

**EBI**  
CONSULTING

Nationwide Environmental  
Management and  
Engineering Services

## Limited Phase II Environmental Site Assessment



**Maid O'Clover Service Station  
1802 East Nob Hill Boulevard  
Yakima, Washington 98901**

**July 23, 2004**

**EBI Project #24-8092**

**Prepared for:**

**AMRESKO Commercial Finance, LLC  
412 East Parkcenter Boulevard, Suite 300  
Boise, Idaho 837060**

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**EBI CONSULTING  
PROJECT #24-8092**

PHASE II LIMITED SUBSURFACE INVESTIGATION REPORT

*Maid O  
1802 East Nob Hill Boulevard  
Yakima, Washington 98901*

July 29, 2004

Prepared for:

AMRESKO Commercial Finance, LLC  
412 East Parkcenter Boulevard, Suite 300  
Boise, Idaho 83706

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## 1.0 INTRODUCTION

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In accordance with our Proposal and Standard Conditions For Engagement, EBI Consulting (EBI) is pleased to submit our *Limited Subsurface Investigation Report (Report)* on the property identified as *Maid O* located in Yakima, Washington at *1802 East Nob Hill Boulevard* (the Subject Property). Travis E. Maurer of EBI Consulting conducted the investigation at the Subject Property on July 15, 2004.

Mr. Travis E. Maurer of EBI prepared this Report for AMRESKO Commercial Finance, LLC. Mr. Maurer has over 3 years of experience as an environmental consultant/scientist, and has completed/managed over 250 site assessments and intrusive investigations throughout the United States. EBI is an independent contractor, whose compensation was not based on the findings or recommendations made in this *Report*, or on the closing of any business transaction.

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## 2.0 PURPOSE AND SCOPE OF WORK

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The primary purpose of this investigation was to evaluate the potential presence of petroleum, volatile organic compounds (VOCs), and/or lead contamination in the soils and/or shallow groundwater at the Maid O' Clover Gasoline Station located at 1802 East Nob Hill Boulevard, in Yakima, Washington. The investigation focused on one specific area of the Subject Property: immediate vicinity of the pump islands and the underground storage tanks (USTs).

In order to achieve the objectives of this investigation, EBI performed the following tasks:

- Contacted One Call, which arranges the identification of underground utilities by member utility companies prior to drilling and sampling on-site. Ticket number 4219959 was assigned to the property.
- Advanced one boring approximately 10 feet east of the northeast pump island; one boring approximately 18.5 feet west-southwest of the northwest pump island; one boring approximately 18.5 feet west-southwest of the southwest pump island; and one boring approximately 21 feet south and 10 feet east of the southwest pump island. All borings were advanced using a truck-mounted hydraulic direct-push rig. Soil samples were collected continuously using 4-foot macro-core samplers. The borings were advanced to a depth of 16 feet bgs. A detailed description of field activities is provided in *Section 5.0* of this report.
- Retained an independent laboratory to analyze selected soil samples and groundwater samples for VOCs via EPA 8260, lead via EPA Method 6010B, and TPH via Washington Department of Ecology's (WADOE) Method NWTPH-Dx and NWTPH-Gx.

All samples were properly labeled, logged onto a chain-of-custody form and immediately placed on ice and delivered to the laboratory in accordance with current Federal EPA SW-846 (3rd ed.). Copies of both the analytical results and the chain-of-custody documentation are included in Appendix A.

- Backfilled borings with soil cuttings and asphalt/bentonite grout mixture following sampling
- Provided a summary of pertinent information obtained during this investigation including accompanying illustrations and appendices, along with EBI's findings and preliminary conclusions regarding the presence and nature of contamination in soils beneath the Subject Property in the areas investigated.

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### **3.0 BACKGROUND**

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The Subject Property is known as a Maid O' Clover Chevron gasoline station and is located at 1802 East Nob Hill Boulevard in Yakima, Washington. The Subject Property has a total land area of approximately 0.58 acre and is improved with a gasoline station and convenience store. The Subject Building occupies approximately ¼ of the land area while the remaining area is occupied by five gasoline pumps on two islands and an asphalt parking lot.

#### **3.1 Subject Property History**

Based on the activities of the current tenant of the Subject Property, this subsurface Phase II assessment was conducted as part of a due diligence effort for AMRESKO Commercial Finance, LLC. The goal of this Phase II assessment was to recognize and begin to delineate possible subsurface contamination caused by the use and storage of hazardous substances during the timeframe the Subject Property has been a gasoline station. Six existing monitoring wells were noted on the Subject Property, and according to Mr. Calvin Wilson, Retail Operations Manager with Maid O Clover, the Subject Property is a Leaking Underground Storage Tank (LUST) Site. Washington Department of Ecology (DOE) records were not reviewed or provided to EBI prior to assessing the Subject Property. The age and construction specifications of the existing wells are unknown, as is their current functionality for environmental monitoring.

#### **3.2 Potential Contaminants of Concern**

EBI was retained to assess and quantify the soil and/or groundwater quality at the Subject Property in regards to potential subsurface contamination in the form of VOCs, lead, and total petroleum hydrocarbons (TPH). Potential contaminants of concern at gasoline stations include gasoline constituents such as benzene, toluene, ethylbenzene, xylenes (BTEX), trimethylbenzenes, methyl-tertiary butyl ether (MtBE), tetraethyl lead, petroleum (motor oils, hydraulic oils, lubrication oil), and degreasing solvents.

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## 4.0 METHODS

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### 4.1 Rationale for Soil Boring Placement

On Thursday, July 15, 2004, EBI conducted a limited subsurface investigation to assess subsurface conditions at the Subject Property. The areas investigated and the associated boring numbers are described below:

*Approximately 10 feet east of the northeast pump island – Boring B1*

*Approximately 18.5 feet west-southwest of the northwest pump island – Boring B2*

*Approximately 18.5 feet west-southwest of the southwest pump island – Boring B3*

*Approximately 21 feet south and 10 feet east of the southwest pump island – Boring B4*

### 4.2 Pre-Drilling Activities

A utility mark-out (One Call) was requested on July 12, 2004. Clearance for drilling at the Subject Property was granted for after 3:30 PM on July 14, 2004. Additionally, EBI retained Locating, Inc. to privately clear a five-foot radius around the proposed boring locales to identify any underground lines that could have been missed by One Call.

### 4.3 Advancement of Soil Borings

A total of four borings were advanced at the Subject Property. All of the soil borings were advanced using a Geoprobe direct-push sampling rig operated by Environmental Services Network (ESN) Northwest of Lacey, Washington. The information in the table below illustrates the depths of each of the soil borings and whether groundwater was encountered.

SOIL BORING INFORMATION		
BORING	DEPTH (FEET BGS)	GROUNDWATER DEPTH (FEET BGS)
B1	16	13
B2	16	13
B3	16	13
B4	16	13

The locations of the borings are illustrated on *Figure 2, Soil Boring Location Map*.

### 4.4 Soil Sampling and Analysis

Soil samples were collected continuously during the advancement of the borings. Field screening of soil samples for total ionizable VOCs was performed using a photoionization detector (PID). No visual or olfactory evidence of soil contamination was identified in borings B1, B2, B3, or B4. There were no significant PID readings encountered at any of the borings. The highest PID reading was 0.6 parts per million (PPM) in B1 at a depth of 8 feet bgs.

Soil conditions for each boring are described in Section 5.2 and on Soil Boring Logs, which are included in Appendix C.

Selected soil samples from each boring were collected in laboratory-provided 2-ounce glass jars, 4-ounce plastic jars, 40-milliliter volatile organics analysis (VOA) vials containing sodium bisulfate solution, and VOA vials containing methanol solution. Each sample was labeled/logged onto a chain-of-custody form, and placed in a cooler with ice for preservation in accordance with current Federal EPA SW-846 (3rd ed.). After collection, the samples were submitted to an independent qualified laboratory (Test America, Nashville, Tennessee) for analyses. The samples were analyzed for VOCs via EPA 8260, lead via EPA Method 6010B, and TPH via Washington Department of Ecology's Method NWTPH-Dx and NWTPH-Gx.

#### **4.5 Monitoring Well Installation**

Monitoring wells were not constructed during this assessment.

#### **4.6 Groundwater Sampling and Analysis**

Groundwater samples from each boring were collected in laboratory-provided 250-mL plastic bottles, 1000-mL amber glass bottles with HCl preservative, and VOA vials containing hydrochloric acid (HCl) preservative. Each sample was labeled/logged onto a chain-of-custody form, and placed in a cooler with ice for preservation in accordance with current Federal EPA SW-846 (3rd ed.). After collection, the samples were submitted to an independent, State of Washington accredited laboratory (Test America, Nashville, Tennessee) for analyses. The samples were analyzed for VOCs via EPA 8260, and TPH via WADOE's Method NWTPH-Dx and NWTPH-G/ 8021.

Groundwater was collected via a peristaltic pump using ½-inch disposable plastic tubing connected to a disposable, screened liner that was placed in the hollow metal pushrod that was left in the ground. The pushrod has an expandable tip that was raised approximately two feet from the termination of each boring to allow groundwater to collect through the screen. After the groundwater samples were collected, the tubing was discarded, the probe was removed, and the borings were abandoned. Six VOAs preserved with HCl were collected at borings B1, B2, and B3 to be analyzed for VOCs and NWTPH-Gx; and one 250-mL plastic bottle and two 1000-mL amber glass bottles were collected at borings B1, B2, and B3 to be analyzed for NWTPH-Dx and NWTPH-G/ 8021.

#### **4.7 Abandonment of Borings**

Upon completion of the soil sampling activities, each soil boring was filled with the soil cuttings generated during the sampling activities. The remaining void in each borehole was filled with bentonite chips. The top two to four inches were backfilled with asphalt and compacted.



## 5.0 RESULTS

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### 5.1 Geology/Hydrogeology

The geology in the Yakima River basin is varied. The mountainous areas in the western part consist of many different types of rock, including basalt and andesite. Representative soils that formed in loess (wind-blown silt) mixed with material derived from basalt and in residuum and colluvium in these areas are those of the Jumpe, Sutkin, Sapkin, and Naxing series. The principal rock in the central and eastern parts is Yakima Basalt, which is the younger flow of Columbia River Basalt. This basalt originated from large fissures or rifts along which the fluid lava swelled to the surface and spread. Soils such as those in the Ritzville, Starbuck, Shano, and Bickelton series formed in areas where loess is underlain by basalt. Soils such as those in the Bakeoven, Licksillet, Kiona, McDaniel, and Rock Creek series formed in colluvium and residuum derived from basalt.

Overlying the Yakima Basalt in many areas that flank foothills and ridges are the light-colored tuffaceous sandstone, siltstone, and conglomerate of the Ellensburg Formation. This stream-deposited sediment was derived from volcanic material ejected during the early development of the Cascade Range. The formation occurs extensively in the Wenas Valley, in the lower reaches of the Naches valley, in areas west of Yakima, and along the southern part of Rattlesnake Ridge. The formation is more than 1,800 feet thick in some places. Soils that formed in loess mixed with material derived from the Ellensburg Formation are those of the Harwwod, Gorst, Cowiche, and Taneum series.

Subsequent folding of the basalt has formed a series of east-trending ridges. The Ellensburg Formation was deposited during the early stages of basalt folding; therefore, it is on highly dissected terraces. The uplifting of these folds was so slow that the Yakima River was able to down cut rapidly enough to maintain its course. The tributaries to the Yakima River formed as a result of the basalt folding. In a few areas of the Wenas Valley and near Pamona, the Ellensburg Formation is capped by a late lava flow.

The upper and lower parts of the Yakima River have been filled with material that was deposited by normal stream activity and glacial outwash. These areas include low terraces and floodplains. Representative soils that formed in recent alluvium are those in the Esquatzel, Weirman, Ashue, Wenas, Toppenish, and Umapine series. Extensive areas in the lower part of Yakima Valley are mantled by loess underlain by lake sediment that was deposited during glacial flooding in the late Pleistocene. This sediment occurs at elevations of as much as 1,000 feet.

According to the Soil Survey of Yakima County, the soil type beneath the Subject Property is classified as Ashue Loam, 0 to 2 percent slopes. This soil consists of very deep, well-drained soils on low terraces in stream valleys, formed in alluvium. The surface layer typically is dark brown loam approximately 10-inches thick. The first subsoil is yellowish brown very gravelly heavy loam approximately 5-inches thick. The second subsoil is yellowish brown very gravelly sandy clay loam approximately 14-inches thick. The substratum in the upper part is dark yellowish brown very gravelly sandy loam approximately 5-inches thick. The substratum in the lower part is dark grayish brown extremely gravelly sand to a depth of approximately 70 inches. The available water capacity is low. The depth to bedrock is typically greater than 60 inches.

In general, soils encountered during boring activities consisted primarily of olive-gray, poorly graded silty gravels with up to 1.5-inch cobbles and fines. Groundwater was encountered at a depth of 13 feet below ground surface (bgs) in all of the boring locations. No abnormal staining or discernable odors were

detected in any of the boring locations. General soil classifications and field observations are presented on the Soil Boring Logs/Analytical Summary attached as Appendix B.

The surface drainage on the Subject Property occurs over land to the surrounding streets, primarily to the southeast. There is no evidence of ground subsidence, high water table, or cracking foundations (where visible). No soil studies or soil boring data were presented to EBI for review, nor were any identified during the course of our investigation. No indication of cross-lot runoff, swales, drainage flows, or active rills or gullies were observed on the Subject Property. No visual indications of filled ground were observed. Based on the physical conditions of the Subject Property and surrounding properties, shallow groundwater flow is anticipated to be to the southeast.

## 5.2 Soil Analysis Results

<b>Soil Analytical Results</b>					
Soil Boring & Depth (feet)	TPH Gasoline Range (mg/kg)	TPH Diesel Range (mg/kg)	TPH Oil Range (mg/kg)	VOCs (mg/kg)	Metals- Lead (mg/kg)
B1 - 12	Non-Detect	Non-Detect	Non-Detect	Non-Detect	1.09
B2 - 12	Non-Detect	Non-Detect	Non-Detect	Non-Detect	2.15
B3 - 12	Non-Detect	Non-Detect	Non-Detect	Non-Detect	41.6
B4 - 12	Non-Detect	Non-Detect	Non-Detect	Non-Detect	1.39

## 5.3 Groundwater Analysis Results

<b>Groundwater Analytical Results</b>					
Soil Boring	TPH Gasoline Range (µg/l)	TPH Diesel Range (mg/l)	TPH Oil Range (mg/l)	BTEX (µg/l)	VOCs (µg/l)
B1-GW	Non-Detect	Non-Detect	Non-Detect	Non-Detect	16.7 tetrachloroethene
B2-GW	Non-Detect	Non-Detect	Non-Detect	Non-Detect	38.2 tetrachloroethene
B3-GW	Non-Detect	Non-Detect	Non-Detect	Non-Detect	Non-Detect

## 6.0 CONCLUSIONS

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Based on the results of this limited subsurface investigation, EBI concludes the following:

- Lead is considered hazardous if it is greater than 1200 mg/kg or greater in bare soil. None of the concentrations of lead were higher than 41.6 mg/kg.
- Based on the analytical results and the findings of the limited subsurface investigation at the Subject Property, it is EBI's opinion that the onsite USTs have not adversely impacted the Subject Property.
- A condition for which WADOE notification is required in accordance with Washington administrative Code WAC 173-340-720 exists at the Subject Property based on the presence of tetrachloroethene (a.k.a. perchloroethene (PCE)) concentrations in groundwater samples from borings B-1 and B-2 at level above the United States EPA and WADOE Maximum Contaminant Level allowable for drinking water of 5 micrograms per liter ( $\mu\text{g/l}$ ).
- WADOE regulations require that notification be provided to WADOE within 90-days of the owner/operator having knowledge of the reportable condition. Notification can be provided by submitting this report to the WADOE's Central Regional Office at 15 West Yakima Avenue, Suite 200, Yakima, WA 98902-3452 or by calling Ms. Gwynn Clear at 509-575-2012.
- The source and extent of the PCE contamination is unknown, however based on the inferred direction of groundwater flow to the southeast and the absence of detectable PCE in the groundwater from the downgradient boring B-3 the extent of the PCE contamination at the Subject Property appears limited. The PCE contamination appears to have originated from an off-site source based on the absence of readily identifiable sources of PCE contamination on the Subject Property in the vicinity of borings B-1 and B-2. PCE is most commonly associated with electronics manufacturing and dry cleaning. According to the WADOE a large PCE groundwater contamination plume exists in the Yakima area. It is unknown if this known PCE plume exists in the area of the Subject Property.
- Subsequent to WADOE notification, the WADOE will determine the need for additional actions if warranted. Additional actions could include the determination of the extent of contamination and the risk posed by the contamination. If a condition of no significant risk can be shown to exist using WADOE risk assessment protocols, then an application for site closure can be made. Based on the likely off-site source of the contamination, no further action may be required subsequent to WADOE notification.



## **7.0 RECOMMENDATIONS**

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Based on the results and conclusions of this limited subsurface investigation, EBI recommends the following:

- The WADOE Central Regional Office should be notified of the detection of PCE in groundwater at levels above the maximum contaminant levels for drinking water.

## **8.0 LIMITATIONS**

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This *Report* was prepared for the use of AMRESKO Commercial Finance, LLC. It was performed in accordance with generally accepted practices of other Consulting undertaking similar studies at the same time and in the same locale under like circumstances; as well as in accordance with the Scope or Work provided by Universal Solutions, Inc. and the alterations to that Scope of Work as verbally discussed. The conclusions provided by EBI are based solely on the information obtained during the subsurface investigation. EBI renders no opinion as to the presence of potential contamination in the areas not investigated. The observations in this *Report* are valid on the date of the investigation. Any additional information that becomes available concerning the Subject Property should be provided to EBI so that our conclusions may be revised and modified, if necessary. This *Report* has been prepared in accordance with the proposal approved by AMRESKO Commercial Finance, LLC and with the limitations described in *Attachment A*, all of which are integral parts of this *Report*. No other warranty, expressed or implied, is made.

