



Remediation System Decommissioning
Letter Report
Barelas Bridge
800 Bridge Blvd. SW
Albuquerque, New Mexico 87102
Facility #4608001 / 29854

JOB NO. 3289JX236



**Western
Technologies
Inc.**

The Quality People
Since 1955

ALBUQUERQUE – NEW MEXICO
8305 Washington Place, N.E.
Albuquerque, New Mexico 87113-1670
(505) 823-4488 • fax 821-2963

Prepared For:

New Mexico Environment Department
Petroleum Storage Tank Bureau
District I Office
4131 Montgomery Blvd NE
Albuquerque, New Mexico 87102

June 30, 2003

David C. Wagner

David C. Wagner, C.S. #258
Environmental Scientist


Ralph E. Crockett, P.E.
Director of Geotechnical Services

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June 30, 2003

New Mexico Environment Department
Petroleum Storage Tank Bureau
District I Office
4131 Montgomery Blvd NE
Albuquerque, New Mexico 87102

Attn: Ms. Lane Andress

Re: Letter Report
Remediation System Decommissioning
Barelas Bridge
800 Bridge Blvd. SW
Albuquerque, New Mexico 87102

Job No. 3289JX236

Facility #: 4608001 / 29854;

SID #: 54:

WPID #: 1851

Introduction:

Western Technologies (WT) is pleased to present this Letter Report for the referenced site. The original tasks were detailed in a WT workplan dated March 31, 2003 and modification dated May 14, 2003. The NMED PSTB approval letter for the WT workplan dated March 31, 2003 is dated May 6, 2003. The NMED PSTB approval letter for the WT workplan modification dated May 14, 2003 is dated May 21, 2003.

Mr. Robert Pargin is the current owner of the site (See Figure 1, Confirmation Boring Location Map). The site is currently an operational fuel dispensing facility, Roadrunner Gas. The decommissioning of the Soil Vapor Extraction (SVE) remediation system began May 19, 2003. All SVE decommissioning activities took place between May 19 2003 and May 30, 2003, with the exception of the disposal of two 55-gallon drums of contaminated soil. The drum disposal took place on June 26, 2003. All dates in this Letter Report are 2003 unless otherwise noted.

All figures are presented in Appendix A. All Tables are presented in Appendix B. The confirmation boring logs are presented in Appendix C. All photos are presented in Appendix D. All laboratory analytical results are presented in Appendix E.

WT contacted New Mexico One Call to have utilities located (Confirmation #2003202280). Two private utility location services (Abasto Utility Locating and Sunbelt Geophysics) located the private site utilities that were not covered by New Mexico One Call. A WT representative accompanied the private utility location services during the location of site utilities.

WT contracted a New Mexico licensed electrician (DRB Electric) to disconnect the electrical power to the SVE system power pole on May 14th. The overhead electrical line to the power pole was disconnected and removed by the Public Service Company of New Mexico on May 16th. The power pole was transported to the WT storage yard at 8305 Washington Place NE in Albuquerque, New Mexico.



the author, and the
University of California.
Berkeley, California.

Published
by
The University
of California
Press



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The Self in Islamic Philosophy by A. A. SHAFI

The Self in Hindu and Buddhist Psychology by R. D. ERICKSON
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The Self in Christian Psychology by G. E. M. ROBERTSON
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Confirmation Borings:

A WT contractor, Enviro-Drill, Inc (EDI) advanced four confirmation borings on May 22nd using a CME-75 drilling rig (see Photo 1). Each boring was advanced to a total depth of approximately 10 feet below ground surface. The confirmation borings were drilled as close as field conditions allowed to the locations specified by the NMED PSTB project manager (See Figure 1, Confirmation Boring Location Map).

Soil samples were continuously collected from all borings using a five foot long, stainless steel core barrel. The stainless steel core barrel was decontaminated using Alconox detergent and deionized water prior to the collection of each sample. Soil samples were analyzed in the field:

- To determine the degree of contamination, by the NMED PSTB heated headspace field screening method, using a photoionization detector (as described in the Guidelines for Corrective Action: Soil and Groundwater Sampling and Disposal 1.4.1.1).
- To assess for the presence of highly contaminated soils.

Two soil samples per confirmation boring were submitted for laboratory analysis. Each sample was analyzed for volatile organic compounds (VOCs) by EPA Method 8260 Extended. The soil sample from each boring, with the highest heated headspace reading, was analyzed for lead content by EPA Method 6010. All soil samples were analyzed by Hall Environmental Analysis Laboratory, Inc. (HEAL) in Albuquerque, New Mexico.

All soils generated by the confirmation borings were stored, in two 55-gallon drums, until laboratory analytical results were received. The two 55-gallon drums were removed on June 26, 2003 by Rhino Environmental. The Rhino Environmental Non-Hazardous Waste Manifest for the two 55-gallon drums of contaminated soil is presented in Appendix F. The site was swept, all extraneous materials and debris removed, and the area was left as found, after completion of the borings.

The HEAL analytical results are presented in Table 1, Summary of Soil Sample Analytical Test Results, EPA Method 8260 for VOCs and EPA Method 6010 for lead. The EPA Method 8260 Extended analytical results indicated that soil samples CB1-10' and CB2-5' exceeded the NMED PSTB Tier 1 maximum allowable limit of 0.02 parts per million (ppm) for benzene. Laboratory analytical results indicated that soil sample CB1-10' exceeded the NMED PSTB maximum allowable limit of 0.08 ppm for MTBE. The EPA Method 6010 analytical results indicated that soil sample CB2-5' exceeded the NMED PSTB maximum allowable limit of 53.08 ppm for lead.

Monitor Well Plugging and Abandonment:

The workplan specified that monitor wells MW-1, MW-2, MW-3, MW-5, and MW-6 be plugged and abandoned. Each monitor well was located on a separate private property along La Vega Road SW (see Figure 2, Site Vicinity Map, from Groundwater Technology and dated 8/21/93). Monitor wells MW-1 and MW-3 could not be located.

The approximate location of MW-1 is indicated in Photo 2. The private well, PW-153, indicated on Figure 2 is also shown in Photo 2. The current resident of 147 La Vega would not allow WT personnel to use a shovel to search for MW-1 and asked WT personnel to leave.



WT believes that MW-3 was previously plugged and abandoned. WT located a concrete plug in the approximate location of MW-3, indicated on Figure 2 (see Photo 3). Note that the NMED Project Manager requested that monitor well MW-7 not be plugged and abandoned.

Monitor wells MW-2, MW-5, and MW-6 were pressure grouted with a 5% bentonite/95% cement grout. EDI removed the well vaults after grouting each monitor well. Each excavation was filled with Quickcrete® concrete to within two inches of the ground surface. In addition, EDI added clean gravel as needed (see Photo 4).

Note that the NMED Project Manager requested that monitor wells MW-4, MW-8, and MW-9 not be plugged and abandoned. Monitor wells PR-2 and PR-3 were pressure grouted, in place, with a 5% bentonite/95% cement grout.

Remediation System Abandonment:

The property owner, Mr. Pargin, specifically requested that all remediation system piping be pressure grouted in place. In addition, Mr. Pargin requested that all remediation system well vaults be grouted in place and capped with approximately six-inches of wire mesh reinforced 3,500 psi concrete

All small diameter Air Sparge (AS) remediation steel piping were pressure grouted in place by EDI with a 5% bentonite/95% cement grout from the Air Sparge Steel Stub-ups (see Figure Y1, Site Plan - Equipment Compound Detail). Note that the gas meter and the Therm-Ox Unit equipment were previously removed. All 2-inch AS wells (AS-1 through AS-7) were pressure grouted in place by EDI with a 5% bentonite/95% cement grout.

The larger 4-inch and 6-inch Vapor Extraction (VE) remediation PVC piping was pressure grouted in place with a 5% bentonite/95% cement grout, beginning at the Equipment Compound Vapor Line PVC Stub-Ups. A WT contractor, Sunwest Gunnite Company, pressure grouted all underground 4-inch and 6-inch VE remediation piping on May 21st. The cement grout containing approximately 6% bentonite powder was obtained from the Vulcan Corporation. The grout was fed into a Sunwest Gunnite Company pressurized grout pumping system (see Photo 5). The cement grout was pressure grouted into the 4-inch VE remediation PVC outlet at the SVE compound. Photo 6 shows the SVE manifold and the red adapter for joining the grout pumping hose to the 4-inch VE remediation PVC at the SVE compound. Note the small diameter, white, PVC, AS manifold near the ground.

Note that the VE wells (VP-2 and VP-5) and the monitor wells (MW-4 and MW-9), which were not plugged and abandoned, were connected to the VE remediation piping. The wells were connected as shown in Figure Y2, Wellhead and Piping Manifold Details - Vapor Extraction Wellhead (Typical).

