

March 30, 2004

Mr. Vernon D. Gleaves
Gleaves Swearingen Potter & Scott LLP
975 Oak Street, Suite 800
Eugene, OR 97401-3156

Re: Groundwater Monitoring Report; Coeta Barker Property;
2650 West Fifth Street; Eugene, Oregon

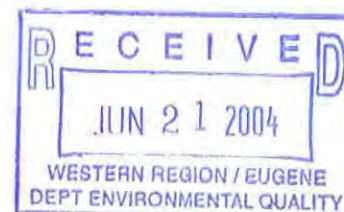
Dear Vern:

Environmental Consulting & Investigation, Inc. (ECI) is pleased to submit this groundwater monitoring report for property owned by Coeta Barker, located at 2650 West Fifth St. in Eugene, Oregon (the Barker Site). The location of the Barker Site is shown on Figure 1. Features of the Barker Site are Figure 2). This report documents groundwater monitoring of five 3/4-inch diameter groundwater monitoring wells (MW-1 through MW-5) at the Barker Site conducted on February 28, 2004. Ground water monitoring was previously performed by ECI on February 4, 2003 and documented in a March 6, 2003 report entitled "Environmental Investigation for Barker Property; 2650 West Fifth St.; Eugene, Oregon" (the 2003 Report).

DESCRIPTION OF FIELD ACTIVITIES

On February 28, 2004, ECI conducted groundwater monitoring activities for five site wells, MW-1 through MW-5, installed in February 2003. ECI also measured the groundwater depth in a previously existed well (OB-1), located in a backfilled former UST cavity south of the other five site wells. Groundwater monitoring activities were conducted in accordance with generally accepted sampling protocols as follows:

- All wells were opened, and water levels were measured to the nearest 0.01 foot using an electronic probe.
- Prior to sampling, each well was purged of at least three well volumes using a peristaltic pump with disposable tubing. During purging, temperature, pH, conductivity and turbidity of the well water were periodically monitored and recorded.



- After purging parameters had stabilized, groundwater was poured directly into laboratory-supplied containers. Each container was then tightly sealed, making sure that no air bubbles were present. Each container was then labeled and placed in cold storage for transport to the North Creek Analytical, Inc. (NCA) in Bend, Oregon under formal chain-of-custody.

RESULTS OF MONITORING

Hydrologic Conditions

Groundwater was encountered in the five project site wells at depths ranging from two feet below surface in MW-5 to about five feet in depth in MW-4. With the exception of well MW-5, groundwater elevations continue to define a groundwater flow gradient of about 0.006 feet per foot to the west (see Figure 3). Purged groundwater from all five groundwater monitoring wells was visibly clear and no odors or sheens were observed during purging or sampling.

Well MW-5, which is located adjacent to the Pointe West building on the adjacent property to the north of the Barker Site, exhibited an anomalously shallow groundwater depth. Well MW-5 is located within about 20 feet of a rain gutter downspout that drains rain water from the roof of the Pointe West building into the subsurface in a landscaped area adjacent to MW-5. The February 28, 2004 monitoring event was preceded by period of significant rainfall. It is ECI's opinion that the anomalous ground water elevation observed in MW-5 was most likely a temporary condition caused recent rainfall.

Laboratory Analytical Results

Groundwater samples from the six wells were analyzed for the following parameters with standard method turn around time on results.

USEPA 8260B Volatile Organic Compounds (VOCs)

Laboratory analyses were conducted by NCA, with standard turn around on lab results. Laboratory analytical results are summarized in Table 1 and on Figure 4. The laboratory data report and chain-of-custody record is attached.

Table 1
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Barker Property

Sample ID	Date	GW Elevation	Concentration (micrograms per liter, ug/l)										
			VC	1,1-DCE	t-1,2-DCE	c-1,2-DCE	TCE	PCE	1,1-DCA	1,2-DCA	1,1,1-TCA	1,1,2-TCA	Other
MW-1	2/03/03	95.50	<5.0	5.08	<5.0	9.05	24.3	206	<5.0	<5.0	7.80	<5.0	ND
<99.48>	2/28/04	95.17	<5.0	2.46	<5.0	4.89	12.3	126	<5.0	<5.0	3.33	<5.0	ND
MW-2	2/03/03	95.77	5.13	<5.0	1.29	41.7	885	5,040	5.21	<5.0	504	2.08	Chlor = 2.50
<99.78>	2/28/04	95.37	<5.0	238	<5.0	41.7	1,000	6,440	<5.0	<5.0	<5.0	<5.0	ND
MW-3	2/03/03	95.46	32.1	<5.0	5.86	405	822	1,450	47.6	1.02	249	3.13	ND
<99.06>	2/28/04	95.13	9.05	49.4	<5.0	158	265	510	12.0	<5.0	69.9	<5.0	ND
MW-4	2/03/03	94.62	<5.0	320	7.86	524	1,450	3,410	<5.0	1.68	460	5.38	ND
<99.44>	2/28/04	94.19	<5.0	201	<5.0	391	994	2,710	<5.0	36.2	301	<5.0	ND
MW-5	2/03/03	95.15	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
<100.08>	2/28/04	98.00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
OB-1	2/03/03	95.68	--	--	--	--	--	--	--	--	--	--	--
<100.21>	2/28/04	94.82	--	--	--	--	--	--	--	--	--	--	--

GW Elevation = Groundwater elevation, relative to arbitrary datum.

VC = Vinyl Chloride

1,1-DCE = 1,1-Dichloroethene

t-1,2-DCE = trans-1,2-Dichloroethene

c-1,2-DCE = cis-1,2-Dichloroethene

TCE = Trichloroethene

PCE = Tetrachloroethene

1,1-DCA = 1,1-Dichloroethane

1,2-DCA = 1,2-Dichloroethane

1,1,1-TCA = 1,1,1-Trichloroethane

1,1,2-TCA = 1,1,2-Trichloroethane

Other = Concentrations of 23 remaining HVOC compounds.