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ATTACHMENT A  
LIMITATIONS

1. The observations described in this *Report* were made under the conditions stated herein. The conclusions presented are based solely upon the services described, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in this *Report* was carried out in accordance with terms and conditions in our *Authorization Letter and Agreement for Environmental Services* regarding the Site, which are incorporated herein by references.
2. In preparing this *Report*, EBI has relied on certain information provided by state and other referenced parties, and on information contained in the files of federal, state and/or local agencies available to EBI at the time of the assessment. Although there may have been some degree of overlap in the information provided by these various sources, EBI did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of these *Environmental Services*.
3. Observations were made of the Site and of structures on the Site as indicated within the *Report*. Where access to portions of the Site or to structures on the Site was unavailable or limited, EBI renders no opinion as to the presence of oil or hazardous materials (OHM) in that portion of the Site or structure. In addition, EBI renders no opinion as to the presence of OHM or the presence of indirect evidence relating to OHM where direct observation of the interior walls, floor, or ceiling of a structure on a Site was obstructed by objects or coverings on or over these surfaces. No representations concerning insulating material is expressed or implied.
4. EBI did not perform testing or analyses to determine the presence or concentration of asbestos, radon, or lead at the Site unless specifically stated otherwise in the *Report*. Similarly, no investigation of dust or air quality was conducted unless specifically stated otherwise in the *Report*.
5. The purpose of this *Report* is to assess the physical characteristics of the Site with respect to the presence of OHM in the environment. No specific attempt was made to determine the compliance of present or past owners or operators of the Site with federal, state, or local laws or regulations (environmental or otherwise).
6. Except as noted in the *Report*, no quantitative laboratory testing was performed as part of the assessment. Where such analyses have been conducted by an outside laboratory, EBI has relied upon the data provided, and has not conducted an independent evaluation of the reliability of this data.
7. Any qualitative or quantitative information regarding the Site, which was not available to EBI at the time of this assessment may result in a modification of the representations made herein.
8. It is acknowledged that EBI judgments shall not be based on scientific or technical test or procedures beyond the scope of the Services or beyond the time and budgetary constraints imposed by Client. It is acknowledged further that EBI conclusions shall not rest on pure science but on such considerations as economic feasibility and available alternatives. Client also acknowledges that, because geologic and soil formations are inherently random, variable, and indeterminate in nature, the Services and opinions provided under this Agreement with respect to such Services, are not guaranteed to be a representation of actual conditions on the Site, which are also subject to change with time as a result of natural or man-made processes, including water permeation. In performing the Services, EBI shall use that degree of care and skill ordinarily exercised by environmental Consulting or engineers performing similar services in the same or similar locality. The standard of care shall be determined solely at the time the Services are rendered and not according to standards utilized at a later date. The Services shall be rendered without any other warranty, expressed or implied, including, without limitation, the warranty of merchant ability and the warranty of fitness for a particular purpose.
9. Client and EBI agree that to the fullest extent permitted by law, EBI shall not be liable to Client for any special, indirect or consequential damages whatsoever, whether caused by EBI's negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause of causes whatsoever.

**APPENDIX A**  
**LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY**  
**DOCUMENTATION**

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**APPENDIX B  
SOIL BORING LOGS**

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**FIGURES**

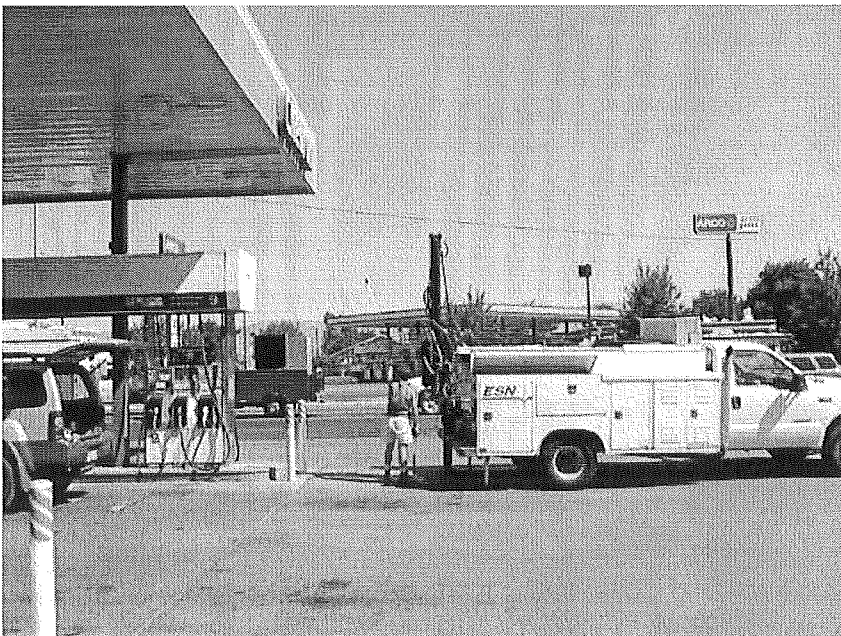
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**PHOTOGRAPHS**

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1. Subject Property  
viewed from East  
Nob Hill Blvd.



2. Drilling at B1.



3. Drilling at B2.



4. Drilling at B4.

**APPENDIX A**  
**LABORATORY ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY**  
**DOCUMENTATION**

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7/30/04

CASE NARRATIVE

**EBI CONSULTANTS 10966**

**FOUR A STREET  
BURLINGTON, MA 01803**

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: MAID O  
Project Number: 248092.  
Laboratory Project Number: 382985.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

Sample Identification	Lab Number	Page 1 Collection Date
N-B-1-GW	04-A111176	7/15/04
N-B-2-GW	04-A111177	7/15/04
N-B-3-GW	04-A111178	7/15/04
N-B-1-12	04-A111179	7/15/04
N-B-2-12	04-A111180	7/15/04
N-B-3-12	04-A111181	7/15/04
N-B-4-12	04-A111182	7/15/04

Sample Identification  
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Lab Number  
-----

Page 2  
Collection Date  
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These results relate only to the items tested.  
This report shall not be reproduced except in full and with  
permission of the laboratory.

Report Approved By: Roxanne Connor Report Date: 7/29/04

Johnny A. Mitchell, Operations Manager  
Michael H. Dunn, M.S., Technical Director  
Pamela A. Langford, Technical Services  
Eric S. Smith, QA/QC Director  
Sandra McMillin, Technical Services

Gail A. Lage, Technical Services  
Glenn L. Norton, Technical Services  
Kelly S. Comstock, Technical Services  
Roxanne L. Connor, Technical Services

Laboratory Certification Number: C249

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## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Project: 248092  
Project Name: MAID O  
Sampler: TRAVIS MAURER

Lab Number: 04-A111176

Sample ID: N-B-1-GW

Sample Type: Water

Site ID:

Date Collected: 7/15/04

Time Collected: 12:30

Date Received: 7/17/04

Time Received: 8:00

Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
TPH (Gasoline Range)	ND	mg/l	0.100	1.0	7/21/04	23:36	H. Wagner	NWTPH-Gx	694
TPH (Oil Range)	ND	mg/l	0.100	1.0	7/23/04	11:25	M.Jarrett	NWTPH-Dx	2824
TPH (Diesel Range)	ND	mg/l	0.100	1.0	7/23/04	11:25	M.Jarrett	NWTPH-Dx	2824
<b>*VOLATILE ORGANICS*</b>									
Benzene	ND	mg/l	0.0010	1.0	7/26/04	18:00	B.Herford	8260B	5262
Toluene	ND	mg/l	0.0010	1.0	7/26/04	18:00	B.Herford	8260B	5262
Ethylbenzene	ND	mg/l	0.0010	1.0	7/26/04	18:00	B.Herford	8260B	5262
Xylenes (Total)	ND	mg/l	0.0010	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,2-Dibromoethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Methyl-t-butyl ether	ND	mg/l	0.0010	1.0	7/26/04	18:00	B.Herford	8260B	5262
tert-amyl methyl ether	ND	mg/L	0.0010	1.0	7/26/04	18:00	B.Herford	8260B	5262
Bromochloromethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Carbon tetrachloride	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Chlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Chloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Chloroform	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Chloromethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
2-Chlorotoluene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
4-Chlorotoluene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00500	1.0	7/26/04	18:00	B.Herford	8260B	5262
Dibromochloromethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111176  
Sample ID: N-B-1-GW  
Project: 248092  
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
cis-1,3-Dichloropropene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
trans-1,3-Dichloropropene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Hexachlorobutadiene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Methylene chloride	ND	mg/l	0.00250	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Tetrachloroethene	0.0167	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Trichloroethene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,2,4-Trimethylbenzene	ND	mg/l	0.0010	1.0	7/26/04	18:00	B.Herford	8260B	5262
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Vinyl chloride	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Bromodichloromethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	7/26/04	18:00	B.Herford	8260B	5262
Diisopropyl ether	ND	mg/l	0.00500	1.0	7/26/04	18:00	B.Herford	8260B	5262
<b>*METALS*</b>									
Lead, Dissolved	ND	mg/l	0.0050	1.0	7/22/04	13:28	C. Martin	6010B	1589

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111176  
 Sample ID: N-B-1-GW  
 Project: 248092  
 Page 3

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 Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
NWTPH-Dx	1000 ml	1.00 ml	7/21/04		K. Turner	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	74.	50. - 141.
BTEX/GRO Surr., a,a,a-TFT	77.	62. - 136.
VOA Surr 1,2-DCA-d4	96.	71. - 128.
VOA Surr Toluene-d8	95.	77. - 119.
VOA Surr, 4-BFB	103.	79. - 123.
VOA Surr, DBFM	96.	78. - 124.

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.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A111177

Sample ID: N-B-2-GW

Sample Type: Water

Site ID:

Project: 248092

Project Name: MAID O

Sampler: TRAVIS MAURER

Date Collected: 7/15/04

Time Collected: 14:00

Date Received: 7/17/04

Time Received: 8:00

Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
TPH (Gasoline Range)	ND	mg/l	0.100	1.0	7/22/04	0:07	H. Wagner	NWTPH-Gx	694
TPH (Oil Range)	ND	mg/l	0.100	1.0	7/23/04	11:41	M. Jarrett	NWTPH-Dx	2824
TPH (Diesel Range)	ND	mg/l	0.100	1.0	7/23/04	11:41	M. Jarrett	NWTPH-Dx	2824
<b>*VOLATILE ORGANICS*</b>									
Benzene	ND	mg/l	0.0010	1.0	7/26/04	18:28	B. Herford	8260B	5262
Toluene	ND	mg/l	0.0010	1.0	7/26/04	18:28	B. Herford	8260B	5262
Ethylbenzene	ND	mg/l	0.0010	1.0	7/26/04	18:28	B. Herford	8260B	5262
Xylenes (Total)	ND	mg/l	0.0010	1.0	7/26/04	18:28	B. Herford	8260B	5262
1,2-Dibromoethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
Methyl-t-butyl ether	ND	mg/l	0.0010	1.0	7/26/04	18:28	B. Herford	8260B	5262
tert-amyl methyl ether	ND	mg/L	0.0010	1.0	7/26/04	18:28	B. Herford	8260B	5262
Bromochloromethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
Carbon tetrachloride	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
Chlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
Chloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
Chloroform	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
Chloromethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
2-Chlorotoluene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
4-Chlorotoluene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00500	1.0	7/26/04	18:28	B. Herford	8260B	5262
Dibromochloromethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B. Herford	8260B	5262

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111177  
Sample ID: N-B-2-GW  
Project: 248092  
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
cis-1,3-Dichloropropene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
trans-1,3-Dichloropropene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
Hexachlorobutadiene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
Methylene chloride	ND	mg/l	0.00250	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
Tetrachloroethene	0.0382	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
Trichloroethene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,2,4-Trimethylbenzene	ND	mg/l	0.0010	1.0	7/26/04	18:28	B.Herford	8260B	5262
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
Vinyl chloride	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
Bromodichloromethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	7/26/04	18:28	B.Herford	8260B	5262
Diisopropyl ether	ND	mg/l	0.00500	1.0	7/26/04	18:28	B.Herford	8260B	5262
*METALS*									
Lead, Dissolved	ND	mg/l	0.0050	1.0	7/22/04	13:28	C. Martin	6010B	1589

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111177  
 Sample ID: N-B-2-GW  
 Project: 248092  
 Page 3

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 Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
NWTPH-Dx	1000 ml	1.00 ml	7/21/04		K. Turner	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	78.	50. - 141.
BTEX/GRO Surr., a,a,a-TFT	78.	62. - 136.
VOA Surr 1,2-DCA-d4	100.	71. - 128.
VOA Surr Toluene-d8	95.	77. - 119.
VOA Surr, 4-BFB	101.	79. - 123.
VOA Surr, DBFM	103.	78. - 124.

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.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
 BURLINGTON, MA 01803

Lab Number: 04-A111178  
 Sample ID: N-B-3-GW  
 Sample Type: Water  
 Site ID:

Project: 248092  
 Project Name: MAID O  
 Sampler: TRAVIS MAURER

Date Collected: 7/15/04  
 Time Collected: 15:15  
 Date Received: 7/17/04  
 Time Received: 8:00  
 Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*ORGANIC PARAMETERS*</b>									
TPH (Gasoline Range)	ND	mg/l	0.100	1.0	7/22/04	0:38	H. Wagner	NWTPH-Gx	694
TPH (Oil Range)	ND	mg/l	0.100	1.0	7/23/04	11:57	M.Jarrett	NWTPH-Dx	2824
TPH (Diesel Range)	ND	mg/l	0.100	1.0	7/23/04	11:57	M.Jarrett	NWTPH-Dx	2824
<b>*VOLATILE ORGANICS*</b>									
Benzene	ND	mg/l	0.0010	1.0	7/22/04	15:40	B.Herford	8260B	3265
Toluene	ND	mg/l	0.0010	1.0	7/22/04	15:40	B.Herford	8260B	3265
Ethylbenzene	ND	mg/l	0.0010	1.0	7/22/04	15:40	B.Herford	8260B	3265
Xylenes (Total)	ND	mg/l	0.0010	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,2-Dibromoethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Methyl-t-butyl ether	ND	mg/l	0.0010	1.0	7/22/04	15:40	B.Herford	8260B	3265
tert-amyl methyl ether	ND	mg/l	0.0010	1.0	7/22/04	15:40	B.Herford	8260B	3265
Bromochloromethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Carbon tetrachloride	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Chlorobenzene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Chloroethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Chloroform	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Chloromethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
2-Chlorotoluene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
4-Chlorotoluene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,2-Dibromo-3-chloropropane	ND	mg/l	0.00500	1.0	7/22/04	15:40	B.Herford	8260B	3265
Dibromochloromethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,2-Dichlorobenzene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,3-Dichlorobenzene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,4-Dichlorobenzene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Dichlorodifluoromethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111178  
Sample ID: N-B-3-GW  
Project: 248092  
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,2-Dichloroethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,1-Dichloroethene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
cis-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
trans-1,2-Dichloroethene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,2-Dichloropropane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,3-Dichloropropane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
2,2-Dichloropropane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,1-Dichloropropene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
cis-1,3-Dichloropropene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
trans-1,3-Dichloropropene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Hexachlorobutadiene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Methylene chloride	ND	mg/l	0.00250	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,1,1,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,1,2,2-Tetrachloroethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Tetrachloroethene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,2,3-Trichlorobenzene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,2,4-Trichlorobenzene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,1,1-Trichloroethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,1,2-Trichloroethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Trichloroethene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,2,3-Trichloropropane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,2,4-Trimethylbenzene	ND	mg/l	0.0010	1.0	7/22/04	15:40	B.Herford	8260B	3265
1,3,5-Trimethylbenzene	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Vinyl chloride	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Bromodichloromethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Trichlorofluoromethane	ND	mg/l	0.00100	1.0	7/22/04	15:40	B.Herford	8260B	3265
Diisopropyl ether	ND	mg/l	0.00500	1.0	7/22/04	15:40	B.Herford	8260B	3265
*METALS*									
Lead, Dissolved	ND	mg/l	0.0050	1.0	7/22/04	13:28	C. Martin	6010B	1589

Sample report continued . . .



## ANALYTICAL REPORT

Laboratory Number: 04-A111178  
 Sample ID: N-B-3-GW  
 Project: 248092  
 Page 3

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 Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
NWTPH-Dx	1000 ml	1.00 ml	7/21/04		K. Turner	3510

Surrogate	% Recovery	Target Range
surr-o-Terphenyl	96.	50. - 141.
BTEX/GRO Surr., a,a,a-TFT	79.	62. - 136.
VOA Surr 1,2-DCA-d4	96.	71. - 128.
VOA Surr Toluene-d8	97.	77. - 119.
VOA Surr, 4-BFB	101.	79. - 123.
VOA Surr, DBFM	96.	78. - 124.