WT isolated the VE wells (VP-2, VP-5 and VP-6) and the monitor wells (MW-4 and MW-9) by turning the 2-inch ball valve to the off position. WT broke open the 2-inch PVC leading from the VE piping to the ball valve when possible. The well vaults were allowed to fill with grout from the break in the 2-inch PVC piping during the VE pipeline grouting operation. The grout filled each well vault to within 12-inches below the top of casing for each well. The metal well covers of each monitor well, not scheduled for plugging and abandonment, were left in place to allow access for future ground water monitoring.

The VE remediation piping layouts for the one 6-inch PVC line and the three 4-inch PVC lines are indicated on Figure Y1, Site Plan – Simplified Piping Schematic – Vapor Extraction System). Note that Figure Y3, Trench Detail, dated 9/1/93 indicates that the area in the vicinity of AS-3, VP-3,



NMED PSTB
Barelas Bridge

AS-4, and VP-4 is the topographic low of the site. Specifically, see Figure Y3, Note: VES piping slopes from equipment compound toward wells – Minimum 1% slope. The 1% slope indicates the remediation system piping to AS-3, VP-3, AS-4, and VP-4 is a minimum of two feet below the piping elevation at the equipment compound. Note that the area in the vicinity of AS-3, VP-3, AS-4, and VP-4 is also the topographic low of the remediation system based on visual observation.

The four separate VE remediation lines were individually grouted by opening and closing the large, red handled, ball valves in sequence (see Photo 6). The 4-inch PVC line connecting VP-7, VP-6, VP-5, and VP-4 was grouted first. Then the 6-inch PVC line connecting VP-1, VP-2, and VP-3 was pressure grouted. Note that the 6-inch PVC line transitions to 4-inch PVC near MW-9 (see Figure Y1, Site Plan – Simplified Piping Schematic – Vapor Extraction System).

Next the 4-inch screened PVC line was pressure grouted. The last SVE line grouted was the 4-inch PVC line ending near the existing UST area.

Finally the SVE manifold was removed. Each of the 6-inch PVC and 4-inch PVC manifold stickups were cut as near to the ground as possible and topped off with grout and 3,500 psi concrete caps. Photo 7 shows the SVE manifold area after the removal of the manifold. Note the blue water faucet. This water faucet is active. WT notified Mr. Pargin that this water faucet is active. The fencing was replaced in front of the SVE manifold.

Note that the 2-inch ball valve on VP-6 failed during the grouting operations. The monitor well VP-6 was filled with grout. Therefore VP-6 was plugged, abandoned, and capped with a 3,500 psi concrete cap, reinforced with two layers of wire mesh.

All plugged and abandoned AS, VE, and monitor well vaults were capped with wire mesh reinforced 3,500 psi concrete. The 3,500 psi concrete was made in accordance with ASTM C 94-00, Standard Specification for Ready-Mixed Concrete. Each 3,500 psi concrete cap was poured in dry conditions at temperatures above 50 degrees Fahrenheit.

Each 3,500 psi concrete cap was reinforced with two layers of wire mesh. The 6-inch by 6-inch wire mesh is 10 gauge steel. Two layers of wire mesh were placed in each 3,500 psi concrete cap. One layer of mesh was approximately two inches from the base of the concrete cap. The second layer of mesh was approximately two inches from the top of the concrete cap. The thickness of the concrete cap varied according to site conditions but was no less than six inches thick. Two pieces of rebar were placed in a cross form in the middle of the concrete cap to add strength.

Barricades were placed over each 3,500 psi concrete cap during curing. Photo 8 shows the concrete caps for AS-7 and VP-7 during the curing process. The 3,500 psi concrete of each cap was cured for 24 hours before the barricades were removed.

The site was restored to the approximate original site conditions with the exceptions requested by the site owner. The exceptions are:

- All remediation system well vaults were grouted in place and capped with approximately six-inches of wire mesh reinforced 3,500 psi concrete,
- All remediation system piping were pressure grouted in place,
- The equipment compound fencing and cement pad were left at the site.



WT has performed our services in accordance with our contract with our Client, utilizing the ordinary degree of skill and care practiced by other firms providing similar services in the locality of the site. No other warranty or representation, either express or implied, is made.

Should you have any questions or comments, please call.

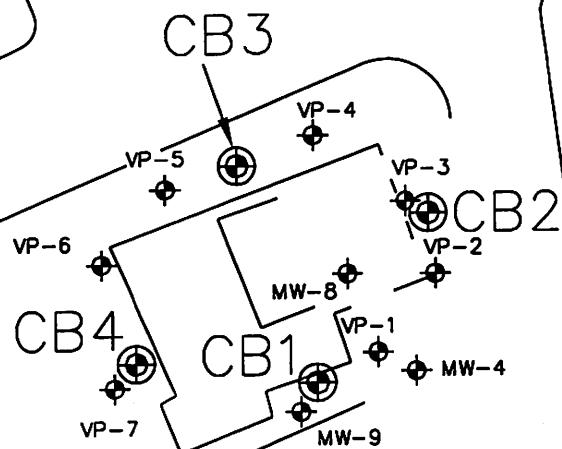
Sincerely,
WESTERN TECHNOLOGIES INC.
Environmental Services



David C. Wagner, C.S. #258
Environmental Scientist

Attachments: Appendix A: Figures
Appendix B: Tables
Appendix C: Confirmation Boring Logs
Appendix D: Photos
Appendix E: HEAL Soil Sample Analytical Reports
Appendix F: Rhino Environmental Non-Hazardous Waste Manifest





Bridge Blvd.

Form Market

VP-6

VP-7

CB3

VP-5

VP-4

VP-3

VP-2

CB2
CB1

MW-8
MW-4

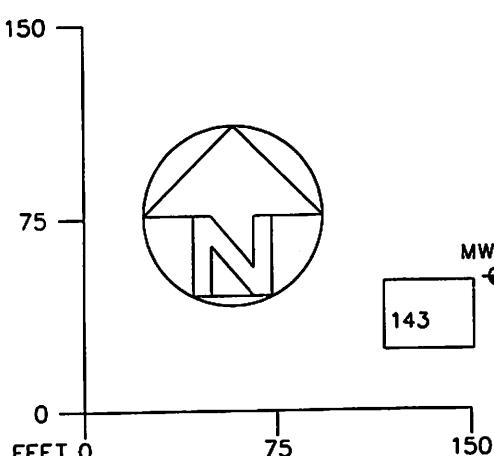
VP-1

MW-9

116
118

Riverside Dr.

LEGEND



Approximate Scale: 1" = 75'
All Locations are Approximate

VP-4

Monitor Well Number
Monitor Well Location

CB

Confirmation Boring Location

147

145

143

135

131

121

120

126

130

134

138

140

A

MW-3

152

La Vega Rd.

