Report Number : 49961

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 5/17/2006

Project Name : **Former Central BP**

Project Number : **NC-24**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	49961-01	<0.0050	0.0395	0.0394	0.0325	0.0299	mg/Kg	EPA 8260B	5/15/06	82.2	75.9	8.06	70-130	25
Toluene	49961-01	<0.0050	0.0395	0.0394	0.0311	0.0276	mg/Kg	EPA 8260B	5/15/06	78.6	70.2	11.2	70-130	25
Tert-Butanol	49961-01	<0.0050	0.198	0.197	0.165	0.158	mg/Kg	EPA 8260B	5/15/06	83.5	80.5	3.72	70-130	25
Methyl-t-Butyl Ether	49961-01	<0.0050	0.0395	0.0394	0.0323	0.0291	mg/Kg	EPA 8260B	5/15/06	81.7	73.9	10.0	70-130	25
Benzene	49966-07	<0.0050	0.0400	0.0371	0.0383	0.0349	mg/Kg	EPA 8260B	5/12/06	95.8	94.0	1.87	70-130	25
Toluene	49966-07	<0.0050	0.0400	0.0371	0.0388	0.0348	mg/Kg	EPA 8260B	5/12/06	96.9	93.9	3.09	70-130	25
Tert-Butanol	49966-07	<0.0050	0.200	0.186	0.175	0.162	mg/Kg	EPA 8260B	5/12/06	87.6	87.5	0.0714	70-130	25
Methyl-t-Butyl Ether	49966-07	<0.0050	0.0400	0.0371	0.0374	0.0337	mg/Kg	EPA 8260B	5/12/06	93.6	90.8	3.01	70-130	25
Benzene	49714-03	<0.0050	0.0390	0.0372	0.0389	0.0360	mg/Kg	EPA 8260B	5/16/06	99.9	96.8	3.16	70-130	25
Toluene	49714-03	<0.0050	0.0390	0.0372	0.0396	0.0368	mg/Kg	EPA 8260B	5/16/06	102	98.8	2.79	70-130	25
Tert-Butanol	49714-03	<0.0050	0.195	0.186	0.184	0.176	mg/Kg	EPA 8260B	5/16/06	94.5	94.4	0.0464	70-130	25
Methyl-t-Butyl Ether	49714-03	<0.0050	0.0390	0.0372	0.0378	0.0352	mg/Kg	EPA 8260B	5/16/06	96.9	94.6	2.36	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Numbr : 49961

Date : 5/17/006

QC Report : Laboratory Control Sample (LCS)

Project Name : **Former Central BP**

Project Number : **NC-24**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	0.0399	mg/Kg	EPA 8260B	5/15/06	94.4	70-130
Toluene	0.0399	mg/Kg	EPA 8260B	5/15/06	92.7	70-130
Tert-Butanol	0.200	mg/Kg	EPA 8260B	5/15/06	96.4	70-130
Methyl-t-Butyl Ether	0.0399	mg/Kg	EPA 8260B	5/15/06	89.6	70-130
Benzene	0.0365	mg/Kg	EPA 8260B	5/12/06	98.8	70-130
Toluene	0.0365	mg/Kg	EPA 8260B	5/12/06	100	70-130
Tert-Butanol	0.182	mg/Kg	EPA 8260B	5/12/06	89.8	70-130
Methyl-t-Butyl Ether	0.0365	mg/Kg	EPA 8260B	5/12/06	95.8	70-130
Benzene	0.0364	mg/Kg	EPA 8260B	5/16/06	95.4	70-130
Toluene	0.0364	mg/Kg	EPA 8260B	5/16/06	97.3	70-130
Tert-Butanol	0.182	mg/Kg	EPA 8260B	5/16/06	89.3	70-130
Methyl-t-Butyl Ether	0.0364	mg/Kg	EPA 8260B	5/16/06	95.9	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 49961

Page 1 of 3

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Andrew Lotticero

California EDF Report? ☑ Yes ☐ No

Company / Address: Blue Rock Env. 5353rd St. #100 Eureka CA 95501

Sampling Company Log Code:

Phone #: 707 4411939 | Fax #: 707 4411949

Global ID: T0602300491

Project #: NC-21 | P.O. #:

EDF Deliverable To (Email Address): Scott@bluerockenv.com

Project Name: Former Central BP

Sampler Signature: A. [illegible]

Project Address: 2160 Central Ave, McKinleyville CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar		Preservative: HCl	HNO_3	None	TCE		Matrix: Water	Soil	Air		MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)				TAT	For Lab Use Only
B-8 10'	5/4/06	920		1								Y			X				Y	Y	Y														X	-01
B-8 15'		930																																		-02
B-8 20'		945																																		-03
B-8 25'		955																																		-04
B-8 30'		1015																																		-05
B-7 5'		1025																																		-06
B-7 10'		1045																																		-07
B-7 15'		1055																																		-08
B-7 20'		1110																																		-09
B-7 25'		1125																																		-10

Relinquished by:	Date	Time	Received by:
A. [illegible]	5/4/06	[illegible]	FED EX
	051106	1250	Gayle Capik Kiff Analytical

Remarks:

Bill to: BR Redwood City

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
0.4	[illegible]	051106	1250	IR-1	(Yes) / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 49961

Page 2 of 3

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Andrew Lolicero

California EDF Report? ☑ Yes ☐ No

Company / Address: Blue Rock Env. 535 3rd St. #100 Eureka CA 95501

Sampling Company Log Code:

Phone #: 707 441 1934 Fax #: 707 441 1949

Global ID: T0602300491

Project #: NL-24 P.O. #:

EDF Deliverable To (Email Address): scott@blueroccenv.com

Project Name: Former Central BP

Sampler Signature: A. [illegible]

Project Address: 2160 Central Ave. McKinleyville, CA

Sample Designation	Sampling Date	Sampling Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar		HCl	HNO_3	None	TCLP		Water	Soil	Air		MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)				TAT 12 hr / 24 hr / 48 hr / 72 hr / 1 wk	For Lab Use Only
B-7 30'	5/9/06	1145		1								X			Y				Y	Y	Y														X	-11
B-9 10'		1155																																		-12
B-9 15'		1210																																		-13
B-9 20'		1220																																		-14
B-9 25'		1230																																		-15
B-9 30'		1245																																		-16
B-6 15		1305																																		-17
B-6 20		1315																																		-18
B-6 25		1325																																		-19
B-6 30		1340																																		-20

Relinquished by:	Date	Time	Received by:
A. [illegible]	5/10/06	1400	FED EX
	05/11/06	1250	Kaylin Capich Kiff Analytical

Remarks:

Bill to: BR Fosdercity

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 49961

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Andrew Holtzer

California EDF Report? ☑ Yes ☐ No

Company / Address: Blue Rock Env. 535 3rd St. #110 Eureka CA 95501

Sampling Company Log Code:

Phone #: 7074411934 Fax #: 7074411949

Global ID: T0602300491

Project #: NC-24 P.O. #:

EDF Deliverable To (Email Address): scott@bluerockenv.com

Project Name: Former Central BP

Sampler Signature: A. Holtzer

Project Address: 2160 Central Ave McKinleyville CA

Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO_3	None	ICE	Water	Soil	Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)				TAT (12 hr / 24 hr / 48 hr / 72 hr / 1 wk)	For Lab Use Only
B-10 10'	5/9/06	1400		1							Y		Y			Y	Y	Y														X	-21
B-10 15'		1415		↓							↓		↓			↓	↓	↓														↓	-22
B-10 20'		1430		↓							↓		↓			↓	↓	↓														↓	-23
B-10 25'		1445		↓							↓		↓			↓	↓	↓														↓	-24
B-10 30'		1455		↓							↓		↓			↓	↓	↓														↓	-25
B-5 10'		1725		↓							↓		↓			↓	↓	↓														↓	-26
B-5 15'		1745		↓							↓		↓			↓	↓	↓														↓	-27
B-5 20'		1755		↓							↓		↓			↓	↓	↓														↓	-28
B-5 25'		1810		↓							↓		↓			↓	↓	↓														↓	-29
B-5 29'		1825		↓							↓		↓			↓	↓	↓														↓	-30

Relinquished by:	Date	Time	Received by:
A. Holtzer	5/10/06	1400	FED EX

Remarks:

Bill to: BP Former Central

Relinquished by:	Date	Time	Received by Laboratory:
	051106	1250	Steph Capik Kiff Analytical

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

KIFF Analytical LLC

Report Number : 50135
Date : 5/25/2006

Andrew LoCicero
Blue Rock Environmental, Inc.
535 3rd Street, Suite 100
Eureka, CA 95501

Subject : 1 Water Sample
Project Name : PICO
Project Number : NC-24

Dear Mr. LoCicero,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 50135
Date : 5/25/2006

Subject : 1 Water Sample
Project Name : PICO
Project Number : NC-24

Case Narrative

The Method Reporting Limit for TPH as Diesel is increased due to interference from Gasoline-Range Hydrocarbons for sample MW-7.

Approved By: _____
Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 50135

Date : 5/25/2006

Project Name : **PICO**

Project Number : **NC-24**

Sample : **MW-7** Matrix : Water Lab Number : 50135-01

Sample Date :5/19/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**26**	1.5	ug/L	EPA 8260B	5/24/2006
Toluene	**42**	1.5	ug/L	EPA 8260B	5/24/2006
Ethylbenzene	**220**	1.5	ug/L	EPA 8260B	5/24/2006
Total Xylenes	**1400**	1.5	ug/L	EPA 8260B	5/24/2006
Methyl-t-butyl ether (MTBE)	**< 1.5**	1.5	ug/L	EPA 8260B	5/24/2006
TPH as Gasoline	**9800**	150	ug/L	EPA 8260B	5/24/2006
Toluene - d8 (Surr)	100		% Recovery	EPA 8260B	5/24/2006
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	5/24/2006
TPH as Diesel (Silica Gel)	**< 600**	600	ug/L	M EPA 8015	5/25/2006
Octacosane (Diesel Surrogate)	106		% Recovery	M EPA 8015	5/25/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50135

Date : 5/25/2006

QC Report : Method Blank Data

Project Name : **PICO**

Project Number : **NC-24**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	5/24/2006
Octacosane (Diesel Surrogate)	102		%	M EPA 8015	5/24/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	5/23/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	5/23/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	5/23/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	5/23/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	5/23/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	5/23/2006
Toluene - d8 (Surr)	98.5		%	EPA 8260B	5/23/2006
4-Bromofluorobenzene (Surr)	98.5		%	EPA 8260B	5/23/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50135

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 5/25/2006

Project Name : **PICO**

Project Number : **NC-24**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	<50	1000	1000	997	1030	ug/L	M EPA 8015	5/24/06	99.7	103	3.36	70-130	25
Benzene	50156-05	<0.50	40.0	40.0	42.0	41.4	ug/L	EPA 8260B	5/23/06	105	103	1.50	70-130	25
Toluene	50156-05	<0.50	40.0	40.0	41.2	40.0	ug/L	EPA 8260B	5/23/06	103	100	3.08	70-130	25
Tert-Butanol	50156-05	<5.0	200	200	209	213	ug/L	EPA 8260B	5/23/06	104	106	1.72	70-130	25
Methyl-t-Butyl Ether	50156-05	4.1	40.0	40.0	46.7	46.4	ug/L	EPA 8260B	5/23/06	106	106	0.684	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50135

QC Report : Laboratory Control Sample (LCS)

Date : 5/25/2006

Project Name : **PICO**

Project Number : **NC-24**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	5/23/06	99.6	70-130
Toluene	40.0	ug/L	EPA 8260B	5/23/06	100	70-130
Tert-Butanol	200	ug/L	EPA 8260B	5/23/06	102	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	5/23/06	101	70-130

Approved By: Joe Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 50135

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Andrew LaCicero

California EDF Report? ☒ Yes ☐ No

Company / Address: Blue Rock Env. Inc., 535 3rd St. Ste. 100 Eureka, CA

Sampling Company Log Code:

Phone #: (707) 441-1934

Fax #: (707) 441-1949

Global ID: T0602300491

Project #: NC-24

P.O. #:

EDF Deliverable To (Email Address): andrew@bluerockenv.com

Project Name: PICO

Sampler Signature: Dana Lindsman

Project Address: 2160 Central Ave McKinleyville, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M) Silica gel	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)				TAT: 12 hr	TAT: 24 hr	TAT: 48 hr	TAT: 72 hr	TAT: 1 wk	For Lab Use Only
MW-7	5/19/06	13:00	6					X			X				X	X	X								X									X	01

Relinquished by:	Date	Time	Received by:
Dana Lindsman	5/19/06		Fed Ex
—	—		—
—	5/20/06	1030	Kiff Analytical

Remarks:

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
0.4	JLB	052006	1030	IR-1	(Yes) / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

KIFF Analytical LLC

Report Number : 50642
Date : 6/26/2006

Andrew LoCicero
Blue Rock Environmental, Inc.
535 3rd Street, Suite 100
Eureka, CA 95501

Subject : 5 Water Samples
Project Name : PICO
Project Number : NC-24

Dear Mr. LoCicero,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

KIFF Analytical LLC

Report Number : 50642
Date : 6/26/2006

Subject : 5 Water Samples
Project Name : PICO
Project Number : NC-24

Case Narrative

The Method Reporting Limit for TPH as Diesel is increased due to interference from Gasoline-Range Hydrocarbons for sample MW-7.

Approved By: Joel Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 50642

Date : 6/26/2006

Project Name : **PICO**

Project Number : **NC-24**

Sample : **MW-5** Matrix : Water Lab Number : 50642-01

Sample Date :6/16/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**380**	2.5	ug/L	EPA 8260B	6/21/2006
Toluene	**930**	2.5	ug/L	EPA 8260B	6/21/2006
Ethylbenzene	**490**	2.5	ug/L	EPA 8260B	6/21/2006
Total Xylenes	**1600**	2.5	ug/L	EPA 8260B	6/21/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
TPH as Gasoline	**12000**	250	ug/L	EPA 8260B	6/21/2006
Toluene - d8 (Surr)	99.6		% Recovery	EPA 8260B	6/21/2006
4-Bromofluorobenzene (Surr)	98.2		% Recovery	EPA 8260B	6/21/2006

Sample : **MW-6** Matrix : Water Lab Number : 50642-02

Sample Date :6/16/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/20/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	6/20/2006
4-Bromofluorobenzene (Surr)	92.4		% Recovery	EPA 8260B	6/20/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 50642

Date : 6/26/2006

Project Name : **PICO**

Project Number : **NC-24**

Sample : **MW-7** Matrix : Water Lab Number : 50642-03

Sample Date :6/16/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**43**	1.0	ug/L	EPA 8260B	6/20/2006
Toluene	**58**	1.0	ug/L	EPA 8260B	6/20/2006
Ethylbenzene	**310**	1.0	ug/L	EPA 8260B	6/20/2006
Total Xylenes	**1600**	2.0	ug/L	EPA 8260B	6/21/2006
Methyl-t-butyl ether (MTBE)	**< 1.0**	1.0	ug/L	EPA 8260B	6/20/2006
TPH as Gasoline	**12000**	200	ug/L	EPA 8260B	6/21/2006
Toluene - d8 (Surr)	102		% Recovery	EPA 8260B	6/20/2006
4-Bromofluorobenzene (Surr)	103		% Recovery	EPA 8260B	6/20/2006
TPH as Diesel (Silica Gel)	**< 2000**	2000	ug/L	M EPA 8015	6/22/2006
Octacosane (Diesel Surrogate)	87.2		% Recovery	M EPA 8015	6/22/2006

Sample : **MW-8** Matrix : Water Lab Number : 50642-04

Sample Date :6/16/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/20/2006
Toluene - d8 (Surr)	101		% Recovery	EPA 8260B	6/20/2006
4-Bromofluorobenzene (Surr)	99.3		% Recovery	EPA 8260B	6/20/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

Report Number : 50642

Date : 6/26/2006

Project Name : **PICO**

Project Number : **NC-24**

Sample : **MW-12** Matrix : Water Lab Number : 50642-05

Sample Date :6/16/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**2.3**	0.50	ug/L	EPA 8260B	6/20/2006
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
Ethylbenzene	**1.5**	0.50	ug/L	EPA 8260B	6/20/2006
Total Xylenes	**23**	0.50	ug/L	EPA 8260B	6/20/2006
Methyl-t-butyl ether (MTBE)	**< 0.50**	0.50	ug/L	EPA 8260B	6/20/2006
TPH as Gasoline	**210**	50	ug/L	EPA 8260B	6/20/2006
Toluene - d8 (Surr)	98.6		% Recovery	EPA 8260B	6/20/2006
4-Bromofluorobenzene (Surr)	93.9		% Recovery	EPA 8260B	6/20/2006

Approved By: Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50642

Date : 6/26/2006

QC Report : Method Blank Data

Project Name : **PICO**

Project Number : **NC-24**

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Diesel (Silica Gel)	< 50	50	ug/L	M EPA 8015	6/22/2006
Octacosane (Diesel Surrogate)	97.6		%	M EPA 8015	6/22/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/20/2006
Toluene - d8 (Surr)	98.3		%	EPA 8260B	6/20/2006
4-Bromofluorobenzene (Surr)	102		%	EPA 8260B	6/20/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/20/2006
Toluene - d8 (Surr)	99.6		%	EPA 8260B	6/20/2006
4-Bromofluorobenzene (Surr)	99.2		%	EPA 8260B	6/20/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/20/2006
Toluene - d8 (Surr)	100		%	EPA 8260B	6/20/2006
4-Bromofluorobenzene (Surr)	92.1		%	EPA 8260B	6/20/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/20/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	6/20/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	6/20/2006
Toluene - d8 (Surr)	99.8		%	EPA 8260B	6/20/2006
4-Bromofluorobenzene (Surr)	95.3		%	EPA 8260B	6/20/2006

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50642

Date : 6/26/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **PICO**

Project Number : **NC-24**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	<50	1000	1000	994	998	ug/L	M EPA 8015	6/22/06	99.4	99.8	0.442	70-130	25
Benzene	50636-03	<0.50	40.0	40.0	42.0	40.9	ug/L	EPA 8260B	6/20/06	105	102	2.72	70-130	25
Toluene	50636-03	<0.50	40.0	40.0	39.2	38.0	ug/L	EPA 8260B	6/20/06	97.9	95.1	2.91	70-130	25
Tert-Butanol	50636-03	<5.0	200	200	195	201	ug/L	EPA 8260B	6/20/06	97.5	100	2.98	70-130	25
Methyl-t-Butyl Ether	50636-03	11	40.0	40.0	53.3	50.7	ug/L	EPA 8260B	6/20/06	106	99.3	6.30	70-130	25
Benzene	50642-04	<0.50	40.0	40.0	41.8	40.0	ug/L	EPA 8260B	6/20/06	104	100	4.47	70-130	25
Toluene	50642-04	<0.50	40.0	40.0	41.1	39.5	ug/L	EPA 8260B	6/20/06	103	98.8	3.83	70-130	25
Tert-Butanol	50642-04	<5.0	200	200	196	193	ug/L	EPA 8260B	6/20/06	97.8	96.6	1.25	70-130	25
Methyl-t-Butyl Ether	50642-04	<0.50	40.0	40.0	37.4	36.8	ug/L	EPA 8260B	6/20/06	93.6	92.1	1.63	70-130	25
Benzene	50656-03	<0.50	40.0	40.0	40.8	40.0	ug/L	EPA 8260B	6/20/06	102	100	1.92	70-130	25
Toluene	50656-03	<0.50	40.0	40.0	40.4	40.2	ug/L	EPA 8260B	6/20/06	101	100	0.541	70-130	25
Tert-Butanol	50656-03	<5.0	200	200	209	204	ug/L	EPA 8260B	6/20/06	104	102	2.23	70-130	25
Methyl-t-Butyl Ether	50656-03	<0.50	40.0	40.0	42.9	42.9	ug/L	EPA 8260B	6/20/06	107	107	0.165	70-130	25
Benzene	50634-03	15	40.0	40.0	58.1	56.6	ug/L	EPA 8260B	6/20/06	108	105	3.32	70-130	25
Toluene	50634-03	0.95	40.0	40.0	43.0	42.8	ug/L	EPA 8260B	6/20/06	105	105	0.531	70-130	25
Tert-Butanol	50634-03	<5.0	200	200	201	199	ug/L	EPA 8260B	6/20/06	101	99.7	1.02	70-130	25
Methyl-t-Butyl Ether	50634-03	34	40.0	40.0	76.6	79.2	ug/L	EPA 8260B	6/20/06	107	113	5.96	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50642