Chlor. = Chloroform

<99.48> = Top of casing elevation for well, relative to arbitrary datum

<5.0 = Not detected above the value expressed.

Mr. Vernon D Gleaves
Gleaves Swearingen Potter & Scott LLP
March 30, 2004
Page 4

CONCLUSIONS

Results from the February 28, 2004 monitoring event are generally similar to results from the February 2003 monitoring event. Elevated concentrations of halogenated VOCs were reported in MW-1, MW-2, MW-3, and MW-4. No non-halogenated VOCs were detected in these wells. No VOCs were detected in the sample from well MW-5. The data continues to define a groundwater halogenated VOC plume extending westward across the site from an easterly offsite source, presumably the adjacent former Great Western Chemical site. Groundwater quality beneath the adjacent north Pointe West Building appears to be unaffected by the groundwater plume, as evidenced by the continued nondetectable VOC results in well MW-5. In fact, apparent rain water recharge from the Pointe West Building roof during the rainy season may actually assist in deflecting the halogenated VOC groundwater plume southward away from the Pointe West Building.

Based on results of the February 4, 2003 and February 28, 2004 groundwater monitoring events and information presented in the 2003 Report, it is ECI's opinion that the source of the halogenated VOC groundwater plume originated east of the Barker Site, most likely at the former Great Western Chemical facility. It is ECI's opinion that ground water contamination has not adversely impacted the Pointe West building.

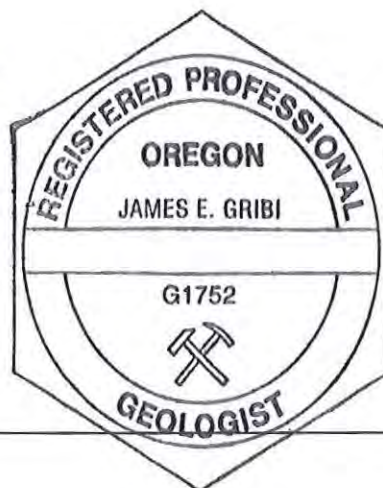
We appreciate this opportunity to provide this report for your review. Please contact us if there are questions or if additional information is required.

Sincerely,

ENVIRONMENTAL CONSULTING & INVESTIGATION, INC.