Barelas Bridge

USTB Facility #: 4608001/29854

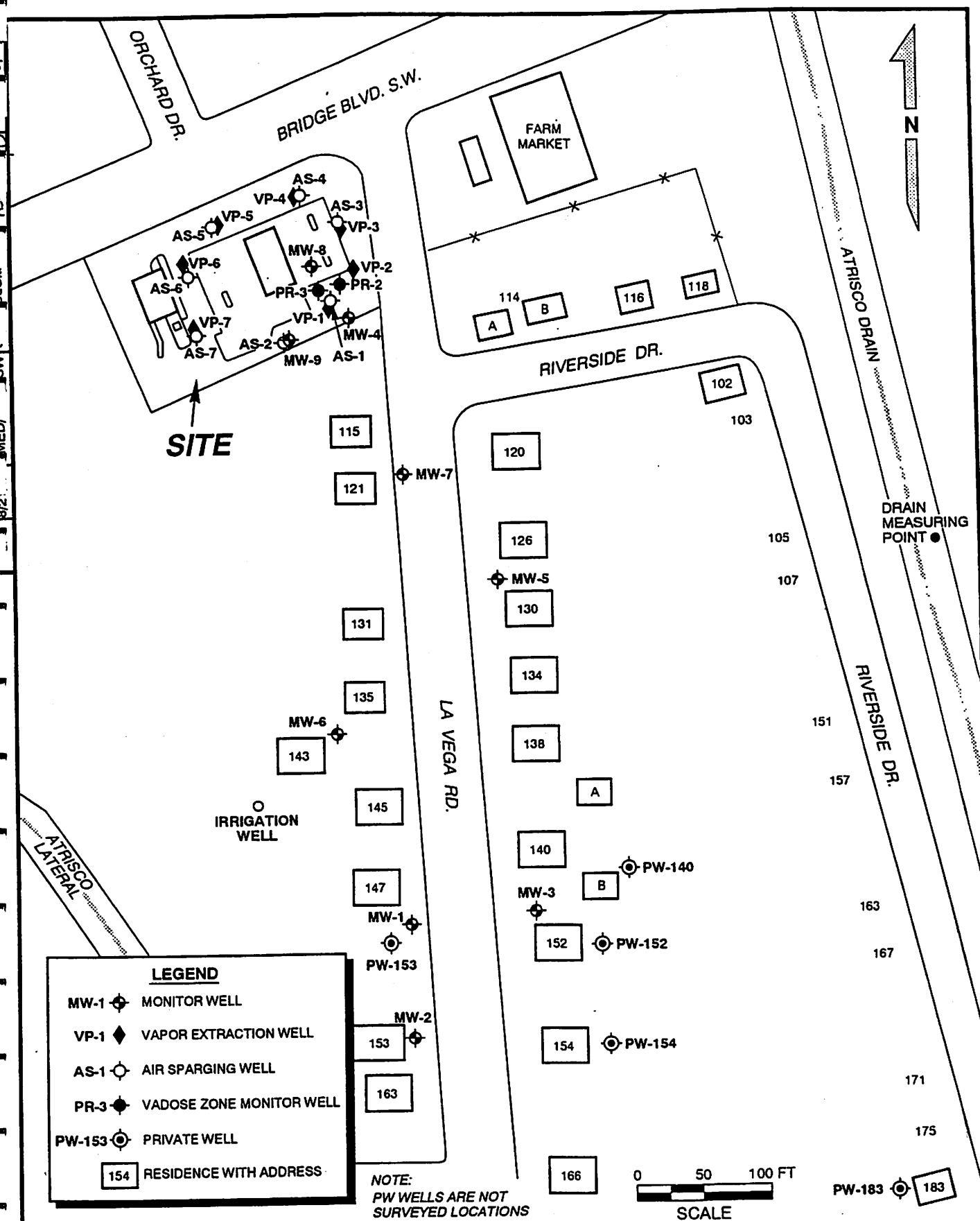
Confirmation Boring Location Map

WESTERN TECHNOLOGIES, INC.

Job No.: 3289JX236

Figure 1





NMED / 800 BRIDGE BLVD. S.W.

SITE VICINITY MAP

LOCATION: ALBUQUERQUE, NEW MEXICO

PROJECT NO.: 023352875



GROUNDWATER
TECHNOLOGY

FIGURE 2

DATE DRILLED: 05-22-2003

LOCATION: See Soil Boring Location Map

DRILL RIG TYPE: CME-75

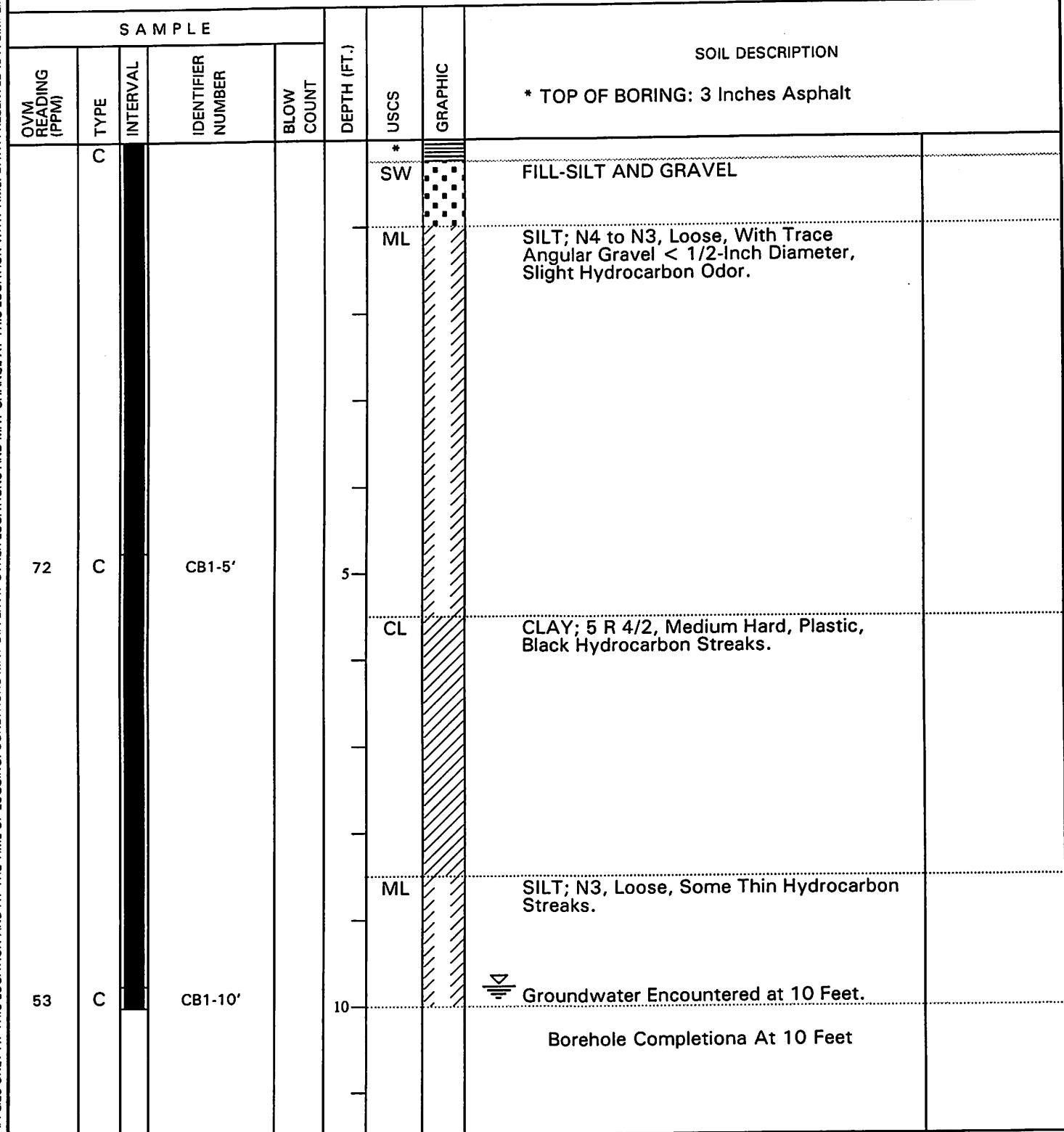
ELEVATION: Not Determined

BORING TYPE/SIZE: HSA 7" OD

FIELD GEOLOGIST: D Wagner

BORING NO. CB1

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

GROUNDWATER
ENCOUNTEREDNO: _____ YES: DEPTH: 10 Feet DATE: 05-22-2003

BARELAS BRIDGE

NOTES

Boring Log

Western Technologies Inc.

Job No.: 3289JX236

Plate: 1



THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: 05-22-2003

DRILL RIG TYPE: CME-75

BORING TYPE/SIZE: HSA 7" OD

BORING NO. CB2

LOCATION: See Soil Boring Location Map

DATE DRILLED: 05-22-2003

LOCATION: See Soil Boring Location Map

DRILL RIG TYPE: CME-75

ELEVATION: Not Determined

BORING TYPE/SIZE: HSA 7" OD

FIELD GEOLOGIST: D Wagner

BORING NO. CB3

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

SAMPLE							SOIL DESCRIPTION	
OVM READING (PPM)	TYPE	INTERVAL	IDENTIFIER NUMBER	BLOW COUNT	DEPTH (FT.)	USCS	GRAPHIC	* TOP OF BORING: 2 Inches Asphalt
	C					*	SP	SAND; 10 YR 5/4, Poorly Sorted, Very Fine Grained, Trace Subrounded Limestone Gravel < 3/4-Inch.
2090	C	CB3-5'			5	CL		CLAY; N2, With Silt, Hard, Stiff, Black With Hydrocarbon Odor.
						CL		CLAY; 5 YR 3/2, With Silt.
						SP		SAND; N4, Poorly Sorted, Loose, Medium Grained Sand With Trace Subrounded Gravel.
1175	C	CB3-10'			10		▽	Groundwater Encountered at 10 Feet. Borehole Completiona At 10 Feet

GROUNDWATER
ENCOUNTEREDNO: _____ YES: DEPTH: 10 Feet DATE: 05-22-2003

BARELAS BRIDGE

NOTES

Boring Log

Western Technologies Inc.