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.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966  
FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A111179  
Sample ID: N-B-1-12  
Sample Type: Soil  
Site ID:

Project: 248092  
Project Name: MAID O  
Sampler: TRAVIS MAURER

Date Collected: 7/15/04  
Time Collected: 12:30  
Date Received: 7/17/04  
Time Received: 8:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*GENERAL CHEMISTRY PARAMETERS*</b>									
% Dry Weight	96.8	%		1	7/29/04	13:39	B.Plett	CLP	8484
<b>*ORGANIC PARAMETERS*</b>									
TPH (Gasoline Range)	ND	mg/kg	5.17	1	7/27/04	23:19	J. Redmond	NWTPH-Gx	5062
TPH (Diesel Range)	ND	mg/kg	10.1	1	7/23/04	12:13	M.Jarrett	NWTPH-Dx	5317
TPH (Oil Range)	ND	mg/kg	10.1	1	7/23/04	12:13	M.Jarrett	NWTPH-Dx	5317
<b>*VOLATILE ORGANICS*</b>									
Methyl-t-amyl ether	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Benzene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Bromochloromethane	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
Carbon tetrachloride	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Chlorobenzene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Chloroethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Chloroform	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Chloromethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
2-Chlorotoluene	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
4-Chlorotoluene	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.00517	1	7/22/04	22:35	J. Yun	8260B	3968
Dibromochloromethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,2-Dibromoethane	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
1,2-Dichlorobenzene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,3-Dichlorobenzene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,4-Dichlorobenzene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Dichlorodifluoromethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111179

Sample ID: N-B-1-12

Project: 248092

Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,2-Dichloroethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,1-Dichloroethene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
cis-1,2-Dichloroethene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
trans-1,2-Dichloroethene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,2-Dichloropropane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,3-Dichloropropane	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
2,2-Dichloropropane	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
1,1-Dichloropropene	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
cis-1,3-Dichloropropene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
trans-1,3-Dichloropropene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Ethylbenzene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Methylene chloride	0.0095	mg/Kg	0.0052	1	7/22/04	22:35	J. Yun	8260B	3968
1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Tetrachloroethene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Toluene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,2,3-Trichlorobenzene	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
1,2,4-Trichlorobenzene	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
1,1,1-Trichloroethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,1,2-Trichloroethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Trichloroethene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,2,3-Trichloropropane	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
1,2,4-Trimethylbenzene	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
1,3,5-Trimethylbenzene	ND	mg/Kg	0.00207	1	7/22/04	22:35	J. Yun	8260B	3968
Vinyl chloride	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Xylenes (Total)	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Bromodichloromethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Trichlorofluoromethane	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Methyl-t-butyl ether	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
Diisopropyl ether	ND	mg/Kg	0.0021	1	7/22/04	22:35	J. Yun	8260B	3968
*METALS*									
Lead	1.13	mg/kg	0.99	1	7/29/04	12:50	C. Johnson	6010B	8254

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111179  
Sample ID: N-B-1-12  
Project: 248092  
Page 3

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Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
NWTPH-Dx	10.2 gm	1.0 ml	7/21/04		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	60. - 130.
EPH surr-o-Terphenyl	65.	49. - 145.
VOA Surr 1,2-DCA-d4	102.	59. - 134.
VOA Surr Toluene-d8	93.	67. - 129.
VOA Surr, 4-BFB	100.	60. - 134.
VOA Surr, DBFM	100.	67. - 126.

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.

All reported results for metals or Organic analyses have been corrected for dry weight

End of Sample Report.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Project: 248092  
Project Name: MAID O  
Sampler: TRAVIS MAURER

Lab Number: 04-A111180  
Sample ID: N-B-2-12  
Sample Type: Soil  
Site ID:

Date Collected: 7/15/04  
Time Collected: 14:00  
Date Received: 7/17/04  
Time Received: 8:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*GENERAL CHEMISTRY PARAMETERS*</b>									
% Dry Weight	96.3	%		1	7/29/04	13:39	B. Plett	CLP	8484
<b>*ORGANIC PARAMETERS*</b>									
TPH (Gasoline Range)	ND	mg/kg	5.19	1	7/27/04	23:54	J. Redmond	NWTPH-Gx	5062
TPH (Diesel Range)	ND	mg/kg	10.9	1	7/23/04	12:29	M. Jarrett	NWTPH-Dx	5317
TPH (Oil Range)	15.5	mg/kg	10.9	1	7/23/04	12:29	M. Jarrett	NWTPH-Dx	5317
<b>*VOLATILE ORGANICS*</b>									
Methyl-t-amyl ether	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Benzene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Bromochloromethane	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
Carbon tetrachloride	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Chlorobenzene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Chloroethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Chloroform	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Chloromethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
2-Chlorotoluene	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
4-Chlorotoluene	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.00519	1	7/22/04	23:05	J. Yun	8260B	3968
Dibromochloromethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,2-Dibromoethane	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
1,2-Dichlorobenzene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,3-Dichlorobenzene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,4-Dichlorobenzene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Dichlorodifluoromethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111180  
Sample ID: N-B-2-12  
Project: 248092  
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,2-Dichloroethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,1-Dichloroethene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
cis-1,2-Dichloroethene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
trans-1,2-Dichloroethene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,2-Dichloropropane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,3-Dichloropropane	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
2,2-Dichloropropane	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
1,1-Dichloropropene	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
cis-1,3-Dichloropropene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
trans-1,3-Dichloropropene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Ethylbenzene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Methylene chloride	ND	mg/Kg	0.0052	1	7/22/04	23:05	J. Yun	8260B	3968
1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Tetrachloroethene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Toluene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,2,3-Trichlorobenzene	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
1,2,4-Trichlorobenzene	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
1,1,1-Trichloroethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,1,2-Trichloroethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Trichloroethene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,2,3-Trichloropropane	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
1,2,4-Trimethylbenzene	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
1,3,5-Trimethylbenzene	ND	mg/Kg	0.00208	1	7/22/04	23:05	J. Yun	8260B	3968
Vinyl chloride	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Xylenes (Total)	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Bromodichloromethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Trichlorofluoromethane	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Methyl-t-butyl ether	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
Diisopropyl ether	ND	mg/Kg	0.0021	1	7/22/04	23:05	J. Yun	8260B	3968
*METALS*									
Lead	2.23	mg/kg	1.02	1	7/29/04	12:50	C. Johnson	6010B	8254

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111180  
Sample ID: N-B-2-12  
Project: 248092  
Page 3

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Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
NWTPH-Dx	9.54 gm	1.0 ml	7/21/04		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	94.	60. - 130.
EPH surr-o-Terphenyl	79.	49. - 145.
VOA Surr 1,2-DCA-d4	105.	59. - 134.
VOA Surr Toluene-d8	94.	67. - 129.
VOA Surr, 4-BFB	98.	60. - 134.
VOA Surr, DBFM	102.	67. - 126.

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.

All reported results for metals or Organic analyses have been corrected for dry weight

End of Sample Report.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966

FOUR A STREET  
BURLINGTON, MA 01803

Project: 248092  
Project Name: MAID O  
Sampler: TRAVIS MAURER

Lab Number: 04-A111181  
Sample ID: N-B-3-12  
Sample Type: Soil  
Site ID:

Date Collected: 7/15/04  
Time Collected: 15:15  
Date Received: 7/17/04  
Time Received: 8:00  
Page: 1

Analyte	Result	Units	Report	Dil	Analysis		Analyst	Method	Batch	
			Limit		Factor	Date				Time
<b>*GENERAL CHEMISTRY PARAMETERS*</b>										
% Dry Weight	96.9	%		1		7/29/04	13:39	B.Plett	CLP	8484
<b>*ORGANIC PARAMETERS*</b>										
TPH (Gasoline Range)	ND	mg/kg	5.16	1		7/28/04	0:28	J. Redmond	NWTPH-Gx	5062
TPH (Diesel Range)	ND	mg/kg	10.3	1		7/23/04	12:45	M.Jarrett	NWTPH-Dx	5317
TPH (Oil Range)	15	mg/kg	10.3	1		7/23/04	12:45	M.Jarrett	NWTPH-Dx	5317
<b>*VOLATILE ORGANICS*</b>										
Methyl-t-amyl ether	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
Benzene	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
Bromochloromethane	ND	mg/Kg	0.00206	1		7/23/04	18:28	J. Yun	8260B	3981
Carbon tetrachloride	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
Chlorobenzene	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
Chloroethane	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
Chloroform	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
Chloromethane	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
2-Chlorotoluene	ND	mg/Kg	0.00206	1		7/23/04	18:28	J. Yun	8260B	3981
4-Chlorotoluene	ND	mg/Kg	0.00206	1		7/23/04	18:28	J. Yun	8260B	3981
1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.00516	1		7/23/04	18:28	J. Yun	8260B	3981
Dibromochloromethane	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
1,2-Dibromoethane	ND	mg/Kg	0.00206	1		7/23/04	18:28	J. Yun	8260B	3981
1,2-Dichlorobenzene	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
1,3-Dichlorobenzene	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
1,4-Dichlorobenzene	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981
Dichlorodifluoromethane	ND	mg/Kg	0.0021	1		7/23/04	18:28	J. Yun	8260B	3981

Sample report continued . . .



## ANALYTICAL REPORT

Laboratory Number: 04-A111181  
 Sample ID: N-B-3-12  
 Project: 248092  
 Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
1,2-Dichloroethane	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
1,1-Dichloroethene	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
cis-1,2-Dichloroethene	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
trans-1,2-Dichloroethene	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
1,2-Dichloropropane	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
1,3-Dichloropropane	ND	mg/Kg	0.00206	1	7/23/04	18:28	J. Yun	8260B	3981
2,2-Dichloropropane	ND	mg/Kg	0.00206	1	7/23/04	18:28	J. Yun	8260B	3981
1,1-Dichloropropene	ND	mg/Kg	0.00206	1	7/23/04	18:28	J. Yun	8260B	3981
cis-1,3-Dichloropropene	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
trans-1,3-Dichloropropene	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
Ethylbenzene	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
Methylene chloride	0.0055	mg/Kg	0.0052	1	7/23/04	18:28	J. Yun	8260B	3981
1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.00206	1	7/23/04	18:28	J. Yun	8260B	3981
1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
Tetrachloroethene	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
Toluene	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
1,2,3-Trichlorobenzene	ND	mg/Kg	0.00206	1	7/23/04	18:28	J. Yun	8260B	3981
1,2,4-Trichlorobenzene	ND	mg/Kg	0.00206	1	7/23/04	18:28	J. Yun	8260B	3981
1,1,1-Trichloroethane	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
1,1,2-Trichloroethane	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
Trichloroethene	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
1,2,3-Trichloropropane	ND	mg/Kg	0.00206	1	7/23/04	18:28	J. Yun	8260B	3981
1,2,4-Trimethylbenzene	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
1,3,5-Trimethylbenzene	ND	mg/Kg	0.00206	1	7/23/04	18:28	J. Yun	8260B	3981
Vinyl chloride	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
Xylenes (Total)	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
Bromodichloromethane	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
Trichlorofluoromethane	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
Methyl-t-butyl ether	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
Diisopropyl ether	ND	mg/Kg	0.0021	1	7/23/04	18:28	J. Yun	8260B	3981
*METALS*									
Lead	42.9	mg/kg	1.00	1	7/29/04	12:50	C. Johnson	6010B	8254

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111181  
Sample ID: N-B-3-12  
Project: 248092  
Page 3

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Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
NWTPH-Dx	10.0 gm	1.0 ml	7/21/04		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST Surr-Trifluorotoluene	93.	60. - 130.
EPH Surr-o-Terphenyl	74.	49. - 145.
VOA Surr 1,2-DCA-d4	102.	59. - 134.
VOA Surr Toluene-d8	94.	67. - 129.
VOA Surr, 4-BFB	97.	60. - 134.
VOA Surr, DBFM	97.	67. - 126.

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.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

## ANALYTICAL REPORT

EBI CONSULTANTS 10966  
FOUR A STREET  
BURLINGTON, MA 01803

Lab Number: 04-A111182  
Sample ID: N-B-4-12  
Sample Type: Soil  
Site ID:

Project: 248092  
Project Name: MAID O  
Sampler: TRAVIS MAURER

Date Collected: 7/15/04  
Time Collected: 16:30  
Date Received: 7/17/04  
Time Received: 8:00  
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<b>*GENERAL CHEMISTRY PARAMETERS*</b>									
% Dry Weight	97.6	%		1	7/29/04	13:39	B.Plett	CLP	8484
<b>*ORGANIC PARAMETERS*</b>									
TPH (Gasoline Range)	ND	mg/kg	5.12	1	7/28/04	1:03	J. Redmond	NWTPH-Gx	5062
TPH (Diesel Range)	ND	mg/kg	10.5	1	7/23/04	13:01	M.Jarrett	NWTPH-Dx	5317
TPH (Oil Range)	35.8	mg/kg	10.5	1	7/23/04	13:01	M.Jarrett	NWTPH-Dx	5317
<b>*VOLATILE ORGANICS*</b>									
Methyl-t-amyl ether	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Benzene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Bromochloromethane	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
Carbon tetrachloride	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Chlorobenzene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Chloroethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Chloroform	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Chloromethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
2-Chlorotoluene	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
4-Chlorotoluene	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.00512	1	7/22/04	18:27	J. Yun	8260B	3872
Dibromochloromethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,2-Dibromoethane	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
1,2-Dichlorobenzene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,3-Dichlorobenzene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,4-Dichlorobenzene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Dichlorodifluoromethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111182  
Sample ID: N-B-4-12  
Project: 248092  
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,2-Dichloroethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,1-Dichloroethene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
cis-1,2-Dichloroethene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
trans-1,2-Dichloroethene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,2-Dichloropropane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,3-Dichloropropane	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
2,2-Dichloropropane	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
1,1-Dichloropropene	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
cis-1,3-Dichloropropene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
trans-1,3-Dichloropropene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Ethylbenzene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Methylene chloride	0.0052	mg/Kg	0.0051	1	7/22/04	18:27	J. Yun	8260B	3872
1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Tetrachloroethene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Toluene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,2,3-Trichlorobenzene	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
1,2,4-Trichlorobenzene	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
1,1,1-Trichloroethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,1,2-Trichloroethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Trichloroethene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,2,3-Trichloropropane	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
1,2,4-Trimethylbenzene	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
1,3,5-Trimethylbenzene	ND	mg/Kg	0.00205	1	7/22/04	18:27	J. Yun	8260B	3872
Vinyl chloride	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Xylenes (Total)	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Bromodichloromethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Trichlorofluoromethane	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Methyl-t-butyl ether	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
Diisopropyl ether	ND	mg/Kg	0.002	1	7/22/04	18:27	J. Yun	8260B	3872
*METALS*									
Lead	1.42	mg/kg	1.01	1	7/29/04	12:50	C. Johnson	6010B	8254

Sample report continued . . .

## ANALYTICAL REPORT

Laboratory Number: 04-A111182  
Sample ID: N-B-4-12  
Project: 248092  
Page 3

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Sample Extraction Data

Parameter	Wt/Vol		Date	Time	Analyst	Method
	Extracted	Extract Vol				
NWTPH-Dx	9.79 gm	1.0 ml	7/21/04		M. Ricke	3550

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	80.	60. - 130.
EPH surr-o-Terphenyl	74.	49. - 145.
VOA Surr 1,2-DCA-d4	103.	59. - 134.
VOA Surr Toluene-d8	93.	67. - 129.
VOA Surr, 4-BFB	98.	60. - 134.
VOA Surr, DBFM	102.	67. - 126.

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.

All reported results for metals or Organic analyses have been corrected for dry weight

End of Sample Report.

**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

Page: 1

Laboratory Receipt Date: 7/20/04

**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 Sam
<b>**UST ANALYSIS**</b>								
TPH (Gasoline Range)	mg/kg	< 5.00	5.46	10.0	55	36. - 155.	5062	04-A1111f
TPH (Diesel Range)	mg/kg	< 10.5	35.9	40.0	90	26. - 151.	5317	04-A1114f
TPH (Gasoline Range)	mg/l	0.457	1.15	1.00	69	61. - 138.	694	111105
TPH (Diesel Range)	mg/l	< 0.100	0.966	1.00	97	20. - 141.	2824	blank
<b>**VOA PARAMETERS**</b>								
Benzene	mg/l	< 0.0005	0.0582	0.0500	116	73 - 135	3265	BLANK
Benzene	mg/l	< 0.0005	0.0541	0.0500	108	73 - 135	5262	BLANK
Benzene	mg/kg	< 0.0020	0.0397	0.0500	79	33 - 139	3872	111182
Benzene	mg/kg	0.0008	0.0346	0.0500	68	33 - 139	3968	04-A1111c
Benzene	mg/kg	0.0028	0.0528	0.0500	100	33 - 139	3981	111197
Chlorobenzene	mg/l	< 0.00020	0.0536	0.0500	107	77 - 130	3265	BLANK
Chlorobenzene	mg/l	< 0.00020	0.0516	0.0500	103	77 - 130	5262	BLANK
Chlorobenzene	mg/kg	< 0.0020	0.0371	0.0500	74	22 - 144	3872	111182
Chlorobenzene	mg/kg	< 0.0020	0.0203	0.0500	41	22 - 144	3968	04-A1111c
Chlorobenzene	mg/kg	< 0.0020	0.0500	0.0500	100	22 - 144	3981	111197
1,1-Dichloroethene	mg/l	< 0.00060	0.0590	0.0500	118	71 - 143	3265	BLANK
1,1-Dichloroethene	mg/l	< 0.00060	0.0591	0.0500	118	71 - 143	5262	BLANK
1,1-Dichloroethene	mg/kg	< 0.0020	0.0355	0.0500	71	42 - 142	3872	111182
1,1-Dichloroethene	mg/kg	< 0.0020	0.0379	0.0500	76	42 - 142	3968	04-A1111c
1,1-Dichloroethene	mg/kg	< 0.0020	0.0460	0.0500	92	42 - 142	3981	111197
Toluene	mg/l	< 0.0006	0.0550	0.0500	110	69 - 139	3265	BLANK
Toluene	mg/l	< 0.0006	0.0532	0.0500	106	69 - 139	5262	BLANK
Toluene	mg/kg	0.0008	0.0373	0.0500	73	18 - 150	3872	111182
Toluene	mg/kg	0.0011	0.0255	0.0500	49	18 - 150	3968	04-A1111c
Toluene	mg/kg	0.0026	0.0506	0.0500	96	18 - 150	3981	111197
Trichloroethene	mg/l	0.00070	0.0686	0.0500	136	72 - 141	3265	BLANK