QC Report : Matrix Spike/ Matrix Spike Duplicate

Date : 6/26/2006

Project Name : **PICO**

Project Number : **NC-24**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene	50655-02	790	40.0	40.0	794	755	ug/L	EPA 8260B	6/20/06	0.00	0.00	0.00	70-130	25
Toluene	50655-02	69	40.0	40.0	107	105	ug/L	EPA 8260B	6/20/06	95.3	91.5	4.06	70-130	25
Tert-Butanol	50655-02	48	200	200	240	242	ug/L	EPA 8260B	6/20/06	95.9	97.2	1.31	70-130	25
Methyl-t-Butyl Ether	50655-02	330	40.0	40.0	368	338	ug/L	EPA 8260B	6/20/06	83.8	9.79	158	70-130	25
Benzene	50634-04	2.7	40.0	40.0	45.6	40.4	ug/L	EPA 8260B	6/20/06	107	94.2	13.0	70-130	25
Toluene	50634-04	3.1	40.0	40.0	45.0	40.3	ug/L	EPA 8260B	6/20/06	105	92.9	12.0	70-130	25
Tert-Butanol	50634-04	<5.0	200	200	204	186	ug/L	EPA 8260B	6/20/06	102	92.8	9.58	70-130	25
Methyl-t-Butyl Ether	50634-04	32	40.0	40.0	75.7	69.4	ug/L	EPA 8260B	6/20/06	110	94.3	15.2	70-130	25

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50642

QC Report : Laboratory Control Sample (LCS)

Date : 6/26/2006

Project Name : **PICO**

Project Number : **NC-24**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	6/20/06	95.8	70-130
Toluene	40.0	ug/L	EPA 8260B	6/20/06	91.1	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/20/06	89.3	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/20/06	94.4	70-130
Benzene	40.0	ug/L	EPA 8260B	6/20/06	102	70-130
Toluene	40.0	ug/L	EPA 8260B	6/20/06	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/20/06	100	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/20/06	93.9	70-130
Benzene	40.0	ug/L	EPA 8260B	6/20/06	103	70-130
Toluene	40.0	ug/L	EPA 8260B	6/20/06	105	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/20/06	104	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/20/06	109	70-130
Benzene	40.0	ug/L	EPA 8260B	6/20/06	98.5	70-130
Toluene	40.0	ug/L	EPA 8260B	6/20/06	97.8	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/20/06	95.4	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/20/06	109	70-130
Benzene	40.0	ug/L	EPA 8260B	6/20/06	99.8	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Report Number : 50642

Date : 6/26/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **PICO**

Project Number : **NC-24**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Toluene	40.0	ug/L	EPA 8260B	6/20/06	99.4	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/20/06	97.7	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/20/06	102	70-130
Benzene	40.0	ug/L	EPA 8260B	6/20/06	106	70-130
Toluene	40.0	ug/L	EPA 8260B	6/20/06	102	70-130
Tert-Butanol	200	ug/L	EPA 8260B	6/20/06	96.9	70-130
Methyl-t-Butyl Ether	40.0	ug/L	EPA 8260B	6/20/06	106	70-130

Approved By: Joel Kiff

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

KIFF Analytical LLC

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Davis, CA 95616
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 50642

Page 1 of 1

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): Andrew LoCicero

California EDF Report? ☒ Yes ☐ No

Company / Address: Blue Rock Env. Inc. 535 3rd St. Ste. 100 Eureka, CA

Sampling Company Log Code:

Phone #: (707)441-1934 Fax #: (707)441-1949

Global ID: T0602300491

Project #: NC-24 P.O. #:

EDF Deliverable To (Email Address): andrew@blue rockenv.com

Project Name: PICO

Sampler Signature: Jamie Lindemann

Project Address: 2160 Central Ave. McKinleyville, CA

Sample Designation	Sampling Date	Sampling Time	Container: 40 ml VOA	Sleeve	Poly	Glass	Tedlar		Preservative: HCl	HNO_3	None			Matrix: Water	Soil	Air		MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav.(1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M) Silica gel	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 6010)	W.E.T. Lead (STLC)				TAT: 12 hr / 24 hr / 48 hr / 72 hr / 1 wk	For Lab Use Only
MW-5	6/16/06	11:10	3						X					X					X	X	X														X	01
MW-6	↓	10:50	3						X					X					X	X	X														X	02
MW-7	↓	10:30	6						X					X					X	X	X							X							X	03
MW-8	↓	11:30	3						X					X					X	X	X														X	04
MW-12	↓	11:50	3						X					X					X	X	X														X	05

Relinquished by:	Date	Time	Received by:
Jamie Lindemann	6/16/06		Fed Ex
	061706	1101	Kiff Analytical

Remarks:

Bill to:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
4.4	AOG	061706	1053	IR-1	Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 051805

TABLES

Table 1
WELL CONSTRUCTION DATA
Former Central BP Station
2160 Central Ave
McKinleyville, California
Blue Rock Project No. NC-24

Well Identification	Date Intstalled	Intstalled by	Casing Diameter (inches)	Total Depth (feet)	Blank Interval (feet)	Screened Interval (feet)	Slot Size (inches)	Filter Pack (feet)	Bentonite Seal (feet)	Cement (feet)
MW-1	7/20/99	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-2	7/20/99	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-3	7/20/99	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-4	8/30/00	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-5	8/30/00	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-6	8/30/00	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-7	8/30/00	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-8	8/6/01	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-9	8/6/01	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-10	8/6/01	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-11	8/6/01	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
MW-12	8/6/01	Clearwater	2	25	0-5	5-25	0.02	4-25	3-4	0-3
VEW-1	9/24/03	Clearwater	2	20	0-5	5-20	0.02	4-20	3-4	0-3
VEW-2	9/24/03	Clearwater	2	20	0-5	5-20	0.02	4-20	3-4	0-3
VEW-3	9/24/03	Clearwater	2	20	0-5	5-20	0.02	4-20	3-4	0-3
VEW-4	9/24/03	Clearwater	2	20	0-5	5-20	0.02	4-20	3-4	0-3
VEW-5	9/24/03	Clearwater	2	20	0-5	5-20	0.02	4-20	3-4	0-3
SW-1	9/25/03	Clearwater	2	30	0-28	28-30	0.02	27-30	25.5 - 27	0-25.5
SW-2	9/25/03	Clearwater	2	30	0-28	28-30	0.02	27-30	25.5 - 27	0-25.5
SW-3	9/25/03	Clearwater	2	30	0-28	28-30	0.02	27-30	25.5 - 27	0-25.5
SW-4	9/25/03	Clearwater	2	30	0-28	28-30	0.02	27-30	25.5 - 27	0-25.5
SW-5	9/25/03	Clearwater	2	30	0-28	28-30	0.02	27-30	25.5 - 27	0-25.5
SW-6	9/25/03	Clearwater	2	30	0-28	28-30	0.02	27-30	25.5 - 27	0-25.5

Table 2
SOIL ANALYTICAL DATA
Former Central BP Station
2160 Central Ave., McKinleyville, CA

Sample ID	Sample Depth (feet bgs)	Sample Date	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	TAME (mg/kg)	ETBE (mg/kg)	TBA (mg/kg)	Methanol (mg/kg)	Ethanol (mg/kg)	Total Lead (mg/kg)
Tank Removal Samples (sample locations removed by overexcavation)																	
PIS-1	11	8/8/98	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
PIS-2	11	8/8/98	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
LS-3	11	8/8/98	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
LS-4	11	8/8/98	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
LS-5	11	8/8/98	--	--	3	<0.005	<0.005	<0.005	<0.005	0.075	--	--	--	--	--	--	--
LS-6	11	8/8/98	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
LS-7	11	8/8/98	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
SP-1	11	8/8/98	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
SP-2	11	8/8/98	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
BS-1	11	8/6/98	--	--	2,300	<0.50	7.0	38	240	<0.50	--	--	--	--	--	--	--
BS-2	11	8/6/98	--	--	160	<0.05	0.35	0.21	1.0	<0.05	<0.05	<0.05	<0.05	<0.05	--	--	--
BS-3	11	8/6/98	--	--	1,200	<0.20	1.5	9.8	54	<0.20	<0.20	<0.20	<0.20	<0.20	--	--	--
BS-4	11	8/6/98	--	--	130	<0.05	0.26	0.44	1.6	<0.05	---	---	---	---	--	--	--
BS-5	11	8/6/98	--	--	<1.0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--
Overexcavation Samples (Pre-SVE/AS Remediation)																	
SW-10	S. Side @ 6'	8/8/98	--	--	5,300	<0.0050	<0.0050	3.3	72	<0.050	--	--	--	--	--	--	--
SW-11	S. Side @ 14'	8/8/98	--	--	<1.0	<0.0050	<0.0050	2	9.5	<0.050	--	--	--	--	--	--	--
SW-12	W. Side @ 6'	8/8/98	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--
SW-13	W. Side @ 14'	8/8/98	--	--	220	0.14	<1.6	2	7.5	0.89	--	--	--	--	--	--	--
SW-14	N. Side @ 6'	8/8/98	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--
SW-15	N. Side @ 14'	8/8/98	--	--	<1.0	0.0071	0.0083	0.011	0.036	<0.050	--	--	--	--	--	--	--
SW-16	E. Side @ 6'	8/8/98	--	--	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	--	--	--	--	--	--	--
SW-17	E. Side @ 14'	8/8/98	--	--	120	0.13	1.3	1.8	8.6	<0.050	--	--	--	--	--	--	--
Site Investigation Samples (Pre-SVE/AS Remediation)																	
B-1	5.5-6	7/19/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--	--	--	--	--	--	--
B-1	10.5 - 11	7/19/99	<10	3.2	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--	--	--	--	--	--	--
B-1	15.5 - 16	7/19/99	<10	3.5	76	<.0025	0.75	0.76	4.1	<0.025	<0.10	<0.10	<0.10	<1.0	--	--	3.3
B-1	20.5 - 21	7/19/99	<10	<1.0	11	0.98	1.2	0.20	0.88	0.081	--	--	--	--	--	--	--
B-1	25.5 - 26	7/19/99	<10	<1.0	6.7	0.96	0.096	0.12	0.328	0.073	--	--	--	--	--	--	--
B-2	5.5 - 6	7/19/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--	--	--	--	--	--	--
B-2	10.5 - 11	7/19/99	<10	13	220	<0.005	<0.005	0.21	1.56	<0.05	--	--	--	--	--	--	--
B-2	15.5 - 16	7/19/99	11	18	3200	19	160	52	285	<0.5	<2.0	<2.0	<2.0	<20	--	--	3.6
B-2	20.5 - 21	7/19/99	<10	<1.0	11	1.1	1.2	0.11	0.53	0.068	--	--	--	--	--	--	--
B-2	23.5 - 24	7/19/99	<10	<1.0	6.0	0.58	0.8	0.07	0.33	0.051	--	--	--	--	--	--	--
B-3	10.5 - 11	7/19/99	<10	4.7	36	<0.005	<0.005	<0.005	<0.005	0.051	--	--	--	--	--	--	--
B-3	15.5 - 16	7/19/99	<10	<1.0	7.2	0.170	0.430	0.084	0.460	<0.005	<0.020	<0.020	<0.020	<0.2	--	--	2.2
B-3	20.5 - 21	7/19/99	<10	5.1	630	<2.4	<2.8	4.4	28.1	<1.0	--	--	--	--	--	--	--
B-3	23.5 - 24	7/19/99	<10	<1.0	44	1.9	1.7	0.58	2.58	0.16	--	--	--	--	--	--	--
B-4	10.5 - 11	7/19/99	<1.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.05	--	--	--	--	--	--	--
B-4	15.5 - 16	7/19/99	<1.0	<1.0	24	<0.005	0.011	0.063	0.208	<0.005	<0.020	<0.020	<0.020	<0.2	--	--	3.1
B-4	20.5 - 21	7/19/99	<1.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--
B-4	23.5 - 24	7/19/99	<1.0	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--
MW-1 (MS)	10	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--
MW-1 (MS)	15	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	<0.02	<0.02	<0.02	<0.2	--	--	4.4
MW-1 (MS)	20	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	0.0066	<0.005	<0.050	--	--	--	--	--	--	--
MW-1 (MS)	25	7/20/99	<10	1.2	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--
MW-2 (MS)	11	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--
MW-2 (MS)	15.5	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	0.0063	<0.02	<0.02	<0.02	<0.2	--	--	2.2
MW-2 (MS)	20	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--
MW-2 (MS)	25	7/20/99	<10	<1.0	<1.0	<0.005	0.0093	0.0076	0.0178	<0.050	--	--	--	--	--	--	--
MW-2 (MS)	6	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--

Table 2
SOIL ANALYTICAL DATA
Former Central BP Station
2160 Central Ave., McKinleyville, CA

Sample ID	Sample Depth (feet bgs)	Sample Date	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	TAME (mg/kg)	ETBE (mg/kg)	TBA (mg/kg)	Methanol (mg/kg)	Ethanol (mg/kg)	Total Lead (mg/kg)
Site Investigation Samples (Pre-SVE/AS Remediation)																	
MW-3 (MS)	10.5 - 11	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--
MW-3 (MS)	15.5 - 16	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	**0.011**	<0.02	<0.02	<0.02	<0.2	--	--	**2.4**
MW-3 (MS)	20.5 - 21	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--
MW-3 (MS)	25.5 - 26	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--
MW-3 (MS)	5.5 - 6	7/20/99	<10	<1.0	<1.0	<0.005	<0.005	<0.005	<0.005	<0.050	--	--	--	--	--	--	--
B-A	5	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-A	10	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-A	15	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-A	20	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-B	5	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-B	10	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-B	15	8/30/00	--	**1,430**	**4,990**	<0.075	**6.01**	**46.2**	**131**	<0.3	<0.075	<0.075	<0.075	<75	--	--	--
B-B	20	8/30/00	--	<10	**12,900**	**0.072**	**0.908**	**0.216**	**0.935**	**0.01**	<0.005	<0.005	<0.005	<5	--	--	--
B-C	5	8/30/00	--	<10	<0.06	<0.005	**0.014**	<0.005	**0.036**	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-C	10	8/30/00	--	<10	<0.06	<0.005	**0.007**	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-C	15	8/30/00	--	**179**	**770**	**0.66**	**3.99**	**1.29**	**45.2**	<0.025	<0.025	<0.025	<0.025	<25	--	--	--
B-C	20	8/30/00	--	<10	**0.133**	**0.124**	**0.366**	**0.07**	**0.349**	**0.013**	<0.005	<0.005	<0.005	<5	--	--	--
B-D (MW-7)	5	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-D (MW-7)	10	8/30/00	--	**376**	**380**	<0.025	<0.025	**1.2**	**5.99**	<0.025	<0.025	<0.025	<0.025	<25	--	--	--
B-D (MW-7)	15	8/30/00	--	**305**	**1,170**	**1.05**	**35.7**	**18.7**	**92.1**	<0.075	<0.075	<0.075	<0.075	<5	--	--	--
B-D (MW-7)	20	8/30/00	--	<10	**0.204**	**0.084**	**0.073**	**0.056**	**0.244**	**0.016**	<0.005	<0.005	<0.005	<5	--	--	--
B-E	5	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-E	10	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-E	15	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-E	20	8/30/00	--	<10	**0.096**	**0.006**	**0.01**	**0.047**	**0.068**	**0.012**	<0.005	<0.005	<0.005	<5	--	--	--
B-F	5	8/30/00	--	<10	**0.247**	<0.005	**0.025**	**0.019**	**0.131**	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-F	10	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-F	15	8/30/00	--	**17**	**106**	<0.005	**0.406**	**0.579**	**3.53**	<0.025	<0.025	<0.025	<0.025	<25	--	--	--
B-F	20	8/30/00	--	<10	**0.206**	**0.306**	**0.494**	**0.051**	**0.349**	**0.022**	<0.005	<0.005	<0.005	<5	--	--	--
B-G	5	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-G	10	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-G	15	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	**0.018**	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-G	20	8/30/00	--	<10	<0.06	<0.005	<0.005	**0.017**	**0.054**	<0.005	<0.005	**0.011**	<0.005	<5	--	--	--
B-H	5	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-H	10	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-H	15	8/30/00	--	<10	<0.06	**0.015**	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
B-H	20	8/30/00	--	<10	**0.22**	**0.185**	**0.067**	**0.07**	**0.376**	**0.302**	<0.005	**0.008**	**0.010**	<5	--	--	--
MW-4	5	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-4	10	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-4	15	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-4	20	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-5	5	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-5	10	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-5	15	8/30/00	--	<10	**0.114**	**0.024**	**0.142**	**0.073**	**0.185**	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-5	20	8/30/00	--	<10	**0.093**	**0.083**	**0.487**	**0.073**	**0.285**	**0.016**	<0.005	<0.005	<0.005	<5	--	--	--

Table 2
SOIL ANALYTICAL DATA
Former Central BP Station
2160 Central Ave., McKinleyville, CA

Sample ID	Sample Depth (feet bgs)	Sample Date	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	TAME (mg/kg)	ETBE (mg/kg)	TBA (mg/kg)	Methanol (mg/kg)	Ethanol (mg/kg)	Total Lead (mg/kg)
Site Investigation Samples (Pre-SVE/AS Remediation)																	
MW-6	5	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-6	10	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-6	15	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-6	20	8/30/00	--	<10	<0.06	<0.005	<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005	<5	--	--	--
MW-8	15	8/6/01	--	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	--
MW-8	20	8/6/01	--	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	--
MW-9	15	8/6/01	--	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	--
MW-9	20	8/6/01	--	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	--
MW-10	15	8/6/01	--	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	--
MW-10	20	8/6/01	--	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	--
MW-11	15	8/6/01	--	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	--
MW-11	20	8/6/01	--	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	--
MW-12	15	8/6/01	--	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	--
MW-12	20	8/6/01	--	<1	<1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.2	<0.01	--
VEW-1@10	10	9/24/03	--	**2.8**	**1.2**	**0.022**	**0.035**	**0.025**	**0.17**	**0.0069**	--	--	--	--	--	--	--
VEW-1@15	15	9/24/03	--	**650**	**5,300**	**9.9**	**230**	**130**	**690**	<1	--	--	--	--	--	--	--
VEW-1@20	20	9/24/03	--	**1.5**	**21**	**1.3**	**3.4**	**0.52**	**2.7**	**0.15**	--	--	--	--	--	--	--
VEW-2@10	10	9/24/03	--	**5.4**	**1.1**	<0.005	**0.036**	**0.026**	**0.14**	<0.005	--	--	--	--	--	--	--
VEW-2@15	15	9/24/03	--	**74**	**180**	<0.025	**0.1**	**2.5**	**9.4**	<0.025	--	--	--	--	--	--	--
VEW-2@20	20	9/24/03	--	**67**	**1,100**	**7.8**	**37**	**15**	**67**	**0.28**	--	--	--	--	--	--	--
VEW-3@10	10	9/24/03	--	**2.4**	<1	<0.005	<0.005	**0.0095**	**0.0068**	<0.005	--	--	--	--	--	--	--
VEW-3@15	15	9/24/03	--	**280**	**470**	**0.99**	**20**	**23**	**89**	<0.1	--	--	--	--	--	--	--
VEW-3@20	20	9/24/03	--	**2.6**	**2.7**	**0.027**	**0.28**	**0.059**	**0.25**	<0.005	--	--	--	--	--	--	--
VEW-4@10	10	9/24/03	--	**220**	**390**	<0.05	<0.05	**1.2**	**6.4**	<0.005	--	--	--	--	--	--	--
VEW-4@15	15	9/24/03	--	**1,500**	**10,000**	**11**	**290**	**180**	**780**	<5	--	--	--	--	--	--	--
VEW-4@20	20	9/24/03	--	**1.4**	**9.9**	**1**	**1.6**	**0.19**	**1**	**0.01**	--	--	--	--	--	--	--
VEW-5@15	15	9/24/03	--	**60**	**130**	<0.025	<0.025	**0.33**	**0.37**	<0.025	--	--	--	--	--	--	--
VEW-5@20	20	9/24/03	--	<1	**1.1**	**0.032**	**0.14**	**0.035**	**0.12**	<0.005	--	--	--	--	--	--	--
Post-SVE/AS Operation from 7/04 - 5/06																	
B-5	10	5/9/06	--	--	<1	<0.005	**0.012**	**0.011**	**0.046**	<0.005	--	--	--	--	--	--	--
B-5	15	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-5	20	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-5	25	5/9/06	--	--	<1	**0.0065**	**0.018**	**0.011**	**0.028**	<0.005	--	--	--	--	--	--	--
B-5	29	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-6	15	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-6	20	5/9/06	--	--	**510**	<0.025	**0.065**	**1.0**	**8.0**	<0.025	--	--	--	--	--	--	--
B-6	25	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-6	30	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-7	5	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-7	10	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-7	15	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-7	20	5/9/06	--	--	**3,100**	**2.4**	**94**	**28**	**220**	<0.40	--	--	--	--	--	--	--
B-7	25	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-7	30	5/9/06	--	--	<1	<0.005	**0.014**	<0.005	**0.010**	**0.0071**	--	--	--	--	--	--	--
B-8	10	5/9/06	--	--	<1	<0.005	<0.005	<0.005	**0.0086**	<0.005	--	--	--	--	--	--	--
B-8	15	5/9/06	--	--	**370**	<0.005	**0.080**	**0.24**	**9.4**	**0.015**	--	--	--	--	--	--	--
B-8	20	5/9/06	--	--	<1	**0.046**	<0.005	<0.005	<0.005	**0.010**	--	--	--	--	--	--	--
B-8	25	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	**0.021**	--	--	--	--	--	--	--
B-8	30	5/9/06	--	--	<1	**0.032**	<0.005	<0.005	<0.005	**0.20**	--	--	--	--	--	--	--

Table 2
SOIL ANALYTICAL DATA
Former Central BP Station
2160 Central Ave., McKinleyville, CA

