Environmental Consultants
3645 Westwind Boulevard
Santa Rosa, CA 95403
707-546-9461
FAX 707 544-5769
www.scsengineers.com

SCS ENGINEERS

Results of the 4th Quarter 2005 Groundwater Monitoring and Sampling Event

John Riddell
4660 Hessel Road
Sebastopol, California
(Assessor's Parcel No. 062-112-005)

File Number 01203317.00

Prepared by:

SCS Engineers
3645 Westwind Boulevard
Santa Rosa, California 95403

To:

Ms. Beth Lamb
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

March 23, 2006

LIMITATIONS/DISCLAIMER

This report has been prepared for John Riddell with specific application to a Quarterly Monitoring event for the property located at 4660 Hessel Road, Sebastopol, California. Field activities and sampling were conducted in accordance with the care and skill generally exercised by reputable professionals, under similar circumstances, in this or similar localities. No other warranty, either expressed or implied, is made as to the professional advice presented herein.

Access to the property and the surrounding area was limited by buildings, roadways, underground and above-ground utilities and other miscellaneous site and site vicinity features. Therefore, the field exploration and points of subsurface observation were somewhat restricted.

Changes in site use and conditions may occur due to variations in rainfall, temperature, water usage, or other factors. Additional information which was not available to the consultant at the time of this quarterly monitoring event or changes which may occur on the site or in the surrounding area may result in modification to the site that would impact the summary presented herein. This report is not a legal opinion.

We trust this report provides the information you require at this time and we appreciate the opportunity to work with you on this project. If you require any additional information, or have any questions, please do not hesitate to contact SCS at (707) 546-9461.

Kevin L. Coker REA 7887
CA registration fees paid through 06/30/06

3-24-06
Date

Stephen Knuttel PG 7674
CA registration fees paid through 07/31/07

24. MARCH, 2006
Date

List of Acronyms
4660 Hessel Road, Sebastopol

TPH-g	=	Total petroleum hydrocarbons in the gasoline range
TPH-d	=	Total petroleum hydrocarbons in the diesel range
TPH-mo	=	Total petroleum hydrocarbons in the motor oil range
TPH-k	=	Total petroleum hydrocarbons in the kerosene range
BTEX	=	benzene, toluene, ethylbenzenes, xylenes
MTBE	=	methyl tertiary butyl ether
DIPE	=	diisopropyl ether
ETBE	=	ethyl tertiary butyl ether
TAME	=	tertiary amyl methyl ether
TBA	=	tert-butyl alcohol
Five Oxys	=	MTBE, DIPE, ETBE, TAME, TBA
Pb Scavs	=	Lead Scavengers (EDC and EDB)
EDC	=	ethylene dichloride[1]
EDB	=	ethylene dibromide[2]
VOCs	=	volatile organic compounds
μg/L	=	Micrograms per liter
RDL	=	Report detection limit
ND	=	Below the laboratory report detection limit
NA	=	Not analyzed
msl	=	Mean sea level
INF	=	Influent
EFF	=	Effluent

[1] EDC has been referred to as 1,2-dichloroethane (1,2-DCA) in previous reports
[2] EDB has been referred to as 1,2-dibromoethane (1-2-DBA) in previous reports

Introduction

SCS Engineers (SCS) is pleased to present the results of the 4th Quarter 2005 groundwater monitoring and sampling event for 4660 Hessel Road, Sebastopol, California (Assessor's Parcel No. 062-112-005). A summary of historical site investigative activities is presented in previous reports (GeoPacific 1996; PNEG 1996b, 1997, 1999a, 1999b, 2000e, 2002b; SCS 2004b, 2005b). Figure 1 shows the site location. Figures 2A and 2B show the general site features.

Groundwater Monitoring

The North Coast Regional Water Quality Control Board (NCRWQCB) issued a directive to remove monitoring wells MW-1, MW-2, MW-3, MW-5, MW-7D, MW-8, MW-9D, MW-10, MW-11D, and MW-14, and domestic wells DW-3, DW-4, DW-HD, and DW-HD2 from the site monitoring program; and, to place MW-4, MW-6, MW-12, and MW-13 on a semi-annual monitoring program (1st and 3rd quarters). SCS requested (SCS, 2005c) that monitoring wells MW-3 and MW-9D continue to be sampled annually. The NCRWQCB accepted SCS' request (NCRWQCB, 2005b). Monitoring wells MW-3, MW-9D, MW15D, MW-16, MW-17D, MW-18 and MW-19D were monitored and sampled for the 4th quarter 2005 monitoring and sampling event.

Groundwater depths were measured in MW-1 through MW-20 on December 23, 2005. Depth to groundwater in the shallow wells ranged from approximately 0.5 to 3 feet below existing ground surface (bgs). Depth to groundwater in the deep wells ranged from approximately 0.5 to 3 feet bgs. The depth to groundwater measurements and well casing elevations were used to calculate groundwater flow direction and gradient for the shallow and the deep wells. The casing and groundwater elevations are reported in feet relative to mean sea level. The groundwater flow direction in shallow wells is northerly at a gradient of 0.04 Ft/hour. The groundwater flow direction in the deep wells is northerly, at a gradient of 0.03 Ft/hour. Shallow and deep project well groundwater elevation data are presented in Tables 1 and 2, and on Figures 2A and 2B, respectively.