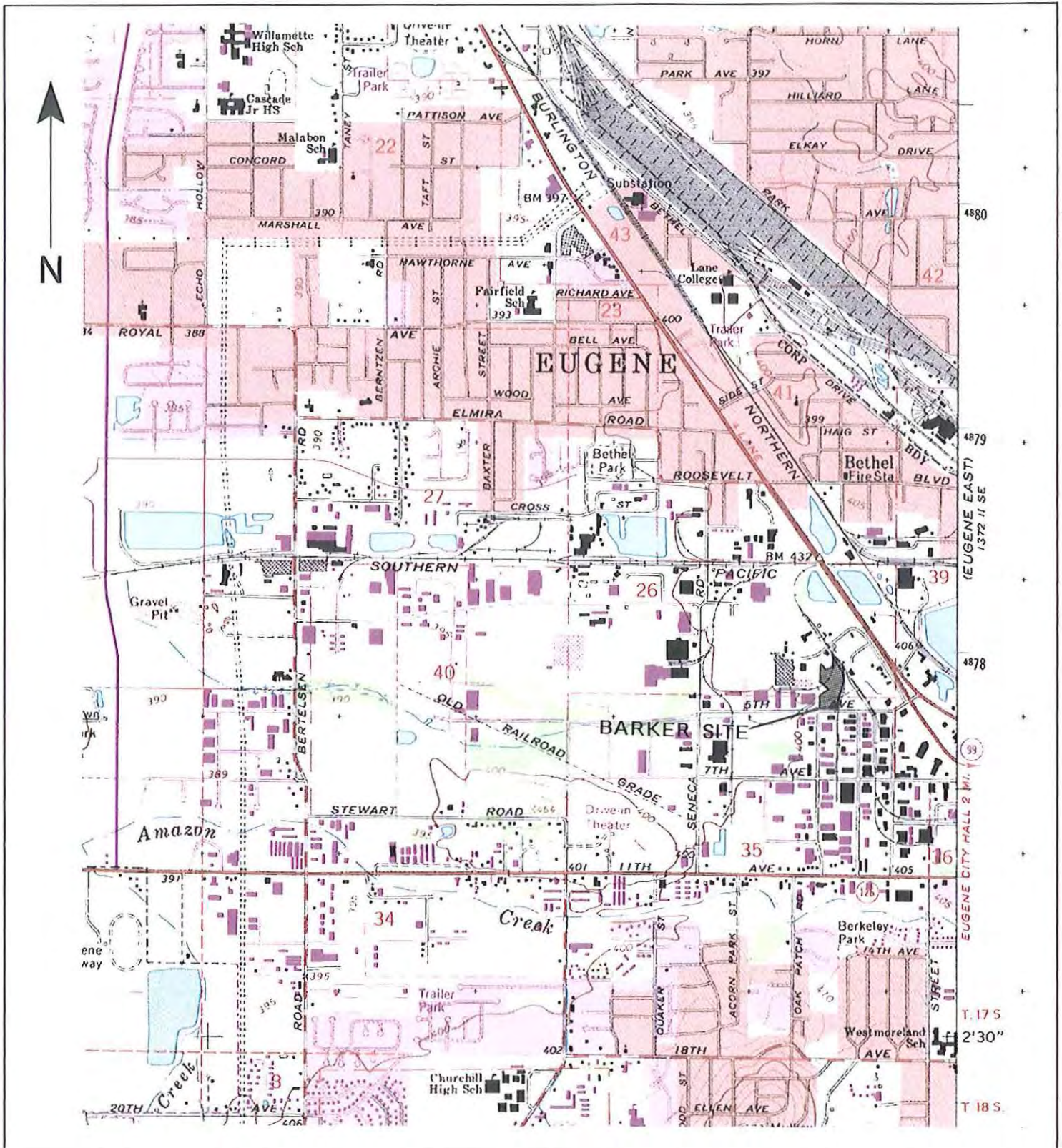

John M. Head
President

JEG:ct
Attachments




James E. Gribi
Registered Geologist
Oregon No. G1752

ECI

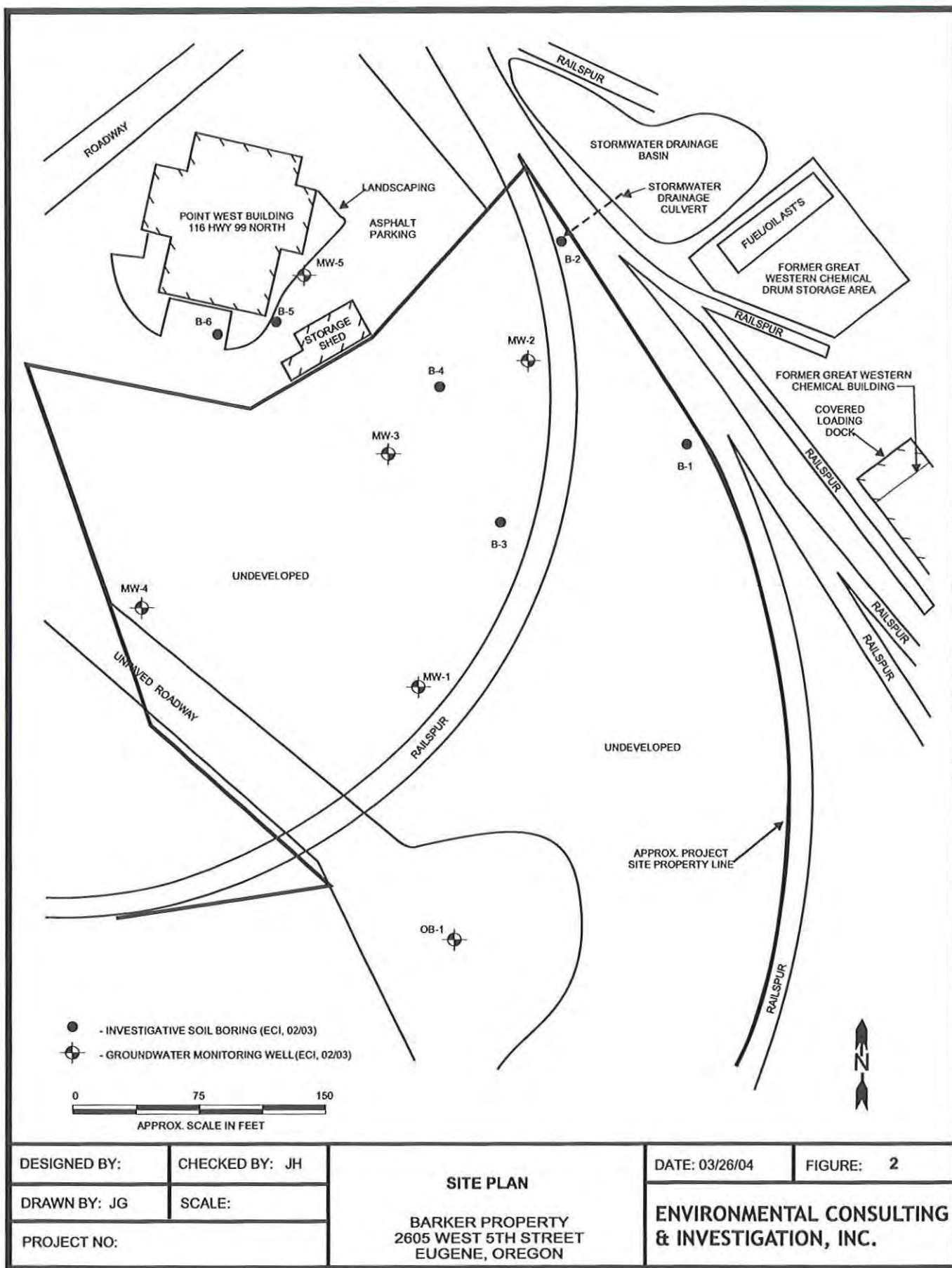


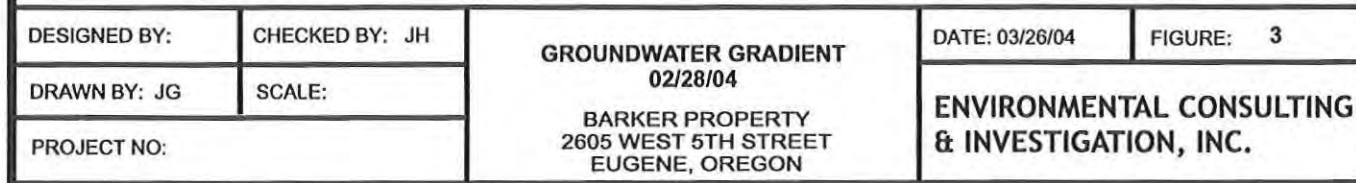
VICINITY MAP

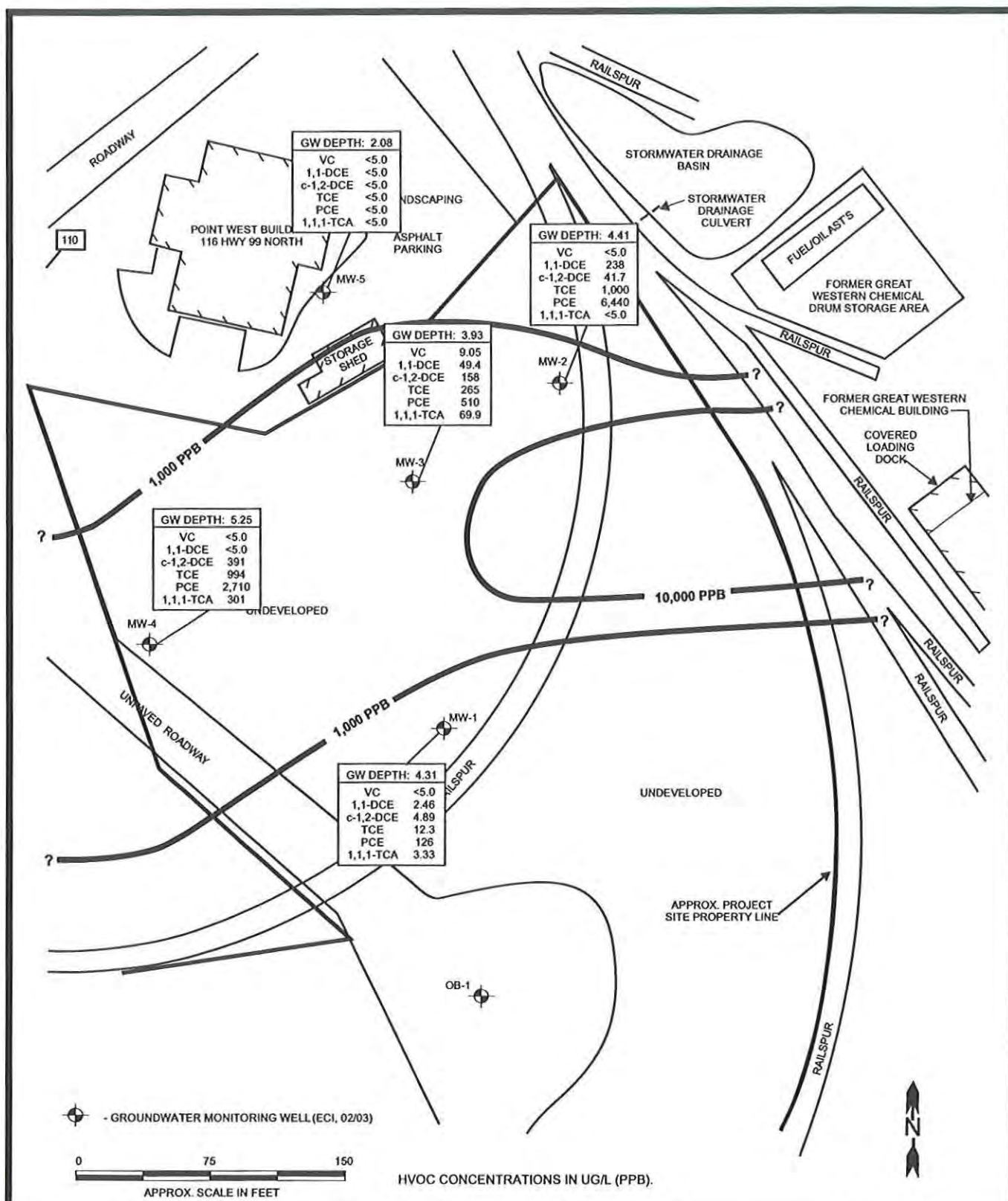
MARCH 2004

FIGURE 1

ENVIRONMENTAL
CONSULTING &
INVESTIGATION, INC.







DESIGNED BY:	CHECKED BY: JH	HVOC CONCENTRATIONS IN GROUNDWATER BARKER PROPERTY 2605 WEST 5TH STREET EUGENE, OREGON	DATE: 03/26/04	FIGURE: 4
DRAWN BY: JG	SCALE:		ENVIRONMENTAL CONSULTING & INVESTIGATION, INC.	
PROJECT NO:				



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2000 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

3 March, 2004

John Head
Environmental Consulting and Investigation, Inc.
61275 Ward Rd.
Bend, OR 97702

RE: Barker

Enclosed are the results of analyses for samples received by the laboratory on 03/01/04 11:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stephen Wilson
Laboratory Supervisor

Work Orders included in this report:
403003



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

Anchorage 2000 W International Airport Road, Suite A10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.
61275 Ward Rd.
Bend, OR 97702

Project: Barker
Project Number: [none]
Project Manager: John Head

Reported:
03/08/04 11:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-228-4	C403003-01	Water	02/28/04 14:40	03/01/04 11:20
B-228-1	C403003-02	Water	02/28/04 15:10	03/01/04 11:20
B-228-2	C403003-03	Water	02/28/04 15:40	03/01/04 11:20
B-228-3	C403003-04	Water	02/28/04 16:10	03/01/04 11:20
B-228-5	C403003-05	Water	02/28/04 16:40	03/01/04 11:20

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 1 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2000 W International Airport Road, Suite A10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.
61275 Ward Rd.
Bend, OR 97702

Project: Barker
Project Number: [none]
Project Manager: John Head

Reported:
03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
B-228-4 (C403003-01) Water						Sampled: 02/28/04 Received: 03/01/04			
