Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#1-5FT	Basis:	as received
Lab ID:	168047-001	Sampled:	10/07/03
Matrix:	Soil	Received:	10/07/03
Units:	ug/Kg	Analyzed:	10/17/03

Analyte	Result	RL	Diln Fac	Batch#
Freon 12	ND	45	4.545	85373
Chloromethane	ND	45	4.545	85373
Vinyl Chloride	ND	45	4.545	85373
Bromomethane	ND	45	4.545	85373
Chloroethane	ND	45	4.545	85373
Trichlorofluoromethane	ND	23	4.545	85373
Acetone	ND	91	4.545	85373
Freon 113	ND	23	4.545	85373
1,1-Dichloroethene	ND	23	4.545	85373
Methylene Chloride	ND	91	4.545	85373
Carbon Disulfide	ND	23	4.545	85373
MTBE	ND	23	4.545	85373
trans-1,2-Dichloroethene	ND	23	4.545	85373
Vinyl Acetate	ND	230	4.545	85373
1,1-Dichloroethane	ND	23	4.545	85373
2-Butanone	ND	45	4.545	85373
cis-1,2-Dichloroethene	ND	23	4.545	85373
2,2-Dichloropropane	ND	23	4.545	85373
Chloroform	ND	23	4.545	85373
Bromochloromethane	ND	23	4.545	85373
1,1,1-Trichloroethane	ND	23	4.545	85373
1,1-Dichloropropene	ND	23	4.545	85373
Carbon Tetrachloride	ND	23	4.545	85373
1,2-Dichloroethane	ND	23	4.545	85373
Benzene	57	23	4.545	85373
Trichloroethene	ND	23	4.545	85373
1,2-Dichloropropane	ND	23	4.545	85373
Bromodichloromethane	ND	23	4.545	85373
Dibromomethane	ND	23	4.545	85373
4-Methyl-2-Pentanone	ND	45	4.545	85373
cis-1,3-Dichloropropene	ND	23	4.545	85373
Toluene	62	23	4.545	85373
trans-1,3-Dichloropropene	ND	23	4.545	85373
1,1,2-Trichloroethane	ND	23	4.545	85373
2-Hexanone	ND	45	4.545	85373
1,3-Dichloropropane	ND	23	4.545	85373
Tetrachloroethene	ND	23	4.545	85373
Dibromochloromethane	ND	23	4.545	85373

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#1-5FT	Basis:	as received
Lab ID:	168047-001	Sampled:	10/07/03
Matrix:	Soil	Received:	10/07/03
Units:	ug/Kg	Analyzed:	10/17/03

Analyte	Result	RL	Diln Fac	Batch#
1,2-Dibromoethane	ND	23	4.545	85373
Chlorobenzene	ND	23	4.545	85373
1,1,1,2-Tetrachloroethane	ND	23	4.545	85373
Ethylbenzene	890	250	50.00	85424
m,p-Xylenes	1,200	23	4.545	85373
o-Xylene	43	23	4.545	85373
Styrene	ND	23	4.545	85373
Bromoform	ND	23	4.545	85373
Isopropylbenzene	210	23	4.545	85373
1,1,2,2-Tetrachloroethane	ND	23	4.545	85373
1,2,3-Trichloropropane	ND	23	4.545	85373
Propylbenzene	810	23	4.545	85373
Bromobenzene	ND	23	4.545	85373
1,3,5-Trimethylbenzene	2,400	250	50.00	85424
2-Chlorotoluene	ND	23	4.545	85373
4-Chlorotoluene	ND	23	4.545	85373
tert-Butylbenzene	ND	23	4.545	85373
1,2,4-Trimethylbenzene	7,900	250	50.00	85424
sec-Butylbenzene	100	23	4.545	85373
para-Isopropyl Toluene	51	23	4.545	85373
1,3-Dichlorobenzene	ND	23	4.545	85373
1,4-Dichlorobenzene	ND	23	4.545	85373
n-Butylbenzene	450	23	4.545	85373
1,2-Dichlorobenzene	ND	23	4.545	85373
1,2-Dibromo-3-Chloropropane	ND	23	4.545	85373
1,2,4-Trichlorobenzene	ND	23	4.545	85373
Hexachlorobutadiene	ND	23	4.545	85373
Naphthalene	1,700	250	50.00	85424
1,2,3-Trichlorobenzene	ND	23	4.545	85373