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

Page: 2

Laboratory Receipt Date: 7/20/04

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 Sampl
Trichloroethene	mg/l	< 0.00040	0.0505	0.0500	101	72 - 141	5262	BLANK
Trichloroethene	mg/kg	< 0.0020	0.0391	0.0500	78	32 - 142	3872	111182
Trichloroethene	mg/kg	< 0.0020	0.0311	0.0500	62	32 - 142	3968	04-A11110
Trichloroethene	mg/kg	< 0.0020	0.0533	0.0500	107	32 - 142	3981	111197
Tetrachloroethene	mg/l	< 0.00040	0.0510	0.0500	102	68 - 140	3265	BLANK
Tetrachloroethene	mg/l	< 0.00040	0.0514	0.0500	103	68 - 140	5262	BLANK
Tetrachloroethene	mg/kg	< 0.0020	0.0349	0.0500	70	19 - 145	3872	111182
Tetrachloroethene	mg/kg	< 0.0020	0.0230	0.0500	46	19 - 145	3968	04-A11110
Tetrachloroethene	mg/kg	< 0.0020	0.0519	0.0500	104	19 - 145	3981	111197
VOA Surr 1,2-DCA-d4	% Rec				100	59 - 134	3872	
VOA Surr 1,2-DCA-d4	% Rec				99	59 - 134	3968	
VOA Surr 1,2-DCA-d4	% Rec				104	59 - 134	3981	
VOA Surr Toluene-d8	% Rec				93	67 - 129	3872	
VOA Surr Toluene-d8	% Rec				93	67 - 129	3968	
VOA Surr Toluene-d8	% Rec				94	67 - 129	3981	
VOA Surr, 4-BFB	% Rec				97	60 - 134	3872	
VOA Surr, 4-BFB	% Rec				97	60 - 134	3968	
VOA Surr, 4-BFB	% Rec				98	60 - 134	3981	
VOA Surr, DBFM	% Rec				100	67 - 126	3872	
VOA Surr, DBFM	% Rec				99	67 - 126	3968	
VOA Surr, DBFM	% Rec				100	67 - 126	3981	
**METALS**								
Lead, Dissolved	mg/l	0.0030	0.0500	0.0500	94	80. - 120.	1589	'110205
Lead	mg/kg	< 0.96	101.	100.	101	75. - 125.	8254	04-A11597

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

Page: 3

Laboratory Receipt Date: 7/20/04

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
<b>**UST PARAMETERS**</b>						
TPH (Gasoline Range)	mg/kg	5.46	7.33	29.24#	16.	5062
TPH (Diesel Range)	mg/kg	35.9	38.8	7.76	41.	5317
TPH (Gasoline Range)	mg/l	1.15	1.19	3.42	17.	694
TPH (Diesel Range)	mg/l	0.966	0.940	2.73	60.	2824
BTEX/GRO Surr., a,a,a-TFT	% Recovery		86.			694
<b>**VOA PARAMETERS**</b>						
Benzene	mg/l	0.0582	0.0535	8.42	21.	3265
Benzene	mg/l	0.0541	0.0528	2.43	21.	5262
Benzene	mg/kg	0.0397	0.0438	9.82	43.	3872
Benzene	mg/kg	0.0346	0.0358	3.41	43.	3968
Benzene	mg/kg	0.0528	0.0459	13.98	43.	3981
Chlorobenzene	mg/l	0.0536	0.0537	0.19	19.	3265
Chlorobenzene	mg/l	0.0516	0.0512	0.78	19.	5262
Chlorobenzene	mg/kg	0.0371	0.0416	11.44	46.	3872
Chlorobenzene	mg/kg	0.0203	0.0213	4.81	46.	3968
Chlorobenzene	mg/kg	0.0500	0.0443	12.09	46.	3981
1,1-Dichloroethene	mg/l	0.0590	0.0556	5.93	21.	3265
1,1-Dichloroethene	mg/l	0.0591	0.0564	4.68	21.	5262
1,1-Dichloroethene	mg/kg	0.0355	0.0400	11.92	42.	3872
1,1-Dichloroethene	mg/kg	0.0379	0.0395	4.13	42.	3968
1,1-Dichloroethene	mg/kg	0.0460	0.0405	12.72	42.	3981
Toluene	mg/l	0.0550	0.0541	1.65	24.	3265
Toluene	mg/l	0.0532	0.0523	1.71	24.	5262
Toluene	mg/kg	0.0373	0.0417	11.14	48.	3872
Toluene	mg/kg	0.0255	0.0264	3.47	48.	3968
Toluene	mg/kg	0.0506	0.0449	11.94	48.	3981
Trichloroethene	mg/l	0.0686	0.0602	13.04	21.	3265

Project QC continued . . .



**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

Page: 4

Laboratory Receipt Date: 7/20/04

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Trichloroethene	mg/l	0.0505	0.0485	4.04	21.	5262
Trichloroethene	mg/kg	0.0391	0.0437	11.11	43.	3872
Trichloroethene	mg/kg	0.0311	0.0319	2.54	43.	3968
Trichloroethene	mg/kg	0.0533	0.0465	13.63	43.	3981
Tetrachloroethene	mg/l	0.0510	0.0505	0.99	21.	3265
Tetrachloroethene	mg/l	0.0514	0.0499	2.96	21.	5262
Tetrachloroethene	mg/kg	0.0349	0.0400	13.62	45.	3872
Tetrachloroethene	mg/kg	0.0230	0.0240	4.26	45.	3968
Tetrachloroethene	mg/kg	0.0519	0.0459	12.27	45.	3981
VOA Surr 1,2-DCA-d4	% Rec		96.			3265
VOA Surr 1,2-DCA-d4	% Rec		98.			5262
VOA Surr 1,2-DCA-d4	% Rec		100.			3872
VOA Surr 1,2-DCA-d4	% Rec		101.			3968
VOA Surr 1,2-DCA-d4	% Rec		102.			3981
VOA Surr Toluene-d8	% Rec		99.			3265
VOA Surr Toluene-d8	% Rec		100.			5262
VOA Surr Toluene-d8	% Rec		94.			3872
VOA Surr Toluene-d8	% Rec		94.			3968
VOA Surr Toluene-d8	% Rec		94.			3981
VOA Surr, 4-BFB	% Rec		97.			3265
VOA Surr, 4-BFB	% Rec		101.			5262
VOA Surr, 4-BFB	% Rec		98.			3872
VOA Surr, 4-BFB	% Rec		97.			3968
VOA Surr, 4-BFB	% Rec		97.			3981
VOA Surr, DBFM	% Rec		97.			3265
VOA Surr, DBFM	% Rec		103.			5262
VOA Surr, DBFM	% Rec		100.			3872
VOA Surr, DBFM	% Rec		100.			3968
VOA Surr, DBFM	% Rec		99.			3981

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

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**\*\*METALS\*\***

Lead, Dissolved	mg/l	0.0500	0.0480	4.08	20	1589
Lead	mg/kg	101.	101.	0.00	20	8254

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
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**\*\*UST PARAMETERS\*\***

TPH (Gasoline Range)	mg/kg	10.0	10.2	102	81 - 118	5062
TPH (Diesel Range)	mg/kg	40.0	37.6	94	48 - 130	5317
TPH (Gasoline Range)	mg/l	1.00	0.972	97	83 - 123	694
TPH (Diesel Range)	mg/l	1.00	0.943	94	31 - 127	2824
BTEX/GRO Surr., a,a,a-TFT	% Recovery			N/A	62 - 136	694

**\*\*VOA PARAMETERS\*\***

tert-amyl methyl ether	mg/L	0.0500	0.0516	103	40 - 132	3265
tert-amyl methyl ether	mg/L	0.0500	0.0504	101	40 - 132	3265
tert-amyl methyl ether	mg/L	0.0500	0.0593	119	40 - 132	5262
Methyl-t-amyl ether	mg/Kg	0.0500	0.0436	87	58 - 137	3872
Methyl-t-amyl ether	mg/Kg	0.0500	0.0417	83	58 - 137	3968
Methyl-t-amyl ether	mg/Kg	0.0500	0.0457	91	58 - 137	3981
Benzene	mg/l	0.0500	0.0544	109	81 - 121	3265
Benzene	mg/l	0.0500	0.0535	107	81 - 121	3265
Benzene	mg/l	0.0500	0.0556	111	81 - 121	5262
Benzene	mg/kg	0.0500	0.0523	105	69 - 128	3872
Benzene	mg/kg	0.0500	0.0515	103	69 - 128	3968
Benzene	mg/kg	0.0500	0.0529	106	69 - 128	3981
Bromochloromethane	mg/l	0.0500	0.0571	114	75 - 137	3265
Bromochloromethane	mg/l	0.0500	0.0553	111	75 - 137	3265
Bromochloromethane	mg/l	0.0500	0.0570	114	75 - 137	5262
Bromochloromethane	mg/kg	0.0500	0.0521	104	72 - 139	3872
Bromochloromethane	mg/kg	0.0500	0.0513	103	72 - 139	3968
Bromochloromethane	mg/kg	0.0500	0.0544	109	72 - 139	3981

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Carbon tetrachloride	mg/l	0.0500	0.0475	95	70 - 131	3265
Carbon tetrachloride	mg/l	0.0500	0.0453	91	70 - 131	3265
Carbon tetrachloride	mg/l	0.0500	0.0611	122	70 - 131	5262
Carbon tetrachloride	mg/kg	0.0500	0.0520	104	64 - 139	3872
Carbon tetrachloride	mg/kg	0.0500	0.0515	103	64 - 139	3968
Carbon tetrachloride	mg/kg	0.0500	0.0525	105	64 - 139	3981
Chlorobenzene	mg/l	0.0500	0.0545	109	87 - 120	3265
Chlorobenzene	mg/l	0.0500	0.0536	107	87 - 120	3265
Chlorobenzene	mg/l	0.0500	0.0540	108	87 - 120	5262
Chlorobenzene	mg/kg	0.0500	0.0496	99	75 - 123	3872
Chlorobenzene	mg/kg	0.0500	0.0517	103	75 - 123	3968
Chlorobenzene	mg/kg	0.0500	0.0503	101	75 - 123	3981
Chloroethane	mg/l	0.0500	0.0481	96	65 - 145	3265
Chloroethane	mg/l	0.0500	0.0454	91	65 - 145	3265
Chloroethane	mg/l	0.0500	0.0548	110	65 - 145	5262
Chloroethane	mg/kg	0.0500	0.0589	118	53 - 158	3872
Chloroethane	mg/kg	0.0500	0.0625	125	53 - 158	3968
Chloroethane	mg/kg	0.0500	0.0596	119	53 - 158	3981
Chloroform	mg/l	0.0500	0.0537	107	77 - 128	3265
Chloroform	mg/l	0.0500	0.0525	105	77 - 128	3265
Chloroform	mg/l	0.0500	0.0549	110	77 - 128	5262
Chloroform	mg/kg	0.0500	0.0506	101	68 - 133	3872
Chloroform	mg/kg	0.0500	0.0503	101	68 - 133	3968
Chloroform	mg/kg	0.0500	0.0512	102	68 - 133	3981
Chloromethane	mg/l	0.0500	0.0521	104	46 - 147	3265
Chloromethane	mg/l	0.0500	0.0440	88	46 - 147	3265
Chloromethane	mg/l	0.0500	0.0546	109	46 - 147	5262
Chloromethane	mg/kg	0.0500	0.0509	102	46 - 153	3872
Chloromethane	mg/kg	0.0500	0.0512	102	46 - 153	3968
Chloromethane	mg/kg	0.0500	0.0511	102	46 - 153	3981
2-Chlorotoluene	mg/l	0.0500	0.0563	113	78 - 128	3265

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2-Chlorotoluene	mg/l	0.0500	0.0554	111	78 - 128	3265
2-Chlorotoluene	mg/l	0.0500	0.0592	118	78 - 128	5262
2-Chlorotoluene	mg/kg	0.0500	0.0486	97	65 - 128	3872
2-Chlorotoluene	mg/kg	0.0500	0.0508	102	65 - 128	3968
2-Chlorotoluene	mg/kg	0.0500	0.0478	96	65 - 128	3981
4-Chlorotoluene	mg/l	0.0500	0.0570	114	80 - 130	3265
4-Chlorotoluene	mg/l	0.0500	0.0546	109	80 - 130	3265
4-Chlorotoluene	mg/l	0.0500	0.0618	124	80 - 130	5262
4-Chlorotoluene	mg/kg	0.0500	0.0452	90	59 - 132	3872
4-Chlorotoluene	mg/kg	0.0500	0.0502	100	59 - 132	3968
4-Chlorotoluene	mg/kg	0.0500	0.0453	91	59 - 132	3981
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0419	84	55 - 135	3265
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0423	85	55 - 135	3265
1,2-Dibromo-3-chloropropane	mg/l	0.0500	0.0538	108	55 - 135	5262
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0408	82	54 - 134	3872
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0400	80	54 - 134	3968
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0466	93	54 - 134	3981
Dibromochloromethane	mg/l	0.0500	0.0448	90	63 - 132	3265
Dibromochloromethane	mg/l	0.0500	0.0458	92	63 - 132	3265
Dibromochloromethane	mg/l	0.0500	0.0498	100	63 - 132	5262
Dibromochloromethane	mg/kg	0.0500	0.0476	95	65 - 128	3872
Dibromochloromethane	mg/kg	0.0500	0.0477	95	65 - 128	3968
Dibromochloromethane	mg/kg	0.0500	0.0509	102	65 - 128	3981
1,2-Dibromoethane	mg/l	0.0500	0.0546	109	77 - 136	3265
1,2-Dibromoethane	mg/l	0.0500	0.0547	109	77 - 136	3265
1,2-Dibromoethane	mg/l	0.0500	0.0558	112	77 - 136	5262
1,2-Dibromoethane	mg/kg	0.0500	0.0460	92	46 - 152	3872
1,2-Dibromoethane	mg/kg	0.0500	0.0459	92	46 - 152	3968
1,2-Dibromoethane	mg/kg	0.0500	0.0496	99	46 - 152	3981
1,2-Dichlorobenzene	mg/l	0.0500	0.0563	113	83 - 126	3265
1,2-Dichlorobenzene	mg/l	0.0500	0.0545	109	83 - 126	3265

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2-Dichlorobenzene	mg/l	0.0500	0.0584	117	83 - 126	5262
1,2-Dichlorobenzene	mg/kg	0.0500	0.0481	96	69 - 127	3872
1,2-Dichlorobenzene	mg/kg	0.0500	0.0516	103	69 - 127	3968
1,2-Dichlorobenzene	mg/kg	0.0500	0.0491	98	69 - 127	3981
1,3-Dichlorobenzene	mg/l	0.0500	0.0551	110	85 - 124	3265
1,3-Dichlorobenzene	mg/l	0.0500	0.0532	106	85 - 124	3265
1,3-Dichlorobenzene	mg/l	0.0500	0.0584	117	85 - 124	5262
1,3-Dichlorobenzene	mg/kg	0.0500	0.0462	92	58 - 134	3872
1,3-Dichlorobenzene	mg/kg	0.0500	0.0520	104	58 - 134	3968
1,3-Dichlorobenzene	mg/kg	0.0500	0.0462	92	58 - 134	3981
1,4-Dichlorobenzene	mg/l	0.0500	0.0540	108	83 - 122	3265
1,4-Dichlorobenzene	mg/l	0.0500	0.0526	105	83 - 122	3265
1,4-Dichlorobenzene	mg/l	0.0500	0.0549	110	83 - 122	5262
1,4-Dichlorobenzene	mg/kg	0.0500	0.0455	91	56 - 131	3872
1,4-Dichlorobenzene	mg/kg	0.0500	0.0512	102	56 - 131	3968
1,4-Dichlorobenzene	mg/kg	0.0500	0.0462	92	56 - 131	3981
Dichlorodifluoromethane	mg/l	0.0500	0.0591	118	52 - 159	3265
Dichlorodifluoromethane	mg/l	0.0500	0.0554	111	52 - 159	3265
Dichlorodifluoromethane	mg/l	0.0500	0.0616	123	52 - 159	5262
Dichlorodifluoromethane	mg/kg	0.0500	0.0607	121	45 - 166	3872
Dichlorodifluoromethane	mg/kg	0.0500	0.0586	117	45 - 166	3968
Dichlorodifluoromethane	mg/kg	0.0500	0.0597	119	45 - 166	3981
1,1-Dichloroethane	mg/l	0.0500	0.0545	109	76 - 129	3265
1,1-Dichloroethane	mg/l	0.0500	0.0535	107	76 - 129	3265
1,1-Dichloroethane	mg/l	0.0500	0.0559	112	76 - 129	5262
1,1-Dichloroethane	mg/kg	0.0500	0.0507	101	66 - 138	3872
1,1-Dichloroethane	mg/kg	0.0500	0.0500	100	66 - 138	3968
1,1-Dichloroethane	mg/kg	0.0500	0.0509	102	66 - 138	3981
1,2-Dichloroethane	mg/l	0.0500	0.0515	103	70 - 136	3265
1,2-Dichloroethane	mg/l	0.0500	0.0520	104	70 - 136	3265
1,2-Dichloroethane	mg/l	0.0500	0.0523	105	70 - 136	5262

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,2-Dichloroethane	mg/kg	0.0500	0.0462	92	60 - 137	3872
1,2-Dichloroethane	mg/kg	0.0500	0.0460	92	60 - 137	3968
1,2-Dichloroethane	mg/kg	0.0500	0.0490	98	60 - 137	3981
1,1-Dichloroethene	mg/l	0.0500	0.0558	112	77 - 133	3265
1,1-Dichloroethene	mg/l	0.0500	0.0525	105	77 - 133	3265
1,1-Dichloroethene	mg/l	0.0500	0.0611	122	77 - 133	5262
1,1-Dichloroethene	mg/kg	0.0500	0.0469	94	68 - 138	3872
1,1-Dichloroethene	mg/kg	0.0500	0.0466	93	68 - 138	3968
1,1-Dichloroethene	mg/kg	0.0500	0.0470	94	68 - 138	3981
cis-1,2-Dichloroethene	mg/l	0.0500	0.0540	108	76 - 129	3265
cis-1,2-Dichloroethene	mg/l	0.0500	0.0516	103	76 - 129	3265
cis-1,2-Dichloroethene	mg/l	0.0500	0.0560	112	76 - 129	5262
cis-1,2-Dichloroethene	mg/kg	0.0500	0.0497	99	67 - 136	3872
cis-1,2-Dichloroethene	mg/kg	0.0500	0.0497	99	67 - 136	3968
cis-1,2-Dichloroethene	mg/kg	0.0500	0.0508	102	67 - 136	3981
trans-1,2-Dichloroethene	mg/l	0.0500	0.0559	112	73 - 135	3265
trans-1,2-Dichloroethene	mg/l	0.0500	0.0536	107	73 - 135	3265
trans-1,2-Dichloroethene	mg/l	0.0500	0.0579	116	73 - 135	5262
trans-1,2-Dichloroethene	mg/kg	0.0500	0.0479	96	64 - 137	3872
trans-1,2-Dichloroethene	mg/kg	0.0500	0.0489	98	64 - 137	3968
trans-1,2-Dichloroethene	mg/kg	0.0500	0.0475	95	64 - 137	3981
1,2-Dichloropropane	mg/l	0.0500	0.0606	121	74 - 130	3265
1,2-Dichloropropane	mg/l	0.0500	0.0602	120	74 - 130	3265
1,2-Dichloropropane	mg/l	0.0500	0.0594	119	74 - 130	5262
1,2-Dichloropropane	mg/kg	0.0500	0.0514	103	75 - 128	3872
1,2-Dichloropropane	mg/kg	0.0500	0.0508	102	75 - 128	3968
1,2-Dichloropropane	mg/kg	0.0500	0.0525	105	75 - 128	3981
1,3-Dichloropropane	mg/l	0.0500	0.0554	111	79 - 129	3265
1,3-Dichloropropane	mg/l	0.0500	0.0558	112	79 - 129	3265
1,3-Dichloropropane	mg/l	0.0500	0.0551	110	79 - 129	5262
1,3-Dichloropropane	mg/kg	0.0500	0.0464	93	75 - 126	3872