Acetone	ND	500	ug/l	20	EPA 8260B	03/04/04	03/04/04	4030156	
Benzene	ND	20.0	"	"	"	"	"	"	
Bromobenzene	ND	20.0	"	"	"	"	"	"	
Bromochloromethane	ND	20.0	"	"	"	"	"	"	
Bromodichloromethane	ND	20.0	"	"	"	"	"	"	
Bromoform	ND	20.0	"	"	"	"	"	"	
Bromomethane	ND	100	"	"	"	"	"	"	
2-Butanone	ND	200	"	"	"	"	"	"	
n-Butylbenzene	ND	100	"	"	"	"	"	"	
sec-Butylbenzene	ND	20.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	20.0	"	"	"	"	"	"	
Carbon disulfide	ND	200	"	"	"	"	"	"	
Carbon tetrachloride	ND	20.0	"	"	"	"	"	"	
Chlorobenzene	ND	20.0	"	"	"	"	"	"	
Chloroethane	ND	20.0	"	"	"	"	"	"	
Chloroform	ND	20.0	"	"	"	"	"	"	
Chloromethane	ND	100	"	"	"	"	"	"	
2-Chlorotoluene	ND	20.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	20.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	100	"	"	"	"	"	"	
Dibromochloromethane	ND	20.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	20.0	"	"	"	"	"	"	
Dibromomethane	ND	20.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	20.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	20.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	20.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	100	"	"	"	"	"	"	
1,1-Dichloroethane	36.2	20.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	20.0	"	"	"	"	"	"	
1,1-Dichloroethene	201	20.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	391	20.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	20.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	20.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	20.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	20.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	20.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	20.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	20.0	"	"	"	"	"	"	
Ethylbenzene	ND	20.0	"	"	"	"	"	"	

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244

425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Anchorage 2800 W International Airport Road, Suite A10, Anchorage, AK 99502-1419

907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.