Sample ID	Sample Depth (feet bgs)	Sample Date	TPHmo (mg/kg)	TPHd (mg/kg)	TPHg (mg/kg)	B (mg/kg)	T (mg/kg)	E (mg/kg)	X (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	TAME (mg/kg)	ETBE (mg/kg)	TBA (mg/kg)	Methanol (mg/kg)	Ethanol (mg/kg)	Total Lead (mg/kg)
Post-SVE/AS Operation from 9/04 - 5/06																	
B-9	10	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-9	15	5/9/06	--	--	**1,400**	**0.071**	**5.7**	**4.1**	**89**	<0.025	--	--	--	--	--	--	--
B-9	20	5/9/06	--	--	**3,200**	**0.30**	**11**	**19**	**140**	<0.015	--	--	--	--	--	--	--
B-9	25	5/9/06	--	--	<1	<0.005	**0.0067**	<0.005	**0.025**	<0.005	--	--	--	--	--	--	--
B-9	30	5/9/06	--	--	<1	<0.005	<0.005	<0.005	**0.0086**	**0.016**	--	--	--	--	--	--	--
B-10	10	5/9/06	--	--	<1	<0.005	<0.005	<0.005	<0.005	<0.005	--	--	--	--	--	--	--
B-10	15	5/9/06	--	--	**1,100**	<0.025	**0.11**	**1.4**	**8.4**	<0.025	--	--	--	--	--	--	--
B-10	20	5/9/06	--	--	**1,000**	<0.025	**1.6**	**8.8**	**59**	<0.025	--	--	--	--	--	--	--
B-10	25	5/9/06	--	--	**460**	**0.11**	**8.7**	**2.5**	**19**	<0.005	--	--	--	--	--	--	--
B-10	30	5/9/06	--	--	<1	<0.005	**0.012**	**0.011**	**0.046**	<0.005	--	--	--	--	--	--	--

Notes :
mg/kg = milligrams per kilogram
"--": Not analyzed, available, or applicable
TPHmo: Total Petroleum Hydrocarbons as Motor Oil by Method 3550/8015M
TPHd: Total Petroleum Hydrocarbons as Diesel by Method 3550/8015M
TPHg: Total Petroleum Hydrocarbons as Gasoline by Method 8260B
BTEX: Benzene, toluene, ethybenzene, xylenes by Method 8260B
MTBE: Methyl Tertiary Butyl Ether by Method 8260B
DIPE: Di-Isopropyl Ether by Method 8260B
TAME: Tertiary Amyl Methyl Ether by Method 8260B
ETBE: Ethyl Tertiary Butyl Ether by Method 8260B
TBA: Tertiary Butyl Alcohol by Method 8260B
Methanol: by Method 8260B
Ethanol: by Method 8260B
Total Lead: by EPA 200.9

Table 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW-1	7/28/99	149.69	14.52	135.17	<500	620	13,000	12	10	580	796	25	--	--	--	--	--	--
	10/25/99	149.69	17.42	132.27	<500	640	10,000	48	3.9	400	262	83	<2.5	110	<2.5	<50	--	--
Screen	1/18/00	149.69	14.32	135.37	<500	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<10	--	--
5'-25'	2/17/00	149.69	9.36	140.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/3/00	149.69	8.52	141.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/21/00	149.69	10.39	139.30	<170	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<1	<1	<10	--	--
	9/12/00	149.69	17.11	132.58	-	135	113	0.7	0.8	3.6	8.1	<2	<0.5	<0.5	<0.5	<500	--	--
	10/16/00	149.69	17.97	131.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/16/00	149.69	18.37	131.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/00	149.69	18.59	131.10	--	<50	148	2.9	<0.8	<0.8	<1.5	5.1	<1.3	<1.3	<1.3	<1.3	--	--
	1/22/01	149.69	18.46	131.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/16/01	149.69	17.78	131.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/01	149.69	16.78	132.91	-	100	885	<0.3	<0.5	<0.3	6.2	<2	<0.5	<0.5	<0.5	<0.5	--	--
	4/13/01	149.69	17.11	132.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/01	149.69	17.70	131.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/01	149.69	18.04	131.65	--	<250	930	1.7	0.85	20	1.9	0.67	<0.5	<0.5	<0.5	<5	--	--
	7/18/01	149.69	19.02	130.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/01	149.69	19.57	130.12	-	<100	170	<0.5	0.66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	10/10/01	149.69	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	149.69	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/27/01	149.69	15.81	133.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	149.69	13.31	136.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	149.69	12.46	137.23	--	<50	64	<0.5	<0.5	<0.5	3.1	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	3/14/02	149.69	9.79	139.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	149.69	10.27	139.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	149.69	12.12	137.57	--	<50	<50	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	7/23/02	148.28	16.61	131.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	148.28	17.01	131.27	--	<200	430	<0.5	<0.5	16	15	<0.5	<0.5	<0.5	<0.5	<5	<5	58
	11/18/02	148.28	dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/6/03	148.28	9.53	138.75	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	5/1/03	148.28	7.83	140.45	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	8/1/03	148.28	14.89	133.39	--	<200	1,200	0.63	5.4	1.8	61	<0.5	<0.5	<0.5	<0.5	<5	--	--
	11/10/03	148.28	19.25	129.03	--	64	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	2/4/04	148.28	10.01	138.27	--	71	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/28/04	148.28	15.04	133.24	--	<200	630	<0.5	1.2	15	22	<0.5	--	--	--	--	--	--
	9/8/04	148.28	17.87	130.41	--	<200	150	<0.5	<0.5	5.9	<0.5	<0.5	--	--	--	--	--	--
	12/2/04	148.28	19.19	129.09	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/27/05	148.28	14.04	134.24	--	<50	130	<0.5	<0.5	1.3	1.9	<0.5	--	--	--	--	--	--
	6/14/05	148.28	13.42	134.86	--	59	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/13/05	148.28	18.28	130.00	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/28/05	148.28	9.59	138.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/6/06	148.28	8.21	140.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	5/19/06	148.28	10.33	137.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	148.28	12.16	136.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW-2	7/28/99	149.24	14.11	135.13	<500	<50	<50	<0.5	<50	<0.5	<0.5	**40**	--	--	--	--	--	--
	10/25/99	149.24	16.77	132.47	<500	<50	<50	**1.4**	<0.5	<0.5	<0.5	**27**	<1	<1	<1	<10	--	--
Screen	1/18/00	149.24	9.89	139.35	<500	<50	<50	<0.5	<0.5	<0.5	<0.5	**1.0**	<1	<1	<1	<10	--	--
5'-25'	2/17/00	149.24	10.76	138.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/3/00	149.24	9.72	139.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/21/00	149.24	11.21	138.03	<170	<50	<50	<0.5	<0.5	<0.5	<0.5	**12**	<1	<1	<1	<10	--	--
	9/12/00	149.24	16.43	132.81	--	<50	<50	**0.9**	<0.3	<0.3	<0.6	**23.9**	<0.5	<0.5	<0.5	<500	--	--
	10/16/00	149.24	17.33	131.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/16/00	149.24	17.86	132.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/00	149.24	18.16	131.91	-	<50	<50	<0.3	<0.3	<0.3	<0.6	**14.3**	<0.5	<0.5	<0.5	<0.5	--	--
	1/22/01	149.24	18.19	131.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/16/01	149.24	17.74	131.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/01	149.24	17.04	132.20	--	<50	<50	<0.3	<0.3	<0.3	<0.6	**7.0**	<0.5	<0.5	<0.5	<0.5	--	--
	4/13/01	149.24	17.01	132.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/01	149.24	17.34	131.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/01	149.24	17.83	131.41	-	<50	<50	<0.5	<0.5	<0.5	<0.5	**13**	<0.5	<0.5	<0.5	<5	--	--
	7/18/01	149.24	18.65	130.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/01	149.24	19.14	130.10	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**13**	<0.5	<0.5	<0.5	<5	<5	<50
	10/10/01	149.24	19.92	129.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	149.24	20.55	128.69	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**19**	<0.5	<0.5	<0.5	<5	<5	<50
	12/27/01	149.24	17.89	131.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	149.24	15.86	133.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	149.24	14.51	134.73	--	<50	**820**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**8.1**	<5	<50
	3/14/02	149.24	11.34	137.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	149.24	11.49	137.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	149.24	12.69	136.55	--	<50	**1,200**	**8.9**	<0.5	<0.5	<0.5	**8.5**	<0.5	<0.5	<0.5	**6.9**	<5	<50
	7/23/02	148.06	15.81	132.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	148.06	16.15	131.91	--	<50	**1,000**	**13**	**0.7**	<0.5	**1.5**	**9.6**	<0.5	<0.5	<0.5	**8.4**	<20	<50
	11/18/02	148.06	18.96	129.10	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	<0.5	<5	<5	<50
	2/6/03	148.06	11.04	137.02	--	<50	**1,400**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<10	<50
	5/1/03	148.06	8.96	139.10	--	<50	**120**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<10	<50
	8/1/03	148.06	14.23	133.83	--	<50	**840**	**0.67**	<0.5	<0.5	<0.5	**0.73**	<0.5	<0.5	<0.5	<5	--	--
	11/10/03	148.06	18.47	129.59	--	<50	**370**	**9.2**	<0.5	<0.5	**5**	**0.53**	<0.5	<0.5	<0.5	<5	<5	<50
	2/4/04	148.06	11.34	136.72	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/28/04	148.06	14.69	133.37	--	<50	**66**	**3.0**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/8/04	148.06	17.13	130.93	--	<50	<50	**2.1**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/2/04	148.06	18.66	129.40	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/27/05	148.06	15.19	132.87	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/14/05	148.06	13.48	134.58	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/13/05	148.06	17.92	130.14	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/28/05	148.06	12.01	136.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/6/06	148.06	9.31	138.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	5/19/06	148.06	10.40	137.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	148.06	11.86	136.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW-3	7/28/99	148.62	13.40	135.22	<500	**53**	<50	<0.5	<0.5	<0.5	<0.5	**100**	--	--	--	--	--	--
	10/25/99	148.62	16.72	131.90	<500	<50	<50	<0.5	<0.5	<0.5	<0.5	**11**	<1	<1	<1	<10	--	--
Screen	1/18/00	148.62	13.78	134.84	<500	<50	<50	<0.5	<0.5	<0.5	<0.5	**4.9**	<1	<1	<1	<10	--	--
5'-25'	2/17/00	148.62	8.17	140.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/3/00	148.62	7.46	141.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/21/00	149.24	9.54	139.70	<170	<50	<50	<0.5	<0.5	<0.5	<0.5	**6.9**	<1	<1	<1	<10	--	--
	9/12/00	149.24	16.23	133.01	-	<50	**58**	<0.3	<0.3	<0.3	<0.6	**89.7**	<0.5	**9.4**	<0.5	<500	--	--
	10/16/00	149.24	17.13	132.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/16/00	149.24	17.52	131.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/14/00	149.24	17.67	131.57	--	<50	**68**	<0.3	<0.3	<0.3	<0.6	**62.3**	<0.5	**3.8**	<0.5	<0.5	--	--
	1/22/01	149.24	17.68	131.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/16/01	149.24	16.99	132.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/01	149.24	15.93	133.31	--	<50	<200	<1.2	<1.2	<1.2	**33.7**	**42.6**	<2	<2	**3.4**	<2	--	--
	4/13/01	149.24	16.19	133.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/01	149.24	16.63	132.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/01	149.24	17.16	132.08	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**73**	<0.5	**7.7**	<0.5	<5	--	--
	7/17/01	149.24	18.10	131.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/01	149.24	18.65	130.59	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**53**	<0.5	**3.7**	<0.5	<5	<5	<50
	10/10/01	149.24	19.48	129.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	149.24	20.06	129.18	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**69**	<0.5	**3.4**	<0.5	<5	<5	<100
	12/27/01	149.24	14.29	134.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	149.24	10.79	138.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	149.24	10.43	138.81	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**6.2**	<0.5	<0.5	<0.5	<5	<5	<50
	3/14/02	149.24	8.34	140.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	149.24	9.08	140.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	149.24	10.57	138.67	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**1.1**	<0.5	<0.5	<0.5	<5	<5	<50
	7/23/02	147.44	15.67	131.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	147.44	16.09	131.35	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**4.0**	<0.5	<0.5	<0.5	<5	<5	**95**
	11/18/02	147.44	18.77	128.67	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**10**	<0.5	<0.5	<0.5	<5	<5	**68**
	2/6/03	147.44	8.14	139.30	--	**62**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	5/1/03	147.44	6.56	140.88	--	**140**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	8/1/03	147.44	13.89	133.55	--	**81**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	--	--
	11/10/03	147.44	18.37	129.07	--	**89**	<50	<0.5	<0.5	<0.5	<0.5	**2.0**	<0.5	<0.5	<0.5	<5	<5	<50
	2/4/04	147.44	8.55	138.89	--	**82**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/28/04	147.44	14.15	133.29	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/8/04	147.44	16.93	130.51	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/2/04	147.44	18.31	129.13	--	<50	<50	<0.5	<0.5	<0.5	<0.5	**0.68**	--	--	--	--	--	--
	3/27/05	147.44	11.95	135.49	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/14/05	147.44	11.46	135.98	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/13/05	147.44	16.76	130.68	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/28/05	147.44	7.46	139.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/6/06	147.44	6.69	140.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	5/19/06	147.44	9.33	138.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	147.44	11.02	136.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW-4	9/12/00	149.92	17.56	132.36	--	<50	<50	<0.3	<0.3	<0.3	<0.6	<2	<0.5	<0.5	<0.5	<500	--	--
	10/16/00	149.92	18.41	131.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen	11/16/00	149.92	18.65	131.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5'-25'	12/14/00	149.92	18.88	131.04	--	<50	<50	<0.3	<0.3	<0.3	<0.6	<2	<0.5	<0.5	<0.5	<0.5	--	--
	1/22/01	149.92	18.65	131.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/16/01	149.92	17.82	132.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/01	149.92	16.52	133.40	--	<50	<50	<0.3	<0.3	<0.3	<0.6	<2	<0.5	<0.5	<0.5	<0.5	--	--
	4/13/01	149.92	17.14	132.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/01	149.92	17.70	132.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/01	149.92	18.23	131.69	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	--	--
	7/18/01	149.92	19.24	130.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/01	149.92	19.84	130.08	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	10/10/01	149.92	20.72	129.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	149.92	21.28	128.64	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	12/27/01	149.92	15.81	134.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	149.92	12.50	137.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	149.92	12.08	137.84	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	3/14/02	149.92	9.61	140.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	149.92	10.48	139.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	149.92	12.24	137.68	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	7/23/02	148.51	17.01	131.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	148.51	17.43	131.08	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	**11**	**100**
	11/18/02	148.51	20.01	128.50	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	2/6/03	148.51	9.33	139.18	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	5/1/03	148.51	7.67	140.84	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	8/1/03	148.51	15.18	133.33	--	**63**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	--	--
	11/10/03	148.51	19.62	128.89	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	2/4/04	148.51	9.86	138.65	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/28/04	148.51	15.21	133.30	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/8/04	148.51	18.25	130.26	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/2/04	148.51	19.48	129.03	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/27/05	148.51	13.29	135.22	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/14/05	148.51	12.73	135.78	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/13/05	148.51	18.11	130.40	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/28/05	148.51	8.63	139.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/6/06	148.51	7.86	140.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	5/19/06	148.51	10.65	137.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	148.51	12.23	136.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW-5	9/12/00	149.02	15.83	133.19	--	5,240	69,300	566	7,310	2,690	9,570	28.5	<0.5	<0.5	<0.5	<500	--	--
	10/16/00	149.02	16.92	132.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen	11/16/00	149.02	17.62	131.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5'-25'	12/14/00	149.02	17.93	131.09	--	7,050	40,400	324	2,260	1,280	4,730	25	<2.5	<2.5	<2.5	<2.5	--	--
	1/22/01	149.02	17.86	131.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/16/01	149.02	17.22	131.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/01	149.02	16.56	132.46	--	--	36,500	523	3,950	1,240	4,750	21.2	<0.5	<0.5	<0.5	<0.5	--	--
	4/13/01	149.02	16.54	132.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/01	149.02	16.81	132.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/01	149.02	17.28	131.74	--	<2,500	35,000	400	2,800	1,200	4,300	12	<10	<10	<10	<100	--	--
	7/18/01	149.02	18.33	130.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/01	149.02	18.93	130.09	--	<2,800	33,000	130	1,300	920	2,900	<5	<5	<5	<5	<50	<50	<500
	10/10/01	149.02	19.82	129.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	149.02	20.43	128.59	--	<2,100	30,000	630	2,700	1,000	3,300	25	<10	<10	<10	<100	<100	<1,000
	12/27/01	149.02	17.45	131.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	149.02	15.48	133.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	149.02	13.98	135.04	--	<2,900	72,000	2,300	14,000	2,100	8,100	<50	<50	<50	<50	<500	<500	<5,000
	3/14/02	149.02	10.67	138.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	149.02	10.85	138.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	149.02	12.10	136.92	--	<500	30,000	1,100	3,700	940	3,300	<5.0	<5.0	<.5.0	<5.0	<50	<50	<500
	7/23/02	147.64	15.37	132.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	147.64	15.73	131.91	--	<2,500	55,000	1,100	4,900	1,800	6,500	<20	<20	<20	<20	<200	<200	<2,000
	11/18/02	147.64	18.91	128.73	--	<3,500	26,000	220	450	930	1,900	33	<5	6.7	<5	<50	<50	<500
	2/6/03	147.64	10.32	137.32	--	<400	2,300	8.9	60	33	79	<0.5	<0.5	<0.5	<0.5	9.3	<20	<50
	5/1/03	147.64	8.27	139.37	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	8/1/03	147.64	13.81	133.83	--	<600	8,800	110	1,300	210	1,000	<0.5	<0.5	<0.5	<0.5	<5	--	--
	11/10/03	147.64	18.06	129.58	--	<3,300	24,000	170	200	540	1,000	<5	<5	<5	<5	<50	<50	<500
	2/4/04	147.64	10.86	136.78	--	<300	3,800	9.1	31	59	110	<1	--	--	--	--	--	--
	6/28/04	147.64	14.27	133.37	--	<1,000	13,000	270	600	440	1,600	<2.5	--	--	--	--	--	--
	9/8/04	147.64	16.16	131.48	--	<4,000	24,000	210	230	730	1,300	<5	--	--	--	--	--	--
	12/2/04	147.64	18.11	129.53	--	<2,000	37,000	1,900	5,100	1,400	3,500	17	--	--	--	--	--	--
	3/27/05	147.64	11.84	135.80	--	<800	6,600	680	1,600	180	480	11	--	--	--	--	--	--
	6/14/05	147.64	12.65	134.99	--	<300	4,100	250	550	160	520	6.5	--	--	--	--	--	--
	9/13/05	147.64	16.80	130.84	--	<50	700	16	17	19	48	2.2	--	--	--	--	--	--
	12/28/05	147.64	9.81	137.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/6/06	147.64	8.90	138.74	--	--	1,300	21	47	11	150	<0.5	--	--	--	--	--	--
	5/19/06	147.64	9.99	137.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	147.64	11.25	136.39	--	--	12,000	380	930	490	1,600	<0.5	--	--	--	--	--	--

Table 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW-6	9/12/00	149.82	17.28	132.54	--	759	2,310	20.5	28.5	177	58.7	13.8	<0.5	<0.5	<0.5	<500	--	--
	10/16/00	149.82	18.23	131.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen	11/16/00	149.82	18.56	131.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5'-25'	12/14/00	149.82	18.82	131.00	--	670	1,790	12.9	2.5	175	9.9	8.1	<0.5	<0.5	<0.5	<0.5	--	--
	1/22/01	149.82	18.73	131.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/16/01	149.82	18.03	131.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/01	149.82	17.09	132.73	-	1,880	8,150	11.9	9.4	458	173	2.6	<0.5	<0.5	<0.5	<0.5	--	--
	4/13/01	149.82	17.38	132.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/01	149.82	17.82	132.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/01	149.82	18.33	131.49	--	<1,200	4,400	3.6	1.2	180	20	1.9	<1	<1	<1	<10	--	--
	7/18/01	149.82	19.31	130.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/01	149.82	19.86	129.96	--	<600	1,900	7.8	<0.5	17	1.3	3.6	<0.5	0.86	<0.5	<5	<5	<50
	10/10/01	149.82	20.73	129.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	149.82	21.27	128.55	--	<400	2,100	23	2.9	28	0.68	9.4	<0.5	2.3	<0.5	<5	<5	<100
	12/27/01	149.82	17.36	132.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	149.82	14.93	134.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	149.82	13.93	135.89	--	<400	2,700	0.8	<0.5	55	40	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	3/14/02	149.82	11.27	138.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	149.82	11.62	138.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	149.82	12.98	136.84	--	<200	1,100	<0.05	<0.5	24	1.2	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	7/23/02	148.42	16.84	131.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	148.42	17.23	131.19	--	<500	2,600	1.8	<0.5	100	<0.5	<0.5	<0.5	<0.5	<0.5	7.1	<15	<50
	11/18/02	148.42	19.94	128.48	--	<200	370	1.7	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	<0.5	5.9	<5	<50
	2/6/03	148.42	10.78	137.64	--	<300	460	<0.5	<0.5	3.6	3.3	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	5/1/03	148.42	8.90	139.52	--	<150	130	<0.5	<0.5	2.6	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	8/1/03	148.42	15.11	133.31	--	<400	830	<0.5	<0.5	14	<0.5	<0.5	<0.5	<0.5	<0.5	<5	--	--
	11/10/03	148.42	19.44	128.98	--	<400	740	2.8	0.64	14	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	2/4/04	148.42	10.95	137.47	--	<200	260	<0.5	<0.5	<0.5	0.62	<0.5	--	--	--	--	--	--
	6/28/04	148.42	15.30	133.12	--	<100	180	<0.5	<0.5	2.6	<0.5	<0.5	--	--	--	--	--	--
	9/8/04	148.42	18.08	130.34	--	<400	430	0.7	<0.5	7.1	<0.5	<0.5	--	--	--	--	--	--
	12/2/04	148.42	19.43	128.99	--	<50	92	0.7	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/27/05	148.42	14.94	133.48	--	<100	150	<0.5	<0.5	1.6	2.0	<0.5	--	--	--	--	--	--
	6/14/05	148.42	14.26	134.16	--	<300	490	<0.5	<0.5	4.0	1.3	<0.5	--	--	--	--	--	--
	9/13/05	148.42	18.92	129.50	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/28/05	148.42	11.55	136.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/6/06	148.42	9.39	139.03	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	5/19/06	148.42	11.06	137.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	148.42	12.51	135.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--