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
1,3-Dichloropropane	mg/kg	0.0500	0.0466	93	75 - 126	3968
1,3-Dichloropropane	mg/kg	0.0500	0.0494	99	75 - 126	3981
2,2-Dichloropropane	mg/l	0.0500	0.0505	101	39 - 151	3265
2,2-Dichloropropane	mg/l	0.0500	0.0356	71	39 - 151	3265
2,2-Dichloropropane	mg/l	0.0500	0.0735	147	39 - 151	5262
2,2-Dichloropropane	mg/kg	0.0500	0.0457	91	57 - 139	3872
2,2-Dichloropropane	mg/kg	0.0500	0.0468	94	57 - 139	3968
2,2-Dichloropropane	mg/kg	0.0500	0.0458	92	57 - 139	3981
1,1-Dichloropropene	mg/l	0.0500	0.0542	108	80 - 129	3265
1,1-Dichloropropene	mg/l	0.0500	0.0518	104	80 - 129	3265
1,1-Dichloropropene	mg/l	0.0500	0.0595	119	80 - 129	5262
1,1-Dichloropropene	mg/kg	0.0500	0.0510	102	68 - 137	3872
1,1-Dichloropropene	mg/kg	0.0500	0.0515	103	68 - 137	3968
1,1-Dichloropropene	mg/kg	0.0500	0.0511	102	68 - 137	3981
cis-1,3-Dichloropropene	mg/l	0.0500	0.0487	97	59 - 136	3265
cis-1,3-Dichloropropene	mg/l	0.0500	0.0451	90	59 - 136	3265
cis-1,3-Dichloropropene	mg/l	0.0500	0.0545	109	59 - 136	5262
cis-1,3-Dichloropropene	mg/kg	0.0500	0.0476	95	75 - 128	3872
cis-1,3-Dichloropropene	mg/kg	0.0500	0.0483	97	75 - 128	3968
cis-1,3-Dichloropropene	mg/kg	0.0500	0.0486	97	75 - 128	3981
trans-1,3-Dichloropropene	mg/l	0.0500	0.0448	90	59 - 135	3265
trans-1,3-Dichloropropene	mg/l	0.0500	0.0424	85	59 - 135	3265
trans-1,3-Dichloropropene	mg/l	0.0500	0.0529	106	59 - 135	5262
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0450	90	64 - 130	3872
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0463	93	64 - 130	3968
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0470	94	64 - 130	3981
Ethylbenzene	mg/l	0.0500	0.0570	114	78 - 126	3265
Ethylbenzene	mg/l	0.0500	0.0553	111	78 - 126	3265
Ethylbenzene	mg/l	0.0500	0.0587	117	78 - 126	5262
Ethylbenzene	mg/kg	0.0500	0.0494	99	72 - 125	3872
Ethylbenzene	mg/kg	0.0500	0.0516	103	72 - 125	3968

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Ethylbenzene	mg/kg	0.0500	0.0494	99	72 - 125	3981
Hexachlorobutadiene	mg/l	0.0500	0.0548	110	60 - 142	3265
Hexachlorobutadiene	mg/l	0.0500	0.0493	99	60 - 142	3265
Hexachlorobutadiene	mg/l	0.0500	0.0620	124	60 - 142	5262
Methylene chloride	mg/l	0.0500	0.0500	100	68 - 132	3265
Methylene chloride	mg/l	0.0500	0.0482	96	68 - 132	3265
Methylene chloride	mg/l	0.0500	0.0546	109	68 - 132	5262
Methylene chloride	mg/kg	0.0500	0.0488	98	57 - 137	3872
Methylene chloride	mg/kg	0.0500	0.0481	96	57 - 137	3968
Methylene chloride	mg/kg	0.0500	0.0499	100	57 - 137	3981
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0564	113	75 - 131	3265
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0561	112	75 - 131	3265
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0577	115	75 - 131	5262
1,1,1,2-Tetrachloroethane	mg/kg	0.0500	0.0494	99	75 - 126	3872
1,1,1,2-Tetrachloroethane	mg/kg	0.0500	0.0491	98	75 - 126	3968
1,1,1,2-Tetrachloroethane	mg/kg	0.0500	0.0499	100	75 - 126	3981
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0536	107	62 - 142	3265
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0516	103	62 - 142	3265
1,1,2,2-Tetrachloroethane	mg/l	0.0500	0.0604	121	62 - 142	5262
1,1,2,2-Tetrachloroethane	mg/kg	0.0500	0.0443	89	67 - 132	3872
1,1,2,2-Tetrachloroethane	mg/kg	0.0500	0.0450	90	67 - 132	3968
1,1,2,2-Tetrachloroethane	mg/kg	0.0500	0.0504	101	67 - 132	3981
Tetrachloroethene	mg/l	0.0500	0.0514	103	77 - 129	3265
Tetrachloroethene	mg/l	0.0500	0.0498	100	77 - 129	3265
Tetrachloroethene	mg/l	0.0500	0.0549	110	77 - 129	5262
Tetrachloroethene	mg/kg	0.0500	0.0498	100	64 - 132	3872
Tetrachloroethene	mg/kg	0.0500	0.0531	106	64 - 132	3968
Tetrachloroethene	mg/kg	0.0500	0.0498	100	64 - 132	3981
Toluene	mg/l	0.0500	0.0555	111	77 - 125	3265
Toluene	mg/l	0.0500	0.0544	109	77 - 125	3265
Toluene	mg/l	0.0500	0.0556	111	77 - 125	5262

Project QC continued . . .



**PROJECT QUALITY CONTROL DATA**

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Toluene	mg/kg	0.0500	0.0506	101	74 - 123	3872
Toluene	mg/kg	0.0500	0.0517	103	74 - 123	3968
Toluene	mg/kg	0.0500	0.0510	102	74 - 123	3981
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0551	110	54 - 155	3265
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0535	107	54 - 155	3265
1,2,3-Trichlorobenzene	mg/l	0.0500	0.0558	112	54 - 155	5262
1,2,3-Trichlorobenzene	mg/kg	0.0500	0.0455	91	44 - 145	3872
1,2,3-Trichlorobenzene	mg/kg	0.0500	0.0529	106	44 - 145	3968
1,2,3-Trichlorobenzene	mg/kg	0.0500	0.0466	93	44 - 145	3981
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0551	110	61 - 145	3265
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0518	104	61 - 145	3265
1,2,4-Trichlorobenzene	mg/l	0.0500	0.0643	129	61 - 145	5262
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0414	83	41 - 146	3872
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0532	106	41 - 146	3968
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0407	81	41 - 146	3981
1,1,1-Trichloroethane	mg/l	0.0500	0.0534	107	66 - 139	3265
1,1,1-Trichloroethane	mg/l	0.0500	0.0513	103	66 - 139	3265
1,1,1-Trichloroethane	mg/l	0.0500	0.0590	118	66 - 139	5262
1,1,1-Trichloroethane	mg/kg	0.0500	0.0510	102	65 - 138	3872
1,1,1-Trichloroethane	mg/kg	0.0500	0.0503	101	65 - 138	3968
1,1,1-Trichloroethane	mg/kg	0.0500	0.0518	104	65 - 138	3981
1,1,2-Trichloroethane	mg/l	0.0500	0.0548	110	77 - 132	3265
1,1,2-Trichloroethane	mg/l	0.0500	0.0555	111	77 - 132	3265
1,1,2-Trichloroethane	mg/l	0.0500	0.0524	105	77 - 132	5262
1,1,2-Trichloroethane	mg/kg	0.0500	0.0463	93	75 - 128	3872
1,1,2-Trichloroethane	mg/kg	0.0500	0.0468	94	75 - 128	3968
1,1,2-Trichloroethane	mg/kg	0.0500	0.0496	99	75 - 128	3981
Trichloroethene	mg/l	0.0500	0.0577	115	80 - 132	3265
Trichloroethene	mg/l	0.0500	0.0585	117	80 - 132	3265
Trichloroethene	mg/l	0.0500	0.0517	103	80 - 132	5262
Trichloroethene	mg/kg	0.0500	0.0532	106	72 - 131	3872

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Trichloroethene	mg/kg	0.0500	0.0539	108	72 - 131	3968
Trichloroethene	mg/kg	0.0500	0.0529	106	72 - 131	3981
1,2,3-Trichloropropane	mg/l	0.0500	0.0497	99	54 - 144	3265
1,2,3-Trichloropropane	mg/l	0.0500	0.0624	125	54 - 144	3265
1,2,3-Trichloropropane	mg/l	0.0500	0.0502	100	54 - 144	5262
1,2,3-Trichloropropane	mg/kg	0.0500	0.0413	83	62 - 133	3872
1,2,3-Trichloropropane	mg/kg	0.0500	0.0402	80	62 - 133	3968
1,2,3-Trichloropropane	mg/kg	0.0500	0.0452	90	62 - 133	3981
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0583	117	74 - 130	3265
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0556	111	74 - 130	3265
1,2,4-Trimethylbenzene	mg/l	0.0500	0.0548	110	74 - 130	5262
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0467	93	60 - 132	3872
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0510	102	60 - 132	3968
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0462	92	60 - 132	3981
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0524	105	77 - 131	3265
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0500	100	77 - 131	3265
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0548	110	77 - 131	5262
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0478	96	65 - 131	3872
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0512	102	65 - 131	3968
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0474	95	65 - 131	3981
Vinyl chloride	mg/l	0.0500	0.0539	108	69 - 139	3265
Vinyl chloride	mg/l	0.0500	0.0515	103	69 - 139	3265
Vinyl chloride	mg/l	0.0500	0.0570	114	69 - 139	5262
Vinyl chloride	mg/kg	0.0500	0.0559	112	61 - 147	3872
Vinyl chloride	mg/kg	0.0500	0.0560	112	61 - 147	3968
Vinyl chloride	mg/kg	0.0500	0.0558	112	61 - 147	3981
Xylenes (Total)	mg/l	0.150	0.165	110	78 - 127	3265
Xylenes (Total)	mg/l	0.150	0.160	107	78 - 127	3265
Xylenes (Total)	mg/l	0.150	0.170	113	78 - 127	5262
Xylenes (Total)	mg/kg	0.150	0.145	97	70 - 128	3872
Xylenes (Total)	mg/kg	0.150	0.154	103	70 - 128	3968

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

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Project Name: MAID O

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Laboratory Receipt Date: 7/20/04

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Xylenes (Total)	mg/kg	0.150	0.145	97	70 - 128	3981
Bromodichloromethane	mg/l	0.0500	0.0499	100	67 - 135	3265
Bromodichloromethane	mg/l	0.0500	0.0498	100	67 - 135	3265
Bromodichloromethane	mg/l	0.0500	0.0534	107	67 - 135	5262
Bromodichloromethane	mg/kg	0.0500	0.0500	100	66 - 134	3872
Bromodichloromethane	mg/kg	0.0500	0.0502	100	66 - 134	3968
Bromodichloromethane	mg/kg	0.0500	0.0520	104	66 - 134	3981
Trichlorofluoromethane	mg/l	0.0500	0.0532	106	64 - 143	3265
Trichlorofluoromethane	mg/l	0.0500	0.0502	100	64 - 143	3265
Trichlorofluoromethane	mg/l	0.0500	0.0552	110	64 - 143	5262
Trichlorofluoromethane	mg/kg	0.0500	0.0559	112	57 - 148	3872
Trichlorofluoromethane	mg/kg	0.0500	0.0571	114	57 - 148	3968
Trichlorofluoromethane	mg/kg	0.0500	0.0569	114	57 - 148	3981
Methyl-t-butyl ether	mg/l	0.0500	0.0520	104	68 - 134	3265
Methyl-t-butyl ether	mg/l	0.0500	0.0508	102	68 - 134	3265
Methyl-t-butyl ether	mg/l	0.0500	0.0584	117	68 - 134	5262
Methyl-t-butyl ether	mg/kg	0.0500	0.0446	89	59 - 139	3872
Methyl-t-butyl ether	mg/kg	0.0500	0.0445	89	59 - 139	3968
Methyl-t-butyl ether	mg/kg	0.0500	0.0490	98	59 - 139	3981
Diisopropyl ether	mg/l	0.0500	0.0539	108	71 - 131	3265
Diisopropyl ether	mg/l	0.0500	0.0525	105	71 - 131	3265
Diisopropyl ether	mg/l	0.0500	0.0572	114	71 - 131	5262
Diisopropyl ether	mg/kg	0.0500	0.0483	97	63 - 137	3872
Diisopropyl ether	mg/kg	0.0500	0.0478	96	63 - 137	3968
Diisopropyl ether	mg/kg	0.0500	0.0500	100	63 - 137	3981
VOA Surr 1,2-DCA-d4	% Rec			94	71 - 128	3265
VOA Surr 1,2-DCA-d4	% Rec			95	71 - 128	3265
VOA Surr 1,2-DCA-d4	% Rec			97	71 - 128	5262
VOA Surr 1,2-DCA-d4	% Rec			85	59 - 134	3872
VOA Surr 1,2-DCA-d4	% Rec			85	59 - 134	3968
VOA Surr 1,2-DCA-d4	% Rec			89	59 - 134	3981

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

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Laboratory Receipt Date: 7/20/04

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA Surr Toluene-d8	% Rec			100	77 - 119	3265
VOA Surr Toluene-d8	% Rec			100	77 - 119	3265
VOA Surr Toluene-d8	% Rec			99	77 - 119	5262
VOA Surr Toluene-d8	% Rec			97	67 - 129	3872
VOA Surr Toluene-d8	% Rec			98	67 - 129	3968
VOA Surr Toluene-d8	% Rec			96	67 - 129	3981
VOA Surr, 4-BFB	% Rec			97	79 - 123	3265
VOA Surr, 4-BFB	% Rec			99	79 - 123	3265
VOA Surr, 4-BFB	% Rec			103	79 - 123	5262
VOA Surr, 4-BFB	% Rec			98	60 - 134	3872
VOA Surr, 4-BFB	% Rec			98	60 - 134	3968
VOA Surr, 4-BFB	% Rec			99	60 - 134	3981
VOA Surr, DBFM	% Rec			97	78 - 124	3265
VOA Surr, DBFM	% Rec			96	78 - 124	3265
VOA Surr, DBFM	% Rec			102	78 - 124	5262
VOA Surr, DBFM	% Rec			97	67 - 126	3872
VOA Surr, DBFM	% Rec			95	67 - 126	3968
VOA Surr, DBFM	% Rec			96	67 - 126	3981
**METALS**						
Lead, Dissolved	mg/l	0.0500	0.0490	98	80 - 120	1589
Lead	mg/kg	100.	100.	100	80 - 120	8254

Duplicates

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

**PROJECT QUALITY CONTROL DATA**

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
<b>**UST PARAMETERS**</b>					
TPH (Gasoline Range)	< 5.00	mg/kg	5062	7/27/04	11:45
TPH (Diesel Range)	< 4.00	mg/kg	5317	7/22/04	19:05
TPH (Oil Range)	< 4.00	mg/kg	5317	7/22/04	19:05
TPH (Gasoline Range)	0.0451	mg/l	694	7/21/04	16:18
TPH (Oil Range)	< 0.100	mg/l	2824	7/23/04	10:37
TPH (Diesel Range)	< 0.100	mg/l	2824	7/23/04	10:37
surr-o-Terphenyl	30.	% Recovery	2824	7/23/04	10:37
UST surr-Trifluorotoluene	92.	% Recovery	5062	7/27/04	11:45
EPH surr-o-Terphenyl	62.	% Recovery	5317	7/22/04	19:05
BTEX/GRO Surr., a,a,a-TFT	83.	% Recovery	694	7/21/04	16:18
<b>**VOA PARAMETERS**</b>					
tert-amyl methyl ether	< 0.0010	mg/L	3265	7/22/04	15:12
tert-amyl methyl ether	< 0.0010	mg/L	3265	7/23/04	3:03
tert-amyl methyl ether	< 0.0010	mg/L	5262	7/26/04	11:49
Methyl-t-amyl ether	< 0.0005	mg/Kg	3872	7/22/04	8:48
Methyl-t-amyl ether	< 0.0005	mg/Kg	3968	7/22/04	22:04
Methyl-t-amyl ether	< 0.0005	mg/Kg	3981	7/23/04	10:25
Benzene	< 0.0005	mg/l	3265	7/22/04	15:12
Benzene	< 0.0005	mg/l	3265	7/23/04	3:03
Benzene	< 0.0005	mg/l	5262	7/26/04	11:49
Benzene	< 0.0003	mg/kg	3872	7/22/04	8:48
Benzene	< 0.0003	mg/kg	3968	7/22/04	22:04
Benzene	< 0.0003	mg/kg	3981	7/23/04	10:25
Bromochloromethane	< 0.00030	mg/l	3265	7/22/04	15:12
Bromochloromethane	< 0.00030	mg/l	3265	7/23/04	3:03
Bromochloromethane	< 0.00030	mg/l	5262	7/26/04	11:49
Bromochloromethane	< 0.00050	mg/kg	3872	7/22/04	8:48

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

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Project Name: MAID O

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Laboratory Receipt Date: 7/20/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Bromochloromethane	< 0.00050	mg/kg	3968	7/22/04	22:04
Bromochloromethane	< 0.00050	mg/kg	3981	7/23/04	10:25
Carbon tetrachloride	< 0.00040	mg/l	3265	7/22/04	15:12
Carbon tetrachloride	< 0.00040	mg/l	3265	7/23/04	3:03
Carbon tetrachloride	< 0.00040	mg/l	5262	7/26/04	11:49
Carbon tetrachloride	< 0.0006	mg/kg	3872	7/22/04	8:48
Carbon tetrachloride	< 0.0006	mg/kg	3968	7/22/04	22:04
Carbon tetrachloride	< 0.0006	mg/kg	3981	7/23/04	10:25
Chlorobenzene	< 0.00020	mg/l	3265	7/22/04	15:12
Chlorobenzene	< 0.00020	mg/l	3265	7/23/04	3:03
Chlorobenzene	< 0.00020	mg/l	5262	7/26/04	11:49
Chlorobenzene	< 0.0006	mg/kg	3872	7/22/04	8:48
Chlorobenzene	< 0.0006	mg/kg	3968	7/22/04	22:04
Chlorobenzene	< 0.0006	mg/kg	3981	7/23/04	10:25
Chloroethane	< 0.00100	mg/l	3265	7/22/04	15:12
Chloroethane	< 0.00100	mg/l	3265	7/23/04	3:03
Chloroethane	< 0.00100	mg/l	5262	7/26/04	11:49
Chloroethane	< 0.0010	mg/kg	3872	7/22/04	8:48
Chloroethane	< 0.0010	mg/kg	3968	7/22/04	22:04
Chloroethane	< 0.0010	mg/kg	3981	7/23/04	10:25
Chloroform	< 0.00080	mg/l	3265	7/22/04	15:12
Chloroform	< 0.00080	mg/l	3265	7/23/04	3:03
Chloroform	< 0.00080	mg/l	5262	7/26/04	11:49
Chloroform	< 0.0007	mg/kg	3872	7/22/04	8:48
Chloroform	< 0.0007	mg/kg	3968	7/22/04	22:04
Chloroform	< 0.0007	mg/kg	3981	7/23/04	10:25
Chloromethane	< 0.00070	mg/l	3265	7/22/04	15:12
Chloromethane	< 0.00070	mg/l	3265	7/23/04	3:03
Chloromethane	< 0.00070	mg/l	5262	7/26/04	11:49
Chloromethane	< 0.0005	mg/kg	3872	7/22/04	8:48
Chloromethane	< 0.0005	mg/kg	3968	7/22/04	22:04

Project QC continued . . .