61275 Ward Rd.

Bend, OR 97702

Project: Barker

Project Number: [none]

Project Manager: John Head

Reported:

03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
B-228-4 (C403003-01) Water						Sampled: 02/28/04 Received: 03/01/04			
Hexachlorobutadiene	ND	40.0	ug/l	20	EPA 8260B	03/04/04	03/04/04	4030156	
2-Hexanone	ND	200	"	"	"	"	"	"	
Isopropylbenzene	ND	40.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	40.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	100	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	20.0	"	"	"	"	"	"	
Methylene chloride	ND	100	"	"	"	"	"	"	
Naphthalene	ND	40.0	"	"	"	"	"	"	
n-Propylbenzene	ND	20.0	"	"	"	"	"	"	
Styrene	ND	20.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	20.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	20.0	"	"	"	"	"	"	
Tetrachloroethene	2710	20.0	"	"	"	"	"	"	
Toluene	ND	20.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	20.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	20.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	301	20.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	20.0	"	"	"	"	"	"	
Trichloroethene	994	20.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	20.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	20.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	20.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	20.0	"	"	"	"	"	"	
Vinyl chloride	ND	20.0	"	"	"	"	"	"	
o-Xylene	ND	20.0	"	"	"	"	"	"	
m,p-Xylene	ND	40.0	"	"	"	"	"	"	
Surr: 4-BFB	94.0 %	75-120							
Surr: 1,2-DCA-d4	104 %	77-129							
Surr: Dibromofluoromethane	104 %	80-121							
Surr: Toluene-d8	104 %	80-120							

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 3 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2000 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.
61275 Ward Rd.
Bend, OR 97702

Project: Barker
Project Number: [none]
Project Manager: John Head

Reported:
03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
B-228-1 (C403003-02) Water						Sampled: 02/28/04 Received: 03/01/04			
Acetone	ND	25.0	ug/l	1	EPA 8260B	03/04/04	03/04/04	4030156	
Benzene	ND	1.00	"	"	"	"	"	"	
Bromobenzene	ND	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	1.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	5.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.00	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.00	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.00	"	"	"	"	"	"	
Carbon disulfide	ND	10.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.00	"	"	"	"	"	"	
Chlorobenzene	ND	1.00	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	1.00	"	"	"	"	"	"	
Chloromethane	ND	5.00	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.00	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.00	"	"	"	"	"	"	
Dibromochloromethane	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
Dibromomethane	ND	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	2.46	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	4.89	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.00	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.00	"	"	"	"	"	"	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 4 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244

425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Anchorage 2000 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119

907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.

Project: Barker

61275 Ward Rd.

Project Number: [none]

Bend, OR 97702

Project Manager: John Head

Reported:

03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
B-228-1 (C403003-02) Water						Sampled: 02/28/04 Received: 03/01/04			
Hexachlorobutadiene	ND	2.00	ug/l	1	EPA 8260B	03/04/04	03/04/04	4030156	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.00	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
Naphthalene	ND	2.00	"	"	"	"	"	"	
n-Propylbenzene	ND	1.00	"	"	"	"	"	"	
Styrene	ND	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.00	"	"	"	"	"	"	
Tetrachloroethene	126	1.00	"	"	"	"	"	"	
Toluene	ND	1.00	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	3.33	1.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	12.3	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
o-Xylene	ND	1.00	"	"	"	"	"	"	
m,p-Xylene	ND	2.00	"	"	"	"	"	"	
Surr: 4-BFB	85.5 %	75-120							
Surr: 1,2-DCA-d4	104 %	77-129							
Surr: Dibromofluoromethane	104 %	80-121							
Surr: Toluene-d8	101 %	80-120							

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 5 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2000 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.
61275 Ward Rd.
Bend, OR 97702

Project: Barker
Project Number: [none]
Project Manager: John Head

Reported:
03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
B-228-2 (C403003-03) Water						Sampled: 02/28/04 Received: 03/01/04			
Acetone	ND	1250	ug/l	50	EPA 8260B	03/04/04	03/04/04	4030156	
Benzene	ND	50.0	"	"	"	"	"	"	
Bromobenzene	ND	50.0	"	"	"	"	"	"	
Bromochloromethane	ND	50.0	"	"	"	"	"	"	
Bromodichloromethane	ND	50.0	"	"	"	"	"	"	
Bromoform	ND	50.0	"	"	"	"	"	"	
Bromomethane	ND	250	"	"	"	"	"	"	
2-Butanone	ND	500	"	"	"	"	"	"	
n-Butylbenzene	ND	250	"	"	"	"	"	"	
sec-Butylbenzene	ND	50.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	50.0	"	"	"	"	"	"	
Carbon disulfide	ND	500	"	"	"	"	"	"	
Carbon tetrachloride	ND	50.0	"	"	"	"	"	"	
Chlorobenzene	ND	50.0	"	"	"	"	"	"	
Chloroethane	ND	50.0	"	"	"	"	"	"	
Chloroform	ND	50.0	"	"	"	"	"	"	
Chloromethane	ND	250	"	"	"	"	"	"	
2-Chlorotoluene	ND	50.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	50.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	250	"	"	"	"	"	"	
Dibromochloromethane	ND	50.0	"	"	"	"	"	"	
1,2-Dibromoethane	ND	50.0	"	"	"	"	"	"	
Dibromomethane	ND	50.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	50.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	50.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	50.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	250	"	"	"	"	"	"	
1,1-Dichloroethane	ND	50.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	50.0	"	"	"	"	"	"	
1,1-Dichloroethene	238	50.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	50.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	50.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	50.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	50.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	50.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	50.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	50.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	50.0	"	"	"	"	"	"	
Ethylbenzene	ND	50.0	"	"	"	"	"	"	