Groundwater Sampling

After depth to groundwater was measured, monitoring wells MW-3, MW-9D, MW15D, MW-16, MW-17D, MW-18 and MW-19D were checked for the presence of separate-phase hydrocarbons (SPH) using an oil/water interface probe; no well contained SPH. Each well was then purged using a submersible pump before collecting the groundwater samples. The ground water temperature, pH, conductivity, turbidity, and dissolved oxygen concentration for each well was recorded on field sampling forms during purging activities. Well Purge Records were generated from the sampling forms and are presented in Appendix A. The field technician allowed the monitoring wells to recover before collecting a sample with a disposable bailer; a separate disposable bailer was used for each well. Ground water samples were transferred from the bailer into the appropriate containers supplied by the laboratory. The containers were labeled, refrigerated, and transported under a Chain-of-Custody to Analytical Sciences (AS), a California EPA certified laboratory, for analysis. All samples were collected following SCS' Standard Soil and Water Sampling Procedures and

QA/QC Protocol. The purge water generated from the well sampling is stored onsite in 55-gallon UN/DOT-approved drums pending disposal.

Domestic Well, Stand Pipe, and Stream Sampling

Domestic wells DW-3, DW-4, DW-HD, and DW-HD-2 are no longer sampled in accordance with the NCRWQCB August 2005 directive. Domestic well DW-1 is sampled semi-annually and DW-4615 is sampled quarterly. Domestic well DW-4615, located at 4615 Hessel Road, was sampled on December 23, 2005.

The field technician allowed the faucet for the well to run for approximately 5 minutes prior to collecting the sample from DW-4615. The sample was labeled, refrigerated and transported under a Chain of Custody to AS for analysis. Figure 2A shows the domestic well locations. Table 3 summarizes the domestic well sample results. Stand pipe and stream sample results are summarized in Table 5.

Laboratory Analysis

The groundwater samples collected from the monitoring wells and the domestic well were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) by EPA Method 5030/8015M, and for volatile organic compounds (VOCs) by EPA Method 8260B full scan reporting all peaks.

Groundwater Analytical Results

The sample collected from domestic well DW-4615 did not contain target analytes at concentrations above the laboratory reporting detection limit (RDL). Analytical results for domestic well samples results are summarized in Table 3.

Groundwater samples for MW-3, MW-9D, MW17D, MW18, and MW-19D did not contain detectable concentrations of target analytes. The sample from MW-15D contained 6,200 micrograms per liter (µg/L) TPH-g, and 2,000 µg/L benzene. The sample from MW-16 contained 70 µg/L TPH-g, 1.0 µg/L benzene, and 1.9 µg/L the lead scavenger ethylene dichloride (EDC). Groundwater analytical results for monitoring wells MW-3, MW9D, and MW15D through MW-19D are summarized in Table 4. TPH-g, and EDC concentrations for the deep and shallow wells are contoured in Figures 3A through 4B. Diagrams A through F show TPH-g, benzene and EDC concentrations, and ground water elevations in the shallow and deep wells, versus time. Laboratory analytical reports are presented in Appendix B.

Project Update

SCS submitted a Feasibility Study/Corrective Action Plan (FS/CAP) to the NCRWQCB on January 13, 2006. The FS/CAP recommended a combined remedial strategy including injecting Chemical Oxidation and Oxygen Releasing Compound (CO/ORC) along with limited source removal to remove most of the SPH. In addition, SCS recommended conducting a geophysical survey to determine if a UST is underneath the porch of an existing residence. If the survey reveals a UST, SCS proposes removing the UST because it is likely the source contributing to soil and groundwater impacts in the vicinity of MW-20. As of this report's date, the NCRWQCB has not yet responded to the recommended combined remedial strategy proposed in the FS/CAP.

SCS mailed site access agreements to neighboring sites to gain access for sampling selected water supply wells in September 2005. SCS received a response from the property owner at 4580 Hessel Road who indicated that their water supply well was located at 4570 Hessel Road and supplies both properties.

Attachments
File No. 01203317.00

Figures

Figure 1: Site Location Map
Figure 2A: Site Plan Groundwater Flow Direction and Gradient for Shallow Wells, 12/23/05
Figure 2B: Site Plan Groundwater Flow Direction and Gradient for Deep Wells, 12/23/05
Figure 3A: Isoconcentration Map - TPH-g in Shallow Wells for 12/23/05
Figure 3B: Isoconcentration Map -TPH-g in Deep Wells for 12/23/05
Figure 4A: Isoconcentration Map - EDC in Shallow Wells for 12/23/05
Figure 4B: Isoconcentration Map - EDC in Deep Wells for 12/23/05

Diagrams and Tables

Diagram A: TPH-g & Groundwater Elevation vs Time - Shallow Wells
Diagram B: TPH-g & Groundwater Elevation vs Time - Deep Wells
Diagram C: Benzene & Groundwater Elevation vs Time - Shallow Wells
Diagram D: Benzene & Groundwater Elevation vs Time - Deep Wells
Diagram E: EDC & Groundwater Elevation vs Time - Shallow Wells
Diagram F: EDC & Groundwater Elevation vs Time - Deep Wells
Table 1: Groundwater Flow Direction and Gradient for Shallow Wells
Table 2: Groundwater Flow Direction and Gradient for Deep Wells
Table 3: Domestic Well Analytical Results
Table 4: Monitoring Well Analytical Results
Table 5: Surface Water Analytical Results

Appendices

Appendix A
Well Purge Records – 4th Quarter 2005
Appendix B
Analytical Sciences Report #5122703, dated January 6, 2006
Analytical Sciences Report #5122704, dated January 6, 2006