Job No.: 3289JX236

Plate: 3



THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: 05-22-2003

DRILL RIG TYPE: CME-75

BORING TYPE/SIZE: HSA 7" OD

BORING NO. CB4

LOCATION: See Soil Boring Location Map

ELEVATION: Not Determined

FIELD GEOLOGIST: D Wagner



CB3 Location

Photo_1.jpg



Photo_2.jpg







Photo__5.jpg



Photo__6.jpg

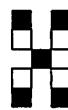


Photo_7.jpg



Photo_8.jpg





Hall Environmental Analysis Laboratory

JUN 10 2003

COVER LETTER

June 09, 2003

Dave Wagner
Western Technologies
8305 Washington Place NE
Albuquerque, NM 87113
TEL: (505) 823-4488
FAX (505) 821-2963

RE: Barelas Bridge

Order No.: 0305179

Dear Dave Wagner:

Hall Environmental Analysis Laboratory received 9 samples on 5/23/2003 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies **Client Sample ID:** CB 1-5'
Lab Order: 0305179 **Collection Date:** 5/22/2003 3:30:00 PM
Project: Barelas Bridge
Lab ID: 0305179-01 **Matrix:** MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						
Benzene	ND	0.050		mg/Kg	1	5/24/2003
Toluene	ND	0.050		mg/Kg	1	5/24/2003
Ethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	5/24/2003
Naphthalene	ND	0.10		mg/Kg	1	5/24/2003
1-Methylnaphthalene	ND	0.20		mg/Kg	1	5/24/2003
2-Methylnaphthalene	ND	0.20		mg/Kg	1	5/24/2003
Bromobenzene	ND	0.050		mg/Kg	1	5/24/2003
Bromodichloromethane	ND	0.050		mg/Kg	1	5/24/2003
Bromoform	ND	0.050		mg/Kg	1	5/24/2003
Bromomethane	ND	0.10		mg/Kg	1	5/24/2003
Carbon tetrachloride	ND	0.050		mg/Kg	1	5/24/2003
Chlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Chloroethane	ND	0.10		mg/Kg	1	5/24/2003
Chloroform	ND	0.050		mg/Kg	1	5/24/2003
Chloromethane	ND	0.050		mg/Kg	1	5/24/2003
2-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
4-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
cis-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	5/24/2003
Dibromochloromethane	ND	0.050		mg/Kg	1	5/24/2003
Dibromomethane	ND	0.10		mg/Kg	1	5/24/2003
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
2,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
Hexachlorobutadiene	ND	0.050		mg/Kg	1	5/24/2003
Isopropylbenzene	ND	0.050		mg/Kg	1	5/24/2003
4-Isopropyltoluene	ND	0.050		mg/Kg	1	5/24/2003
Methylene chloride	ND	0.15		mg/Kg	1	5/24/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies
Lab Order: 0305179
Project: Barelas Bridge
Lab ID: 0305179-01

Client Sample ID: CB 1-5'
Collection Date: 5/22/2003 3:30:00 PM

Matrix: MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
n-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
n-Propylbenzene	ND	0.050		mg/Kg	1	5/24/2003
sec-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
Styrene	ND	0.050		mg/Kg	1	5/24/2003
tert-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
Tetrachloroethylene (PCE)	ND	0.050		mg/Kg	1	5/24/2003
trans-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
Trichloroethylene (TCE)	ND	0.050		mg/Kg	1	5/24/2003
Trichlorofluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	5/24/2003
Vinyl chloride	ND	0.10		mg/Kg	1	5/24/2003
Xylenes, Total	ND	0.050		mg/Kg	1	5/24/2003
Surr: 1,2-Dichloroethane-d4	91.3	65-114		%REC	1	5/24/2003
Surr: 4-Bromofluorobenzene	99.9	74-122		%REC	1	5/24/2003
Surr: Dibromofluoromethane	85.8	65-113		%REC	1	5/24/2003
Surr: Toluene-d8	97.3	60-123		%REC	1	5/24/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies **Client Sample ID:** CB 1-10'
Lab Order: 0305179 **Collection Date:** 5/22/2003 3:40:00 PM
Project: Barelas Bridge
Lab ID: 0305179-02 **Matrix:** MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						
Benzene	0.17	0.050		mg/Kg	1	5/24/2003
Toluene	ND	0.050		mg/Kg	1	5/24/2003
Ethylbenzene	0.12	0.050		mg/Kg	1	5/24/2003
Methyl tert-butyl ether (MTBE)	0.095	0.050		mg/Kg	1	5/24/2003
1,2,4-Trimethylbenzene	0.21	0.050		mg/Kg	1	5/24/2003
1,3,5-Trimethylbenzene	0.073	0.050		mg/Kg	1	5/24/2003
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	5/24/2003
Naphthalene	ND	0.10		mg/Kg	1	5/24/2003
1-Methylnaphthalene	ND	0.20		mg/Kg	1	5/24/2003
2-Methylnaphthalene	ND	0.20		mg/Kg	1	5/24/2003
Bromobenzene	ND	0.050		mg/Kg	1	5/24/2003
Bromodichloromethane	ND	0.050		mg/Kg	1	5/24/2003
Bromoform	ND	0.050		mg/Kg	1	5/24/2003
Bromomethane	ND	0.10		mg/Kg	1	5/24/2003
Carbon tetrachloride	ND	0.050		mg/Kg	1	5/24/2003
Chlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Chloroethane	ND	0.10		mg/Kg	1	5/24/2003
Chloroform	ND	0.050		mg/Kg	1	5/24/2003
Chloromethane	ND	0.050		mg/Kg	1	5/24/2003
2-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
4-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
cis-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	5/24/2003
Dibromochloromethane	ND	0.050		mg/Kg	1	5/24/2003
Dibromomethane	ND	0.10		mg/Kg	1	5/24/2003
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
2,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
Hexachlorobutadiene	ND	0.050		mg/Kg	1	5/24/2003
Isopropylbenzene	ND	0.050		mg/Kg	1	5/24/2003
4-Isopropyltoluene	ND	0.050		mg/Kg	1	5/24/2003
Methylene chloride	ND	0.15		mg/Kg	1	5/24/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies **Client Sample ID:** CB 1-10'
Lab Order: 0305179 **Collection Date:** 5/22/2003 3:40:00 PM
Project: Barelas Bridge
Lab ID: 0305179-02 **Matrix:** MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
n-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
n-Propylbenzene	ND	0.050		mg/Kg	1	5/24/2003
sec-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
Styrene	ND	0.050		mg/Kg	1	5/24/2003
tert-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	5/24/2003
trans-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	5/24/2003
Trichlorofluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	5/24/2003
Vinyl chloride	ND	0.10		mg/Kg	1	5/24/2003
Xylenes, Total	0.21	0.050		mg/Kg	1	5/24/2003
Surr: 1,2-Dichloroethane-d4	92.7	65-114		%REC	1	5/24/2003
Surr: 4-Bromofluorobenzene	98.2	74-122		%REC	1	5/24/2003
Surr: Dibromofluoromethane	87.3	65-113		%REC	1	5/24/2003
Surr: Toluene-d8	100	60-123		%REC	1	5/24/2003
EPA METHOD 6010C: LEAD						Analyst: IC
Lead	8.2	0.25		mg/Kg	1	5/29/2003 7:05:36 PM

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank E - Value above quantitation range
* - Value exceeds Maximum Contaminant Level