Surrogate	%REC	Limits	Diln Fac	Batch#
Dibromofluoromethane	89	74-128	4.545	85373
1,2-Dichloroethane-d4	92	76-130	4.545	85373
Toluene-d8	97	85-120	4.545	85373
Bromofluorobenzene	93	76-125	4.545	85373

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#1-10FT	Diln Fac:	0.9259
Lab ID:	168047-002	Batch#:	85373
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/16/03

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	ND	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	58	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#1-10FT	Diln Fac:	0.9259
Lab ID:	168047-002	Batch#:	85373
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/16/03

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	103	74-128
1,2-Dichloroethane-d4	101	76-130
Toluene-d8	94	81-121
Bromofluorobenzene	102	76-125

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#1-15FT	Diln Fac:	1.000
Lab ID:	168047-003	Batch#:	85373
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/16/03

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	170	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#1-15FT	Diln Fac:	1.000
Lab ID:	168047-003	Batch#:	85373
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/16/03

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-124
1,2-Dichloroethane-d4	104	77-123
Toluene-d8	101	81-122
Bromofluorobenzene	101	76-114

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#2-5FT	Diln Fac:	0.9259
Lab ID:	168047-004	Batch#:	85373
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/16/03

Analyte	Result	RL
Freon 12	ND	9.3
Chloromethane	ND	9.3
Vinyl Chloride	ND	9.3
Bromomethane	ND	9.3
Chloroethane	ND	9.3
Trichlorofluoromethane	ND	4.6
Acetone	ND	19
Freon 113	ND	4.6
1,1-Dichloroethene	ND	4.6
Methylene Chloride	63	19
Carbon Disulfide	ND	4.6
MTBE	ND	4.6
trans-1,2-Dichloroethene	ND	4.6
Vinyl Acetate	ND	46
1,1-Dichloroethane	ND	4.6
2-Butanone	ND	9.3
cis-1,2-Dichloroethene	ND	4.6
2,2-Dichloropropane	ND	4.6
Chloroform	ND	4.6
Bromochloromethane	ND	4.6
1,1,1-Trichloroethane	ND	4.6
1,1-Dichloropropene	ND	4.6
Carbon Tetrachloride	ND	4.6
1,2-Dichloroethane	ND	4.6
Benzene	ND	4.6
Trichloroethene	ND	4.6
1,2-Dichloropropane	ND	4.6
Bromodichloromethane	ND	4.6
Dibromomethane	ND	4.6
4-Methyl-2-Pentanone	ND	9.3
cis-1,3-Dichloropropene	ND	4.6
Toluene	ND	4.6
trans-1,3-Dichloropropene	ND	4.6
1,1,2-Trichloroethane	ND	4.6
2-Hexanone	ND	9.3
1,3-Dichloropropane	ND	4.6
Tetrachloroethene	ND	4.6

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#2-5FT	Diln Fac:	0.9259
Lab ID:	168047-004	Batch#:	85373
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/16/03