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File No. 01203317.00

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PNEG, 2001b. Work Plan for 4660 Hessel Road, Sebastopol, California, July 13.
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PNEG, 2001d. Results of the 3rd Quarter 2001 Groundwater Monitoring and Domestic Well Sampling Event at 4660 Hessel Road, Sebastopol, California, October 17.
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PNEG, 2002b. Report on Excavation at 4660 Hessel Road, Sebastopol, California, February 27.
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PNEG, 2002f. Work Plan to Study the Surface Water-Groundwater Interaction at 4660 Hessel Road, Sebastopol, California , December 12.
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PNEG, 2003b. Work Plan for Additional Investigation at 4660 Hessel Road, Sebastopol, California, February 21.
PNEG, 2003c. Results of the 1st Quarter 2003 Groundwater Monitoring and Sampling Event at 4660 Hessel Road, Sebastopol, California, April 24.
PNEG, 2003d. Results of the 2nd Quarter 2003 Groundwater Monitoring and Sampling Event at 4660 Hessel Road, Sebastopol, California, July 10.
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SCS, 2005c. Re: reduced monitoring schedule needs for 4660 Hessel Road, Sebastopol, California, August 15.
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SCS, 2005e. Work Plan for Additional Subsurface Investigation – 4660 Hessel Road, Sebastopol, California, October 26.
SCS, 2005f. Results of the 3rd Quarter 2005 Groundwater Monitoring and Sampling Event at 4660 Hessel Road, Sebastopol, California, December 8.
SCS, 2006. Feasibility Study/Corrective Action Plan - 4660 Hessel Road, Sebastopol, California, January 13.

Distribution List
File No. 01203317.00

Mr. John Riddell
4660 Hessel Road
Sebastopol, CA 95472

Mr. & Mrs. Gary and Victoria Giuliani
4620 Hessel Road
Sebastopol, CA 95472

Mr. Paul McBride
4660 Hessel Road, Unit B
Sebastopol, CA 95472

FIGURES

SCS ENGINEERS

3645 WESTWIND BOULEVARD
SANTA ROSA, CA 95403
PH. (707) 546—9461 FAX (707) 544—5769

PROJ. NO: 01203317.00	TAKEN BY:	FILE: 6119_SiteLocMap
DATE: 10/07`/03	CREATED BY JJM	APP. BY:

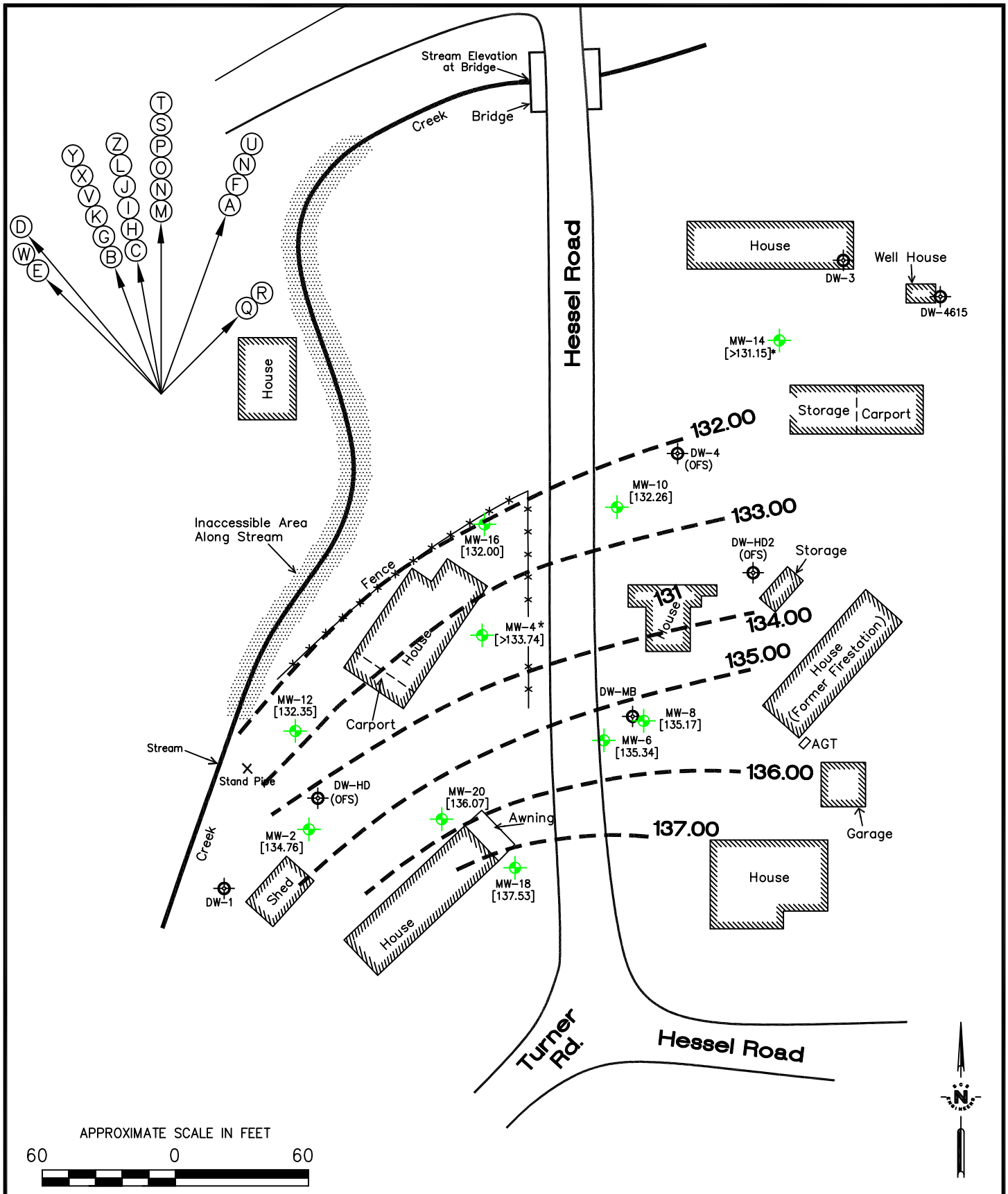
SITE LOCATION MAP

John Riddell
4660 Hessel Road
Sebastopol, California

APPROX. SCALE

FIGURE

1



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ENVIRONMENTAL CONSULTANTS

3645 WESTWIND BOULEVARD
SANTA ROSA, CALIFORNIA 95403
PH. (707) 546-9461 FAX. (707) 544-5769

PROJ. NO.: 3317.00	DWN. BY: AJH	ACAD FILE: 3317.00-GW.SZ-3568
DATE: 1/30/06	CHK. BY:	APP. BY: SK

SHEET TITLE: SITE PLAN-GROUNDWATER FLOW DIRECTION & GRADIENT FOR SHALLOW WELLS, 12/23/05

PROJECT TITLE: JOHN RIDDELL
4660 HESSEL ROAD
SEBASTOPOL, CALIFORNIA

SCALE: 1" = 60'