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244

425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Anchorage 2800 W International Airport Road, Suite A10, Anchorage, AK 99502-1119

907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.
61275 Ward Rd.
Bend, OR 97702

Project: Barker
Project Number: [none]
Project Manager: John Head

Reported:
03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
B-228-2 (C403003-03) Water						Sampled: 02/28/04 Received: 03/01/04			
Hexachlorobutadiene	ND	100	ug/l	50	EPA 8260B	03/04/04	03/04/04	4030156	
2-Hexanone	ND	500	"	"	"	"	"	"	
Isopropylbenzene	ND	100	"	"	"	"	"	"	
p-Isopropyltoluene	ND	100	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	250	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50.0	"	"	"	"	"	"	
Methylene chloride	ND	250	"	"	"	"	"	"	
Naphthalene	ND	100	"	"	"	"	"	"	
n-Propylbenzene	ND	50.0	"	"	"	"	"	"	
Styrene	ND	50.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	50.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	50.0	"	"	"	"	"	"	
Tetrachloroethene	6440	50.0	"	"	"	"	"	"	
Toluene	ND	50.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	50.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	50.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	506	50.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	50.0	"	"	"	"	"	"	
Trichloroethene	1000	50.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	50.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	50.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	50.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	50.0	"	"	"	"	"	"	
Vinyl chloride	ND	50.0	"	"	"	"	"	"	
o-Xylene	ND	50.0	"	"	"	"	"	"	
m,p-Xylene	ND	100	"	"	"	"	"	"	
Surr: 4-BFB	85.5 %	75-120							
Surr: 1,2-DCA-d4	98.0 %	77-129							
Surr: Dibromofluoromethane	98.0 %	80-121							
Surr: Toluene-d8	97.5 %	80-120							

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 7 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2600 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.
61275 Ward Rd.
Bend, OR 97702

Project: Barker
Project Number: [none]
Project Manager: John Head

Reported:
03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
B-228-3 (C403003-04) Water						Sampled: 02/28/04 Received: 03/01/04			
Acetone	ND	125	ug/l	5	EPA 8260B	03/04/04	03/04/04	4030156	
Benzene	ND	5.00	"	"	"	"	"	"	
Bromobenzene	ND	5.00	"	"	"	"	"	"	
Bromochloromethane	ND	5.00	"	"	"	"	"	"	
Bromodichloromethane	ND	5.00	"	"	"	"	"	"	
Bromoform	ND	5.00	"	"	"	"	"	"	
Bromomethane	ND	25.0	"	"	"	"	"	"	
2-Butanone	ND	50.0	"	"	"	"	"	"	
n-Butylbenzene	ND	25.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	5.00	"	"	"	"	"	"	
tert-Butylbenzene	ND	5.00	"	"	"	"	"	"	
Carbon disulfide	ND	50.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	5.00	"	"	"	"	"	"	
Chlorobenzene	ND	5.00	"	"	"	"	"	"	
Chloroethane	ND	5.00	"	"	"	"	"	"	
Chloroform	ND	5.00	"	"	"	"	"	"	
Chloromethane	ND	25.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	5.00	"	"	"	"	"	"	
4-Chlorotoluene	ND	5.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	25.0	"	"	"	"	"	"	
Dibromochloromethane	ND	5.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	5.00	"	"	"	"	"	"	
Dibromomethane	ND	5.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	5.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	25.0	"	"	"	"	"	"	
1,1-Dichloroethane	12.0	5.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethene	49.4	5.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	158	5.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	5.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	5.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	5.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	5.00	"	"	"	"	"	"	
1,1-Dichloropropene	ND	5.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	5.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	5.00	"	"	"	"	"	"	
Ethylbenzene	ND	5.00	"	"	"	"	"	"	

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2000 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.
61275 Ward Rd.
Bend, OR 97702

Project: Barker
Project Number: [none]
Project Manager: John Head

Reported:
03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
B-228-3 (C403003-04) Water						Sampled: 02/28/04 Received: 03/01/04			
Hexachlorobutadiene	ND	10.0	ug/l	5	EPA 8260B	03/04/04	03/04/04	4030156	
2-Hexanone	ND	50.0	"	"	"	"	"	"	
Isopropylbenzene	ND	10.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	10.0	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	25.0	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	5.00	"	"	"	"	"	"	
Methylene chloride	ND	25.0	"	"	"	"	"	"	
Naphthalene	ND	10.0	"	"	"	"	"	"	
n-Propylbenzene	ND	5.00	"	"	"	"	"	"	
Styrene	ND	5.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.00	"	"	"	"	"	"	
Tetrachloroethene	510	5.00	"	"	"	"	"	"	
Toluene	ND	5.00	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	5.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	69.9	5.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.00	"	"	"	"	"	"	
Trichloroethene	265	5.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	5.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.00	"	"	"	"	"	"	
Vinyl chloride	9.05	5.00	"	"	"	"	"	"	
o-Xylene	ND	5.00	"	"	"	"	"	"	
m,p-Xylene	ND	10.0	"	"	"	"	"	"	
Surr: 4-BFB	91.0 %	75-120							
Surr: 1,2-DCA-d4	104 %	77-129							
Surr: Dibromofluoromethane	104 %	80-121							
Surr: Toluene-d8	104 %	80-120							

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 9 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2080 W International Airport Road, Suite A10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.
61275 Ward Rd.
Bend, OR 97702