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Chloromethane	< 0.0005	mg/kg	3981	7/23/04	10:25
2-Chlorotoluene	< 0.00040	mg/l	3265	7/22/04	15:12
2-Chlorotoluene	< 0.00040	mg/l	3265	7/23/04	3:03
2-Chlorotoluene	< 0.00040	mg/l	5262	7/26/04	11:49
2-Chlorotoluene	< 0.00060	mg/kg	3872	7/22/04	8:48
2-Chlorotoluene	< 0.00060	mg/kg	3968	7/22/04	22:04
2-Chlorotoluene	< 0.00060	mg/kg	3981	7/23/04	10:25
4-Chlorotoluene	< 0.00050	mg/l	3265	7/22/04	15:12
4-Chlorotoluene	< 0.00050	mg/l	3265	7/23/04	3:03
4-Chlorotoluene	< 0.00050	mg/l	5262	7/26/04	11:49
4-Chlorotoluene	< 0.00040	mg/kg	3872	7/22/04	8:48
4-Chlorotoluene	< 0.00040	mg/kg	3968	7/22/04	22:04
4-Chlorotoluene	< 0.00040	mg/kg	3981	7/23/04	10:25
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	3265	7/22/04	15:12
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	3265	7/23/04	3:03
1,2-Dibromo-3-chloropropane	< 0.00070	mg/l	5262	7/26/04	11:49
1,2-Dibromo-3-chloropropane	< 0.00070	mg/kg	3872	7/22/04	8:48
1,2-Dibromo-3-chloropropane	< 0.00070	mg/kg	3968	7/22/04	22:04
1,2-Dibromo-3-chloropropane	< 0.00070	mg/kg	3981	7/23/04	10:25
Dibromochloromethane	< 0.00050	mg/l	3265	7/22/04	15:12
Dibromochloromethane	< 0.00050	mg/l	3265	7/23/04	3:03
Dibromochloromethane	< 0.00050	mg/l	5262	7/26/04	11:49
Dibromochloromethane	< 0.0006	mg/kg	3872	7/22/04	8:48
Dibromochloromethane	< 0.0006	mg/kg	3968	7/22/04	22:04
Dibromochloromethane	< 0.0006	mg/kg	3981	7/23/04	10:25
1,2-Dibromoethane	< 0.00040	mg/l	3265	7/22/04	15:12
1,2-Dibromoethane	< 0.00040	mg/l	3265	7/23/04	3:03
1,2-Dibromoethane	< 0.00040	mg/l	5262	7/26/04	11:49
1,2-Dibromoethane	< 0.00060	mg/kg	3872	7/22/04	8:48
1,2-Dibromoethane	< 0.00060	mg/kg	3968	7/22/04	22:04
1,2-Dibromoethane	< 0.00060	mg/kg	3981	7/23/04	10:25

Project QC continued . . .

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2-Dichlorobenzene	< 0.00020	mg/l	3265	7/22/04	15:12
1,2-Dichlorobenzene	< 0.00020	mg/l	3265	7/23/04	3:03
1,2-Dichlorobenzene	< 0.00020	mg/l	5262	7/26/04	11:49
1,2-Dichlorobenzene	< 0.0004	mg/kg	3872	7/22/04	8:48
1,2-Dichlorobenzene	< 0.0004	mg/kg	3968	7/22/04	22:04
1,2-Dichlorobenzene	< 0.0004	mg/kg	3981	7/23/04	10:25
1,3-Dichlorobenzene	< 0.00030	mg/l	3265	7/22/04	15:12
1,3-Dichlorobenzene	< 0.00030	mg/l	3265	7/23/04	3:03
1,3-Dichlorobenzene	< 0.00030	mg/l	5262	7/26/04	11:49
1,3-Dichlorobenzene	< 0.0006	mg/kg	3872	7/22/04	8:48
1,3-Dichlorobenzene	< 0.0006	mg/kg	3968	7/22/04	22:04
1,3-Dichlorobenzene	< 0.0006	mg/kg	3981	7/23/04	10:25
1,4-Dichlorobenzene	< 0.00040	mg/l	3265	7/22/04	15:12
1,4-Dichlorobenzene	< 0.00040	mg/l	3265	7/23/04	3:03
1,4-Dichlorobenzene	< 0.00040	mg/l	5262	7/26/04	11:49
1,4-Dichlorobenzene	< 0.0005	mg/kg	3872	7/22/04	8:48
1,4-Dichlorobenzene	< 0.0005	mg/kg	3968	7/22/04	22:04
1,4-Dichlorobenzene	< 0.0005	mg/kg	3981	7/23/04	10:25
Dichlorodifluoromethane	< 0.00050	mg/l	3265	7/22/04	15:12
Dichlorodifluoromethane	< 0.00050	mg/l	3265	7/23/04	3:03
Dichlorodifluoromethane	< 0.00050	mg/l	5262	7/26/04	11:49
Dichlorodifluoromethane	< 0.0006	mg/kg	3872	7/22/04	8:48
Dichlorodifluoromethane	< 0.0006	mg/kg	3968	7/22/04	22:04
Dichlorodifluoromethane	< 0.0006	mg/kg	3981	7/23/04	10:25
1,1-Dichloroethane	< 0.00020	mg/l	3265	7/22/04	15:12
1,1-Dichloroethane	< 0.00020	mg/l	3265	7/23/04	3:03
1,1-Dichloroethane	< 0.00020	mg/l	5262	7/26/04	11:49
1,1-Dichloroethane	< 0.0008	mg/kg	3872	7/22/04	8:48
1,1-Dichloroethane	< 0.0008	mg/kg	3968	7/22/04	22:04
1,1-Dichloroethane	< 0.0008	mg/kg	3981	7/23/04	10:25
1,2-Dichloroethane	< 0.00060	mg/l	3265	7/22/04	15:12

Project QC continued . . .



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Project Name: MAID O

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,2-Dichloroethane	< 0.00060	mg/l	3265	7/23/04	3:03
1,2-Dichloroethane	< 0.00060	mg/l	5262	7/26/04	11:49
1,2-Dichloroethane	< 0.0004	mg/kg	3872	7/22/04	8:48
1,2-Dichloroethane	< 0.0004	mg/kg	3968	7/22/04	22:04
1,2-Dichloroethane	< 0.0004	mg/kg	3981	7/23/04	10:25
1,1-Dichloroethene	< 0.00060	mg/l	3265	7/22/04	15:12
1,1-Dichloroethene	< 0.00060	mg/l	3265	7/23/04	3:03
1,1-Dichloroethene	< 0.00060	mg/l	5262	7/26/04	11:49
1,1-Dichloroethene	< 0.0007	mg/kg	3872	7/22/04	8:48
1,1-Dichloroethene	< 0.0007	mg/kg	3968	7/22/04	22:04
1,1-Dichloroethene	< 0.0007	mg/kg	3981	7/23/04	10:25
cis-1,2-Dichloroethene	< 0.00060	mg/l	3265	7/22/04	15:12
cis-1,2-Dichloroethene	< 0.00060	mg/l	3265	7/23/04	3:03
cis-1,2-Dichloroethene	< 0.00060	mg/l	5262	7/26/04	11:49
cis-1,2-Dichloroethene	< 0.0004	mg/kg	3872	7/22/04	8:48
cis-1,2-Dichloroethene	< 0.0004	mg/kg	3968	7/22/04	22:04
cis-1,2-Dichloroethene	< 0.0004	mg/kg	3981	7/23/04	10:25
trans-1,2-Dichloroethene	< 0.00050	mg/l	3265	7/22/04	15:12
trans-1,2-Dichloroethene	< 0.00050	mg/l	3265	7/23/04	3:03
trans-1,2-Dichloroethene	< 0.00050	mg/l	5262	7/26/04	11:49
trans-1,2-Dichloroethene	< 0.0007	mg/kg	3872	7/22/04	8:48
trans-1,2-Dichloroethene	< 0.0007	mg/kg	3968	7/22/04	22:04
trans-1,2-Dichloroethene	< 0.0007	mg/kg	3981	7/23/04	10:25
1,2-Dichloropropane	< 0.00040	mg/l	3265	7/22/04	15:12
1,2-Dichloropropane	< 0.00040	mg/l	3265	7/23/04	3:03
1,2-Dichloropropane	< 0.00040	mg/l	5262	7/26/04	11:49
1,2-Dichloropropane	< 0.0008	mg/kg	3872	7/22/04	8:48
1,2-Dichloropropane	< 0.0008	mg/kg	3968	7/22/04	22:04
1,2-Dichloropropane	< 0.0008	mg/kg	3981	7/23/04	10:25
1,3-Dichloropropane	< 0.00040	mg/l	3265	7/22/04	15:12
1,3-Dichloropropane	< 0.00040	mg/l	3265	7/23/04	3:03

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

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Laboratory Receipt Date: 7/20/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,3-Dichloropropane	< 0.00040	mg/l	5262	7/26/04	11:49
1,3-Dichloropropane	< 0.00040	mg/kg	3872	7/22/04	8:48
1,3-Dichloropropane	< 0.00040	mg/kg	3968	7/22/04	22:04
1,3-Dichloropropane	< 0.00040	mg/kg	3981	7/23/04	10:25
2,2-Dichloropropane	< 0.00040	mg/l	3265	7/22/04	15:12
2,2-Dichloropropane	< 0.00040	mg/l	3265	7/23/04	3:03
2,2-Dichloropropane	< 0.00040	mg/l	5262	7/26/04	11:49
2,2-Dichloropropane	< 0.00070	mg/kg	3872	7/22/04	8:48
2,2-Dichloropropane	< 0.00070	mg/kg	3968	7/22/04	22:04
2,2-Dichloropropane	< 0.00070	mg/kg	3981	7/23/04	10:25
1,1-Dichloropropene	< 0.00050	mg/l	3265	7/22/04	15:12
1,1-Dichloropropene	< 0.00050	mg/l	3265	7/23/04	3:03
1,1-Dichloropropene	< 0.00050	mg/l	5262	7/26/04	11:49
1,1-Dichloropropene	< 0.00080	mg/kg	3872	7/22/04	8:48
1,1-Dichloropropene	< 0.00080	mg/kg	3968	7/22/04	22:04
1,1-Dichloropropene	< 0.00080	mg/kg	3981	7/23/04	10:25
cis-1,3-Dichloropropene	< 0.00030	mg/l	3265	7/22/04	15:12
cis-1,3-Dichloropropene	< 0.00030	mg/l	3265	7/23/04	3:03
cis-1,3-Dichloropropene	< 0.00030	mg/l	5262	7/26/04	11:49
cis-1,3-Dichloropropene	< 0.0006	mg/kg	3872	7/22/04	8:48
cis-1,3-Dichloropropene	< 0.0006	mg/kg	3968	7/22/04	22:04
cis-1,3-Dichloropropene	< 0.0006	mg/kg	3981	7/23/04	10:25
trans-1,3-Dichloropropene	< 0.00050	mg/l	3265	7/22/04	15:12
trans-1,3-Dichloropropene	< 0.00050	mg/l	3265	7/23/04	3:03
trans-1,3-Dichloropropene	< 0.00050	mg/l	5262	7/26/04	11:49
trans-1,3-Dichloropropene	< 0.0005	mg/kg	3872	7/22/04	8:48
trans-1,3-Dichloropropene	< 0.0005	mg/kg	3968	7/22/04	22:04
trans-1,3-Dichloropropene	< 0.0005	mg/kg	3981	7/23/04	10:25
Ethylbenzene	< 0.0003	mg/l	3265	7/22/04	15:12
Ethylbenzene	< 0.0003	mg/l	3265	7/23/04	3:03
Ethylbenzene	< 0.0003	mg/l	5262	7/26/04	11:49

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

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Laboratory Receipt Date: 7/20/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Ethylbenzene	< 0.0005	mg/kg	3872	7/22/04	8:48
Ethylbenzene	< 0.0005	mg/kg	3968	7/22/04	22:04
Ethylbenzene	< 0.0005	mg/kg	3981	7/23/04	10:25
Hexachlorobutadiene	< 0.00080	mg/l	3265	7/22/04	15:12
Hexachlorobutadiene	< 0.00080	mg/l	3265	7/23/04	3:03
Hexachlorobutadiene	< 0.00080	mg/l	5262	7/26/04	11:49
Methylene chloride	< 0.00240	mg/l	3265	7/22/04	15:12
Methylene chloride	< 0.00240	mg/l	3265	7/23/04	3:03
Methylene chloride	< 0.00240	mg/l	5262	7/26/04	11:49
Methylene chloride	< 0.0007	mg/kg	3872	7/22/04	8:48
Methylene chloride	< 0.0007	mg/kg	3968	7/22/04	22:04
Methylene chloride	< 0.0007	mg/kg	3981	7/23/04	10:25
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	3265	7/22/04	15:12
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	3265	7/23/04	3:03
1,1,1,2-Tetrachloroethane	< 0.00060	mg/l	5262	7/26/04	11:49
1,1,1,2-Tetrachloroethane	< 0.00060	mg/kg	3872	7/22/04	8:48
1,1,1,2-Tetrachloroethane	< 0.00060	mg/kg	3968	7/22/04	22:04
1,1,1,2-Tetrachloroethane	< 0.00060	mg/kg	3981	7/23/04	10:25
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	3265	7/22/04	15:12
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	3265	7/23/04	3:03
1,1,2,2-Tetrachloroethane	< 0.00040	mg/l	5262	7/26/04	11:49
1,1,2,2-Tetrachloroethane	< 0.0007	mg/kg	3872	7/22/04	8:48
1,1,2,2-Tetrachloroethane	< 0.0007	mg/kg	3968	7/22/04	22:04
1,1,2,2-Tetrachloroethane	< 0.0007	mg/kg	3981	7/23/04	10:25
Tetrachloroethene	< 0.00040	mg/l	3265	7/22/04	15:12
Tetrachloroethene	0.00050	mg/l	3265	7/23/04	3:03
Tetrachloroethene	< 0.00040	mg/l	5262	7/26/04	11:49
Tetrachloroethene	< 0.0005	mg/kg	3872	7/22/04	8:48
Tetrachloroethene	< 0.0005	mg/kg	3968	7/22/04	22:04
Tetrachloroethene	< 0.0005	mg/kg	3981	7/23/04	10:25
Toluene	< 0.0006	mg/l	3265	7/22/04	15:12

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

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Laboratory Receipt Date: 7/20/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Toluene	< 0.0006	mg/l	3265	7/23/04	3:03
Toluene	< 0.0006	mg/l	5262	7/26/04	11:49
Toluene	< 0.0008	mg/kg	3872	7/22/04	8:48
Toluene	< 0.0008	mg/kg	3968	7/22/04	22:04
Toluene	< 0.0008	mg/kg	3981	7/23/04	10:25
1,2,3-Trichlorobenzene	< 0.00100	mg/l	3265	7/22/04	15:12
1,2,3-Trichlorobenzene	< 0.00100	mg/l	3265	7/23/04	3:03
1,2,3-Trichlorobenzene	< 0.00100	mg/l	5262	7/26/04	11:49
1,2,3-Trichlorobenzene	< 0.00070	mg/kg	3872	7/22/04	8:48
1,2,3-Trichlorobenzene	< 0.00070	mg/kg	3968	7/22/04	22:04
1,2,3-Trichlorobenzene	< 0.00070	mg/kg	3981	7/23/04	10:25
1,2,4-Trichlorobenzene	< 0.00060	mg/l	3265	7/22/04	15:12
1,2,4-Trichlorobenzene	< 0.00060	mg/l	3265	7/23/04	3:03
1,2,4-Trichlorobenzene	< 0.00060	mg/l	5262	7/26/04	11:49
1,2,4-Trichlorobenzene	< 0.00050	mg/kg	3872	7/22/04	8:48
1,2,4-Trichlorobenzene	< 0.00050	mg/kg	3968	7/22/04	22:04
1,2,4-Trichlorobenzene	< 0.00050	mg/kg	3981	7/23/04	10:25
1,1,1-Trichloroethane	< 0.00070	mg/l	3265	7/22/04	15:12
1,1,1-Trichloroethane	< 0.00070	mg/l	3265	7/23/04	3:03
1,1,1-Trichloroethane	< 0.00070	mg/l	5262	7/26/04	11:49
1,1,1-Trichloroethane	< 0.0008	mg/kg	3872	7/22/04	8:48
1,1,1-Trichloroethane	< 0.0008	mg/kg	3968	7/22/04	22:04
1,1,1-Trichloroethane	< 0.0008	mg/kg	3981	7/23/04	10:25
1,1,2-Trichloroethane	< 0.00040	mg/l	3265	7/22/04	15:12
1,1,2-Trichloroethane	< 0.00040	mg/l	3265	7/23/04	3:03
1,1,2-Trichloroethane	< 0.00040	mg/l	5262	7/26/04	11:49
1,1,2-Trichloroethane	< 0.0005	mg/kg	3872	7/22/04	8:48
1,1,2-Trichloroethane	< 0.0005	mg/kg	3968	7/22/04	22:04
1,1,2-Trichloroethane	< 0.0005	mg/kg	3981	7/23/04	10:25
Trichloroethene	0.00070	mg/l	3265	7/22/04	15:12
Trichloroethene	0.00090	mg/l	3265	7/23/04	3:03