Table 3
GROUNDWATER ELEVATION AND
ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW-7	9/12/00	149.53	16.26	133.27	--	6,380	324,000	18,300	46,100	7,650	33,200	<400	<0.5	<0.5	<0.5	<500	--	--
	10/16/00	149.53	17.44	132.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen	11/16/00	149.53	17.96	131.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5'-25'	12/14/00	149.53	18.27	131.26	--	2,910	87,200	12,100	28,800	3,220	14,090	81.3	<2.5	--	<2.5	2.5	--	--
	1/22/01	149.53	18.25	131.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/16/01	149.53	17.74	131.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/9/01	149.53	17.04	132.49	--	7,810	87,500	7,120	21,300	2,250	10,440	48.9	<0.5	<0.5	<0.5	<0.5	--	--
	4/13/01	149.53	17.12	132.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/01	149.53	17.40	132.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/1/01	149.53	17.89	131.64	--	<4,000	120,000	9,900	26,000	3,100	13,000	60	<50	<50	<50	<500	--	--
	7/18/01	149.53	18.72	130.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/17/01	149.53	19.23	130.30	--	<3,000	86,000	8,000	15,000	3,300	12,000	67	<50	<50	<50	<500	<500	<5,000
	10/10/01	149.53	19.89	129.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	149.53	20.64	128.89	--	<6,500	88,000	5,900	14,000	2,800	11,000	<50	<50	<50	<50	<500	<500	<5,000
	12/27/01	149.53	17.74	131.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	149.53	15.71	133.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	149.53	14.44	135.09	--	<10,200	110,000	960	12,000	3,600	16,000	<50	<50	<50	<50	<500	<500	<5,000
	3/14/02	149.53	10.88	138.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	149.53	11.18	138.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	149.53	12.49	137.04	--	<9,400	180,000	1,200	13,000	4,100	18,000	<25	<25	<25	<25	<250	<250	<2,500
	7/23/02	148.09	15.73	132.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	148.09	16.06	132.03	--	<4,500	130,000	1,200	15,000	3,900	16,000	<50	<50	<50	<50	<500	<500	<5,000
	11/18/02	148.09	19.12	128.97	--	<7,000	110,000	2,900	21,000	3,300	13,000	<100	<100	<100	<100	<1,000	<1,000	<10,000
	2/6/03	148.09	10.64	137.45	--	<26,000	78,000	200	3,100	3,600	13,000	<20	<20	<20	<20	<200	<200	<2,000
	5/1/03	148.09	8.57	139.52	--	<6,700	41,000	23	400	1,700	6,600	<0.5	<0.5	<0.5	<0.5	<5	8.7	<50
	8/1/03	148.09	14.18	133.91	--	<25,000	89,000	340	4,700	4,300	18,000	<25	<25	<25	<25	<250	--	--
	11/10/03	148.09	18.53	129.56	--	<6,700	77,000	630	5,500	1,900	8,400	<25	<25	<25	<25	<250	<250	<2,500
	2/4/04	148.09	11.05	137.04	--	<8,000	62,000	110	1,900	2,700	11,000	<10	--	--	--	--	--	--
	6/28/04	148.09	14.58	133.51	--	<8,000	77,000	200	3,100	2,700	11,000	<20	--	--	--	--	--	--
	9/8/04	148.09	17.04	131.05	--	<10,000	64,000	320	2,400	2,600	11,000	<25	--	--	--	--	--	--
	12/2/04	148.09	18.64	129.45	--	<10,000	44,000	430	1,100	1,600	5,900	<10	--	--	--	--	--	--
	3/27/05	148.09	15.24	132.85	--	<10,000	18,000	180	460	390	2,400	<4	--	--	--	--	--	--
	6/14/05	148.09	13.99	134.10	--	<3,000	16,000	200	1,400	220	2,400	<4	--	--	--	--	--	--
	9/13/05	148.09	21.31	126.78	--	<50	11,000	230	30	300	920	<2	--	--	--	--	--	--
	12/28/05	148.09	11.73	136.36	--	<600	11,000	51	500	240	2,300	<4	--	--	--	--	--	--
	3/6/06	148.09	9.54	138.55	--	<600	6,500	16	72	120	1,200	<1	--	--	--	--	--	--
	5/19/06	148.09	10.40	137.69	--	<600	9,800	26	42	220	1,400	<1.5	--	--	--	--	--	--
	6/16/06	148.09	11.74	136.35	--	<600	12,000	43	58	310	1,600	<1.0	--	--	--	--	--	--

Table 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW-8	8/17/01	148.75	18.58	130.17	--	<200	540	82	<0.5	1.4	3.8	23	<0.5	<0.5	<0.5	7.8	<5	<50
	10/10/01	148.75	19.36	129.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen	11/19/01	148.75	19.99	128.76	--	<120	870	19	<0.5	11	<0.5	160	<0.5	2.2	4.6	15	<5	<50
5'-25'	12/27/01	148.75	17.42	131.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	148.75	14.77	133.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	148.75	13.48	135.27	--	<300	1,200	30	<0.5	<0.5	1.3	290	<0.5	4.9	4.3	32	<12	<650
	3/14/02	148.75	10.77	137.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	148.75	10.95	137.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	148.75	12.17	136.58	--	<100	1,400	110	0.51	<0.5	1.5	19	<0.5	<0.5	<0.5	9.6	<5	<50
	7/23/02	147.49	15.52	131.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	147.49	15.90	131.59	--	<200	780	90	<0.5	<0.5	0.96	40	<0.5	0.60	0.55	12	<5	<75
	11/18/02	147.49	18.53	128.96	--	100	380	46	<0.5	1.1	<0.5	89	<0.5	1.10	<0.5	16	<5	<50
	2/6/03	147.49	10.32	137.17	--	<50	210	10	<0.5	<0.5	<0.5	24	<0.5	<0.5	<0.5	12	<5	<50
	5/1/03	147.49	8.40	139.09	--	<50	150	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	8/1/03	147.49	13.92	133.57	--	120	650	73	<0.5	<0.5	1.2	12	<0.5	<0.5	<0.5	28	--	--
	11/10/03	147.49	18.16	129.33	--	87	88	4	<0.5	<0.5	<0.5	78	<0.5	0.93	1.3	8.9	<5	<50
	2/4/04	147.49	10.78	136.71	--	<50	120	1.2	<0.5	<0.5	<0.5	4.2	--	--	--	--	--	--
	6/28/04	147.49	14.23	133.26	--	<50	160	22	<0.5	<0.5	0.91	9.6	--	--	--	--	--	--
	9/8/04	147.49	16.77	130.72	--	<50	52	15	<0.5	<0.5	<0.5	27	--	--	--	--	--	--
	12/2/04	147.49	18.17	129.32	--	<50	380	39	<0.5	11	<0.5	41	--	--	--	--	--	--
	3/27/05	147.49	14.97	132.52	--	<50	<50	<0.5	<0.5	<0.5	<0.5	0.85	--	--	--	--	--	--
	6/14/05	147.70	12.65	135.05	--	52	<50	<0.5	<0.5	<0.5	<0.5	0.68	--	--	--	--	--	--
	9/13/05	147.70	16.94	130.76	--	<50	<50	<0.5	<0.5	<0.5	<0.5	4.0	--	--	--	--	--	--
	12/28/05	147.70	11.56	136.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/6/06	147.70	9.08	138.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	5/19/06	147.70	10.20	137.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	147.70	11.64	136.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-9	8/17/01	148.19	17.41	130.78	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<50
	10/10/01	148.19	18.09	130.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen	11/19/01	148.19	18.66	129.53	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
5'-25'	12/27/01	148.19	16.10	132.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	148.19	14.09	134.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	148.19	12.88	135.31	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	3/14/02	148.19	9.91	138.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	148.19	10.05	138.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	148.19	11.27	136.92	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	7/23/02	147.00	14.27	132.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	147.00	14.64	132.36	--	67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	11/18/02	147.00	17.32	129.68	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	7.7	<50
	2/6/03	147.00	9.68	137.32	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	5/1/03	147.00	7.78	139.22	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	8/1/03	147.00	12.76	134.24	--	74	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	--	--
	11/10/03	147.00	16.95	130.05	--	72	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	2/4/04	147.00	10.16	136.84	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/28/04	147.00	13.11	133.89	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/8/04	147.00	15.47	131.53	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/2/04	147.00	17.02	129.98	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/27/05	147.00	13.23	133.77	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/14/05	147.00	11.61	135.39	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/13/05	147.00	14.73	132.27	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/28/05	147.00	8.66	138.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/6/06	147.00	7.47	139.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	5/19/06	147.00	8.63	138.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	147.00	10.17	136.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW-10	8/17/01	148.36	18.23	130.13	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<50
	10/10/01	148.36	19.14	129.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen	11/19/01	148.36	19.78	128.58	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
5'-25'	12/27/01	148.36	17.53	130.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	148.36	15.73	132.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	148.36	14.23	134.13	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	3/14/02	148.36	11.24	137.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	148.36	10.84	137.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	148.36	11.74	136.62	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	7/23/02	147.17	14.81	132.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	147.17	15.21	131.96	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	11/18/02	147.17	18.16	129.01	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	2/6/03	147.17	10.99	136.18	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	5/1/03	147.17	8.33	138.84	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	8/1/03	147.17	12.59	134.58	--	**86**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	--	--
	11/10/03	147.17	17.55	129.62	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	2/4/04	147.17	11.07	136.10	--	**96**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/28/04	147.17	13.23	133.94	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/8/04	147.17	16.07	131.10	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/2/04	147.17	17.77	129.40	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/27/05	147.17	14.17	133.00	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/14/05	147.17	12.43	134.74	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/13/05	147.17	16.18	130.99	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/28/05	147.17	12.46	134.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/6/06	147.17	8.16	139.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	5/19/06	147.17	8.99	138.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	147.17	10.26	136.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/17/01	147.99	18.28	129.71	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<0.5	<50
	10/10/01	147.99	19.21	128.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen	11/19/01	147.99	19.83	128.16	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
5'-25'	12/27/01	147.99	17.49	130.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	147.99	15.45	132.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	147.99	14.07	133.92	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	3/14/02	147.99	11.71	136.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	147.99	11.19	136.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	147.99	11.80	136.19	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	7/23/02	146.79	14.91	131.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	146.79	15.39	131.40	--	**58**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	11/18/02	146.79	18.31	128.48	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	2/6/03	146.79	11.65	135.14	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	5/1/03	146.79	8.80	137.99	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	8/1/03	146.79	12.59	134.20	--	**79**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	--	--
	11/10/03	146.79	17.71	129.08	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	2/4/04	146.79	11.64	135.15	--	**95**	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/28/04	146.79	13.18	133.61	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/8/04	146.79	16.26	130.53	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/2/04	146.79	17.90	128.89	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/27/05	146.79	14.45	132.34	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	6/14/05	146.79	12.54	134.25	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	9/13/05	146.79	16.07	130.72	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	12/28/05	146.79	13.03	133.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/6/06	146.79	8.66	138.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	5/19/06	146.79	9.43	137.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	146.79	10.54	136.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
MW-12	8/17/01	147.93	18.31	129.62	--	<300	590	19	<0.5	<0.5	<0.5	19	<0.5	0.97	<0.5	38	<5	63
	10/10/01	147.93	19.20	128.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Screen	11/19/01	147.93	19.77	128.16	--	<150	280	7.9	<0.5	<0.5	<0.5	20	<0.5	1.3	<0.5	25	<5	<50
5'-25'	12/27/01	147.93	16.99	130.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/14/02	147.93	14.62	133.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/02	147.93	13.29	134.64	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	3/14/02	147.93	10.51	137.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/4/02	147.93	10.63	137.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/7/02	147.93	11.80	136.13	--	<100	600	22	<0.5	2.2	<0.5	0.92	<0.5	<0.5	<0.5	<5	<5	<50
	7/23/02	146.74	15.16	131.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/5/02	146.74	15.55	131.19	--	<200	1,000	49	0.71	37	20	3.7	<0.5	<0.5	<0.5	6.8	<5	<100
	11/18/02	146.74	18.36	128.38	--	<50	99	1	<0.5	<0.5	1.2	7.2	<0.5	0.59	<0.5	10	<5	<50
	2/6/03	146.74	10.19	136.55	--	<200	560	10	<0.5	4.8	<0.5	<1	<0.5	<0.5	<0.5	<5	<5	<50
	5/1/03	146.74	8.17	138.57	--	<100	270	9.3	<0.5	0.64	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<5	<50
	8/1/03	146.74	13.52	133.22	--	<300	770	28	<0.5	16	<0.5	1.1	<0.5	<0.5	<0.5	<5	--	--
	11/10/03	146.74	17.80	128.94	--	<200	600	12	<0.5	0.57	<0.5	0.69	<0.5	<0.5	<0.5	<5	<5	<50
	2/4/04	146.74	10.55	136.19	--	140	240	7.2	<0.5	4.3	<0.5	<0.5	--	--	--	--	--	--
	6/28/04	146.74	13.83	132.91	--	<200	670	7.4	<0.5	20	<0.5	<0.5	--	--	--	--	--	--
	9/8/04	146.74	16.37	130.37	--	<300	970	23	<0.5	27	<0.5	0.52	--	--	--	--	--	--
	12/2/04	146.74	17.91	128.83	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
	3/27/05	146.74	13.70	133.04	--	<200	740	10	<0.5	41	0.61	<0.5	--	--	--	--	--	--
	6/14/05	146.74	12.55	134.19	--	<50	330	2.8	<0.5	7.7	<0.5	<0.5	--	--	--	--	--	--
	9/13/05	146.74	16.64	130.10	--	<50	300	12	<0.5	1.7	<0.5	<0.5	--	--	--	--	--	--
	12/28/05	146.74	11.55	135.19	--	--	370	3.0	1.9	3.6	17	<0.5	--	--	--	--	--	--
	3/6/06	146.74	8.66	138.08	--	--	710	1.5	5.7	1.3	70	<0.5	--	--	--	--	--	--
	5/19/06	146.74	9.78	136.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/16/06	146.74	11.08	135.66	--	--	210	2.3	<0.5	1.5	23	<0.5	--	--	--	--	--	--

Table 3
GROUNDWATER ELEVATION AND ANALYTICAL RESULTS
Former Central BP Station
2160 Central Ave., McKinleyville, CA
Project No. NC-24

Well No.	Sampling Date	TOC (feet)	DTW (feet)	GWE (feet)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	DIPE (µg/L)	TAME (µg/L)	ETBE (µg/L)	TBA (µg/L)	Ethanol (µg/L)	Methanol (µg/L)
Historical Grab Groundwater Samples																		
B-1-GW	7/20/99	--	-16	--	<500	1,100	170,000	4,600	15,000	3,700	49,000	<250	<500	<500	<500	<5000	--	--
B-2-GW	7/20/99	--	-15.5	--	<5000	14,000	590,000	22,000	46,000	8,700	46,000	280	<500	<500	<500	<5000	--	--
B-3-GW	7/20/99	--	-15.5	--	<500	3,200	360,000	16,000	44,000	5,500	29,700	450	<500	<500	<500	<5000	--	--
B-4-GW	7/20/99	--	-14.5	--	<500	960	61,000	2,100	1,100	1,100	3,900	150	<50	<50	<50	<500	--	--
B-A	8/30/00	--	-15	--	-	<50	146	0.7	0.5	4.2	1.6	<2.0	<0.5	<0.5	<0.5	<500	--	--
B-B	8/30/00	--	-15	--	-	35,000	25,800	1,760	19,400	5,870	22,500	<2000	<500	<500	<500	<500,00	--	--
B-C	8/30/00	--	-15	--	-	26,000	931,000	1,010	21,100	7,490	29,800	<2000	<50	<50	<50	<50,000	--	--
B-E	8/30/00	--	-15	--	-	1,740	11,500	23.3	8	190	170	127	<0.5	<0.5	<0.5	<500	--	--
B-F	8/30/00	--	-15	--	-	957	31,500	37,800	62,200	37,800	15,300	274	<0.5	<0.5	<0.5	<500	--	--
B-G	8/30/00	--	-15	--	-	754	3,780	13.7	172	328	22	681	<0.5	118	<0.5	<500	--	--
B-H	8/30/00	--	-15	--	-	1,120	43,300	11,700	10,400	2,700	8,270	2,130	<0.5	<5.0	36	<500	--	--
				MCL	--	--	--	1	150	300	1,750	5						
				taste & odor threshold	--	100	5	--	42	29	17	5						
				NCRWQCB Cleanup Goals	--	100	<50	0.50	42	29	17	5						

Notes :
New well survey per geotracker perfromed in July 2002 (NGS(PID#LV1170) Aluminum Cap HPGNDCA0109 (Vista Point, Hwy 101)
DTW data for the 9/13/05 sampling event was collected on 9/14/05 following redevelopment and sampling of MW-7 (all wells except MW-7 sampled on 9/13/05)
TOC: Top of casing referenced to benchmark at (NGS(PID#LV1170) Vista Point, Hwy 101 .
DTW: Depth to water as referenced to benchmark.
GWE: Ground water elevation as referenced to benchmark
µg/L=micrograms per liter
"--": Not analyzed, available, and / or applicable
MCL: Maximum contaminant level, an enforceable drinking water standard
Taste & odor threshold: A drinking water standard
NCRWQCB: North Coast Regional Water Quality Control Board
TPHg: Total petroleum hydrocarbons as gasoline by EPA Method 8260B
TPHmo: Total petroleum hydrocarbons as motor oil by EPA Method 3550/8015M
TPHd: Total petroleum hydrocarbons as diesel by EPA Method 3550/8015M
BTEX: Benzene, toluene, ethylbenzene, xylenes by EPA Method 8020 or 8260B
MTBE: Methyl tertiary butyl ether by EPA Method 8260B
DIPE: Di-isopropyl ether by EPA Method 8260B
TAME: Tertiary amyl methyl ether by EPA Method 8260B
ETBE: Ethyl tertiary butyl ether by Method 8260B
TBA: Tertiary butyl alcohol by EPA Method 8260B

Table 4
SVE Air Sample Analytical Results
ATC Permit #: NAC - 380
Former Central BP
2160 Central Ave., McKinleyville, CA
Blue Rock Project No. NC-24