FIGURE NO.: 2A
1 OF 2

GROUNDWATER FLOW LEGEND

Estimated Groundwater Gradient Direction → (A)

Equipotential Line (Interval = 1.0 ft) - - - - - -

Identifier Tag	Date	Est Flow Direction	Gradient Slope
(A)	7/12/99	N20°E	i = 0.02
(B)	10/20/99	N20°W	i = 0.04
(C)	1/11/00	N10°W	i = 0.02
(D)	4/18/00	N40°W	i = 0.04
(E)	7/20/00	N45°W	i = 0.02
(F)	11/27/00	NNE	i = 0.025
(G)	2/28/01	N20°W	i = 0.02
(H)	5/29/01	N10°W	i = 0.03
(I)	8/22/01	N10°W	i = 0.02
(J)	11/26/01	N10°W	i = 0.02
(K)	2/25/02	N20°W	i = 0.03
(L)	5/29/02	Northerly	i = 0.02
(M)	8/26/02	Northerly	i = 0.01
(N)	11/19/02	N–NE	i = 0.02
* (O)	2/18/03	Northerly	i = 0.02
(P)	5/14/03	Northerly	i = 0.02
(Q)	8/20/03	North–easterly	i = 0.01
(R)	11/20/03	North–easterly	i = 0.02
(S)	3/2/04	Northerly	i = 0.03
(T)	6/7/04	Northerly	i = 0.03
(U)	9/2/04	N–NE	i = 0.03
(V)	1/4/05	NNW	i = 0.05
(W)	3/22/05	NW	i = 0.04
(X)	6/8/05	NNW	i = 0.04
(Y)	9/26/05	NNW	i = 0.03
(Z)	12/23/05	Northerly	i = 0.04

Identifier Tag	Date	Est Flow Direction	Gradient Slope

Water Supply Well

Monitoring Well Location

DW = Domestic Well

HD = Hand Dug

OFS = Out of Service

* Artesian Conditions

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3645 WESTWIND BOULEVARD
SANTA ROSA, CALIFORNIA 95403
PH. (707) 546–9461 FAX. (707) 544–5769

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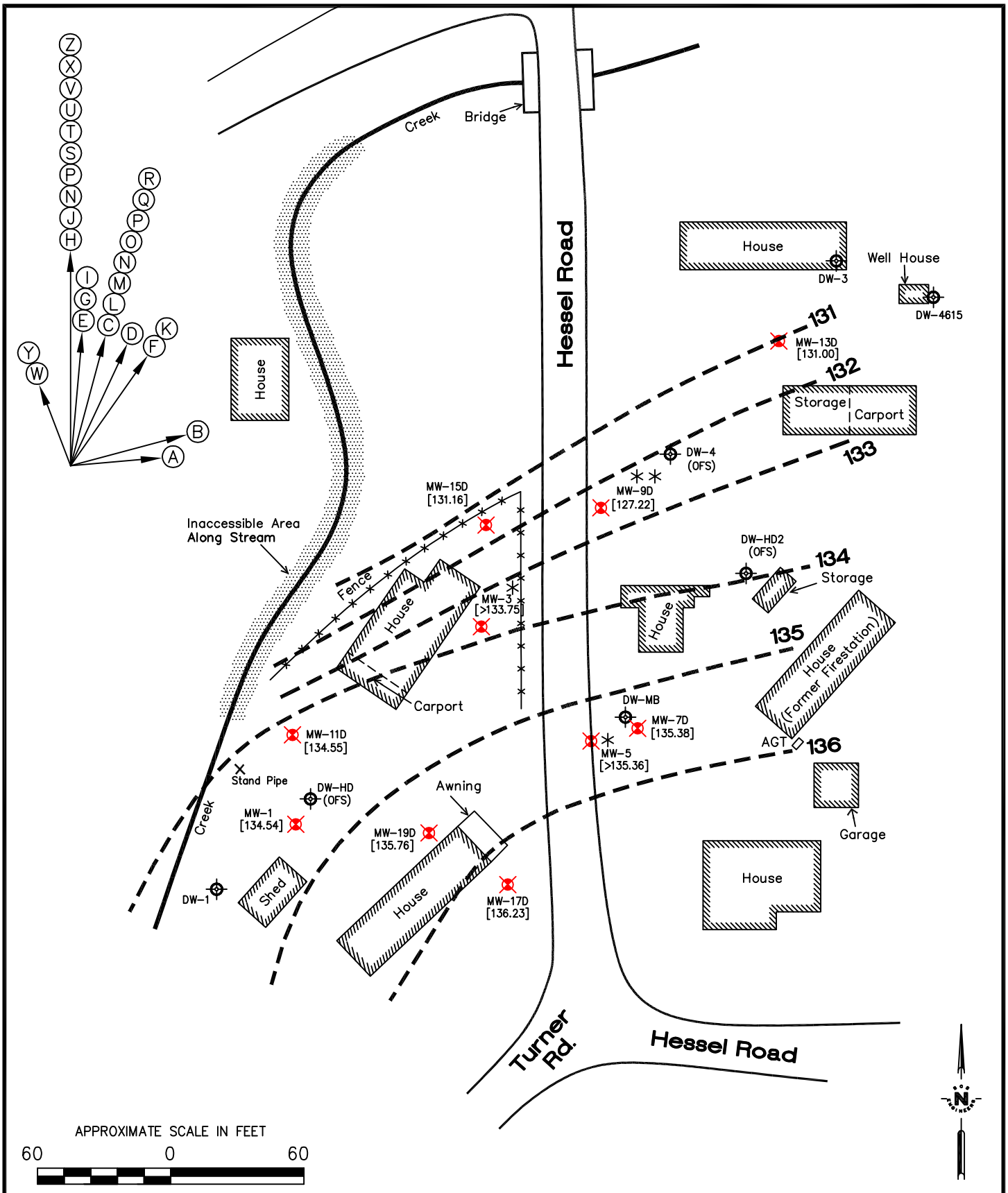
4660 HESSEL ROAD
SEBASTOPOL, CALIFORNIA