Analyte	Result	RL
Dibromochloromethane	ND	4.6
1,2-Dibromoethane	ND	4.6
Chlorobenzene	ND	4.6
1,1,1,2-Tetrachloroethane	ND	4.6
Ethylbenzene	ND	4.6
m,p-Xylenes	ND	4.6
o-Xylene	ND	4.6
Styrene	ND	4.6
Bromoform	ND	4.6
Isopropylbenzene	ND	4.6
1,1,2,2-Tetrachloroethane	ND	4.6
1,2,3-Trichloropropane	ND	4.6
Propylbenzene	ND	4.6
Bromobenzene	ND	4.6
1,3,5-Trimethylbenzene	ND	4.6
2-Chlorotoluene	ND	4.6
4-Chlorotoluene	ND	4.6
tert-Butylbenzene	ND	4.6
1,2,4-Trimethylbenzene	ND	4.6
sec-Butylbenzene	ND	4.6
para-Isopropyl Toluene	ND	4.6
1,3-Dichlorobenzene	ND	4.6
1,4-Dichlorobenzene	ND	4.6
n-Butylbenzene	ND	4.6
1,2-Dichlorobenzene	ND	4.6
1,2-Dibromo-3-Chloropropane	ND	4.6
1,2,4-Trichlorobenzene	ND	4.6
Hexachlorobutadiene	ND	4.6
Naphthalene	ND	4.6
1,2,3-Trichlorobenzene	ND	4.6

Surrogate	%REC	Limits
Dibromofluoromethane	100	74-128
1,2-Dichloroethane-d4	98	76- 30
Toluene-d8	100	80-120
Bromofluorobenzene	101	76-125

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#2-10FT	Diln Fac:	0.9615
Lab ID:	168047-005	Batch#:	85373
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/16/03

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	59	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#2-10FT	Diln Fac:	0.9615
Lab ID:	168047-005	Batch#:	85373
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/16/03

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	104	74-128
1,2-Dichloroethane-d4	102	76-130
Toluene-d8	101	80-120
Bromofluorobenzene	103	76-125

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#2-15FT	Diln Fac:	0.9804
Lab ID:	168047-006	Batch#:	85368
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/17/03

Analyte	Result	RL
Freon 12	ND	9.8
Chloromethane	ND	9.8
Vinyl Chloride	ND	9.8
Bromomethane	ND	9.8
Chloroethane	ND	9.8
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	75	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.8
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.8
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.8
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#2-15FT	Diln Fac:	0.9804
Lab ID:	168047-006	Batch#:	85368
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/17/03

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	94	74-122
1,2-Dichloroethane-d4	96	76-130
Toluene-d8	101	80-120
Bromofluorobenzene	96	76-125

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#3-5FT	Diln Fac:	0.9615
Lab ID:	168047-007	Batch#:	85368
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/17/03

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	24	19
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	74	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#3-5FT	Diln Fac:	0.9615
Lab ID:	168047-007	Batch#:	85368
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/17/03

Analyte	Result	RL
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	94	74-124
1,2-Dichloroethane-d4	106	76-131
Toluene-d8	101	80-120
Bromofluorobenzene	97	76-125

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#3-10FT	Diln Fac:	0.9091
Lab ID:	168047-008	Batch#:	85368
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/17/03

Analyte	Result	RL
Freon 12	ND	9.1
Chloromethane	ND	9.1
Vinyl Chloride	ND	9.1
Bromomethane	ND	9.1
Chloroethane	ND	9.1
Trichlorofluoromethane	ND	4.5
Acetone	ND	18
Freon 113	ND	4.5
1,1-Dichloroethene	ND	4.5
Methylene Chloride	89	18
Carbon Disulfide	ND	4.5
MTBE	ND	4.5
trans-1,2-Dichloroethene	ND	4.5
Vinyl Acetate	ND	45
1,1-Dichloroethane	ND	4.5
2-Butanone	ND	9.1
cis-1,2-Dichloroethene	ND	4.5
2,2-Dichloropropane	ND	4.5
Chloroform	ND	4.5
Bromochloromethane	ND	4.5
1,1,1-Trichloroethane	ND	4.5
1,1-Dichloropropene	ND	4.5
Carbon Tetrachloride	ND	4.5
1,2-Dichloroethane	ND	4.5
Benzene	ND	4.5
Trichloroethene	ND	4.5
1,2-Dichloropropane	ND	4.5
Bromodichloromethane	ND	4.5
Dibromomethane	ND	4.5
4-Methyl-2-Pentanone	ND	9.1
cis-1,3-Dichloropropene	ND	4.5
Toluene	ND	4.5
trans-1,3-Dichloropropene	ND	4.5
1,1,2-Trichloroethane	ND	4.5
2-Hexanone	ND	9.1
1,3-Dichloropropane	ND	4.5
Tetrachloroethene	ND	4.5