Sample I.D.	Sample Date	TPHg (mg/m3)	B (mg/m3)	T (mg/m3)	E (mg/m3)	X (mg/m3)	MTBE (mg/m3)
Inf 7/6/04 (all wells)	7/6/04	4,600	14	75	36	140	<0.5
Influent (all wells)	7/7/04	2,700	6.3	56	34	140	<0.8
VEW-1 Inf	7/8/04	3,500	42	330	82	340	1.6
VEW-2 Inf	7/8/04	2,500	5.3	90	41	190	<0.5
VEW-3 Inf	7/8/04	4,400	4.8	37	34	120	<0.5
VEW-4 Inf	7/8/04	2,200	1.5	13	27	92	<0.25
VEW-5 Inf	7/8/04	860	0.39	5	14	56	<0.2
VEW-6 Inf	7/8/04	98	<0.2	<0.2	<0.2	<0.2	<0.2
Inf 7/8/04 (all wells)	7/8/04	1,500	3.4	36	23	98	<0.25
Influent (all wells)	7/9/04	1,300	<0.4	1.1	12	47	<0.4
Influent 7/15/04	7/15/04	930	0.27	0.97	8.4	31	<0.2
Influent 7/22/04	7/22/04	970	0.3	0.94	8.1	29	<0.2
Influent 7/29/04	7/29/04	1,200	2.6	22	12	54	<0.2
Influent 8/26/04	8/26/04	3,000	5.8	32	17	95	<0.2
Influent 9/22/04	9/22/04	2,300	3.5	26	19	83	<0.6
Influent 10/14/04	10/14/04	2,700	5.8	47	27	110	<0.5
Influent 11/17/04	11/17/04	6,900	12	86	37	120	<0.5
Influent 12/21/04	12/21/04	4,200	29	120	27	94	<0.5
Influent 1/17/05	1/17/05	280	0.38	3	2.3	11	<0.2
Influent 2/7/05	2/7/05	1,600	6.70	52	14	54	<0.2
Influent 3/17/05	3/17/05	400	1.5	9.6	2.2	9.8	<0.2
Influent 3/18/05	3/18/05	1,000	3.8	26	6.7	28	<0.2
Influent 3/21/05	3/21/05	1,000	3.8	31	6.8	34	<0.2
Influent 3/22/05	3/22/05	1,500	5.4	32	7.1	34	<0.2
Influent 5/9/05	5/9/05	380	0.9	5	1.0	6	<0.2
Influent 6/9/05	6/9/05	990	3.6	20	4.0	18	<0.2
Influent 7/21/05	7/21/05	140	0.4	1.6	0.23	3.7	<0.2
Influent 8/30/05	8/30/05	1,200	7.0	37	3.4	26	<0.2
Influent 9/16/05	9/16/05	2,400	3.8	46	13	66	<0.2
Influent 10/27/05	10/26/05	2,100	6.1	62	14	91	<0.25
Influent 11/29/05	11/29/05	400	1.9	22	3.7	36	<0.2
Influent 12/20/05	12/20/05	440	0.4	7.0	1.10	26	<0.2
Influent 1/24/06	1/24/06	25	0.46	3.9	0.48	2.9	<0.2
Influent 2/24/06	2/24/06	360	3.0	29	5.7	41	<0.2
Influent 3/21/06	3/21/06	90	0.40	3.9	0.87	4.6	<0.2
Influent 5/1/06	5/1/06	<20	<0.2	<0.2	<0.2	<0.2	<0.2

Table 4
SVE Air Sample Analytical Results
ATC Permit #: NAC - 380
Former Central BP
2160 Central Ave., McKinleyville, CA
Blue Rock Project No. NC-24

Sample I.D.	Sample Date	TPHg (mg/m3)	B (mg/m3)	T (mg/m3)	E (mg/m3)	X (mg/m3)	MTBE (mg/m3)
Eff 7/6/04	7/6/04	23	<0.2	0.26	<0.2	<0.2	<0.2
Effluent	7/7/04	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent	7/8/04	260	0.24	4.70	6.4	27	<0.2
Effluent	7/9/04	43	<0.2	0.63	0.17	3.9	<0.2
Effluent 7/15/04	7/15/04	<20	<0.2	<0.2	0.24	1.3	<0.2
Effluent 7/22/04	7/22/04	<20	<0.2	<0.2	<0.2	0.65	<0.2
Effluent 7/29/04	7/29/04	<20	<0.2	<0.2	<0.2	0.45	<0.2
Effluent 8/26/04	8/26/04	<20	<0.2	0.35	<0.2	0.4	<0.2
Effluent 9/22/04	9/22/04	100	0.22	2.6	1.2	6.9	<0.2
Effluent 10/14/04	10/14/04	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 11/17/04	11/17/04	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 12/21/04	12/21/04	54	0.32	0.66	<0.2	0.22	<0.2
Effluent 1/17/05	1/17/05	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 2/7/05	2/7/05	28	0.31	<0.2	<0.2	<0.2	<0.2
Effluent 3/17/05	3/17/05	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 3/18/05	3/18/05	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 3/21/05	3/21/05	24	<0.2	0.46	<0.2	<0.2	<0.2
Effluent 3/22/05	3/22/05	27	<0.2	0.34	<0.2	<0.2	<0.2
Effluent 5/9/05	5/9/05	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 6/9/05	6/9/05	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 7/21/05	7/21/05	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 8/30/05	8/30/05	22	<0.2	0.43	<0.2	<0.2	<0.2
Effluent 9/16/05	9/16/05	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 10/27/05	10/26/05	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 11/29/05	11/29/05	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 12/20/05	12/20/05	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 1/24/06	1/24/06	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 2/24/06	2/24/06	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 3/21/06	3/21/06	<20	<0.2	<0.2	<0.2	<0.2	<0.2
Effluent 5/1/06	5/1/06	<20	<0.2	<0.2	<0.2	<0.2	<0.2

Notes:

SVE	Soil vapor extraction and treatment system - 250 cfm catalytic oxidizer (catox)
Influent	Air sample collected from catox influent
Effluent	Air sample collected from catox effluent
Ops Time	Catox cumulative site operational hours
mg/m3	Milligrams per cubic meter
<#.##	Compound not detected at or below the reported laboratory detection limit
TPHg	Total Petroluem Hydrocarbons as gasoline EPA Method 8260B
BTEX	Benzene, Toluene, Ethylbenzene, and Total Xylenes by EPA Method 8260B
MTBE	Methyl tert-Butyl Ether by EPA Method 8260B

Table 5
SVE Operational Data
ATC Permit #: NAC - 380
Former Central BP
2160 Central Ave., McKinleyville, CA
Blue Rock Project No. NC-24

Sample Location	Sample Date	Total Ops Time (hr)	Period Ops Time (hr)	TPHg (mg/m3)	SVE Wells On	Manifold Vacuum (in. w.c.)	Flow (scfm)	TPHg Yield (lb/hr)	Average TPHg Yield (lb/hr)	Avergage TPHg Yield (lbs/day)	Period Yield (lb)	Cumulative Yield (lb)
Influent	7/6/04	3.50	3.50	4,600	VW-1, 2, 3, 4 ,5, 6	29.0	158	2.72	2.72	65.35	10	10
Influent	7/7/04	21.2	17.7	2,700	VW-1, 2, 3, 4 ,5, 6	30.0	194	1.96	2.34	56.22	41	51
Influent	7/8/04	47.0	25.8	1,500	VW- 2, 4 ,6	35.0	182	1.02	1.49	35.82	39	90
Influent	7/9/04	71.6	24.6	1,300	VW- 2, 4 ,6	35.0	178	0.87	0.94	22.67	23	113
Influent	7/15/04	217.0	145.4	930	VW- 2, 4 ,6	35.0	183	0.64	0.75	18.05	109	223
Influent	7/22/04	386.1	169.1	970	VW- 2, 4 ,6	35.0	237	0.86	0.75	17.99	127	349
Influent	7/29/04	553.0	166.9	1,200	VW-1, 2, 3, 4 ,5, 6	35.0	199	0.89	0.88	21.07	147	496
Influent	8/26/04	1,150.0	597.0	3,000	VW-1, 2, 3, 4 ,5, 6	35.0	150	1.69	1.29	30.96	770	1,266
Influent	9/22/04	1,793.0	643.0	2,300	VW-1, 2, 3, 4 ,5, 6	35.0	118	1.02	1.35	32.43	869	2,135
Influent	10/14/04	2,322.0	529.0	2,700	VW -1,4,6	35.0	257	2.60	1.81	43.39	956	3,091
Influent	11/17/04	3,000.0	678.0	6,900	VW -2,3,5	22.0	140	3.62	3.11	74.62	2108	5,199
Influent	12/21/04	3,430.0	430.0	4,200	VW- 3,4,6	15.0	180	2.83	3.23	77.41	1387	6,586
Influent	1/17/05	4,016.0	586.0	280	VW- 3,4,5,6	20.0	222	0.23	1.53	36.78	898	7,484
Influent	2/7/05	4,471.0	455.0	1,600	VW- 3,4,5,6	15.0	207	1.24	0.74	17.68	335	7,820
Influent	3/17/05	4,505.0	34.0	400	VW- 3,4,5,6	30.0	262	0.39	0.82	19.60	28	7,847
Influent	3/18/05	4,533.0	28.0	1,000	VW- 3,4,5,6	30.0	282	1.06	0.72	17.39	20	7,868
Influent	3/21/05	4,557.0	24.0	1,000	VW- 3,4,5,6	22.0	268	1.00	1.03	24.72	25	7,892
Influent	3/22/05	4,565.0	8.0	1,500	VW- 3,4,5,6	20.0	252	1.42	1.21	29.04	10	7,902
Influent	5/9/05	4,860.0	295.0	380	VW- 3,4,5,6	15.0	244	0.35	0.88	21.16	260	8,162
Influent	6/9/05	5,520.0	660.0	990	VW- 3,4,5,6	15.0	223	0.83	0.59	14.09	388	8,550
Influent	7/21/05	6,370.0	850.0	140	VW- 3,4,5,6	15.0	222	0.12	0.47	11.32	401	8,951
Influent	8/30/05	7,258.0	888.0	1,200	VW- 3,4,5,6	15.0	202	0.91	0.51	12.29	455	9,406
Influent	9/16/05	7,402.0	144.0	2,400	VW- 3,4,5,6	15.0	273	2.45	1.68	40.35	242	9,648
Influent	10/27/05	8,077.0	675.0	2,100	VW- 3,4,5,6	15.0	251	1.97	2.21	53.15	1495	11,143
Influent	11/29/05	8,867.0	790.0	400	VW- 3,4,5,6	15.0	235	0.35	1.16	27.92	919	12,062
Influent	12/20/05	9,271.0	404.0	440	VW- 3,4,5,6	15.0	208	0.34	0.35	8.34	140	12,202
Influent	1/24/06	9,663.0	392.0	25	VW- 3,4,5,6	15.0	263	0.02	0.18	4.41	72	12,274
Influent	2/24/06	10,239.0	576.0	360	VW- 3,4,5,6	10.0	235	0.32	0.17	4.10	98	12,372
Influent	3/21/06	10,786.0	547.0	90	VW-2, 3,4,5,6	20.0	296	0.10	0.21	5.00	114	12,486
Influent	5/1/06^	11,770.0	984.0	20	VW-2, 3,4,5,6	20.0	314	0.02	0.06	1.48	61	12,547
										Cumulative TPHg Recovery (pounds)	**12,547**	
										Cumulative TPHg Recovery (gallons)	**2,064**	

Notes:

SVE	Soil vapor extraction and treatment system - 250 cfm catalytic oxidizer (catox)
Influent	Air sample collected from thermox influent
Total Ops Time	thermox cumulative site operational hours
Period Ops Time	Operational period: number of system operating hours since last influent air sampling
TPHg	Total Petroluem Hydrocarbons as gasoline EPA Method 8260B
mg/m3	Milligrams per cubic meter
<###	Compound not detected at or below the reported laboratory detection limit
Vacuum	Vacuum applied to well manifold
in. w.c.	Inches water column
Flow	Process volumetric flow (Q) measured with a flow averaging pitot tube
scfm	Standard cubic feet per minute
lb	Pound
TPHg Yield	Approximate TPHg yield (lb/hr) based on influent analytical data and air flow (Q) for a given date Yield (lbs/hr) = Influent concentration (mg/m3) x Q (scfm) x (m3/35.31 ft3) x 60 min/hr x lb/453,592 mg Yield (lbs/day) = Yield (lbs/hr) x (24 hr/day)
Avg. TPHg Yield	Average hydrocarbon yield during a given operational period; based upon arithmetic average of TPHg yield at beginning and end of operational period.
Period Yield	The Period Ops Time (hr) x Average TPHg yield (lbs/hr) during that period. Note that this value is an approximation only, and may not account for daily fluctuations in yield.
Cumulative Recovery	Estimated total SVE system TPHg recovery since startup.
^	Assumes Influent TPHg concentration equals detection limit if non-detect, for sake of calculations

Table 6
SVE Catox System Influent/Effluent Data
ATC Permit #: NAC - 380
Former Central BP
2160 Central Ave., McKinleyville, CA
Blue Rock Project No. NC-24

	Sample Date	Ops Time (hr)	TPHg (mg/m3)	TPHg DE (%)	Flow (scfm)	Daily Emissions Rate TPHg (lb/day)
AQMD Permit Requirements:	monthly	NA	NA	NA	<250	219.12
Influent	7/6/04		4,600			
Effluent	7/6/04	3.50	23	99.5%	158	0.33
Influent	7/7/04		2,700			
Effluent	7/7/04	21	<20	>99.3%*	194	<0.35*
Influent	7/8/04		1,500			
Effluent	7/8/04	47	260	82.7%	182	4.25
Influent	7/9/04		1,300			
Effluent	7/9/04	72	43	96.7%	178	0.69
Influent	7/15/04		930			
Effluent	7/15/04	217	<20	>97.8%*	183	<0.33*
Influent	7/22/04		970			
Effluent	7/22/04	386	<20	>97.9%*	237	<0.43*
Influent	7/29/04		1,200			
Effluent	7/29/04	553	<20	>98.3%*	199	<0.36*
Influent	8/26/04		3,000			
Effluent	8/26/04	1,150	<20	>99.3%*	150	<0.27*
Influent	9/22/04		2,300			
Effluent	9/22/04	1,793	100	95.7%	118	1.06
Influent	10/14/04		2,700			
Effluent	10/14/04	2,322	<20	>99.3%*	257	<0.46*
Influent	11/17/04		6,900			
Effluent	11/17/04	3,000	<20	>99.7%*	140	<0.25*
Influent	12/21/04	3,430	4,200			
Effluent	12/21/04		<20	>99.5%*	180	<0.32*
Influent	1/17/05	4,016	280			
Effluent	1/17/05		<20	>92.9%*	222	<0.40*
Influent	2/7/05	4,471	1,600			
Effluent	2/7/05		28	98.3%	207	0.52
Influent	3/17/05	4,505	400			
Effluent	3/17/05		<20	>95.0%*	262	<0.47*
Influent	3/18/05	4,533	1,000			
Effluent	3/18/05		<20	>98.0%*	282	0.51
Influent	3/21/05	4,557	1,000			
Effluent	3/21/05		24	97.6%	268	<0.58
Influent	3/22/05	4,565	1,500			
Effluent	3/22/05		27	98.2%	252	0.61
Influent	5/9/05	4,860	380			
Effluent	5/9/05		<20	>94.7%*	244	<0.44*
Influent	6/9/05	5,520	990			
Effluent	6/9/05		<20	>98.0%*	223	<0.40*

Table 6
SVE Catox System Influent/Effluent Data
ATC Permit #: NAC - 380
Former Central BP
2160 Central Ave., McKinleyville, CA
Blue Rock Project No. NC-24

	Sample Date	Ops Time (hr)	TPHg (mg/m3)	TPHg DE (%)	Flow (scfm)	Daily Emissions Rate TPHg (lb/day)
AQMD Permit Requirements:	monthly	NA	NA	NA	<250	219.12
Influent	7/21/05	6,370	140			
Effluent	7/21/05		<20	>85.7%*	222	<0.40*
Influent	8/30/05	7,258	1,200			
Effluent	8/30/05		22	98.3%	202	0.40
Influent	9/16/05	7,402	2,400			
Effluent	9/16/05		<20	>99.2%*	273	<0.49*
Influent	10/27/05	8,077	2,100			
Effluent	10/27/05		<20	>99.0%*	251	<0.42*
Influent	11/29/05	8,867	400			
Effluent	11/29/05		<20	>95.0%*	235	<0.45*
Influent	12/20/05	9,271	440			
Effluent	12/20/05		<20	>95.0%*	208	<0.36*
Influent	1/24/06	9,663	25			
Effluent	1/24/06		<20	>20.0%*	263	<0.45*
Influent	2/24/06	10,239	360			
Effluent	2/24/06		<20	>94.0%*	235	<0.40*
Influent	3/21/06	10,786	90			
Effluent	3/21/06		<20	>77.0%*	296	<0.51*
Influent	5/1/06	11,770	20			
Effluent	5/1/06		<20	N/A	314	<0.54*
				Avg.TPHg DE (%)	Avg. Flow (cfm)	Avg. Daily Emissions TPHg (lb/day)
				>83.4%	221	<0.58

System Operations/Emissions In Compliance: YES

SVE	Soil vapor extraction and treatment system - 250 cfm catalytic oxidizer (catox)
Influent	Air sample collected from catox influent
Effluent	Air sample collected from catox effluent (exhaust)
Ops Time	catox cumulative site operational hours
TPHg	Total Petroluem Hydrocarbons as gasoline by EPA Method 8260B
mg/m3	Milligrams per cubic meter
<#.##	Compound not detected at or below the reported laboratory detection limit
Avg.	Average (averages based on monthly and startup data)
Flow	Process volumetric flow (Q) measured with a flow averaging pitot tube
scfm	Standard cubic feet per minute
lb	Pound
TPHg DE	TPHg (laboratory analyzed) destruction efficiency based on equation : TPHg DE = (influent concentration TPHg - effluent concentration TPHg)/influent concentration TPHg x 100
Emissions Rate	Analyte Emissions Rate (lb/day) based upon effluent analytical data and air flow volume (Q) for a given date Emiss. Rate = Effluent concentration (mg/m3) x Q (scfm) x (m3/35.31 ft3) x 1440 min/day x lb/453,592 mg Emiss. Rate = Effluent concentration (mg/m3) x Q (scfm) x 8.9908 E-5

* Indicates that detection limit of "non-detect" effluent sample was used as concentration value to calculate DE and emissions as most conservative, worst-case scenario.

Table 7
SVE Catox Emissions Calculations
ATC Permit # NAC - 380
Former Central BP
2160 Central Ave.
Mckinleyville, CA
Blue Rock Project No. NC - 24

Effluent Contaminant Concentrations

Sample ID	TPHg (mg/m^3)	TPHg (ppmv)	Benzene (mg/m^3)	Benzene (ppmv)	Toluene (mg/m^3)	Toluene (ppmv)	Ethlybenz. (mg/m^3)	Ethlybenz. (ppmv)	Xylenes (mg/m^3)	Xylenes (ppmv)	MTBE (mg/m^3)	MTBE (ppmv)
AQMD Limits		***3,569***		***0.138***		***2.4***		***2.74***		***11.61***		***0.069***
EFF 7/6/04	**23**	**5.4**	0.20	0.050	**0.26**	**0.063**	0.20	0.050	0.20	0.050	0.20	0.10
EFF 7/7/04	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 7/8/04	**260**	**61**	**0.24**	**0.068**	**4.70**	**1.15**	**6.4**	**1.4**	**27**	**5.8**	0.20	0.10
EFF 7/9/04	**43**	**10**	0.20	0.050	**0.63**	**0.15**	**0.79**	**0.17**	**3.9**	**0.82**	0.20	0.10
EFF 7/15/04	20	5.0	0.20	0.050	0.20	0.050	**0.24**	**0.051**	**1.3**	**0.28**	0.20	0.10
EFF 7/22/04	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	**0.65**	**0.14**	0.20	0.10
EFF 7/29/04	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	**0.45**	**0.095**	0.20	0.10
EFF 8/26/04	20	5.0	0.20	0.050	**0.35**	**0.084**	0.20	0.050	**0.40**	**0.10**	0.20	0.10
EFF 9/22/04	**100**	**24**	**0.22**	**0.063**	**2.60**	**0.64**	**1.2**	**0.24**	**6.9**	**1.5**	0.20	0.10
EFF 10/14/04	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 11/17/04	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 12/21/04	**54**	**13**	**0.32**	**0.093**	**0.66**	**0.16**	0.20	0.050	0.20	0.050	0.20	0.10
EFF 1/17/05	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 2/7/05	**28**	**6.5**	0.20	0.050	**0.31**	**0.075**	0.20	0.050	0.20	0.050	0.20	0.10
EFF 3/17/05	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 3/18/05	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 3/21/05	**24**	**6.2**	0.20	0.050	**0.46**	**0.12**	0.20	0.050	0.20	0.050	0.20	0.10
EFF 3/22/05	**27**	**6.8**	0.20	0.050	**0.34**	**0.090**	0.20	0.050	0.20	0.050	0.20	0.10
EFF 5/9/05	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 6/9/05	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 7/21/05	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 8/30/05	**22**	**5.5**	0.20	0.050	**0.43**	**0.11**	0.20	0.050	0.20	0.050	0.20	0.10
EFF 9/16/05	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 10/27/05	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 11/29/05	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 12/20/05	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 1/24/06	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 2/24/06	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 3/21/06	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
EFF 5/1/06	20	5.0	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.050	0.20	0.10
AQMD Compliance		**yes**		**yes**		**yes**		**yes**		**yes**		**yes**

Note: **Bold** values shown above are actual detected concentrations, whereas plain values shown above are detection limits of "non-detect" samples used for the sake of worst case scenario emissions calculations (actual concentrations are lower).