SCALE: 1" = 60'

FIGURE NO.: 2A



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SANTA ROSA, CALIFORNIA 95403
PH. (707) 546-9461 FAX. (707) 544-5769

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SHEET TITLE: SITE PLAN–GROUNDWATER FLOW DIRECTION & GRADIENT FOR DEEP WELLS, 12/23/05

PROJECT TITLE: JOHN RIDDELL
4660 HESSEL ROAD
SEBASTOPOL, CALIFORNIA

SCALE: 1" = 60'

FIGURE NO.: 2B
1 OF 2

GROUNDWATER FLOW LEGEND

Estimated Groundwater Gradient Direction → (A)

Equipotential Line (Interval = 1.0 ft) — — — — Elevation

Identifier Tag	Date	Est Flow Direction	Gradient Slope
(A)	7/12/99	N85°E	i = 0.02
(B)	10/20/99	N75°E	i = 0.03
(C)	1/11/00	N15°E	i = 0.02
(D)	4/18/00	Not Calculated	
(E)	7/20/00	N5°E	i = 0.02
(F)	11/7/00	N35°E	i = 0.025
(G)	2/28/01	N5°E	i = 0.02
(H)	5/29/01	North	i = 0.05
(I)	8/22/01	N5°E	i = 0.04
(J)	11/26/01	North	i = 0.03
(K)	2/25/02	N35°E	i = 0.03
(L)	5/29/02	N–NE	i = 0.02
(M)	8/26/02	N–NE	i = 0.02
(N)	11/19/02	N–NE	i = 0.02
(O)	2/18/03	N–NE	i = 0.05
(P)	5/14/03	N–NE	i = 0.02
(Q)	8/20/03	N–NE	i = 0.02
(R)	11/20/03	N–NE	i = 0.02
(S)	3/2/04	Northerly	i = 0.04
(T)	6/7/04	N–NE	i = 0.04
(U)	9/2/04	Northerly	i = 0.03
(V)	1/4/05	Northerly	i = 0.03
(W)	3/22/05	NNW	i = 0.02
(X)	6/8/05	Northerly	i = 0.03
(Y)	9/26/05	NNW	i = 0.04
(Z)	12/23/05	Northerly	i = 0.03

Identifier Tag	Date	Est Flow Direction	Gradient Slope

Water Supply Well

Monitoring Well Location

DW = Domestic Well

HD = Hand Dug

OFS = Out of Service

∗ Artesian Conditions

∗∗ MW–9D not used for GW Flow Direction & Gradient.

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SANTA ROSA, CALIFORNIA 95403
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PROJECT TITLE: JOHN RIDDELL
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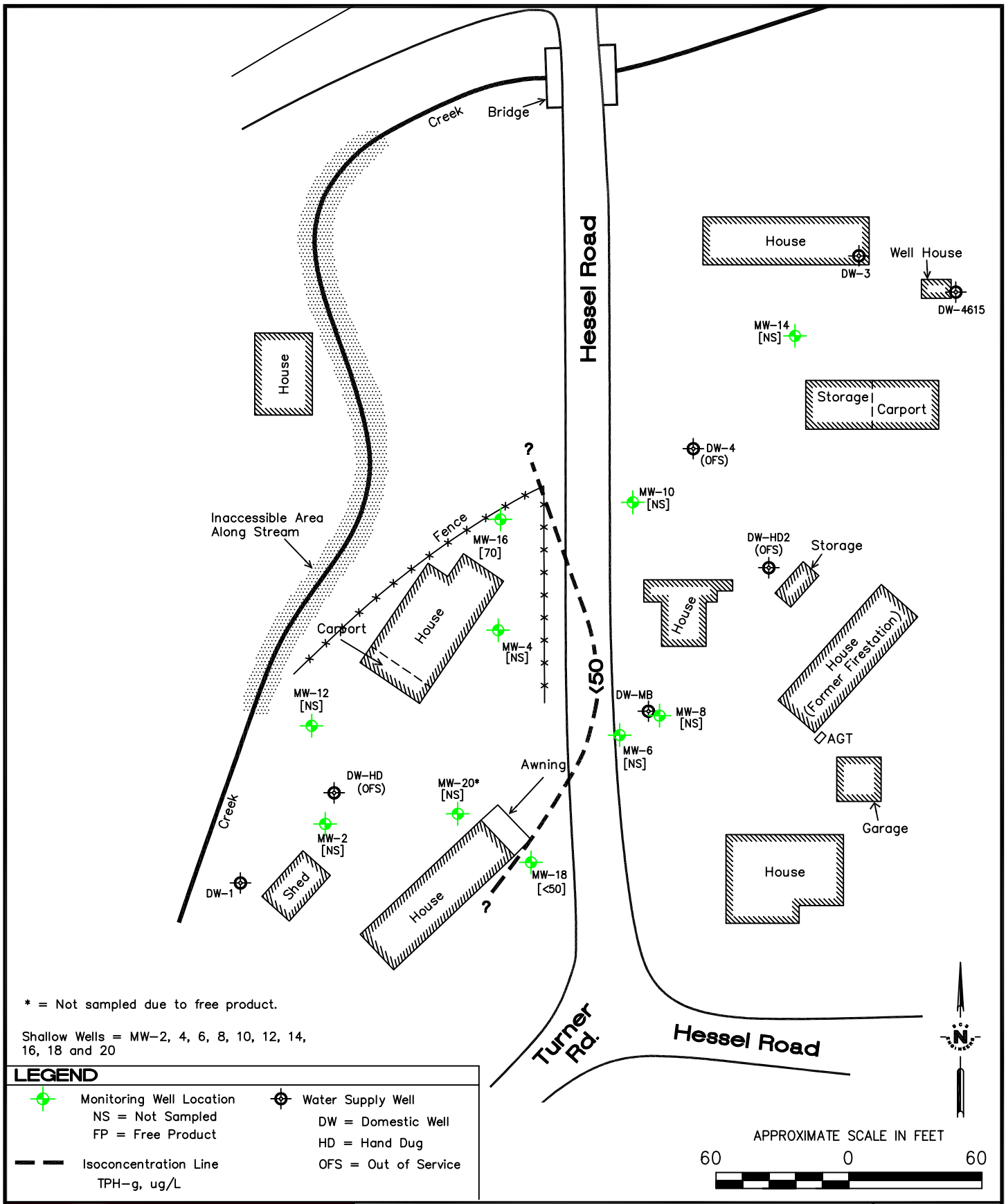
SEBASTOPOL, CALIFORNIA