ND- Not Detected
RL- Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#3-10FT	Diln Fac:	0.9091
Lab ID:	168047-008	Batch#:	85368
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/17/03

Analyte	Result	RL
Dibromochloromethane	ND	4.5
1,2-Dibromoethane	ND	4.5
Chlorobenzene	ND	4.5
1,1,1,2-Tetrachloroethane	ND	4.5
Ethylbenzene	ND	4.5
m,p-Xylenes	ND	4.5
o-Xylene	ND	4.5
Styrene	ND	4.5
Bromoform	ND	4.5
Isopropylbenzene	ND	4.5
1,1,2,2-Tetrachloroethane	ND	4.5
1,2,3-Trichloropropane	ND	4.5
Propylbenzene	ND	4.5
Bromobenzene	ND	4.5
1,3,5-Trimethylbenzene	ND	4.5
2-Chlorotoluene	ND	4.5
4-Chlorotoluene	ND	4.5
tert-Butylbenzene	ND	4.5
1,2,4-Trimethylbenzene	ND	4.5
sec-Butylbenzene	ND	4.5
para-Isopropyl Toluene	ND	4.5
1,3-Dichlorobenzene	ND	4.5
1,4-Dichlorobenzene	ND	4.5
n-Butylbenzene	ND	4.5
1,2-Dichlorobenzene	ND	4.5
1,2-Dibromo-3-Chloropropane	ND	4.5
1,2,4-Trichlorobenzene	ND	4.5
Hexachlorobutadiene	ND	4.5
Naphthalene	ND	4.5
1,2,3-Trichlorobenzene	ND	4.5

Surrogate	%REC	Limits
Dibromofluoromethane	96	74-128
1,2-Dichloroethane-d4	96	76-134
Toluene-d8	100	80-120
Bromofluorobenzene	96	76-125

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC229071	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85368
Units:	ug/Kg	Analyzed:	10/16/03

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	48.34	97	72-125
Benzene	50.00	46.71	93	78-120
Trichloroethene	50.00	50.89	102	76-127
Toluene	50.00	49.86	100	79-120
Chlorobenzene	50.00	46.99	94	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	74-128
1,2-Dichloroethane-d4	106	76-130
Toluene-d8	105	80-120
Bromofluorobenzene	103	76-125

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC229072	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85368
Units:	ug/Kg	Analyzed:	10/16/03

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC229072	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85368
Units:	ug/Kg	Analyzed:	10/16/03

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	74-128
1,2-Dichloroethane-d4	110	76-130
Toluene-d8	107	80-120
Bromofluorobenzene	106	76-125

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC229080	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85373
Units:	ug/Kg	Analyzed:	10/16/03

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	39.53	79	72-125
Benzene	50.00	42.29	85	78-120
Trichloroethene	50.00	44.05	88	76-127
Toluene	50.00	43.48	87	79-120
Chlorobenzene	50.00	43.17	86	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	91	74-128
1,2-Dichloroethane-d4	92	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	90	76-125

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC229081	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85373
Units:	ug/Kg	Analyzed:	10/16/03

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC229081	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85373
Units:	ug/Kg	Analyzed:	10/16/03

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	95	74-128
1,2-Dichloroethane-d4	93	76-130
Toluene-d8	96	80-120
Bromofluorobenzene	93	76-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC229082	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85373
Units:	ug/Kg	Analyzed:	10/16/03

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC229082	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85373
Units:	ug/Kg	Analyzed:	10/16/03