Table 7
SVE Catox Emissions Calculations
ATC Permit # NAC - 380
Former Central BP
2160 Central Ave.
Mckinleyville, CA
Blue Rock Project No. NC - 24

Emissions Calculation Variables

	A	B1	B2	B3	B4	B5	B6	C	D	E1	E2	E3	E4	E5	E6
	Q2	TPHg	Benzene	Toluene	Ethylbenz.	Xylenes	MTBE	conversion	conversion	TPHg (mw)	Benz (mw)	Toluene (mw)	Ethylben (mw	Xylenes (mw	MTBE (mw)
	(scfm)	ppmv/1,000,000						(min/day)	1/360	(lb/mol)	(lb/mol)	(lb/mol)	(lb/mol)	(lb/mol)	(lb/mol)
EFF 7/6/04	158	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 7/7/04	197	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 7/8/04	182	0.00006	0.0000001	0.0000011	0.00000136	0.00000580	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 7/9/04	178	0.00001	0.0000001	0.0000002	0.00000017	0.00000082	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 7/15/04	183	0.00001	0.0000001	0.0000001	0.00000005	0.00000028	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 7/22/04	237	0.00001	0.0000001	0.0000001	0.00000005	0.00000014	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 7/29/04	199	0.00001	0.0000001	0.0000001	0.00000005	0.00000009	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 8/26/04	150	0.00001	0.0000001	0.0000001	0.00000005	0.00000010	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 9/22/04	118	0.00002	0.0000001	0.0000006	0.00000024	0.00000153	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 10/14/04	257	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 11/17/04	140	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 12/21/04	180	0.00001	0.0000001	0.0000002	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 1/17/05	222	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 2/7/05	207	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 3/17/05	262	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 3/18/05	282	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 3/21/05	268	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 3/22/05	252	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 5/9/05	244	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 6/9/05	223	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 7/21/05	222	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 8/30/05	202	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 9/16/05	273	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 10/27/05	251	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 11/29/05	235	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 12/20/05	208	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 1/24/06	263	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 2/24/06	235	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 3/21/06	296	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2
EFF 5/1/06	314	0.00001	0.0000001	0.0000001	0.00000005	0.00000005	0.00000010	1440	0.0028	86.2	78.1	106.2	92.1	106.2	88.2

Table 7
SVE Catox Emissions Calculations
ATC Permit # NAC - 380
Former Central BP
2160 Central Ave.
Mckinleyville, CA
Blue Rock Project No. NC - 24

	Hydrocarbons Emissions:					
	TPHg (lb/day)	Benzene (lb/day)	Toluene (lb/day)	Ethylbenzene (lb/day)	Xylenes (lb/day)	MTBE (lb/day)
AQMD Permit Limts	***219.12***	***0.0601***	***1.234***	***1.621***	***6.869***	***0.034***
EFF 7/6/04	0.29	0.0001	0.004	0.003	0.003	0.006
EFF 7/7/04	0.34	0.0002	0.004	0.004	0.004	0.007
EFF 7/8/04	3.83	0.0002	0.089	0.091	0.448	0.006
EFF 7/9/04	0.61	0.0002	0.012	0.011	0.062	0.006
EFF 7/15/04	0.32	0.0002	0.004	0.003	0.022	0.006
EFF 7/22/04	0.41	0.0002	0.005	0.004	0.014	0.008
EFF 7/29/04	0.34	0.0002	0.004	0.004	0.008	0.007
EFF 8/26/04	0.26	0.0001	0.005	0.003	0.006	0.005
EFF 9/22/04	0.98	0.0001	0.032	0.011	0.077	0.004
EFF 10/14/04	0.44	0.0002	0.005	0.005	0.005	0.009
EFF 11/17/04	0.24	0.0001	0.003	0.003	0.003	0.005
EFF 12/21/04	0.81	0.0003	0.012	0.003	0.004	0.006
EFF 1/17/05	0.38	0.0002	0.005	0.004	0.005	0.008
EFF 2/7/05	0.46	0.0002	0.007	0.004	0.004	0.007
EFF 3/17/05	0.45	0.0002	0.006	0.005	0.006	0.009
EFF 3/18/05	0.49	0.0003	0.006	0.005	0.006	0.010
EFF 3/21/05	0.57	0.0003	0.014	0.005	0.006	0.009
EFF 3/22/05	0.59	0.0002	0.010	0.005	0.005	0.009
EFF 5/9/05	0.42	0.0002	0.005	0.004	0.005	0.009
EFF 6/9/05	0.38	0.0002	0.005	0.004	0.005	0.008
EFF 7/21/05	0.38	0.0002	0.005	0.004	0.005	0.008
EFF 8/30/05	0.38	0.0002	0.009	0.004	0.004	0.007
EFF 9/16/05	0.47	0.0003	0.006	0.005	0.006	0.010
EFF 10/27/05	0.43	0.0002	0.005	0.005	0.005	0.009
EFF 11/29/05	0.40	0.0002	0.005	0.004	0.005	0.008
EFF 12/20/05	0.36	0.0002	0.004	0.004	0.004	0.007
EFF 1/24/06	0.45	0.0002	0.006	0.005	0.006	0.009
EFF 2/24/06	0.40	0.0002	0.005	0.004	0.005	0.008
EFF 3/21/06	0.51	0.0003	0.006	0.005	0.006	0.010
EFF 5/1/06	0.54	0.0003	0.007	0.006	0.007	0.011
AQMD Compliance	**yes**	**yes**	**yes**	**yes**	**yes**	**yes**

Note: Emissions rates shown above represent conservative, worst scenario because the effluent concentrations are often "non-detect" and the detection limit is used for calculation of emission rate. Thus, actual emission rate is often lower.

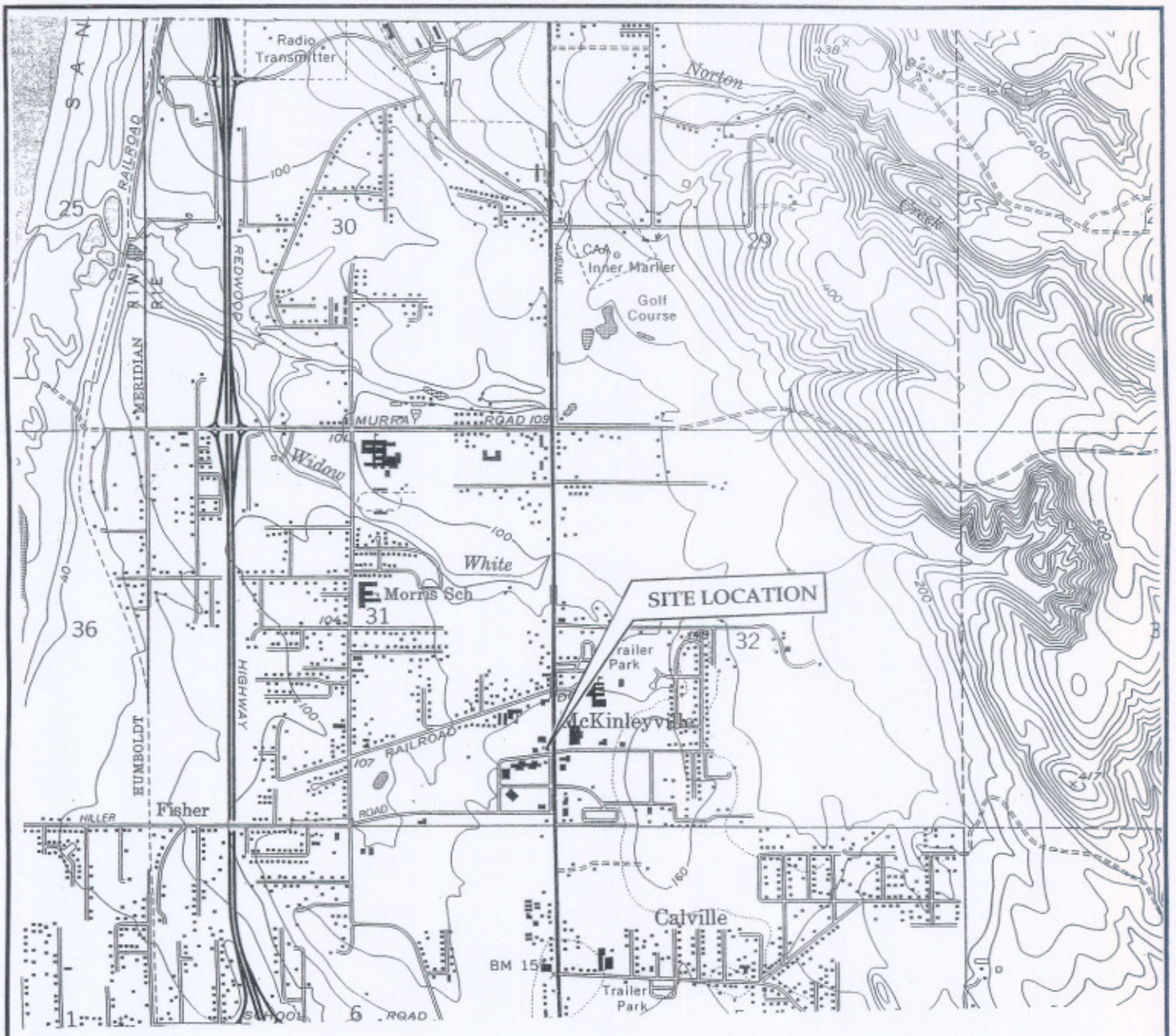
Calculations:

TPHg (lb/day) = A * B1 * C * D * E1
Benzene (lb/day) = A * B2 * C * D * E2
Toluene (lb/day) = A * B3 * C * D * E3
Ethylbenzene (lb/day) = A * B4 * C * D * E4
Xylenes (lb/day) = A * B5 * C * D * E5
MTBE (lb/day) = A * B6 * C * D * E6

where:

A: flow rate in standard cubic feet per minute (scfm)
B1: (Concentration of TPHg in ppmv)/1,000,000
B2: (Concentration of Benzene in ppmv)/1,000,000
B3: (Concentration of Toluene in ppmv)/1,000,000
B4: (Concentration of Ethylbenzene in ppmv)/1,000,000
B5: (Concentration of Xylenes in ppmv)/1,000,000
B6: (Concentration of MTBE in ppmv)/1,000,000
C: Conversion from minutes to day
D: Conversion for standard conditions (Assume Ideal Gas Law holds true)
E1: Molecular weight of TPHg - 86.2 lb/lb-mol
E2: Molecular weight of Benzene - 78.1 lb/lb-mol
E3: Molecular weight of Toluene - 106.2 lb/lb-mol
E4: Molecular weight of Ethylbenzene - 92.1 lb/lb-mol
E5: Molecular weight of Xylenes - 106.2 lb/lb-mol
E5: Molecular weight of MTBE - 88.2 lb/lb-mol

FIGURES



SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 10-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATLY 4 FEET

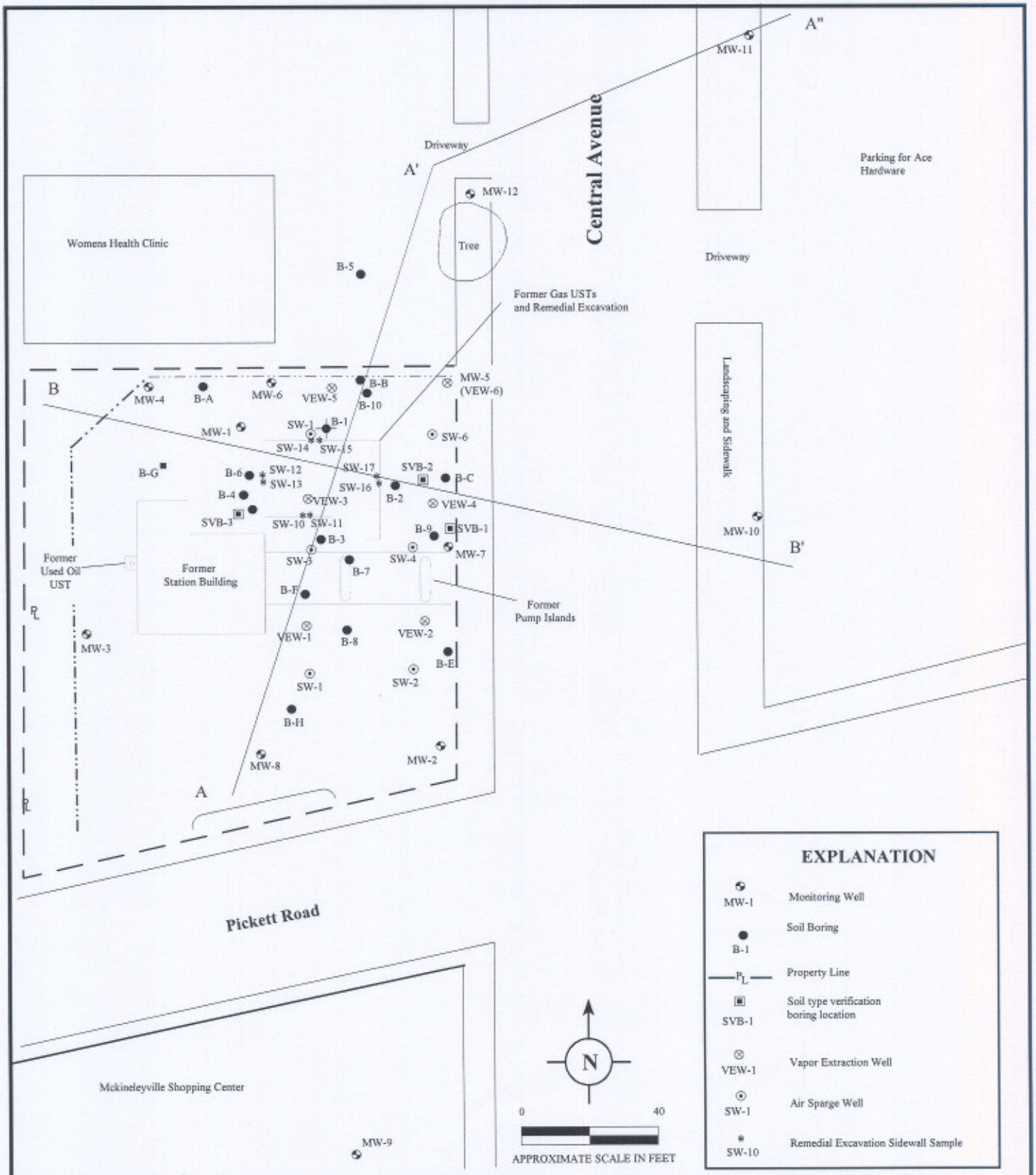
GN MN
0°42' 12 MILS
18½° 329 MILS

UTM GRID AND 1972 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

Site Location Map
Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

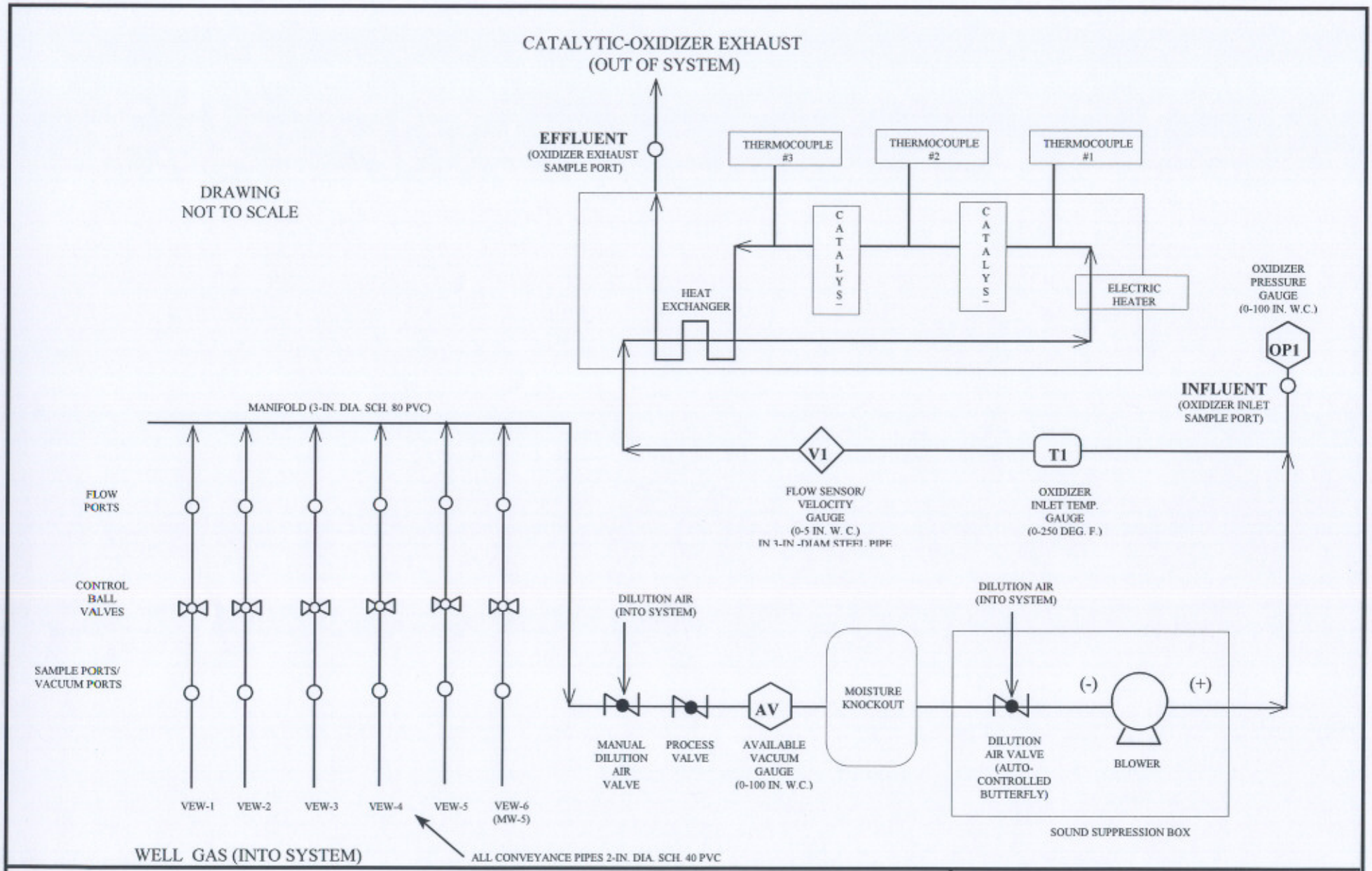
Project No.	Date	Figure
NC-24	7/06	1



Site Plan
Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

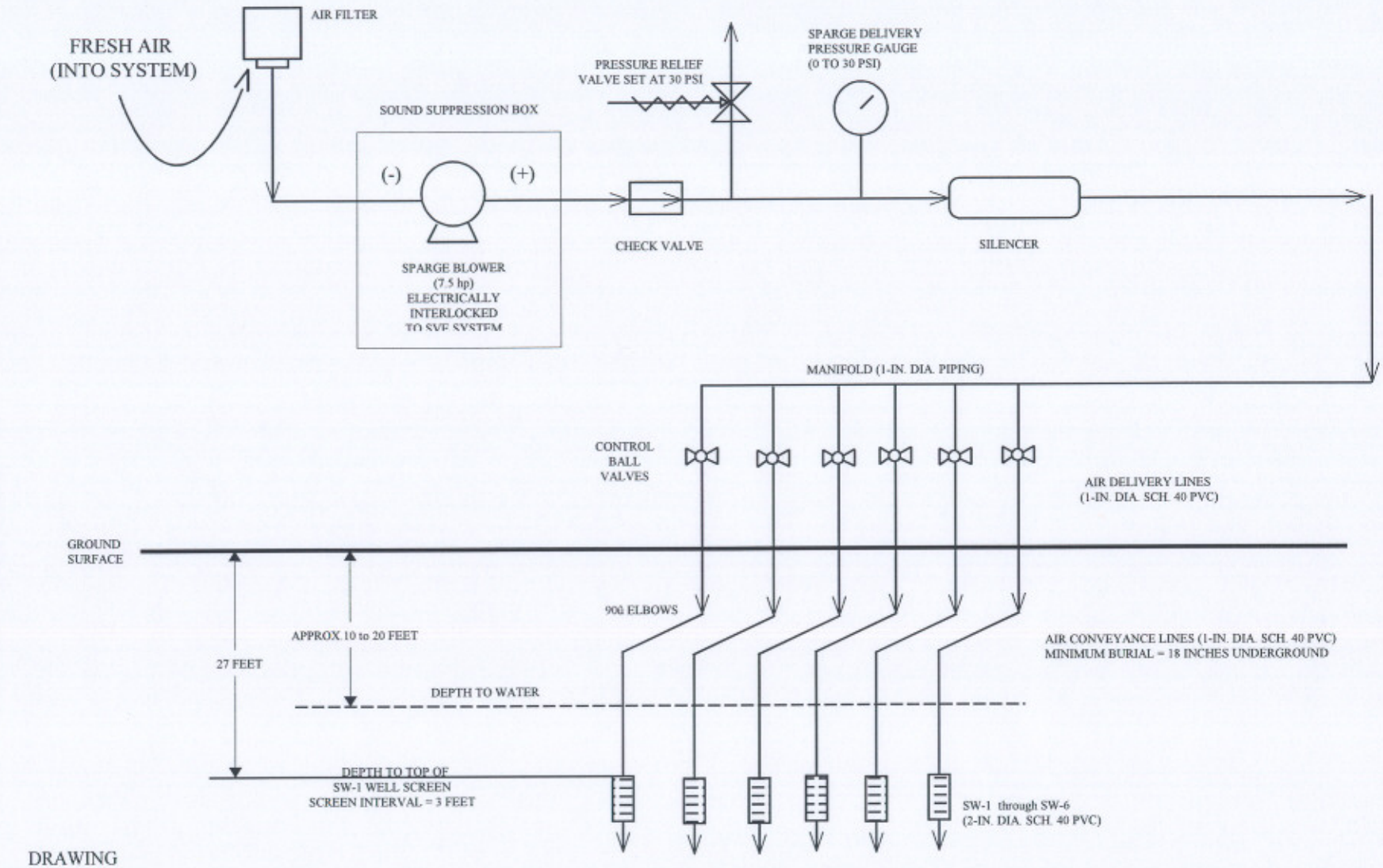
Project No.	Report Date	Figure
NC-24	6/06	2