SCALE: 1" = 60'

FIGURE NO.: 2B



* = Not sampled due to free product.

Shallow Wells = MW-2, 4, 6, 8, 10, 12, 14, 16, 18 and 20

LEGEND

- Monitoring Well Location
  - NS = Not Sampled
  - FP = Free Product
- Isoconcentration Line
  - TPH-g, ug/L
- Water Supply Well
  - DW = Domestic Well
  - HD = Hand Dug
  - OFS = Out of Service

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ENVIRONMENTAL CONSULTANTS
3645 WESTWIND BOULEVARD
SANTA ROSA, CALIFORNIA 95403
PH. (707) 546-9461 FAX. (707) 544-5769

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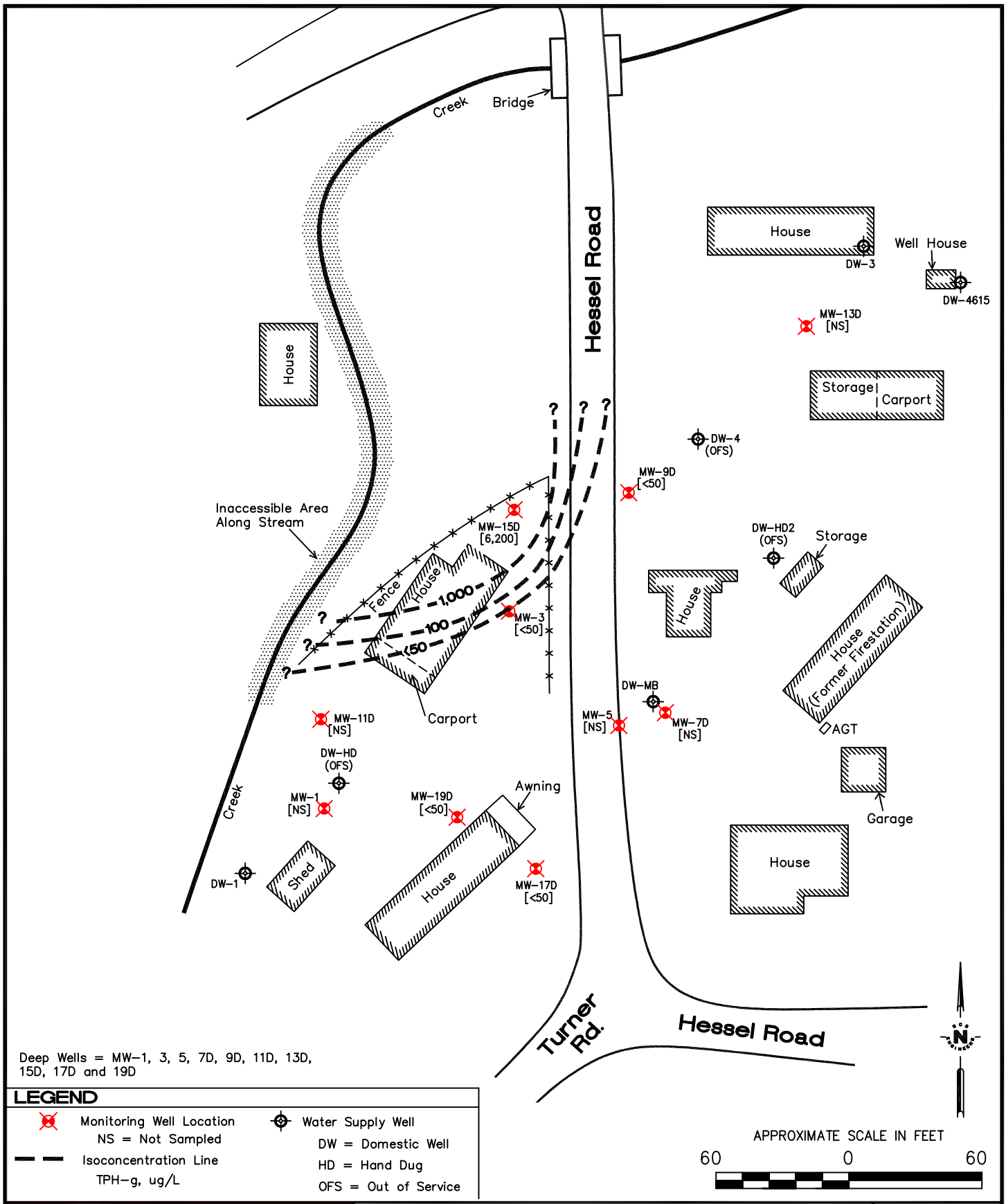
DATE: 2/6/06	CHK. BY:	APP. BY: SK