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies **Client Sample ID:** CB 2-5'
Lab Order: 0305179 **Collection Date:** 5/22/2003 4:25:00 PM
Project: Barelas Bridge
Lab ID: 0305179-03 **Matrix:** MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						
Benzene	0.22	0.050		mg/Kg	1	5/24/2003
Toluene	ND	0.050		mg/Kg	1	5/24/2003
Ethylbenzene	0.45	0.050		mg/Kg	1	5/24/2003
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	5/24/2003
Naphthalene	0.32	0.10		mg/Kg	1	5/24/2003
1-Methylnaphthalene	0.27	0.20		mg/Kg	1	5/24/2003
2-Methylnaphthalene	0.47	0.20		mg/Kg	1	5/24/2003
Bromobenzene	ND	0.050		mg/Kg	1	5/24/2003
Bromodichloromethane	ND	0.050		mg/Kg	1	5/24/2003
Bromoform	ND	0.050		mg/Kg	1	5/24/2003
Bromomethane	ND	0.10		mg/Kg	1	5/24/2003
Carbon tetrachloride	ND	0.050		mg/Kg	1	5/24/2003
Chlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Chloroethane	ND	0.10		mg/Kg	1	5/24/2003
Chloroform	ND	0.050		mg/Kg	1	5/24/2003
Chloromethane	ND	0.050		mg/Kg	1	5/24/2003
2-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
4-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
cis-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	5/24/2003
Dibromochloromethane	ND	0.050		mg/Kg	1	5/24/2003
Dibromomethane	ND	0.10		mg/Kg	1	5/24/2003
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
2,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
Hexachlorobutadiene	ND	0.050		mg/Kg	1	5/24/2003
Isopropylbenzene	ND	0.050		mg/Kg	1	5/24/2003
4-Isopropyltoluene	ND	0.050		mg/Kg	1	5/24/2003
Methylene chloride	ND	0.15		mg/Kg	1	5/24/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT:	Western Technologies	Client Sample ID:	CB 2-5'
Lab Order:	0305179	Collection Date:	5/22/2003 4:25:00 PM
Project:	Barelas Bridge		
Lab ID:	0305179-03	Matrix:	MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
n-Butylbenzene	0.089	0.050		mg/Kg	1	5/24/2003
n-Propylbenzene	0.13	0.050		mg/Kg	1	5/24/2003
sec-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
Styrene	ND	0.050		mg/Kg	1	5/24/2003
tert-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	5/24/2003
trans-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	5/24/2003
Trichlorofluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	5/24/2003
Vinyl chloride	ND	0.10		mg/Kg	1	5/24/2003
Xylenes, Total	0.087	0.050		mg/Kg	1	5/24/2003
Surr: 1,2-Dichloroethane-d4	86.7	65-114	%REC		1	5/24/2003
Surr: 4-Bromofluorobenzene	97.0	74-122	%REC		1	5/24/2003
Surr: Dibromofluoromethane	85.2	65-113	%REC		1	5/24/2003
Surr: Toluene-d8	95.6	60-123	%REC		1	5/24/2003
EPA METHOD 6010C: LEAD					Analyst: IC	
Lead	62	0.25		mg/Kg	1	5/29/2003 7:22:28 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies **Client Sample ID:** CB 2-10'
Lab Order: 0305179 **Collection Date:** 5/22/2003 4:30:00 PM
Project: Barelas Bridge
Lab ID: 0305179-04 **Matrix:** MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						
Benzene	ND	0.050		mg/Kg	1	5/29/2003
Toluene	ND	0.050		mg/Kg	1	5/29/2003
Ethylbenzene	0.071	0.050		mg/Kg	1	5/29/2003
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	5/29/2003
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	5/29/2003
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	5/29/2003
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	5/29/2003
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	5/29/2003
Naphthalene	ND	0.10		mg/Kg	1	5/29/2003
1-Methylnaphthalene	ND	0.20		mg/Kg	1	5/29/2003
2-Methylnaphthalene	ND	0.20		mg/Kg	1	5/29/2003
Bromobenzene	ND	0.050		mg/Kg	1	5/29/2003
Bromodichloromethane	ND	0.050		mg/Kg	1	5/29/2003
Bromoform	ND	0.050		mg/Kg	1	5/29/2003
Bromomethane	ND	0.10		mg/Kg	1	5/29/2003
Carbon tetrachloride	ND	0.050		mg/Kg	1	5/29/2003
Chlorobenzene	ND	0.050		mg/Kg	1	5/29/2003
Chloroethane	ND	0.10		mg/Kg	1	5/29/2003
Chloroform	ND	0.050		mg/Kg	1	5/29/2003
Chloromethane	ND	0.050		mg/Kg	1	5/29/2003
2-Chlorotoluene	ND	0.050		mg/Kg	1	5/29/2003
4-Chlorotoluene	ND	0.050		mg/Kg	1	5/29/2003
cis-1,2-DCE	ND	0.050		mg/Kg	1	5/29/2003
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/29/2003
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	5/29/2003
Dibromochloromethane	ND	0.050		mg/Kg	1	5/29/2003
Dibromomethane	ND	0.10		mg/Kg	1	5/29/2003
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	5/29/2003
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	5/29/2003
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	5/29/2003
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	5/29/2003
1,1-Dichloroethane	ND	0.050		mg/Kg	1	5/29/2003
1,1-Dichloroethene	ND	0.050		mg/Kg	1	5/29/2003
1,2-Dichloropropane	ND	0.050		mg/Kg	1	5/29/2003
1,3-Dichloropropane	ND	0.050		mg/Kg	1	5/29/2003
2,2-Dichloropropane	ND	0.050		mg/Kg	1	5/29/2003
1,1-Dichloropropene	ND	0.050		mg/Kg	1	5/29/2003
Hexachlorobutadiene	ND	0.050		mg/Kg	1	5/29/2003
Isopropylbenzene	ND	0.050		mg/Kg	1	5/29/2003
4-Isopropyltoluene	ND	0.050		mg/Kg	1	5/29/2003
Methylene chloride	ND	0.15		mg/Kg	1	5/29/2003

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies
Lab Order: 0305179
Project: Barelas Bridge
Lab ID: 0305179-04

Client Sample ID: CB 2-10'
Collection Date: 5/22/2003 4:30:00 PM
Matrix: MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
n-Butylbenzene	0.053	0.050		mg/Kg	1	5/29/2003
n-Propylbenzene	ND	0.050		mg/Kg	1	5/29/2003
sec-Butylbenzene	ND	0.050		mg/Kg	1	5/29/2003
Styrene	ND	0.050		mg/Kg	1	5/29/2003
tert-Butylbenzene	ND	0.050		mg/Kg	1	5/29/2003
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/29/2003
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/29/2003
Tetrachloroethylene (PCE)	ND	0.050		mg/Kg	1	5/29/2003
trans-1,2-DCE	ND	0.050		mg/Kg	1	5/29/2003
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/29/2003
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	5/29/2003
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	5/29/2003
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	5/29/2003
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	5/29/2003
Trichloroethylene (TCE)	ND	0.050		mg/Kg	1	5/29/2003
Trichlorofluoromethane	ND	0.050		mg/Kg	1	5/29/2003
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	5/29/2003
Vinyl chloride	ND	0.10		mg/Kg	1	5/29/2003
Xylenes, Total	0.090	0.050		mg/Kg	1	5/28/2003
Surr: 1,2-Dichloroethane-d4	94.5	65-114	%REC		1	5/29/2003
Surr: 4-Bromofluorobenzene	98.4	74-122	%REC		1	5/29/2003
Surr: Dibromofluoromethane	85.0	65-113	%REC		1	5/29/2003
Surr: Toluene-d8	96.1	60-123	%REC		1	5/29/2003

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies
Lab Order: 0305179
Project: Barelas Bridge
Lab ID: 0305179-05