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	102	74-128
1,2-Dichloroethane-d4	9[illegible]	[illegible]6-130
Toluene-d8	[illegible]	[illegible]0-120
Bromofluorobenzene	[illegible]	[illegible]6-126

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	0.9615
MSS Lab ID:	168087-008	Batch#:	85368
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/09/03
Basis:	as received	Analyzed:	10/16/03

Type: MS Lab ID: QC229108

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.3200	48.08	50.98	106	53-135
Benzene	<0.07800	48.08	46.80	97	55-121
Trichloroethene	<0.3000	48.08	49.41	103	46-149
Toluene	<0.1900	48.08	47.16	98	44-129
Chlorobenzene	<0.1500	48.08	42.36	88	48-121

Surrogate	%REC	Limits
Dibromofluoromethane	107	74-128
1,2-Dichloroethane-d4	113	76-130
Toluene-d8	106	80-120
Bromofluorobenzene	99	76-125

Type: MSD Lab ID: QC229109

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	48.08	47.27	98	53-135	8	20
Benzene	48.08	44.97	94	55-121	4	20
Trichloroethene	48.08	48.09	100	46-149	3	20
Toluene	48.08	46.23	96	44-129	2	20
Chlorobenzene	48.08	40.77	85	48-121	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	104	74-128
1,2-Dichloroethane-d4	107	76-130
Toluene-d8	105	80-120
Bromofluorobenzene	106	76-125

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC229110	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85368
Units:	ug/Kg	Analyzed:	10/16/03

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC229110	Diln Fac:	1.000
Matrix:	Soil	Batch#:	85368
Units:	ug/Kg	Analyzed:	10/16/03

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	93	74-120
1,2-Dichloroethane-d4	101	76-131
Toluene-d8	100	88-110
Bromofluorobenzene	107	76-121

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	SS#2-5FT	Diln Fac:	0.9259
MSS Lab ID:	168047-004	Batch#:	85373
Matrix:	Soil	Sampled:	10/07/03
Units:	ug/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/16/03

Type: MS Lab ID: QC229156

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.1300	46.30	44.65	96	53-135
Benzene	<0.05300	46.30	45.71	99	55-121
Trichloroethene	<0.09800	46.30	46.79	101	46-149
Toluene	0.2116	46.30	45.46	98	44-129
Chlorobenzene	<0.07200	46.30	44.15	95	48-121

Surrogate	%REC	Limits
Dibromofluoromethane	100	74-128
1,2-Dichloroethane-d4	101	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	96	76-125

Type: MSD Lab ID: QC229157

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	46.30	42.86	93	53-135	4	20
Benzene	46.30	44.36	96	55-121	3	20
Trichloroethene	46.30	43.80	95	46-149	7	20
Toluene	46.30	42.86	92	44-129	6	20
Chlorobenzene	46.30	41.90	91	48-121	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	97	74-128
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	97	76-125

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC229279	Batch#:	85424
Matrix:	Water	Analyzed:	10/17/03
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	48.01	96	72-125
Benzene	50.00	45.86	92	78-120
Trichloroethene	50.00	46.72	93	76-127
Toluene	50.00	44.81	90	79-120
Chlorobenzene	50.00	43.99	88	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	107	74-128
1,2-Dichloroethane-d4	99	76-130
Toluene-d8	100	80-120
Bromofluorobenzene	87	76-125

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC229280	Batch#:	85424
Matrix:	Water	Analyzed:	10/17/03
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC229280	Batch#:	85424
Matrix:	Water	Analyzed:	10/17/03
Units:	ug/L		

Analyte	Result	RL
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	92	74-129
1,2-Dichloroethane-d4	98	76-130
Toluene-d8	104	80-120
Bromofluorobenzene	104	76-125

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	333.3
MSS Lab ID:	168207-001	Batch#:	85424
Matrix:	Miscell.	Sampled:	10/10/03
Units:	ug/Kg	Received:	10/14/03
Basis:	as received	Analyzed:	10/18/03