SHEET TITLE: ISOCONCENTRATION MAP
TPH-g IN SHALLOW WELLS FOR 12/23/05

PROJECT TITLE: JOHN RIDDELL
4660 HESSEL ROAD
SEBASTOPOL, CALIFORNIA

SCALE: 1" = 60'

FIGURE NO.: 3A



Deep Wells = MW-1, 3, 5, 7D, 9D, 11D, 13D, 15D, 17D and 19D

LEGEND

- Monitoring Well Location
  - NS = Not Sampled
- Isoconcentration Line
  - TPH-g, ug/L
- Water Supply Well
  - DW = Domestic Well
  - HD = Hand Dug
  - OFS = Out of Service

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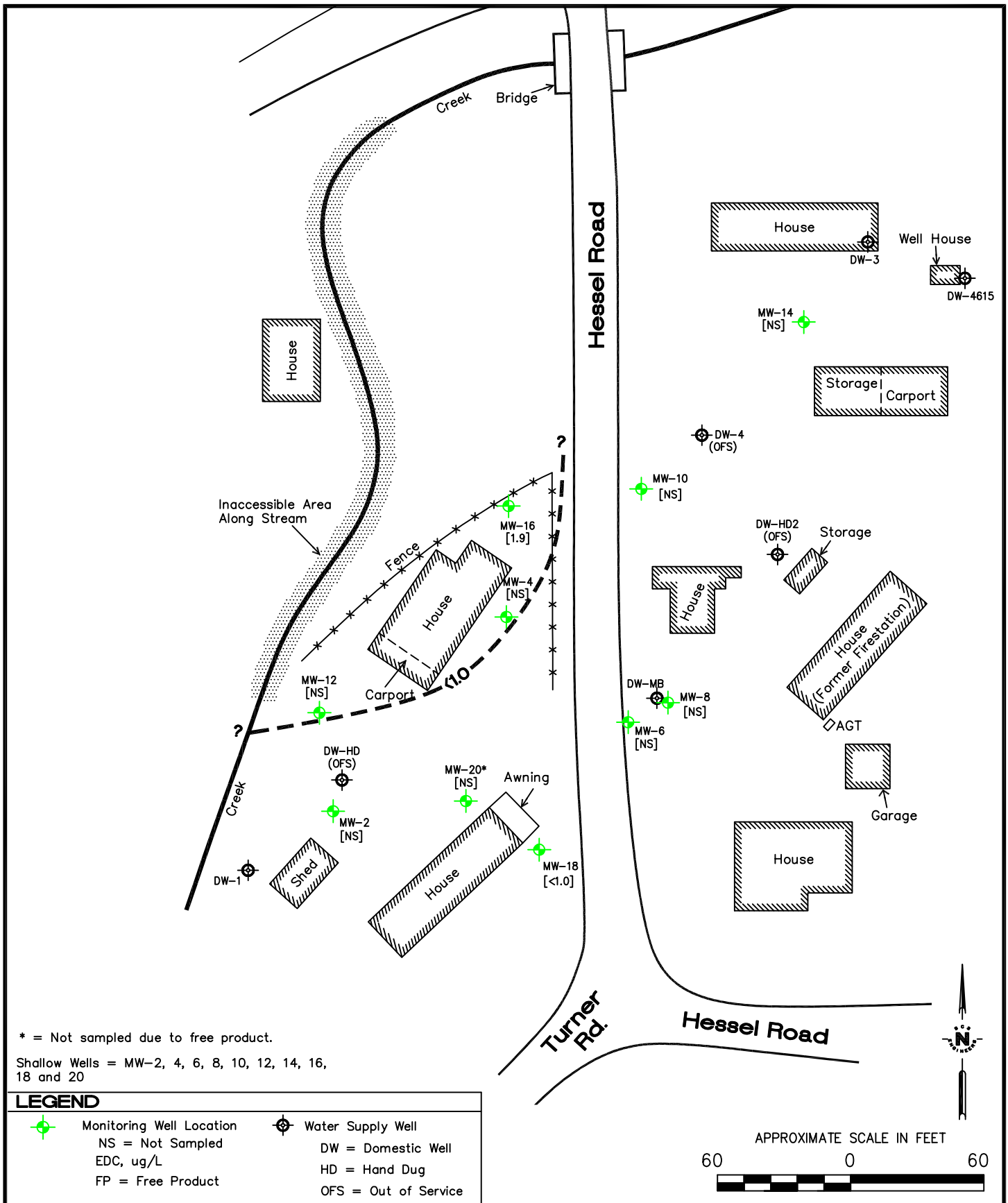
DATE: 1/30/06	CHK. BY:	APP. BY: SK

SHEET TITLE: ISOCONCENTRATION MAP
TPH-g IN DEEP WELLS FOR 12/23/05

PROJECT TITLE: JOHN RIDDELL
4660 HESSEL ROAD
SEBASTOPOL, CALIFORNIA

SCALE: 1" = 60'

FIGURE NO.: 3B



* = Not sampled due to free product.