Client Sample ID: CB 3-5'
Collection Date: 5/22/2003 5:20:00 PM
Matrix: MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						
Benzene	ND	0.050		mg/Kg	1	5/27/2003
Toluene	ND	0.050		mg/Kg	1	5/27/2003
Ethylbenzene	0.58	0.050		mg/Kg	1	5/27/2003
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	5/27/2003
1,2,4-Trimethylbenzene	0.48	0.050		mg/Kg	1	5/27/2003
1,3,5-Trimethylbenzene	0.17	0.050		mg/Kg	1	5/27/2003
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	5/27/2003
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	5/27/2003
Naphthalene	0.24	0.10		mg/Kg	1	5/27/2003
1-Methylnaphthalene	0.22	0.20		mg/Kg	1	5/27/2003
2-Methylnaphthalene	0.38	0.20		mg/Kg	1	5/27/2003
Bromobenzene	ND	0.050		mg/Kg	1	5/27/2003
Bromodichloromethane	ND	0.050		mg/Kg	1	5/27/2003
Bromoform	ND	0.050		mg/Kg	1	5/27/2003
Bromomethane	ND	0.10		mg/Kg	1	5/27/2003
Carbon tetrachloride	ND	0.050		mg/Kg	1	5/27/2003
Chlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
Chloroethane	ND	0.10		mg/Kg	1	5/27/2003
Chloroform	ND	0.050		mg/Kg	1	5/27/2003
Chloromethane	ND	0.050		mg/Kg	1	5/27/2003
2-Chlorotoluene	ND	0.050		mg/Kg	1	5/27/2003
4-Chlorotoluene	ND	0.050		mg/Kg	1	5/27/2003
cis-1,2-DCE	ND	0.050		mg/Kg	1	5/27/2003
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/27/2003
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	5/27/2003
Dibromochloromethane	ND	0.050		mg/Kg	1	5/27/2003
Dibromomethane	ND	0.10		mg/Kg	1	5/27/2003
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	5/27/2003
1,1-Dichloroethane	ND	0.050		mg/Kg	1	5/27/2003
1,1-Dichloroethene	ND	0.050		mg/Kg	1	5/27/2003
1,2-Dichloropropane	ND	0.050		mg/Kg	1	5/27/2003
1,3-Dichloropropane	ND	0.050		mg/Kg	1	5/27/2003
2,2-Dichloropropane	ND	0.050		mg/Kg	1	5/27/2003
1,1-Dichloropropene	ND	0.050		mg/Kg	1	5/27/2003
Hexachlorobutadiene	ND	0.050		mg/Kg	1	5/27/2003
Isopropylbenzene	0.096	0.050		mg/Kg	1	5/27/2003
4-Isopropyltoluene	ND	0.050		mg/Kg	1	5/27/2003
Methylene chloride	ND	0.15		mg/Kg	1	5/27/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT:	Western Technologies	Client Sample ID:	CB 3-5'
Lab Order:	0305179	Collection Date:	5/22/2003 5:20:00 PM
Project:	Barelas Bridge		
Lab ID:	0305179-05	Matrix:	MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
n-Butylbenzene	0.24	0.050		mg/Kg	1	5/27/2003
n-Propylbenzene	0.30	0.050		mg/Kg	1	5/27/2003
sec-Butylbenzene	0.068	0.050		mg/Kg	1	5/27/2003
Styrene	ND	0.050		mg/Kg	1	5/27/2003
tert-Butylbenzene	ND	0.050		mg/Kg	1	5/27/2003
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/27/2003
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/27/2003
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	5/27/2003
trans-1,2-DCE	ND	0.050		mg/Kg	1	5/27/2003
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/27/2003
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	5/27/2003
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	5/27/2003
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	5/27/2003
Trichlorofluoromethane	ND	0.050		mg/Kg	1	5/27/2003
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	5/27/2003
Vinyl chloride	ND	0.10		mg/Kg	1	5/27/2003
Xylenes, Total	0.16	0.050		mg/Kg	1	5/27/2003
Surr: 1,2-Dichloroethane-d4	80.9	65-114		%REC	1	5/27/2003
Surr: 4-Bromofluorobenzene	91.6	74-122		%REC	1	5/27/2003
Surr: Dibromofluoromethane	77.3	65-113		%REC	1	5/27/2003
Surr: Toluene-d8	87.1	60-123		%REC	1	5/27/2003
EPA METHOD 6010C: LEAD						Analyst: IC
Lead	10	0.25		mg/Kg	1	5/29/2003 7:25:08 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies **Client Sample ID:** CB 3-10'
Lab Order: 0305179 **Collection Date:** 5/22/2003 5:28:00 PM
Project: Barelas Bridge
Lab ID: 0305179-06 **Matrix:** MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						
Benzene	ND	0.050		mg/Kg	1	5/27/2003
Toluene	ND	0.050		mg/Kg	1	5/27/2003
Ethylbenzene	0.059	0.050		mg/Kg	1	5/27/2003
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	5/27/2003
1,2,4-Trimethylbenzene	0.080	0.050		mg/Kg	1	5/27/2003
1,3,5-Trimethylbenzene	0.090	0.050		mg/Kg	1	5/27/2003
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	5/27/2003
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	5/27/2003
Naphthalene	0.23	0.10		mg/Kg	1	5/27/2003
1-Methylnaphthalene	0.45	0.20		mg/Kg	1	5/27/2003
2-Methylnaphthalene	0.68	0.20		mg/Kg	1	5/27/2003
Bromobenzene	ND	0.050		mg/Kg	1	5/27/2003
Bromodichloromethane	ND	0.050		mg/Kg	1	5/27/2003
Bromoform	ND	0.050		mg/Kg	1	5/27/2003
Bromomethane	ND	0.10		mg/Kg	1	5/27/2003
Carbon tetrachloride	ND	0.050		mg/Kg	1	5/27/2003
Chlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
Chloroethane	ND	0.10		mg/Kg	1	5/27/2003
Chloroform	ND	0.050		mg/Kg	1	5/27/2003
Chloromethane	ND	0.050		mg/Kg	1	5/27/2003
2-Chlorotoluene	ND	0.050		mg/Kg	1	5/27/2003
4-Chlorotoluene	ND	0.050		mg/Kg	1	5/27/2003
cis-1,2-DCE	ND	0.050		mg/Kg	1	5/27/2003
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/27/2003
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	5/27/2003
Dibromochloromethane	ND	0.050		mg/Kg	1	5/27/2003
Dibromomethane	ND	0.10		mg/Kg	1	5/27/2003
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	5/27/2003
1,1-Dichloroethane	ND	0.050		mg/Kg	1	5/27/2003
1,1-Dichloroethene	ND	0.050		mg/Kg	1	5/27/2003
1,2-Dichloropropane	ND	0.050		mg/Kg	1	5/27/2003
1,3-Dichloropropane	ND	0.050		mg/Kg	1	5/27/2003
2,2-Dichloropropane	ND	0.050		mg/Kg	1	5/27/2003
1,1-Dichloroprópene	ND	0.050		mg/Kg	1	5/27/2003
Hexachlorobutadiene	ND	0.050		mg/Kg	1	5/27/2003
Isopropylbenzene	0.054	0.050		mg/Kg	1	5/27/2003
4-Isopropyltoluene	ND	0.050		mg/Kg	1	5/27/2003
Methylene chloride	ND	0.15		mg/Kg	1	5/27/2003

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT:	Western Technologies	Client Sample ID:	CB 3-10'
Lab Order:	0305179	Collection Date:	5/22/2003 5:28:00 PM
Project:	Barelas Bridge		
Lab ID:	0305179-06	Matrix:	MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
n-Butylbenzene	0.079	0.050		mg/Kg	1	5/27/2003
n-Propylbenzene	0.13	0.050		mg/Kg	1	5/27/2003
sec-Butylbenzene	ND	0.050		mg/Kg	1	5/27/2003
Styrene	ND	0.050		mg/Kg	1	5/27/2003
tert-Butylbenzene	ND	0.050		mg/Kg	1	5/27/2003
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/27/2003
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/27/2003
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	5/27/2003
trans-1,2-DCE	ND	0.050		mg/Kg	1	5/27/2003
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/27/2003
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	5/27/2003
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	5/27/2003
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	5/27/2003
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	5/27/2003
Trichlorofluoromethane	ND	0.050		mg/Kg	1	5/27/2003
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	5/27/2003
Vinyl chloride	ND	0.10		mg/Kg	1	5/27/2003
Xylenes, Total	0.081	0.050		mg/Kg	1	5/27/2003
Surr: 1,2-Dichloroethane-d4	79.2	65-114		%REC	1	5/27/2003
Surr: 4-Bromofluorobenzene	97.2	74-122		%REC	1	5/27/2003
Surr: Dibromofluoromethane	76.4	65-113		%REC	1	5/27/2003
Surr: Toluene-d8	86.9	60-123		%REC	1	5/27/2003

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies **Client Sample ID:** CB 4-5'
Lab Order: 0305179 **Collection Date:** 5/22/2003 5:50:00 PM
Project: Barelas Bridge
Lab ID: 0305179-07 **Matrix:** MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						
Benzene	ND	0.050		mg/Kg	1	5/24/2003
Toluene	ND	0.050		mg/Kg	1	5/24/2003
Ethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	5/24/2003
Naphthalene	ND	0.10		mg/Kg	1	5/24/2003
1-Methylnaphthalene	ND	0.20		mg/Kg	1	5/24/2003
2-Methylnaphthalene	ND	0.20		mg/Kg	1	5/24/2003
Bromobenzene	ND	0.050		mg/Kg	1	5/24/2003
Bromodichloromethane	ND	0.050		mg/Kg	1	5/24/2003
Bromoform	ND	0.050		mg/Kg	1	5/24/2003
Bromomethane	ND	0.10		mg/Kg	1	5/24/2003
Carbon tetrachloride	ND	0.050		mg/Kg	1	5/24/2003
Chlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Chloroethane	ND	0.10		mg/Kg	1	5/24/2003
Chloroform	ND	0.050		mg/Kg	1	5/24/2003
Chloromethane	ND	0.050		mg/Kg	1	5/24/2003
2-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
4-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
cis-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	5/24/2003
Dibromochloromethane	ND	0.050		mg/Kg	1	5/24/2003
Dibromomethane	ND	0.10		mg/Kg	1	5/24/2003
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
2,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
Hexachlorobutadiene	ND	0.050		mg/Kg	1	5/24/2003
Isopropylbenzene	ND	0.050		mg/Kg	1	5/24/2003
4-Isopropyltoluene	ND	0.050		mg/Kg	1	5/24/2003
Methylene chloride	ND	0.15		mg/Kg	1	5/24/2003

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies **Client Sample ID:** CB 4-5'
Lab Order: 0305179 **Collection Date:** 5/22/2003 5:50:00 PM
Project: Barelas Bridge
Lab ID: 0305179-07 **Matrix:** MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
n-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
n-Propylbenzene	ND	0.050		mg/Kg	1	5/24/2003
sec-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
Styrene	ND	0.050		mg/Kg	1	5/24/2003
tert-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	5/24/2003
trans-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	5/24/2003
Trichlorofluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	5/24/2003
Vinyl chloride	ND	0.10		mg/Kg	1	5/24/2003
Xylenes, Total	ND	0.050		mg/Kg	1	5/24/2003
Surr: 1,2-Dichloroethane-d4	91.7	65-114		%REC	1	5/24/2003
Surr: 4-Bromofluorobenzene	99.0	74-122		%REC	1	5/24/2003
Surr: Dibromofluoromethane	87.6	65-113		%REC	1	5/24/2003
Surr: Toluene-d8	98.6	60-123		%REC	1	5/24/2003
EPA METHOD 6010C: LEAD						Analyst: IC
Lead	10	0.25		mg/Kg	1	5/29/2003 7:27:52 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies
Lab Order: 0305179
Project: Barelas Bridge
Lab ID: 0305179-08