Catox and Well Manifold Schematic
Former Central Bp Station
2616 Central Avenue
Mckinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

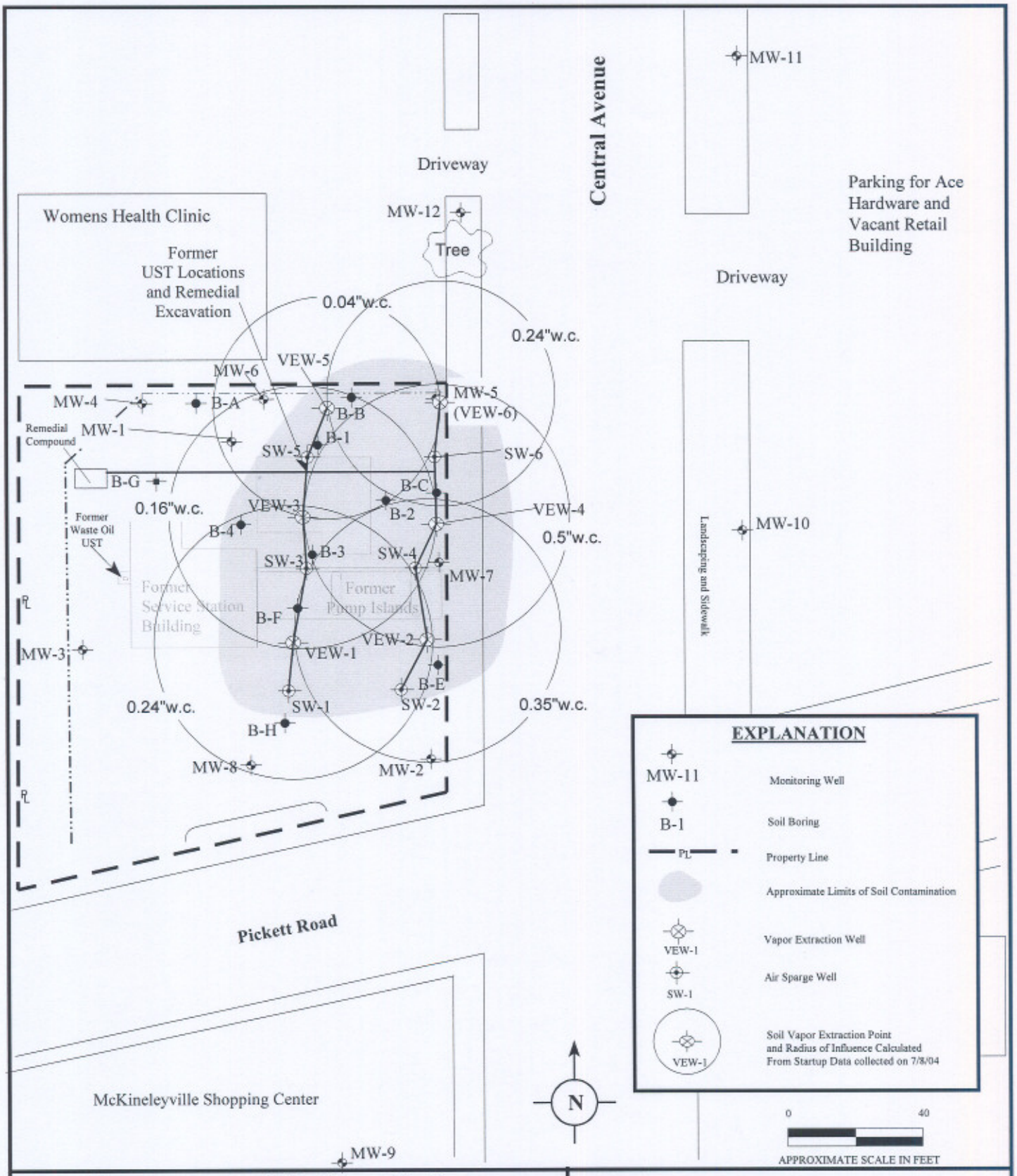
Project No.	Report Date	Figure
NC-24	7/06	3a



Air-Sparge Blower And Well Manifold Schematic
Former Central Bp Station
2616 Central Avenue
Mckinleyville, California

BLUE ROCK
ENVIRONMENTAL, INC.

Project No.	Report Date	Figure
NC-24	7/06	3b

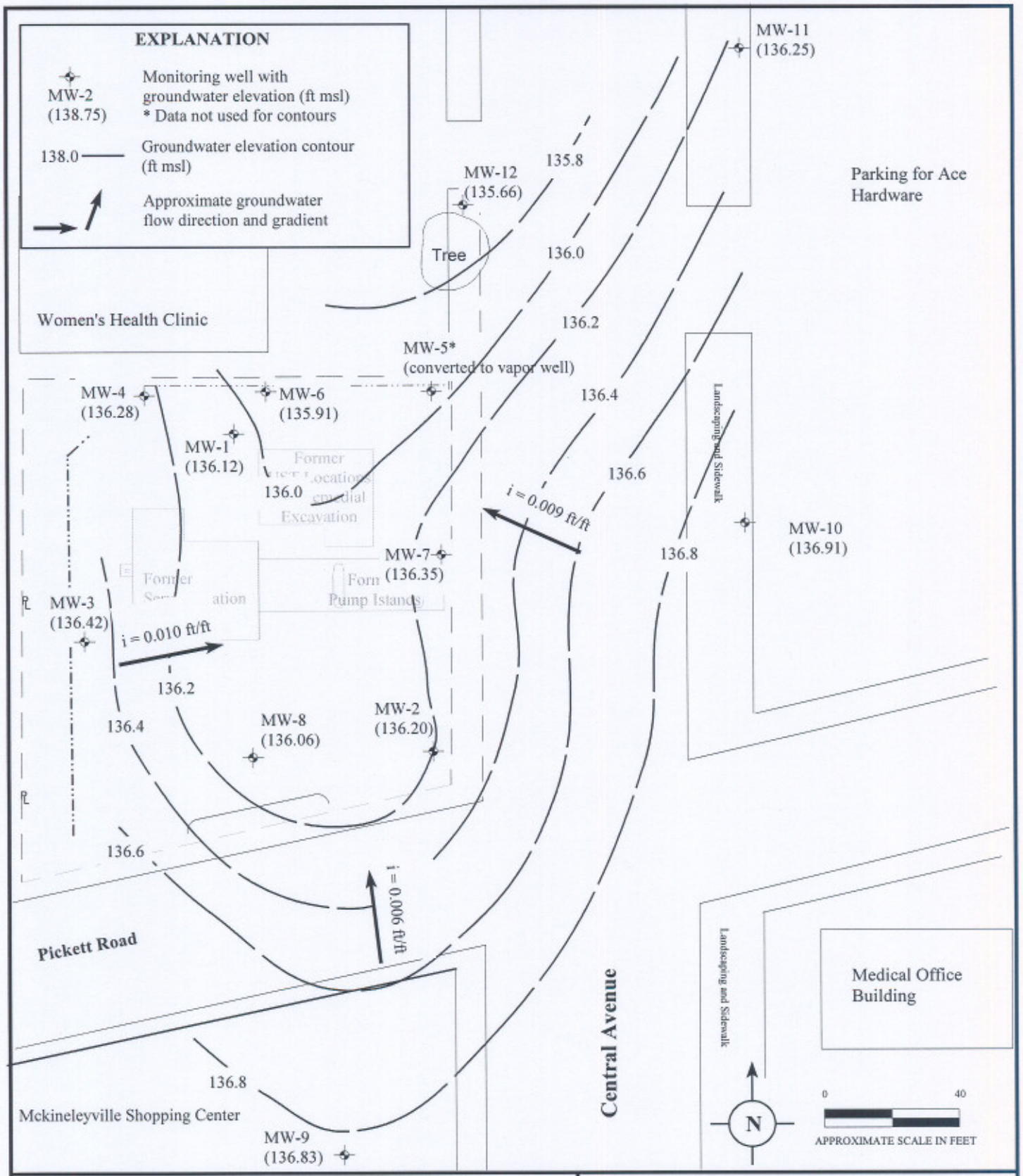


SVE Layout and Radius of Influence (VEW-1 to VEW-6)

Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

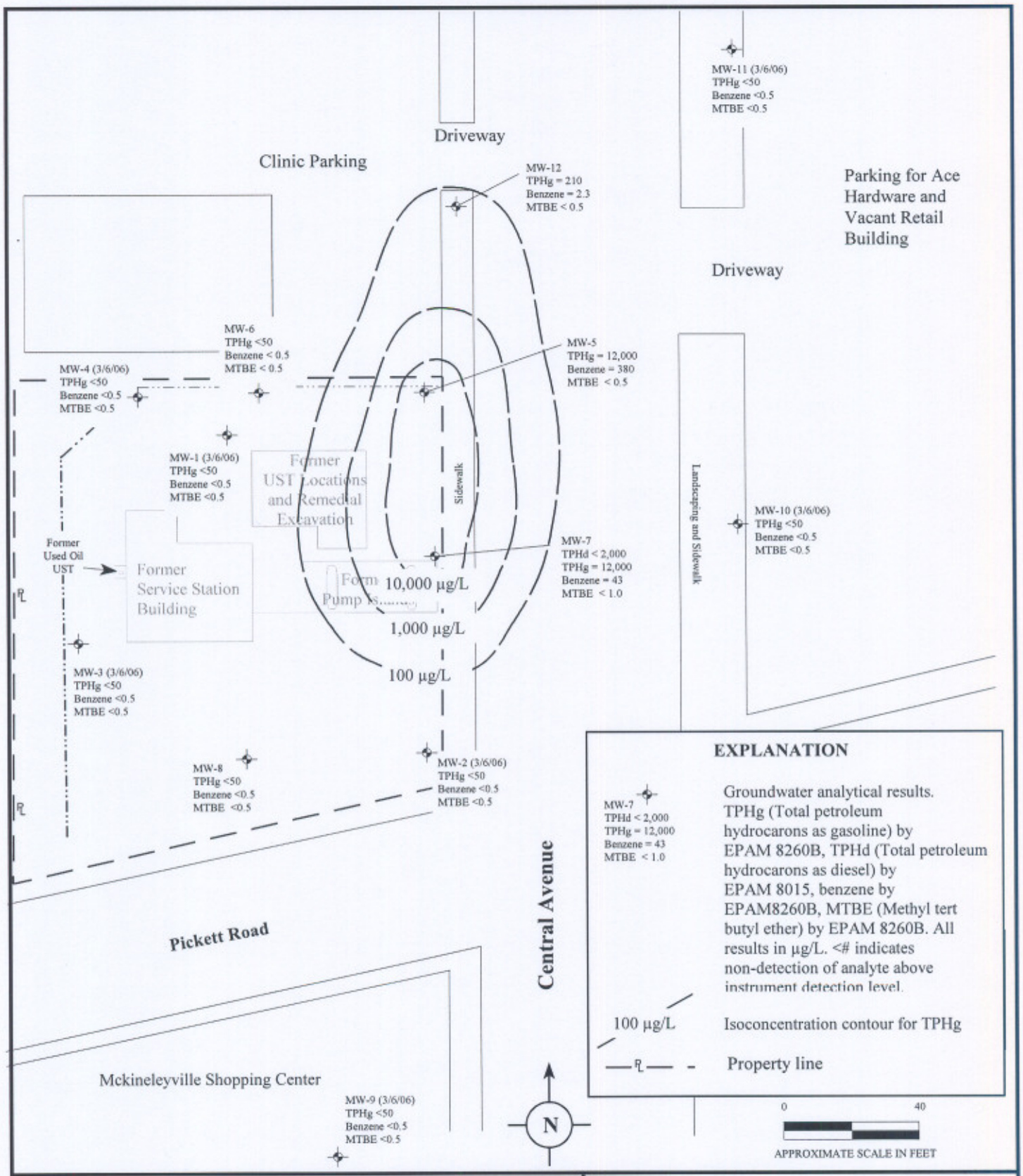
Project No.	Report Date	Figure
NC-24	7/06	4



Groundwater Elevation and Gradient - 6/16/06
Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Report Date	Figure
NC-24	7/06	5

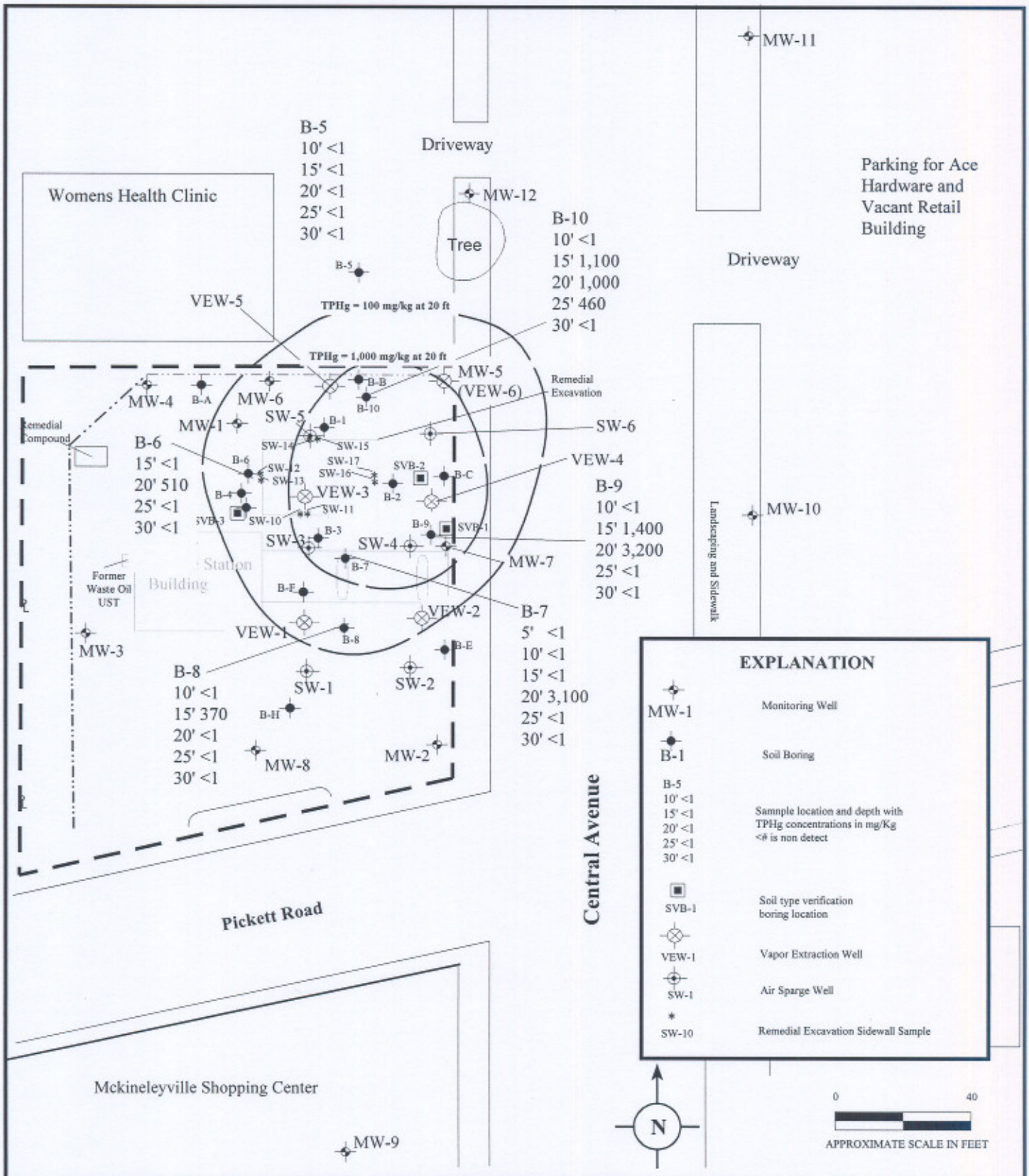


Dissolved-Phase Hydrocarbon (TPHg) Distribution 6/16/06

Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

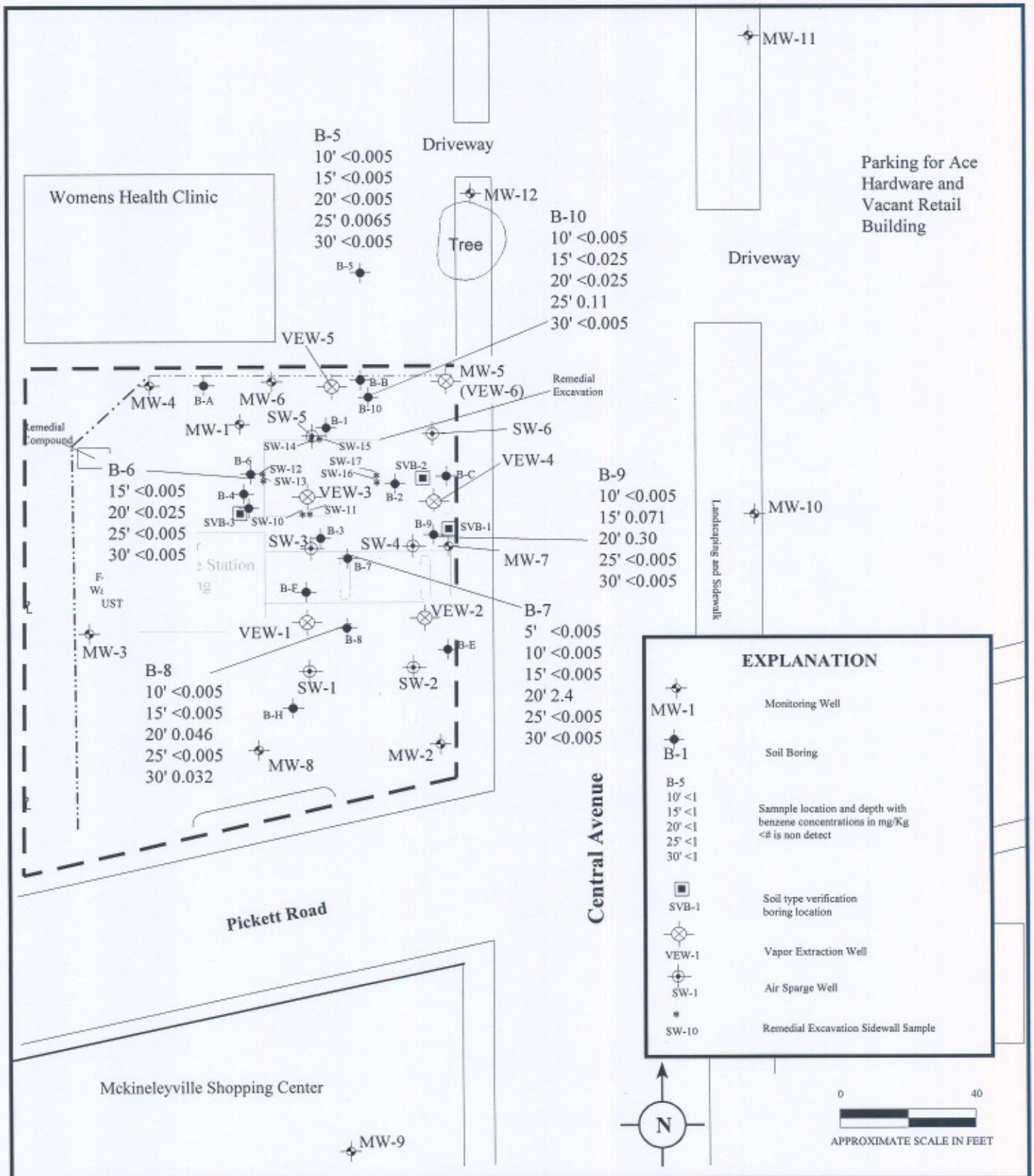
Project No.	Report Date	Figure
NC-24	7/06	6