Type: MS Lab ID: QC229316

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<85.00	16,670	16,730	100	53-135
Benzene	1,816	16,670	18,930	103	55-121
Trichloroethene	<160.0	16,670	16,720	100	46-149
Toluene	27,280	16,670	43,270	96	44-129
Chlorobenzene	<130.0	16,670	16,360	98	48-121

Surrogate	%REC	Limits
Dibromofluoromethane	106	74-128
1,2-Dichloroethane-d4	101	76-130
Toluene-d8	102	80-120
Bromofluorobenzene	87	76-125

Type: MSD Lab ID: QC229317

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	16,670	16,870	101	53-135	1	20
Benzene	16,670	18,880	102	55-121	0	20
Trichloroethene	16,670	16,970	102	46-149	2	20
Toluene	16,670	42,600	92	44-129	2	20
Chlorobenzene	16,670	16,590	100	48-121	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	104	74-128
1,2-Dichloroethane-d4	100	76-130
Toluene-d8	102	80-120
Bromofluorobenzene	86	76-125

RPD: Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Hexavalent Chromium

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Sampled:	10/07/03
Matrix:	Water	Received:	10/07/03
Units:	mg/L	Analyzed:	10/08/03
Batch#:	85178		

Field ID	Type	Lab ID	Result	RL	Diln Fac
SS#1 - WATER	SAMPLE	168047-009	9.9	0.24	23.75
SS#2 - WATER	SAMPLE	168047-010	14	0.24	23.75
	BLANK	QC228308	ND	0.01	1.000

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Hexavalent Chromium

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Batch#:	85178
Field ID:	SS#4 WATER	Sampled:	10/08/03
MSS Lab ID:	168053-002	Received:	10/08/03
Matrix:	Water	Analyzed:	10/08/03
Units:	mg/L		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Dil'n Fac
LCS	QC228309		0.6730	0.6950	103	80-120			1.000
MS	QC228310	6.605	15.98	17.89	71	53-145			23.75
MSD	QC228311		15.98	17.89	71	53-145	0	24	23.75

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Hexavalent Chromium

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Batch#:	85229
Matrix:	Soil	Sampled:	10/07/03
Units:	mg/Kg	Received:	10/07/03
Basis:	as received	Analyzed:	10/09/03

Field ID	Type	Lab ID	Result	RL	Dil'n Fac
SS#1-5FT	SAMPLE	168047-001	ND	0.05	1.000
SS#1-10FT	SAMPLE	168047-002	2.8	0.12	2.370
SS#1-15FT	SAMPLE	168047-003	6.5	0.24	4.750
SS#2-5FT	SAMPLE	168047-004	ND	0.05	1.000
SS#2-10FT	SAMPLE	168047-005	0.90	0.05	1.000
SS#2-15FT	SAMPLE	168047-006	2.8	0.16	3.170
SS#3-5FT	SAMPLE	168047-007	ND	0.05	1.000
SS#3-10FT	SAMPLE	168047-008	4.1	0.12	2.370
	BLANK	QC228504	ND	0.05	1.000

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Hexavalent Chromium

Lab #:	168047	Location:	4050 Horton
Client:	R.T.Hicks Consultants Ltd.	Prep:	METHOD
Project#:	STANDARD	Analysis:	EPA 7196A
Analyte:	Hexavalent Chromium	Basis:	as received
Field ID:	SS#1-10FT	Batch#:	85229
MSS Lab ID:	168047-002	Sampled:	10/07/03
Matrix:	Soil	Received:	10/07/03
Units:	mg/Kg	Analyzed:	10/09/03

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim	Diln Fac
LCS	QC228505		4.000	3.488	87	72-120			1.000
MS	QC228506	2.760	9.500	5.190	26	26-133			2.370
MSD	QC228507		9.500	5.190	26	26-133	0	28	2.370

RPD= Relative Percent Difference