Client Sample ID: CB 4-10'
Collection Date: 5/22/2003 6:05:00 PM
Matrix: MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						
Benzene	ND	0.050		mg/Kg	1	5/24/2003
Toluene	ND	0.050		mg/Kg	1	5/24/2003
Ethybenzene	ND	0.050		mg/Kg	1	5/24/2003
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	5/24/2003
Naphthalene	ND	0.10		mg/Kg	1	5/24/2003
1-Methylnaphthalene	ND	0.20		mg/Kg	1	5/24/2003
2-Methylnaphthalene	ND	0.20		mg/Kg	1	5/24/2003
Bromobenzene	ND	0.050		mg/Kg	1	5/24/2003
Bromodichloromethane	ND	0.050		mg/Kg	1	5/24/2003
Bromoform	ND	0.050		mg/Kg	1	5/24/2003
Bromomethane	ND	0.10		mg/Kg	1	5/24/2003
Carbon tetrachloride	ND	0.050		mg/Kg	1	5/24/2003
Chlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Chloroethane	ND	0.10		mg/Kg	1	5/24/2003
Chloroform	ND	0.050		mg/Kg	1	5/24/2003
Chloromethane	ND	0.050		mg/Kg	1	5/24/2003
2-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
4-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
cis-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	5/24/2003
Dibromochloromethane	ND	0.050		mg/Kg	1	5/24/2003
Dibromomethane	ND	0.10		mg/Kg	1	5/24/2003
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
2,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
Hexachlorobutadiene	ND	0.050		mg/Kg	1	5/24/2003
Isopropylbenzene	ND	0.050		mg/Kg	1	5/24/2003
4-Isopropyltoluene	ND	0.050		mg/Kg	1	5/24/2003
Methylene chloride	ND	0.15		mg/Kg	1	5/24/2003

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies
Lab Order: 0305179
Project: Barelas Bridge
Lab ID: 0305179-08

Client Sample ID: CB 4-10'
Collection Date: 5/22/2003 6:05:00 PM
Matrix: MEOH (SOIL)

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
n-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
n-Propylbenzene	ND	0.050		mg/Kg	1	5/24/2003
sec-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
Styrene	ND	0.050		mg/Kg	1	5/24/2003
tert-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	5/24/2003
trans-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	5/24/2003
Trichlorofluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	5/24/2003
Vinyl chloride	ND	0.10		mg/Kg	1	5/24/2003
Xylenes, Total	ND	0.050		mg/Kg	1	5/24/2003
Surr: 1,2-Dichloroethane-d4	89.7	65-114		%REC	1	5/24/2003
Surr: 4-Bromofluorobenzene	98.7	74-122		%REC	1	5/24/2003
Surr: Dibromofluoromethane	87.6	65-113		%REC	1	5/24/2003
Surr: Toluene-d8	96.3	60-123		%REC	1	5/24/2003

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies
Lab Order: 0305179
Project: Barelas Bridge
Lab ID: 0305179-09

Client Sample ID: Methanol Blank
Collection Date:

Matrix: MEOH BLANK

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						
Benzene	ND	0.050		mg/Kg	1	5/24/2003
Toluene	ND	0.050		mg/Kg	1	5/24/2003
Ethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	5/24/2003
Naphthalene	ND	0.10		mg/Kg	1	5/24/2003
1-Methylnaphthalene	ND	0.20		mg/Kg	1	5/24/2003
2-Methylnaphthalene	ND	0.20		mg/Kg	1	5/24/2003
Bromobenzene	ND	0.050		mg/Kg	1	5/24/2003
Bromodichloromethane	ND	0.050		mg/Kg	1	5/24/2003
Bromoform	ND	0.050		mg/Kg	1	5/24/2003
Bromomethane	ND	0.10		mg/Kg	1	5/24/2003
Carbon tetrachloride	ND	0.050		mg/Kg	1	5/24/2003
Chlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Chloroethane	ND	0.10		mg/Kg	1	5/24/2003
Chloroform	ND	0.050		mg/Kg	1	5/24/2003
Chloromethane	ND	0.050		mg/Kg	1	5/24/2003
2-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
4-Chlorotoluene	ND	0.050		mg/Kg	1	5/24/2003
cis-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	5/24/2003
Dibromochloromethane	ND	0.050		mg/Kg	1	5/24/2003
Dibromomethane	ND	0.10		mg/Kg	1	5/24/2003
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloroethene	ND	0.050		mg/Kg	1	5/24/2003
1,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,3-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
2,2-Dichloropropane	ND	0.050		mg/Kg	1	5/24/2003
1,1-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
Hexachlorobutadiene	ND	0.050		mg/Kg	1	5/24/2003
Isopropylbenzene	ND	0.050		mg/Kg	1	5/24/2003
4-Isopropyltoluene	ND	0.050		mg/Kg	1	5/24/2003
Methylene chloride	ND	0.15		mg/Kg	1	5/24/2003

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies

Client Sample ID: Methanol Blank

Lab Order: 0305179

Collection Date:

Project: Barelas Bridge

Lab ID: 0305179-09

Matrix: MEOH BLANK

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
n-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
n-Propylbenzene	ND	0.050		mg/Kg	1	5/24/2003
sec-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
Styrene	ND	0.050		mg/Kg	1	5/24/2003
tert-Butylbenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/24/2003
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	5/24/2003
trans-1,2-DCE	ND	0.050		mg/Kg	1	5/24/2003
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	5/24/2003
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	5/24/2003
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	5/24/2003
Trichlorofluoromethane	ND	0.050		mg/Kg	1	5/24/2003
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	5/24/2003
Vinyl chloride	ND	0.10		mg/Kg	1	5/24/2003
Xylenes, Total	ND	0.050		mg/Kg	1	5/24/2003
Surr: 1,2-Dichloroethane-d4	87.5	65-114		%REC	1	5/24/2003
Surr: 4-Bromofluorobenzene	98.5	74-122		%REC	1	5/24/2003
Surr: Dibromofluoromethane	82.7	65-113		%REC	1	5/24/2003
Surr: Toluene-d8	96.5	60-123		%REC	1	5/24/2003

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies
Work Order: 0305179
Project: Barelas Bridge

QC SUMMARY REPORT
Method Blank

Sample ID	rb15	Batch ID:	R8370	Test Code:	SW8260B	Units:	µg/L	Analysis Date	5/23/2003	Prep Date			
Client ID:		Run ID:		VAL_030522A				SeqNo:	189648				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		ND			1.0								
Toluene		ND			1.0								
Ethylbenzene		ND			1.0								
Methyl tert-butyl ether (MTBE)		ND			1.0								
1,2,4-Trimethylbenzene		ND			1.0								
1,3,5-Trimethylbenzene		ND			1.0								
1,2-Dichloroethane (EDC)		ND			1.0								
1,2-Dibromoethane (EDB)		ND			1.0								
Naphthalene		ND			2.0								
1-Methylnaphthalene		ND			4.0								
2-Methylnaphthalene		ND			4.0								
Bromobenzene		ND			1.0								
Bromochloromethane		ND			1.0								
Bromodichloromethane		ND			1.0								
Bromoform		0.582			1.0								J
Bromomethane		ND			2.0								
Carbon Tetrachloride		ND			1.0								
Chlorobenzene		ND			1.0								
Chloroethane		ND			2.0								
Chloroform		ND			1.0								
Chloromethane		ND			1.0								
2-Chlorotoluene		ND			1.0								
4-Chlorotoluene		ND			1.0								
cis-1,2-DCE		ND			1.0								
cis-1,3-Dichloropropene		ND			1.0								
1,2-Dibromo-3-chloropropane		ND			2.0								
Dibromochloromethane		ND			1.0								

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Western Technologies
Work Order: 0305179
Project: Barelas Bridge

QC SUMMARY REPORT

Method Blank

Dibromomethane	ND	2.0	
1,2-Dichlorobenzene	ND	1.0	
1,3-Dichlorobenzene	ND	1.0	
1,4-Dichlorobenzene	ND	1.0	
Dichlorodifluoromethane	ND	1.0	
1,1-Dichloroethane	0.692	1.0	J
1,1-Dichloroethene	ND	1.0	
1,2-Dichloropropane	ND	1.0	
1,3-Dichloropropane	ND	1.0	
2,2-Dichloropropane	ND	1.0	
1,1-Dichloropropene	ND	1.0	
Hexachlorobutadiene	ND	1.0	
Isopropylbenzene	ND	1.0	
4-Isopropyltoluene	ND	1.0	
Methylene Chloride	0.698	3.0	J
n-Butylbenzene	ND	1.0	
n-Propylbenzene	ND	1.0	
sec-Butylbenzene	ND	1.0	
Styrene	ND	1.0	
tert-Butylbenzene	ND	1.0	
Tetrachloroethene (PCE)	ND	1.0	
1,1,1,2-Tetrachloroethane	ND	1.0	
1,1,2,2-Tetrachloroethane	ND	1.0	
trans-1,2-DCE	ND	1.0	
trans-1,3-Dichloropropene	ND	1.0	
Trichloroethene (TCE)	ND	1.0	
Trichlorofluoromethane	ND	1.0	
1,2,3-Trichlorobenzene	ND	1.0	
1,2,4-Trichlorobenzene	0.43	1.0	J
1,1,1-Trichloroethane	ND	1.0	
1,1,2-Trichloroethane	ND	1.0	
Vinyl chloride	ND	2.0	
1,2,3-Trichloropropane	ND	2.0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Western Technologies
Work Order: 0305179
Project: Barelas Bridge