Sorbed Phase TPHg 5/9/06
Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

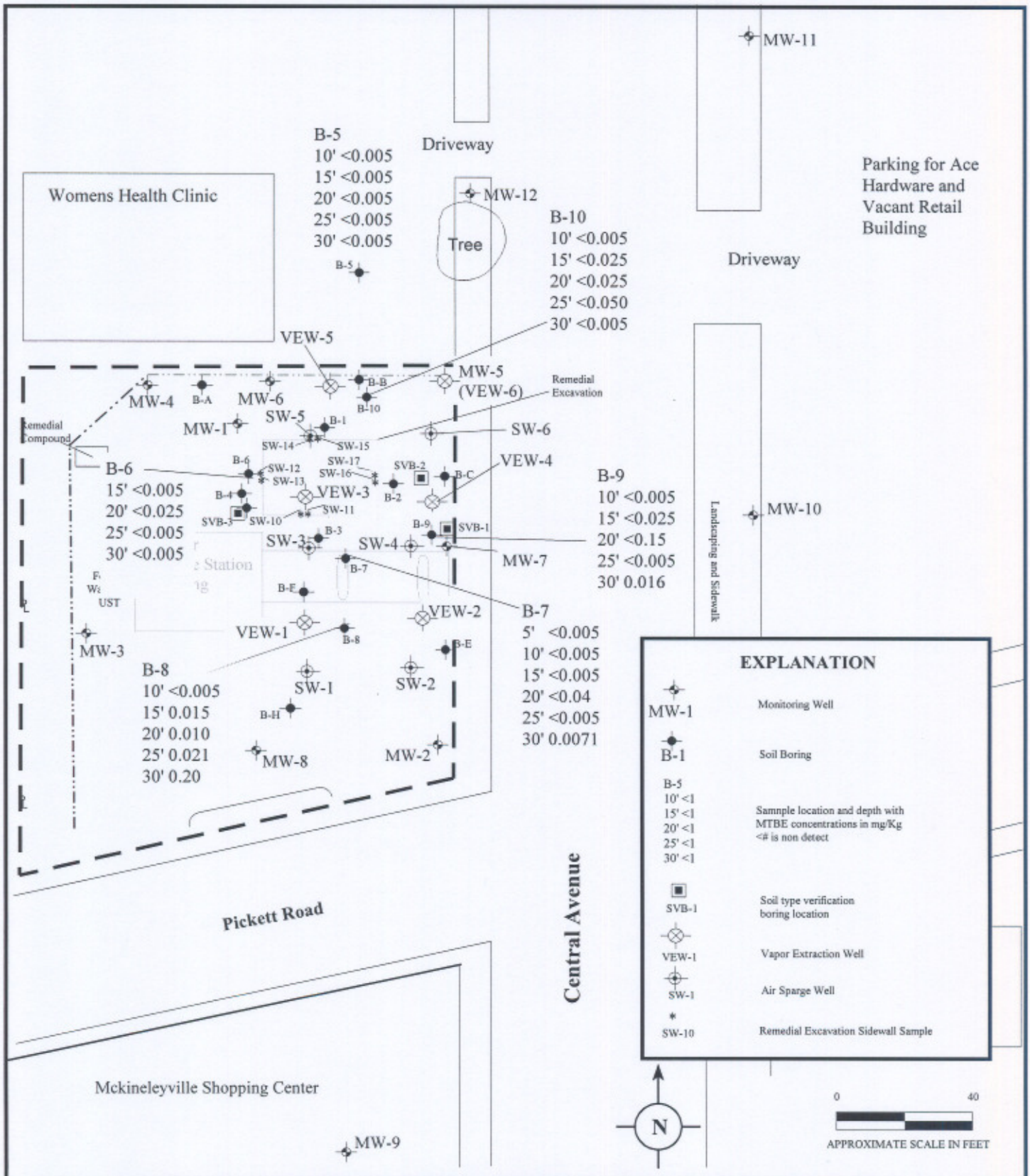
Project No.	Report Date	Figure
NC-24	7/06	7a



Sorbed Phase Benzene 5/9/06
Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

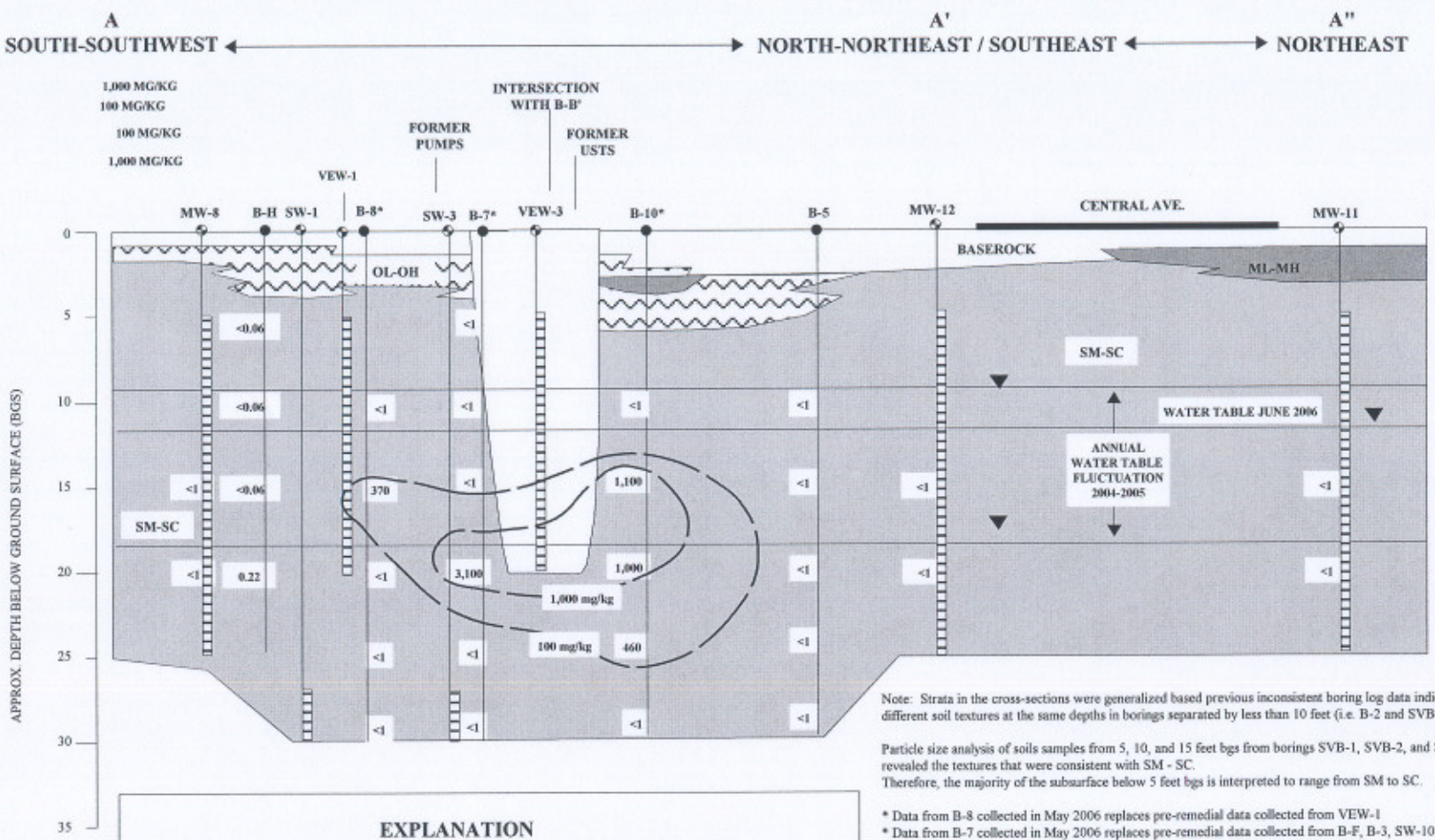
Project No.	Report Date	Figure
NC-24	7/06	7b



Sorbed Phase MTBE 5/9/06
Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Report Date	Figure
NC-24	6/06	7c



Note: Strata in the cross-sections were generalized based previous inconsistent boring log data indicating significantly different soil textures at the same depths in borings separated by less than 10 feet (i.e. B-2 and SVB-2).

Particle size analysis of soils samples from 5, 10, and 15 feet bgs from borings SVB-1, SVB-2, and SVB-3 revealed the textures that were consistent with SM - SC.
Therefore, the majority of the subsurface below 5 feet bgs is interpreted to range from SM to SC.

* Data from B-8 collected in May 2006 replaces pre-remedial data collected from VEW-1
* Data from B-7 collected in May 2006 replaces pre-remedial data collected from B-F, B-3, SW-10
* Data from B-10 collected in May 2006 replaces pre-remedial data collected from B-B

EXPLANATION

- FILL (BASEROCK/GRAVEL/ REUSED FILL)
- ELASTIC SILT / SILT (MH-ML)
- SILTY & CLAYEY SAND (SM-SC)
- ORGANIC SOIL (OL-OH)
- WATER TABLE
- 340 — TPHg CONC. (MG/KG) AT LOCATED DEPTH
- 100 MG/KG — ESTIMATED TPHg ISO-CONC. (MG/KG) IN SOIL

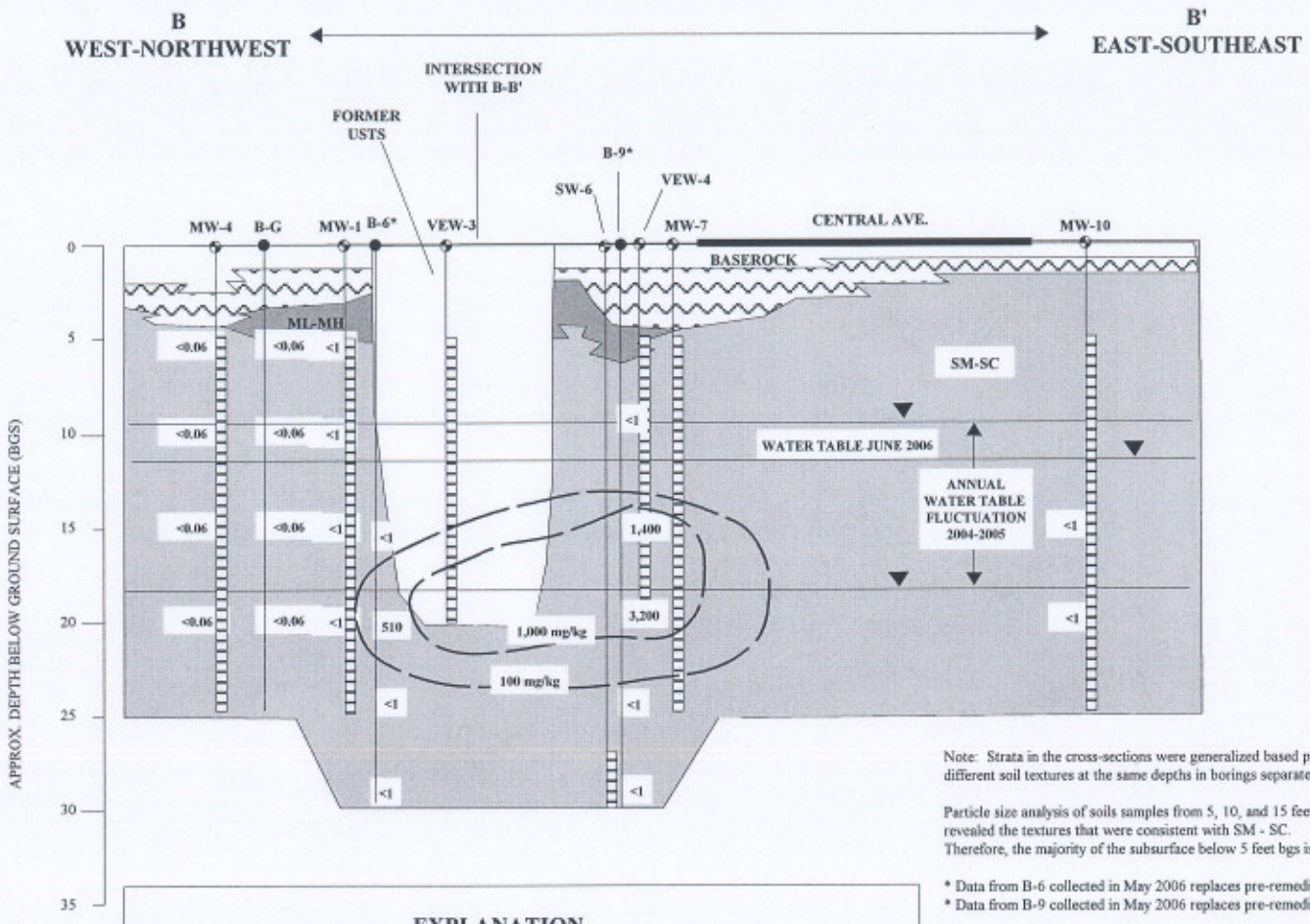
0' — 40'
10'

SCALE
VERT. 1"=10'
HORIZ. 1"=40'
V.E. 4:1

Cross-Section A-A'-A"
TPHg in Soil - 5/9/06
Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Figure Date	Figure
NC-24	7/06	8a



Note: Strata in the cross-sections were generalized based previous inconsistent boring log data indicating significantly different soil textures at the same depths in borings separated by less than 10 feet (i.e. B-2 and SVB-2).

Particle size analysis of soils samples from 5, 10, and 15 feet bgs from borings SVB-1, SVB-2, and SVB-3 revealed the textures that were consistent with SM - SC.
Therefore, the majority of the subsurface below 5 feet bgs is interpreted to range from SM to SC.

* Data from B-6 collected in May 2006 replaces pre-remedial data collected for B-4, SW-13, and VEW-3
* Data from B-9 collected in May 2006 replaces pre-remedial data collected from SW-17, B-2, B-C, VEW-4, and MW-7

EXPLANATION

- FILL (BASEROCK/GRAVEL/ REUSED FILL)
- ELASTIC SILT / SILT (MH-ML)
- SILTY & CLAYEY SAND (SM-SC)
- ORGANIC SOIL (OL-OH)
- WATER TABLE
- 340 — TPHg CONC. (MG/KG) AT LOCATED DEPTH
- 100 MG/KG — ESTIMATED TPHg ISO-CONC. (MG/KG)

SCALE

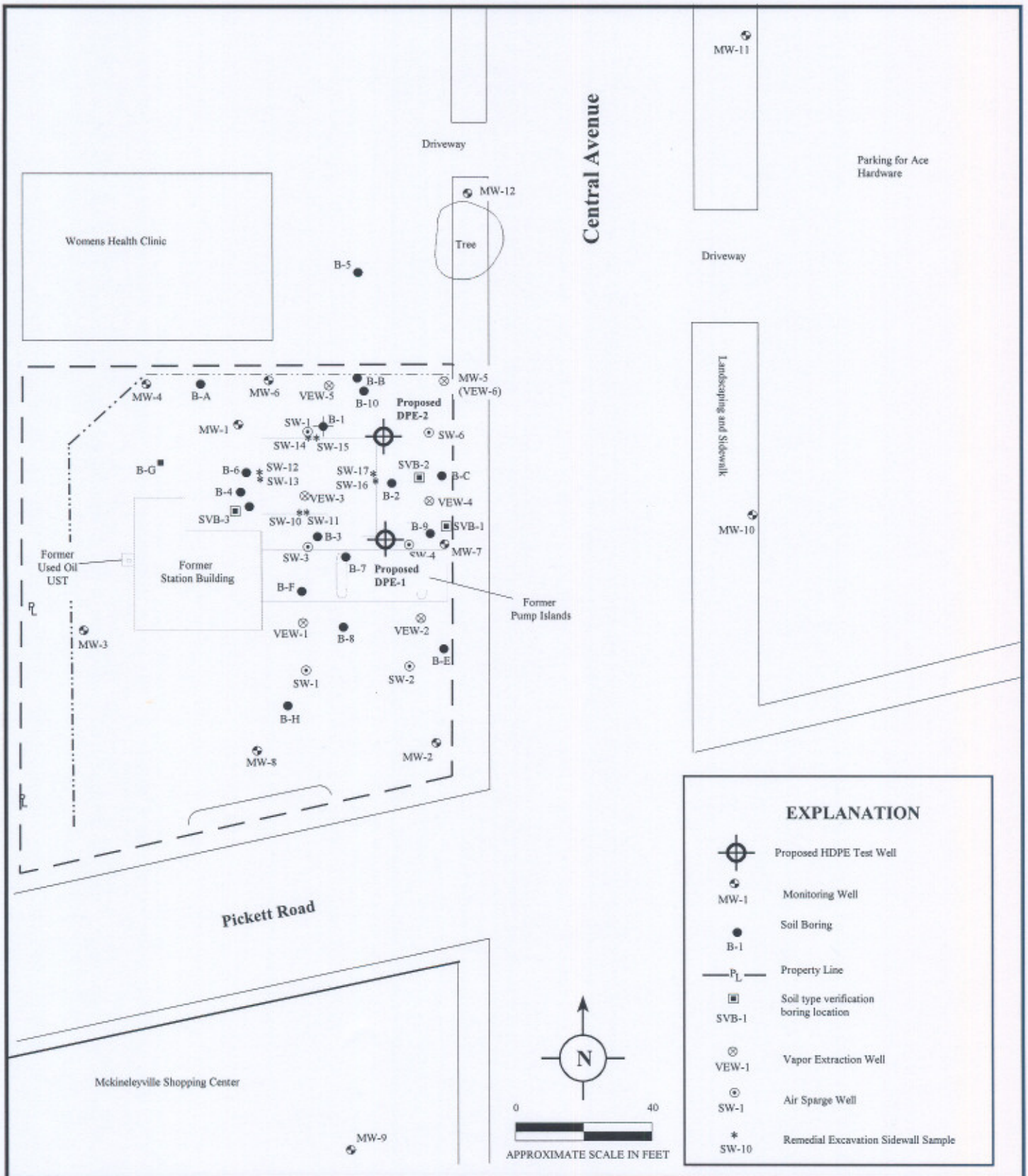
VERT. 1"=10'
HORIZ. 1"=40'

V.E. 4:1

Cross-Section B-B'
TPHg in Soil - 5/9/06
Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

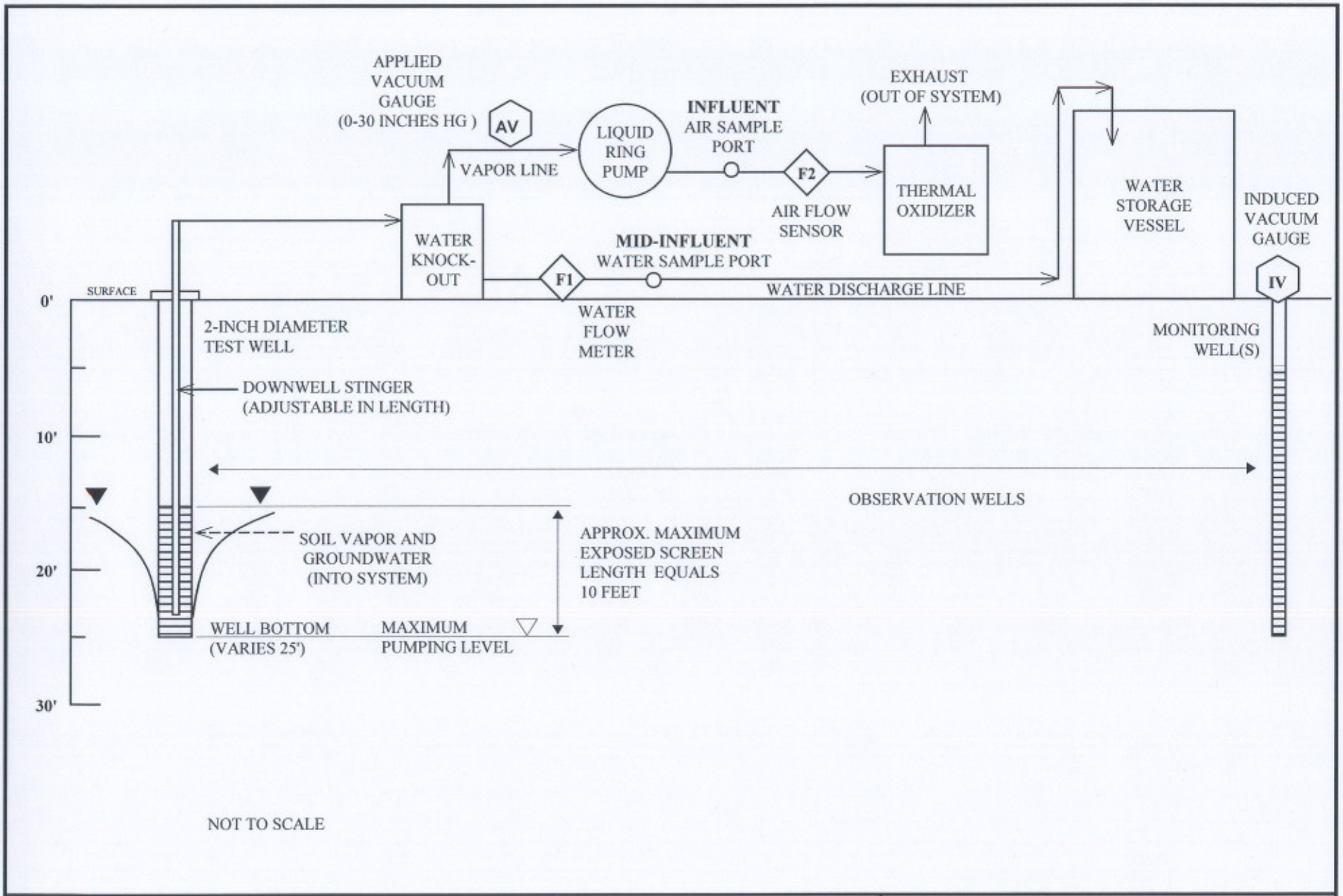
Project No.	Figure Date	Figure
NC-24	7/06	8b



Proposed HDPE Test Wells
Former Central BP Station
2160 Central Avenue
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Report Date	Figure
NC-24	7/06	9



High-Vacuum Dual-Phase Extraction
Pilot Test Equipment Schematic
Former Central BP
2160 Central Ave.
McKinleyville, California

BLUE ROCK ENVIRONMENTAL, INC.

Project No.	Report Date	Figure
NC-24	7/06	10