Project: Barker
Project Number: [none]
Project Manager: John Head

Reported:
03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
B-228-5 (C403003-05) Water						Sampled: 02/28/04 Received: 03/01/04			
Acetone	ND	25.0	ug/l	1	EPA 8260B	03/04/04	03/04/04	4030156	
Benzene	ND	1.00	"	"	"	"	"	"	
Bromobenzene	ND	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	1.00	"	"	"	"	"	"	
Bromoform	ND	1.00	"	"	"	"	"	"	
Bromomethane	ND	5.00	"	"	"	"	"	"	
2-Butanone	ND	10.0	"	"	"	"	"	"	
n-Butylbenzene	ND	5.00	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.00	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.00	"	"	"	"	"	"	
Carbon disulfide	ND	10.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.00	"	"	"	"	"	"	
Chlorobenzene	ND	1.00	"	"	"	"	"	"	
Chloroethane	ND	1.00	"	"	"	"	"	"	
Chloroform	ND	1.00	"	"	"	"	"	"	
Chloromethane	ND	5.00	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.00	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.00	"	"	"	"	"	"	
Dibromochloromethane	ND	1.00	"	"	"	"	"	"	
1,2-Dibromoethane	ND	1.00	"	"	"	"	"	"	
Dibromomethane	ND	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.00	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.00	"	"	"	"	"	"	
Ethylbenzene	ND	1.00	"	"	"	"	"	"	

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 10 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2800 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.
61275 Ward Rd.
Bend, OR 97702

Project: Barker
Project Number: [none]
Project Manager: John Head

Reported:
03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
B-228-5 (C403003-05) Water						Sampled: 02/28/04 Received: 03/01/04			
Hexachlorobutadiene	ND	2.00	ug/l	1	EPA 8260B	03/04/04	03/04/04	4030156	
2-Hexanone	ND	10.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.00	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1.00	"	"	"	"	"	"	
Methylene chloride	ND	5.00	"	"	"	"	"	"	
Naphthalene	ND	2.00	"	"	"	"	"	"	
n-Propylbenzene	ND	1.00	"	"	"	"	"	"	
Styrene	ND	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.00	"	"	"	"	"	"	
Tetrachloroethene	ND	1.00	"	"	"	"	"	"	
Toluene	ND	1.00	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.00	"	"	"	"	"	"	
Trichloroethene	ND	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	1.00	"	"	"	"	"	"	
o-Xylene	ND	1.00	"	"	"	"	"	"	
m,p-Xylene	ND	2.00	"	"	"	"	"	"	
Surr: 4-BFB	93.0 %	75-120							
Surr: 1,2-DCA-d4	99.0 %	77-129							
Surr: Dibromofluoromethane	100 %	80-121							
Surr: Toluene-d8	102 %	80-120							

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 11 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244

425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Anchorage 2000 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.

Project: Barker

61275 Ward Rd.

Project Number: [none]

Reported:

Bend, OR 97702

Project Manager: John Head

03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 4030156 - EPA 5030B

Blank (4030156-BLK1)

Prepared & Analyzed: 03/04/04

Acetone	ND	25.0	ug/l
Benzene	ND	1.00	"
Bromobenzene	ND	1.00	"
Bromochloromethane	ND	1.00	"
Bromodichloromethane	ND	1.00	"
Bromoform	ND	1.00	"
Bromomethane	ND	5.00	"
2-Butanone	ND	10.0	"
n-Butylbenzene	ND	5.00	"
sec-Butylbenzene	ND	1.00	"
tert-Butylbenzene	ND	1.00	"
Carbon disulfide	ND	10.0	"
Carbon tetrachloride	ND	1.00	"
Chlorobenzene	ND	1.00	"
Chloroethane	ND	1.00	"
Chloroform	ND	1.00	"
Chloromethane	ND	5.00	"
2-Chlorotoluene	ND	1.00	"
4-Chlorotoluene	ND	1.00	"
1,2-Dibromo-3-chloropropane	ND	5.00	"
Dibromochloromethane	ND	1.00	"
1,2-Dibromoethane	ND	1.00	"
Dibromomethane	ND	1.00	"
1,2-Dichlorobenzene	ND	1.00	"
1,3-Dichlorobenzene	ND	1.00	"
1,4-Dichlorobenzene	ND	1.00	"
Dichlorodifluoromethane	ND	5.00	"
1,1-Dichloroethane	ND	1.00	"
1,2-Dichloroethane	ND	1.00	"
1,1-Dichloroethene	ND	1.00	"
cis-1,2-Dichloroethene	ND	1.00	"
trans-1,2-Dichloroethene	ND	1.00	"
1,2-Dichloropropane	ND	1.00	"
1,3-Dichloropropane	ND	1.00	"
2,2-Dichloropropane	ND	1.00	"
1,1-Dichloropropene	ND	1.00	"

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 12 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244

425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Anchorage 2600 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119

907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.

Project: Barker

61275 Ward Rd.

Project Number: [none]

Bend, OR 97702

Project Manager: John Head

Reported:

03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4030156 - EPA 5030B

Blank (4030156-BLK1)

Prepared & Analyzed: 03/04/04

cis-1,3-Dichloropropene	ND	1.00	ug/l							
trans-1,3-Dichloropropene	ND	1.00	"							
Ethylbenzene	ND	1.00	"							
Hexachlorobutadiene	ND	2.00	"							
2-Hexanone	ND	10.0	"							
Isopropylbenzene	ND	2.00	"							
p-Isopropyltoluene	ND	2.00	"							
4-Methyl-2-pentanone	ND	5.00	"							
Methyl tert-butyl ether	ND	1.00	"							
Methylene chloride	ND	5.00	"							
Naphthalene	ND	2.00	"							
n-Propylbenzene	ND	1.00	"							
Styrene	ND	1.00	"							
1,1,1,2-Tetrachloroethane	ND	1.00	"							
1,1,2,2-Tetrachloroethane	ND	1.00	"							
Tetrachloroethene	ND	1.00	"							
Toluene	ND	1.00	"							
1,2,3-Trichlorobenzene	ND	1.00	"							
1,2,4-Trichlorobenzene	ND	1.00	"							
1,1,1-Trichloroethane	ND	1.00	"							
1,1,2-Trichloroethane	ND	1.00	"							
Trichloroethene	ND	1.00	"							
Trichlorofluoromethane	ND	1.00	"							
1,2,3-Trichloropropane	ND	1.00	"							
1,2,4-Trimethylbenzene	ND	1.00	"							
1,3,5-Trimethylbenzene	ND	1.00	"							
Vinyl chloride	ND	1.00	"							
o-Xylene	ND	1.00	"							
m,p-Xylene	ND	2.00	"							
Surr: 4-BFB	19.6		"	20.0		98.0	75-120			
Surr: 1,2-DCA-d4	19.8		"	20.0		99.0	77-129			
Surr: Dibromofluoromethane	20.1		"	20.0		100	80-121			
Surr: Toluene-d8	20.4		"	20.0		102	80-120			

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 13 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244

425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Anchorage 2000 W International Airport Road, Suite A10, Anchorage, AK 99502-1119

907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.