QC SUMMARY REPORT

Method Blank

								J
Xylenes, Total	0.64	1.0						
Surr: 1,2-Dichloroethane-d4	9.638	0	10	0	96.4	74.6	123	0
Surr: 4-Bromofluorobenzene	9.748	0	10	0	97.5	85.6	117	0
Surr: Dibromofluoromethane	8.994	0	10	0	89.9	78.6	117	0
Surr: Toluene-d8	9.72	0	10	0	97.2	84.2	119	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies
Work Order: 0305179
Project: Barelas Bridge

QC SUMMARY REPORT
Method Blank

Sample ID	MB-3671	Batch ID:	3671	Test Code:	SW6010A	Units:	mg/Kg	Analysis Date	5/29/2003 6:43:13 PM	Prep Date	5/28/2003		
Client ID:		Run ID:		ICP_030529B				SeqNo:	190307				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		0.2265		0.25							J		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Western Technologies
Work Order: 0305179
Project: Barelas Bridge

QC SUMMARY REPORT
Sample Duplicate

Sample ID	0305179-07A DUP	Batch ID:	3671	Test Code:	SW6010A	Units:	mg/Kg	Analysis Date	5/29/2003 7:30:36 PM	Prep Date	5/28/2003
Client ID:	CB 4-5'			Run ID:	ICP_030529B			SeqNo:	190322		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Lead		10.71	0.25	0	0	0	0	0	10.08	6.08	30

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies
Work Order: 0305179
Project: Barelas Bridge

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID	0305179-07A MS	Batch ID:	3671	Test Code:	SW6010A	Units:	mg/Kg	Analysis Date	5/29/2003 7:36:05 PM	Prep Date	5/28/2003
Client ID:	CB 4-5'	Run ID:	ICP_030529B			SeqNo:	190324				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
Lead		34.18	0.25	25	10.08	96.4	70	130	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Date: 09-Jun-03

CLIENT: Western Technologies
Work Order: 0305179
Project: Barelas Bridge

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID	Ics3	Batch ID:	R8370	Test Code:	SW8260B	Units:	µg/L	Analysis Date	5/23/2003	Prep Date		
Client ID:				Run ID:	VAL_030522A			SeqNo:	189649			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		15.2	1.0	20	0	76.0	71.2	122	0			
Toluene		18.08	1.0	20	0	90.4	87.7	122	0			
Chlorobenzene		19.75	1.0	20	0	98.8	85.6	136	0			
1,1-Dichloroethene		17.89	1.0	20	0	89.5	70.7	117	0			
Trichloroethene (TCE)		19.62	1.0	20	0	98.1	76.9	130	0			

Sample ID	Ics	Batch ID:	R8381	Test Code:	SW8260B	Units:	µg/L	Analysis Date	5/27/2003	Prep Date		
Client ID:				Run ID:	VAL_030527A			SeqNo:	189842			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		16.96	1.0	20	0	84.8	71.2	122	0			
Toluene		18.47	1.0	20	0	92.3	87.7	122	0			
Chlorobenzene		19.28	1.0	20	0	96.4	85.6	136	0			
1,1-Dichloroethene		18.37	1.0	20	0	91.9	70.7	117	0			
Trichloroethene (TCE)		20.41	1.0	20	0	102	76.9	130	0			

Sample ID	Ics	Batch ID:	R8394	Test Code:	SW8260B	Units:	µg/L	Analysis Date	5/28/2003	Prep Date		
Client ID:				Run ID:	VAL_030528A			SeqNo:	190108			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		16.76	1.0	20	0	83.8	71.2	122	0			
Toluene		18.79	1.0	20	0	94.0	87.7	122	0			
Chlorobenzene		19.97	1.0	20	0	99.9	85.6	136	0			
1,1-Dichloroethene		17.63	1.0	20	0	88.2	70.7	117	0			
Trichloroethene (TCE)		19.04	1.0	20	0	95.2	76.9	130	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Western Technologies
Work Order: 0305179
Project: Barelas Bridge

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID	Ics2	Batch ID:	R8401	Test Code:	SW8260B	Units:	µg/L	Analysis Date	5/29/2003	Prep Date			
Client ID:				Run ID:	VAL_030529A			SeqNo:	190404				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene		16.53		1.0	20	0	82.6	71.2	122	0			
Toluene		18.82		1.0	20	0	94.1	87.7	122	0			
Chlorobenzene		20.04		1.0	20	0	100	85.6	136	0			
1,1-Dichloroethene		19.23		1.0	20	0	96.1	70.7	117	0			
Trichloroethene (TCE)		20.75		1.0	20	0	104	76.9	130	0			

Sample ID	LCS-3671	Batch ID:	3671	Test Code:	SW8010A	Units:	mg/Kg	Analysis Date	5/29/2003 6:48:00 PM	Prep Date	5/28/2003		
Client ID:				Run ID:	ICP_030529B			SeqNo:	190309				
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead		18.33		0.25	25	0.2265	72.4	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name	WTI	Date and Time Receive	5/23/03
Work Order Number	0305179	Received by	AT
Checklist completed by	<u>Dave Irwin</u>	Date	5/23/03
Matrix:	Carrier name: <u>Client drop-off</u>		
Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Water - VOA vials have zero headspace?	No VOA vials submitted <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Container/Temp Blank temperature?	10°	4° C ± 2 Acceptable	

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

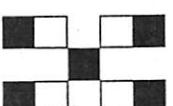
Corrective Action _____

CHAIN-OF-CUSTODY RECORD

Accreditation Applied:
 NELAC USACE

Client: **\N\ESTEEN TECHNOLOGIES**

Other: _____
 Project Name: **13 AREAS RAINBOW**



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 4901 Hawkins NE, Suite D
 Albuquerque, New Mexico 87109
 Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative			HEAL No.	Remarks:
					HgCl ₂	HNO ₃	MET		
5/22/03	15:30	Soil	CB1-5'	2 - 20mL 1 - 40z	X			03051PL1	BTEX + MTBE + TMB's (8021)
5/22/03	15:40	Sand	CB1-10'	2 - 20mL 1 - 40z	X			-2	BTEX + MTBE + TPH (Gasoline Only)
5/22/03	16:25	Soil	CB2 - 5'	2 - 20mL 1 - 40z		X		-3	TPH Method 8015B MOD (Gas/Diesel)
5/22/03	16:30	Soil	CB2 - 10'	2 - 20mL 1 - 40z		X		-4	TPH (Method 418.1)
5/22/03	17:20	Soil	CB3 - 5'	2 - 20mL 1 - 40z		X		-5	EDB (Method 504.1)
5/22/03	17:28	Sand	CB3 - 10'	2 - 20mL 1 - 40z		X		-6	EDC (Method 8021)
5/22/03	17:50	Soil	CB4 - 5'	2 - 20mL 1 - 40z		X		-7	8310 (PNA or PAH)
5/22/03	18:05	Sand	CB4 - 10'	2 - 20mL 1 - 40z		X		-8	RCRA 8 Metals
5/22/03			METH BLANC	1 - 20mL		X		-9	Cations (Na, K, Ca, Mg)
									Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)
									8081 Pesticides / PCB's (8082)
									8260 (VOA)
									8270 (Semi-VOA)
									6010 LEAD
									Air Bubbles or Headspace (Y or N)

Address: **8305 Washington Place**
 Phone #: **823-4488**
 Fax #: **821 2963**

Date: **5/23/03** Time: **0820** Relinquished By: (Signature) **John Wagner** Remarks: **5/23/03**
 Date: **Time:** Relinquished By: (Signature) Remarks:

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NIA	Manifest Doc. No. 0626-01	2. Page 1 of 1
3. Generator's Name and Mailing Address Robert Parigin 800 Bridge SW, Alb, NM 87102		Roadrunner Gas 800 Bridge SW Alb., NM 87102		
4. Generator's Phone ((505) 823-4488)		A. Transporter's Phone (505) 247-4646		
5. Transporter 1 Company Name Rhino, PO Box 5180, Alb, NM 87187		6. US EPA ID Number NIA	B. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number	C. Facility's Phone	
9. Designated Facility Name and Site Address Rhino / DP 1051 1.7 mts N. of NM/TX State Line Hwy 54 Otero County, NM		10. US EPA ID Number NIA	(915) 842-9911	
11. Waste Shipping Name and Description a. Petroleum Impacted Soil		12. Containers No. 2 Type Dr	13. Total Quantity .67	14. Unit Wt/Vol ycd³
b.				
c.				
d.				
D. Additional Descriptions for Materials Listed Above Non Hazardous		E. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information				
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste				
Printed/Typed Name B. J. C. Parigin		Signature B. J. C. Parigin	Month Day Year 07/01/03	
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Brian EIGS		Signature B. EIGS	Month Day Year 07/01/03	
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature	Month Day Year	
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name Steve Dyer		Signature Steve Dyer	Month Day Year 07/01/03	

ORIGINAL - RETURN TO GENERATOR