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

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Laboratory Receipt Date: 7/20/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Trichloroethene	< 0.00040	mg/l	5262	7/26/04	11:49
Trichloroethene	< 0.0006	mg/kg	3872	7/22/04	8:48
Trichloroethene	< 0.0006	mg/kg	3968	7/22/04	22:04
Trichloroethene	< 0.0006	mg/kg	3981	7/23/04	10:25
1,2,3-Trichloropropane	< 0.00060	mg/l	3265	7/22/04	15:12
1,2,3-Trichloropropane	< 0.00060	mg/l	3265	7/23/04	3:03
1,2,3-Trichloropropane	< 0.00060	mg/l	5262	7/26/04	11:49
1,2,3-Trichloropropane	< 0.00070	mg/kg	3872	7/22/04	8:48
1,2,3-Trichloropropane	< 0.00070	mg/kg	3968	7/22/04	22:04
1,2,3-Trichloropropane	< 0.00070	mg/kg	3981	7/23/04	10:25
1,2,4-Trimethylbenzene	< 0.0003	mg/l	3265	7/22/04	15:12
1,2,4-Trimethylbenzene	< 0.0003	mg/l	3265	7/23/04	3:03
1,2,4-Trimethylbenzene	< 0.0003	mg/l	5262	7/26/04	11:49
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	3872	7/22/04	8:48
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	3968	7/22/04	22:04
1,2,4-Trimethylbenzene	< 0.0008	mg/kg	3981	7/23/04	10:25
1,3,5-Trimethylbenzene	< 0.00100	mg/l	3265	7/22/04	15:12
1,3,5-Trimethylbenzene	< 0.00100	mg/l	3265	7/23/04	3:03
1,3,5-Trimethylbenzene	< 0.00100	mg/l	5262	7/26/04	11:49
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	3872	7/22/04	8:48
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	3968	7/22/04	22:04
1,3,5-Trimethylbenzene	< 0.00060	mg/kg	3981	7/23/04	10:25
Vinyl chloride	< 0.00050	mg/l	3265	7/22/04	15:12
Vinyl chloride	< 0.00050	mg/l	3265	7/23/04	3:03
Vinyl chloride	< 0.00050	mg/l	5262	7/26/04	11:49
Vinyl chloride	< 0.0010	mg/kg	3872	7/22/04	8:48
Vinyl chloride	< 0.0010	mg/kg	3968	7/22/04	22:04
Vinyl chloride	< 0.0010	mg/kg	3981	7/23/04	10:25
Xylenes (Total)	< 0.0009	mg/l	3265	7/22/04	15:12
Xylenes (Total)	< 0.0009	mg/l	3265	7/23/04	3:03
Xylenes (Total)	< 0.0009	mg/l	5262	7/26/04	11:49

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

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Laboratory Receipt Date: 7/20/04

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Xylenes (Total)	< 0.0013	mg/kg	3872	7/22/04	8:48
Xylenes (Total)	< 0.0013	mg/kg	3968	7/22/04	22:04
Xylenes (Total)	< 0.0013	mg/kg	3981	7/23/04	10:25
Bromodichloromethane	< 0.00030	mg/l	3265	7/22/04	15:12
Bromodichloromethane	< 0.00030	mg/l	3265	7/23/04	3:03
Bromodichloromethane	< 0.00030	mg/l	5262	7/26/04	11:49
Bromodichloromethane	< 0.0009	mg/kg	3872	7/22/04	8:48
Bromodichloromethane	< 0.0009	mg/kg	3968	7/22/04	22:04
Bromodichloromethane	< 0.0009	mg/kg	3981	7/23/04	10:25
Trichlorofluoromethane	< 0.00040	mg/l	3265	7/22/04	15:12
Trichlorofluoromethane	< 0.00040	mg/l	3265	7/23/04	3:03
Trichlorofluoromethane	< 0.00040	mg/l	5262	7/26/04	11:49
Trichlorofluoromethane	< 0.0005	mg/kg	3872	7/22/04	8:48
Trichlorofluoromethane	< 0.0005	mg/kg	3968	7/22/04	22:04
Trichlorofluoromethane	< 0.0005	mg/kg	3981	7/23/04	10:25
Methyl-t-butyl ether	< 0.0005	mg/l	3265	7/22/04	15:12
Methyl-t-butyl ether	< 0.0005	mg/l	3265	7/23/04	3:03
Methyl-t-butyl ether	< 0.0005	mg/l	5262	7/26/04	11:49
Methyl-t-butyl ether	< 0.0006	mg/kg	3872	7/22/04	8:48
Methyl-t-butyl ether	< 0.0006	mg/kg	3968	7/22/04	22:04
Methyl-t-butyl ether	< 0.0006	mg/kg	3981	7/23/04	10:25
Diisopropyl ether	< 0.00030	mg/l	3265	7/22/04	15:12
Diisopropyl ether	< 0.00030	mg/l	3265	7/23/04	3:03
Diisopropyl ether	< 0.00030	mg/l	5262	7/26/04	11:49
Diisopropyl ether	< 0.0006	mg/kg	3872	7/22/04	8:48
Diisopropyl ether	< 0.0006	mg/kg	3968	7/22/04	22:04
Diisopropyl ether	< 0.0006	mg/kg	3981	7/23/04	10:25

Project QC continued . . .

**PROJECT QUALITY CONTROL DATA**

Project Number: 248092

Project Name: MAID O

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Laboratory Receipt Date: 7/20/04

VOA Surr 1,2-DCA-d4	96.	% Rec	3265	7/22/04	15:12
VOA Surr 1,2-DCA-d4	98.	% Rec	3265	7/23/04	3:03
VOA Surr 1,2-DCA-d4	95.	% Rec	5262	7/26/04	11:49
VOA Surr 1,2-DCA-d4	97.	% Rec	3872	7/22/04	8:48
VOA Surr 1,2-DCA-d4	99.	% Rec	3968	7/22/04	22:04
VOA Surr 1,2-DCA-d4	98.	% Rec	3981	7/23/04	10:25
VOA Surr Toluene-d8	96.	% Rec	3265	7/22/04	15:12
VOA Surr Toluene-d8	97.	% Rec	3265	7/23/04	3:03
VOA Surr Toluene-d8	97.	% Rec	5262	7/26/04	11:49
VOA Surr Toluene-d8	96.	% Rec	3872	7/22/04	8:48
VOA Surr Toluene-d8	95.	% Rec	3968	7/22/04	22:04
VOA Surr Toluene-d8	96.	% Rec	3981	7/23/04	10:25
VOA Surr, 4-BFB	101.	% Rec	3265	7/22/04	15:12
VOA Surr, 4-BFB	101.	% Rec	3265	7/23/04	3:03
VOA Surr, 4-BFB	103.	% Rec	5262	7/26/04	11:49
VOA Surr, 4-BFB	100.	% Rec	3872	7/22/04	8:48
VOA Surr, 4-BFB	102.	% Rec	3968	7/22/04	22:04
VOA Surr, 4-BFB	100.	% Rec	3981	7/23/04	10:25
VOA Surr, DBFM	95.	% Rec	3265	7/22/04	15:12
VOA Surr, DBFM	96.	% Rec	3265	7/23/04	3:03
VOA Surr, DBFM	95.	% Rec	5262	7/26/04	11:49
VOA Surr, DBFM	98.	% Rec	3872	7/22/04	8:48
VOA Surr, DBFM	98.	% Rec	3968	7/22/04	22:04
VOA Surr, DBFM	100.	% Rec	3981	7/23/04	10:25
<b>**METALS**</b>					
Lead, Dissolved	< 0.0029	mg/l	1589	7/22/04	13:28
Lead	< 0.36	mg/kg	8254	7/29/04	12:50

# = Value outside Laboratory historical or method prescribed QC limits.

Nashville Division

COOLER RECEIPT FORM

BC#



Client Name : EBI

Cooler Received/Opened On: 7/17/04 Accessed By: Paul R. Buckingham II

PR  
Log-in/Personnel Signature

1. Temperature of Cooler when triaged: 2.7 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
  - a. If yes, how many, what kind and where: N/A
3. Were custody seals on containers and intact?..... NO...YES...NA
4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA
5. Were custody papers inside cooler?..... YES...NO...NA
6. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA
7. Did you sign the custody papers in the appropriate place?..... YES...NO...NA
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None
10. Did all containers arrive in good condition ( unbroken)?..... YES...NO...NA
11. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA
12. Did all container labels and tags agree with custody papers?..... YES...NO...NA
13. Were correct containers used for the analysis requested?..... YES...NO...NA
14. a. Were VOA vials received?..... YES...NO...NA
  - b. Was there any observable head space present in any VOA vial?..... NO...YES...NA
15. Was sufficient amount of sample sent in each container?..... YES...NO...NA
16. Were correct preservatives used?..... YES...NO...NA

If not, record standard ID of preservative used here \_\_\_\_\_

17. Was residual chlorine present?..... NO...YES...NA
18. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

9764 \_\_\_\_\_

Fed-Ex    UPS    Velocity    Airborne    Route    Off-street    Misc.

19. If a Non-Conformance exists, see attached or comments below:



# TestAmerica

ANALYTICAL TESTING CORPORATION

Nashville Division  
2960 Foster Creighton  
Nashville, TN 37204

Phone: 615-726-0177  
Fax: 615-726-3404

## 382985

To assist us in using the proper analytical methods,  
is this work being conducted for regulatory purposes?  
Compliance Monitoring

Client Name: EBI Consulting

Client #:

Address: 7015 3rd Ave NW

Project Name: Maido

City/State/Zip Code: Seattle, WA 98117

Project #: 24809Z

Project Manager: Bill Gibbons

Site/Location ID: 1802 E Nob Hill, Yakima State: WA

Telephone Number: 617-715-1811

Report To: Bill Gibbons, Travis Maurer

Sampler Name: (Print Name) Travis Maurer

Invoice To: Bill Gibbons, Building & Office

Sampler Signature: [Signature]

Quote #: \_\_\_\_\_ PO#: \_\_\_\_\_

TAT Standard	Date Needed: <u>July 20<sup>th</sup></u>	Fax Results: <u>Q N</u>	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix					Preservation & # of Containers					Analyze For:	QC Deliverables	REMARKS	
							SL - Sludge DW - Drinking Water	GW - Groundwater S - Soil/Solid	WW - Wastewater	Specify Other	HNO <sub>3</sub>	HCl (8) ± (6)	NaOH	H <sub>2</sub> SO <sub>4</sub> 16	Methanol 8	None				Other (Specify)
N-B-1-GW			7/15	12:30	G		GW				X	X	X	X	X	X	X	X	111176	79
N-B-1-12				12:30	C		S				X	X	X	X	X	X	X	X		77
N-B-2-GW				2:00	G		GW				X	X	X	X	X	X	X	X		80
N-B-2-12				2:00	C		S				X	X	X	X	X	X	X	X	111178	
N-B-3-GW				3:15	G		GW				X	X	X	X	X	X	X	X		81
N-B-3-12				3:15	C		S				X	X	X	X	X	X	X	X		111182
N-B-4-12				4:30	C		S				X	X	X	X	X	X	X	X		

Special Instructions:

LABORATORY COMMENTS:

Init Lab Temp:

Rec Lab Temp:

Custody Seals: Y N N/A

Bottles Supplied by Test America: Y N

Method of Shipment:

Relinquished By: Travis Maurer

Date: 7/16

Time: 2:00

Received By:

Date:

Time:

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Relinquished By:

Date:

Time:

Received By: M

Date: 7/17/04

Time: 8:00

## Sample NonConformance/COC Revision Form

Initiated by: P Buckingham Phone: 781 273 2500 NC Closed   
Client Name: EBI CONSULTAN Sample Range: Date Closed 7/20/2004  
Client Contact: SDG: rush  
Client Account: 10966 Analyst:  
Date Created: 7/17/2004 Supervisor:  
NC #: NC Type:  
Project Name: Terminal Manager: **382985**  
Project Number:  
Project Origin  
Regulatory :

Process: Analysis not able to be performed: See Comment Section Corrected By: Shannon Duncan  
Action: Corrected action not chosen Closed:  Jasmith

Process: Other NC/Process: See Comment Section Below Corrected By: Jennifer Ann Chap  
Action: Corrected action not chosen Closed:  Jasmith

Process: Metals List? Corrected By: Jennifer Ann Chap  
Action: Corrected action not chosen Closed:  Jasmith

Process: Other NC/Process: See Comment Section Below Corrected By: Jennifer Ann Chap  
Action: Corrected action not chosen Closed:  Jasmith

Process: TPH Method? Corrected By: Jennifer Ann Chap  
Action: Corrected action not chosen Closed:  Jasmith

Comments: Comment added by: P Buckingham on 7/20/2004 2:18:20 PM  
382985/111176-111182  
\*\*\*\*\*  
Comment added by: Jasmith on 7/19/2004 2:18:53 PM  
Client will now like this on a standard turn. Please schedule for the 28th of July (Wednesday).  
\*\*\*\*\*  
Comment added by: Jasmith on 7/19/2004 2:01:13 PM  
Add a 10% upcharge for a due date of Friday per John Mitchell.  
\*\*\*\*\*  
Comment added by: Jasmith on 7/19/2004 1:54:16 PM  
Client will need results by Friday the 23rd.  
\*\*\*\*\*  
Comment added by: Jasmith on 7/19/2004 1:53:14 PM  
Process Closed without Comment  
\*\*\*\*\*  
Comment added by: Jasmith on 7/19/2004 1:52:52 PM  
Client notified of the 5035 vials: Run 8260 for BTEX, Trimethylbenzenes, MTBE, chlorinated solvents, ethylene dibromide, DIPE, and TAME.

\*\*\*\*\*  
Comment added by: Jasmith on 7/19/2004 1:51:06 PM  
Just dissolved Lead for the metals list.

\*\*\*\*\*  
Comment added by: Jasmith on 7/19/2004 1:50:52 PM  
Will need NWTPH - Gx (Gas), - Dx (Diesel), -Dx (Oil).

\*\*\*\*\*  
Comment added by: Jasmith on 7/19/2004 11:00:35 AM  
Sent email to Bill.

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:54:11 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:54:03 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:53:55 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:53:46 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:52:11 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:52:04 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:51:53 AM  
Shannon Duncan

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:51:47 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:51:41 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:51:30 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Kbundy on 7/19/2004 8:51:21 AM  
Transferred to Shannon Duncan.

\*\*\*\*\*  
Comment added by: Droberts on 7/19/2004 7:55:31 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Droberts on 7/19/2004 7:55:20 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Droberts on 7/19/2004 7:55:05 AM  
Updated without Comment

\*\*\*\*\*  
Comment added by: Droberts on 7/19/2004 7:54:53 AM  
Updated without Comment

382985

\*\*\*\*\*

Comment added by: Droberts on 7/19/2004 7:54:42 AM  
Updated without Comment

\*\*\*\*\*

Comment added by: Droberts on 7/19/2004 7:54:25 AM  
transfer to J.Chapman

\*\*\*\*\*

1. The 5035 vials that I saw were full of soil. There is no way to run 5035 if that is the case for all soil vials.
2. The client note for the account on the bottle order warns to check for a specific list for organics.
3. Need metals list.
4. Determine a due date.
5. WA has a 'NW-TPH' and a 'WA VPH/EPH' or should we run 8015 as per COC.