61275 Ward Rd.

Bend, OR 97702

Project: Barker

Project Number: [none]

Project Manager: John Head

Reported:

03/08/04 11:48

Volatile Organic Compounds per EPA Method 8260B - Quality Control

North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4030156 - EPA 5030B

LCS (4030156-BS1)

Prepared & Analyzed: 03/04/04

Benzene	19.6	1.00	ug/l	20.0		98.0	80-120			
Chlorobenzene	20.2	1.00	"	20.0		101	80-124			
1,1-Dichloroethene	18.6	1.00	"	20.0		93.0	78-120			
Toluene	20.5	1.00	"	20.0		102	80-124			
Trichloroethene	19.6	1.00	"	20.0		98.0	80-132			
Surr: 4-BFB	20.8		"	20.0		104	75-120			
Surr: 1,2-DCA-d4	19.3		"	20.0		96.5	77-129			
Surr: Dibromofluoromethane	20.0		"	20.0		100	80-121			
Surr: Toluene-d8	20.6		"	20.0		103	80-120			

Matrix Spike (4030156-MS1)

Source: C403003-05

Prepared & Analyzed: 03/04/04

Benzene	20.1	1.00	ug/l	20.0	ND	100	80-124			
Chlorobenzene	20.2	1.00	"	20.0	ND	101	72.9-134			
1,1-Dichloroethene	19.9	1.00	"	20.0	ND	99.5	79.3-127			
Toluene	20.7	1.00	"	20.0	ND	104	79.7-131			
Trichloroethene	19.4	1.00	"	20.0	ND	97.0	68.4-130			
Surr: 4-BFB	19.4		"	20.0		97.0	75-120			
Surr: 1,2-DCA-d4	19.3		"	20.0		96.5	77-129			
Surr: Dibromofluoromethane	19.7		"	20.0		98.5	80-121			
Surr: Toluene-d8	20.8		"	20.0		104	80-120			

Matrix Spike Dup (4030156-MSD1)

Source: C403003-05

Prepared & Analyzed: 03/04/04

Benzene	20.5	1.00	ug/l	20.0	ND	102	80-124	1.97	25	
Chlorobenzene	20.7	1.00	"	20.0	ND	104	72.9-134	2.44	25	
1,1-Dichloroethene	20.8	1.00	"	20.0	ND	104	79.3-127	4.42	25	
Toluene	21.1	1.00	"	20.0	ND	106	79.7-131	1.91	25	
Trichloroethene	19.7	1.00	"	20.0	ND	98.5	68.4-130	1.53	25	
Surr: 4-BFB	20.6		"	20.0		103	75-120			
Surr: 1,2-DCA-d4	19.4		"	20.0		97.0	77-129			
Surr: Dibromofluoromethane	20.0		"	20.0		100	80-121			
Surr: Toluene-d8	20.6		"	20.0		103	80-120			

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 14 of 15



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244

425.420.9200 fax 425.420.9210

Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776

509.924.9200 fax 509.924.9290

Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

503.906.9200 fax 503.906.9210

Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

Anchorage 2600 W. International Airport Road, Suite A10, Anchorage, AK 99502-1119

907.563.9200 fax 907.563.9210

Environmental Consulting and Investigation, Inc.

61275 Ward Rd.

Bend, OR 97702

Project: Barker

Project Number: [none]

Project Manager: John Head

Reported:

03/08/04 11:48

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Bend

Stephen Wilson, Laboratory Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

Page 15 of 15

CHAIN OF CUSTODY REPORT

Work Order #: C403003

CLIENT: ECI		INVOICE TO:		TURNAROUND REQUEST in Business Days*					
REPORT TO: John Head		ADDRESS: 61275 Wards Rd Band OR 97702		INVOICE TO: same		Organic & Inorganic Analyses			
PHONE: (541) 383-1406		FAX: (541) 383-1408		P.O. NUMBER:		☒ 7 ☐ 5 ☐ 4 ☐ 3 ☐ 2 ☐ 1 ☐ <1			
PROJECT NAME: Barker		PROJECT NUMBER:		REQUESTED ANALYSES		STD. ☐ 5 ☐ 4 ☐ 3 ☐ 2 ☐ 1 ☐ <1			
SAMPLED BY: John Head		CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		OTHER		Please Specify	
1. B-228-4		2/28/04; 1440		✓		W		4	
2. B-228-1		2/28/04; 1510		✓		W		4	
3. B-228-2		2/28/04; 1540		✓		W		4	
4. B-228-3		2/28/04; 1610		✓		W		4	
5. B-228-5		2/28/04; 1640		✓		W		4	
6.									
7.									
8.									
9.									
10.									
11.									
12.									
13.									
14.									
15.									
RELINQUISHED BY: John Head		DATE: 3/1/04		RECEIVED BY: Carol Reid		DATE: 3/1/04			
PRINT NAME: John Head		FIRM: ECI		PRINT NAME: Carol Reid		FIRM: NCA			
RELINQUISHED BY:		DATE:		RECEIVED BY:		DATE:			
PRINT NAME:		FIRM:		PRINT NAME:		FIRM:			
ADDITIONAL REMARKS:									
COC REV 3/99						TEMP: 118		PAGE 1 OF 1	