**382985**

**APPENDIX B**  
**SOIL BORING LOGS**

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Sample#	Depth (Feet)	Moisture (H-M-L)	PID (PPM)	Soil Description
B1-4	3-4	L	0.3	GM-Olive Brown coarse gravels w/med grained sand & fines
B1-8	7-8	L	0.6	GM-Olive Brown coarse gravels w/med grained sand & fines
B1-12	11-12	L	0.4	GM-Olive Brown coarse gravels w/med grained sand & fines
B2-4	3-4	L	0.2	GM-Olive Brown coarse gravels w/med grained sand & fines
B2-8	7-8	L	0.1	GM-Olive Brown coarse gravels w/med grained sand & fines
B2-12	11-12	L	0.2	GM-Olive Brown coarse gravels w/med grained sand & fines
B3-4	3-4	L	0.3	GM-Light Brown coarse gravels w/med grained sand & fines
B3-8	7-8	L	0.4	GM-Olive Brown coarse gravels w/med grained sand & fines
B3-12	11-12	L	0.4	GM-Olive Brown coarse gravels w/med grained sand & fines
B4-4	3-4	L	0.4	GM-Olive Brown coarse gravels w/med grained sand & fines
B4-8	7-8	L	0.1	GM-Olive Brown coarse gravels w/med grained sand & fines
B4-12	11-12	L	0.3	GM-Olive Brown coarse gravels w/med grained sand & fines

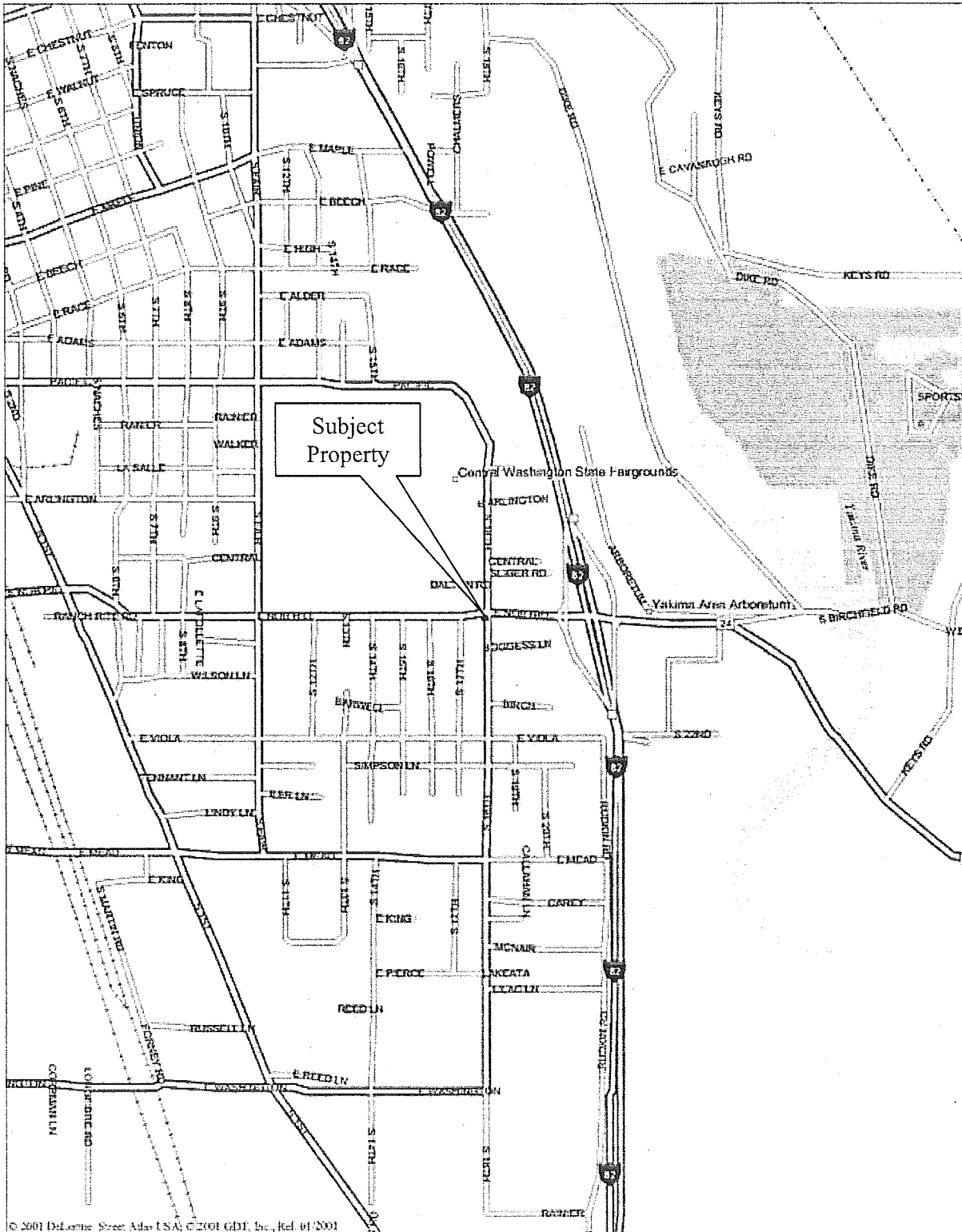
**Notes:** \*Groundwater was encountered at 13 feet bgs in all of the borings.

	Project Name/Number: Maid O/24-8092	
	Location: 1802 East Nob Hill Blvd, Yakima, WA	
Soil Boring Log Field Readings	Driller/ESN	Date: July 15, 2004
	Type: Direct Push/Geoprobe	
	EBI Scientist: Travis E. Maurer	Boring: 1 to 4

---

**FIGURES**

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© 2001 DeLorme Street Atlas USA. © 2001 GDT, Inc., Ref. 01/2001

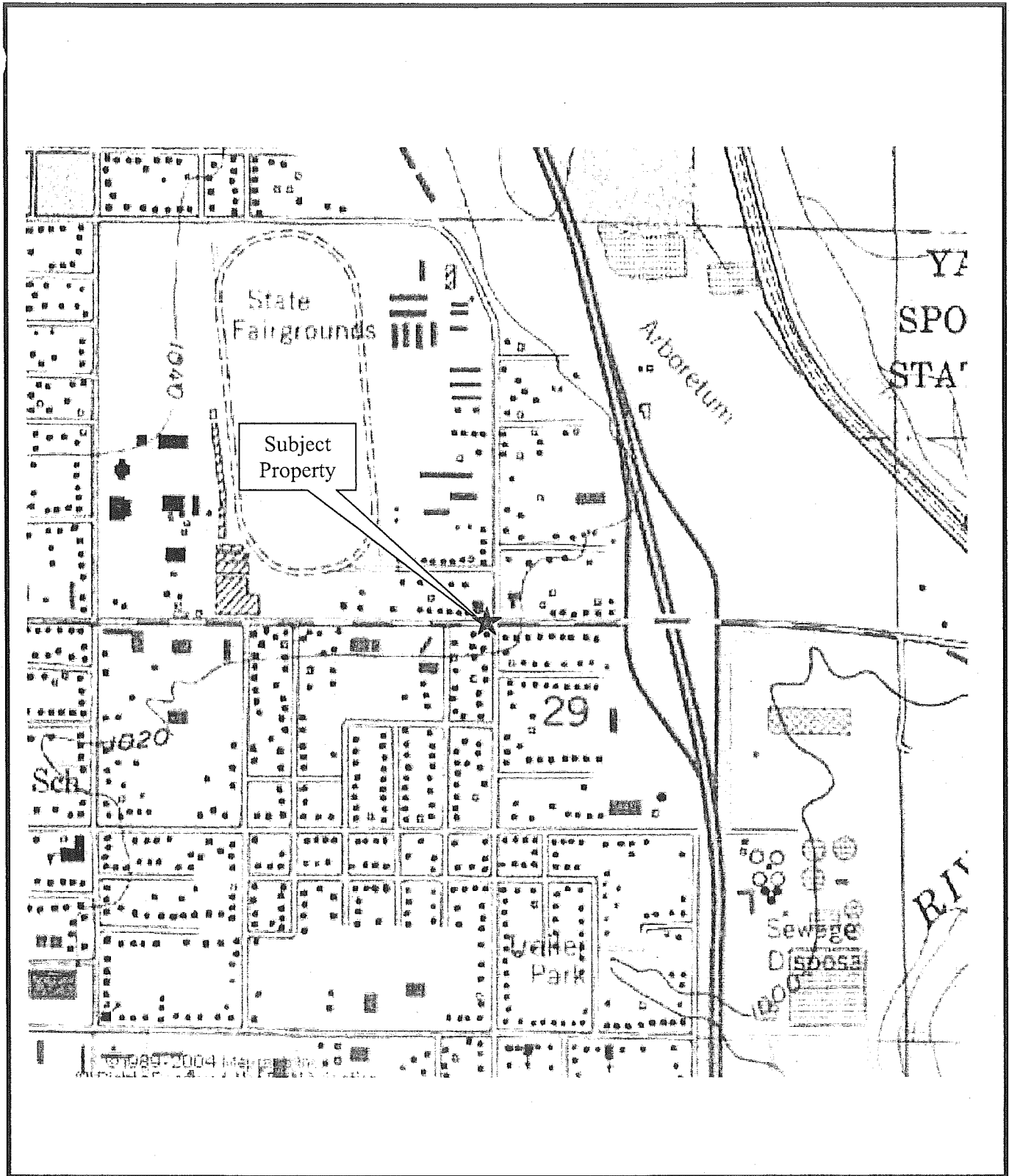


**Maid O**  
**1802 East Nob Hill Boulevard**  
**Yakima, Washington 98901**



**Figure 1: Location Map**



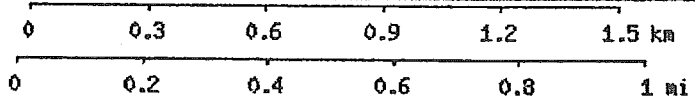
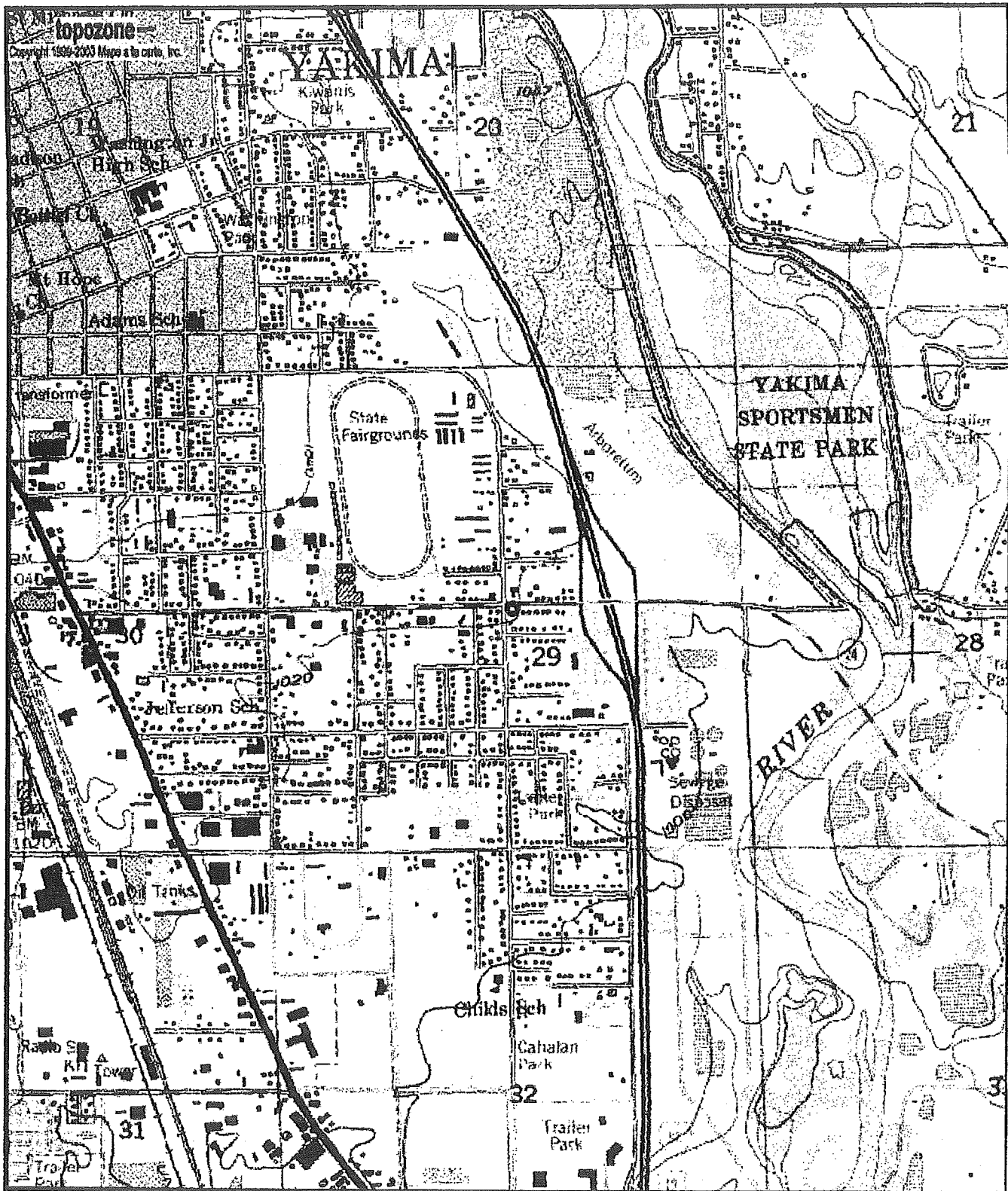


A portion of the Yakima, Washington  
USGS 7.5x15 Minute Quadrangle



Figure 2: Locus Map

**Maid O**  
1802 East Nob Hill Boulevard  
Yakima, Washington 98901



Map center is UTM 10 693276E 5162149N (WGS84/NAD83)  
 Yakima East quadrangle  
 Projection is UTM Zone 10 NAD83 Datum



M=17.496  
 G=1.834

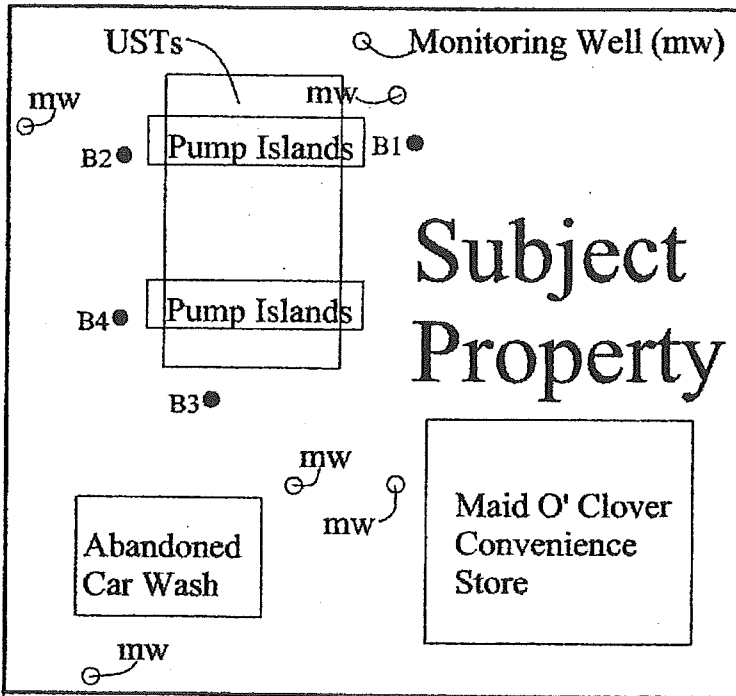
Commercial

Commercial

East Nob Hill Blvd

South 18th Street

Commercial



Subject Property

Commercial

Residential



Maid O  
1802 East Nob Hill Blvd  
Yakima, Washington

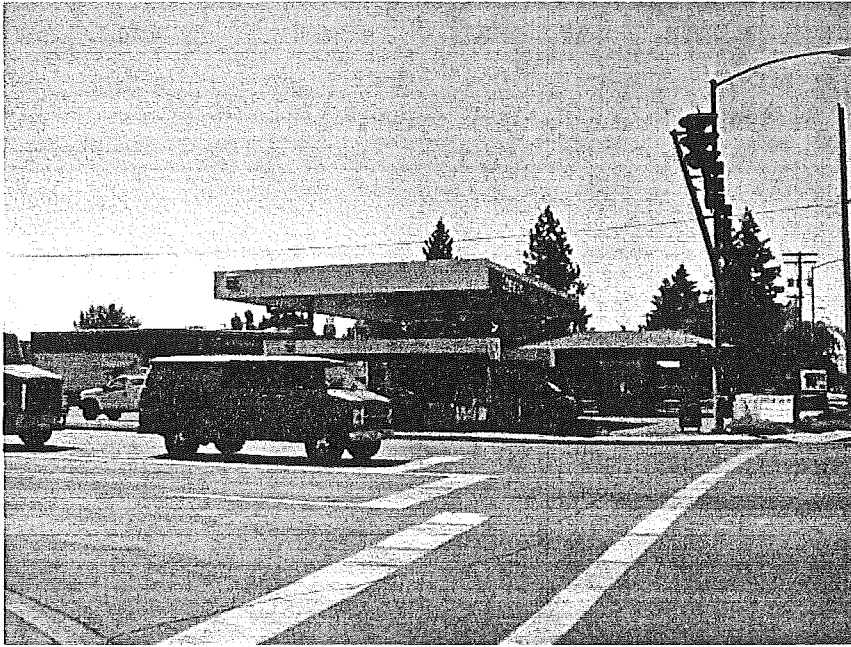


Figure 3: Site Plan

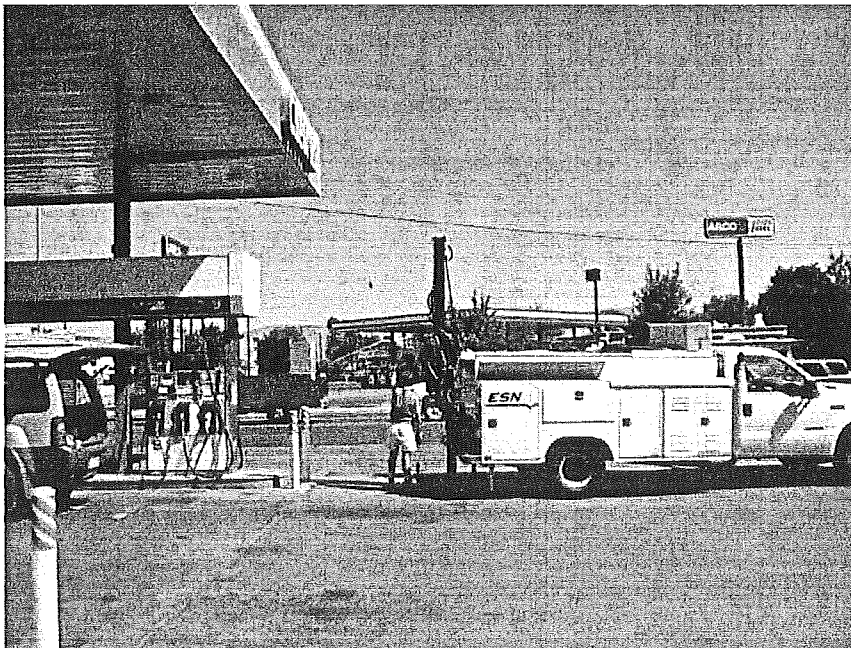
Not To Scale

**PHOTOGRAPHS**

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1. Subject Property  
viewed from East  
Nob Hill Blvd.



2. Drilling at B1.



3. Drilling at B2.



4. Drilling at B4.