Shallow Wells = MW-2, 4, 6, 8, 10, 12, 14, 16, 18 and 20

LEGEND

Monitoring Well Location
NS = Not Sampled
EDC, ug/L
FP = Free Product

Water Supply Well
DW = Domestic Well
HD = Hand Dug
OFS = Out of Service

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3645 WESTWIND BOULEVARD
SANTA ROSA, CALIFORNIA 95403
PH. (707) 546-9461 FAX. (707) 544-5769

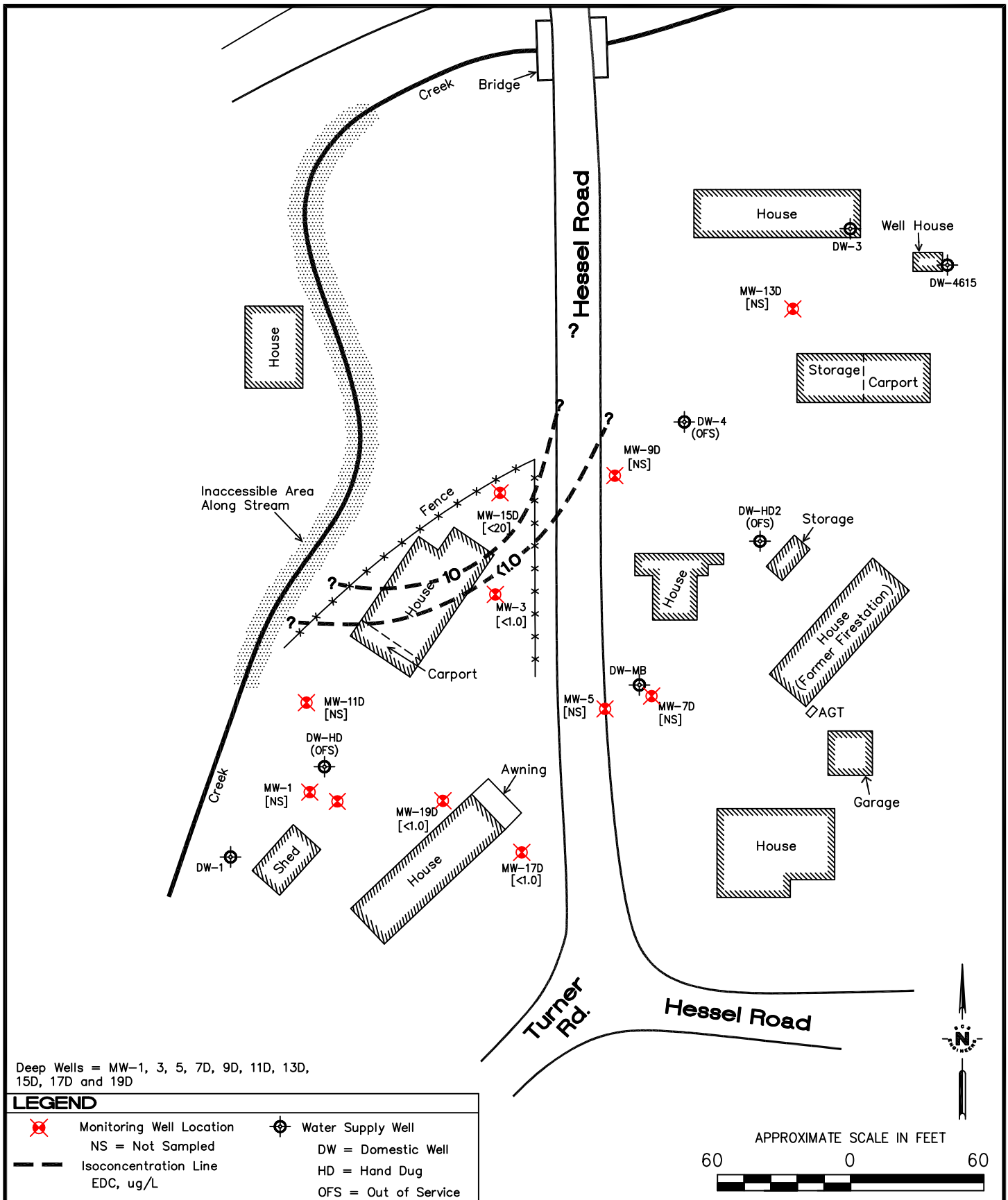
PROJ. NO.: 3317.00	DWN. BY: AJH	ACAD FILE: 3317.00-IS04A-3572
DATE: 2/7/06	CHK. BY:	APP. BY: SK

SHEET TITLE: ISOCONCENTRATION MAP
EDC IN SHALLOW WELLS FOR 12/23/05

PROJECT TITLE: JOHN RIDDELL
4660 HESSEL ROAD
SEBASTOPOL, CALIFORNIA

SCALE: 1" = 60'

FIGURE NO.: 4A



Deep Wells = MW-1, 3, 5, 7D, 9D, 11D, 13D, 15D, 17D and 19D

LEGEND

- Monitoring Well Location
  - NS = Not Sampled
- Isoconcentration Line
  - EDC, ug/L
- Water Supply Well
  - DW = Domestic Well
  - HD = Hand Dug
  - OFS = Out of Service

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3645 WESTWIND BOULEVARD
SANTA ROSA, CALIFORNIA 95403
PH. (707) 546-9461 FAX. (707) 544-5769

PROJ. NO.: 3317.00	DWN. BY: AJH	ACAD FILE: 3317.00-IS04B-3572
DATE: 2/7/06	CHK. BY:	APP. BY: SK

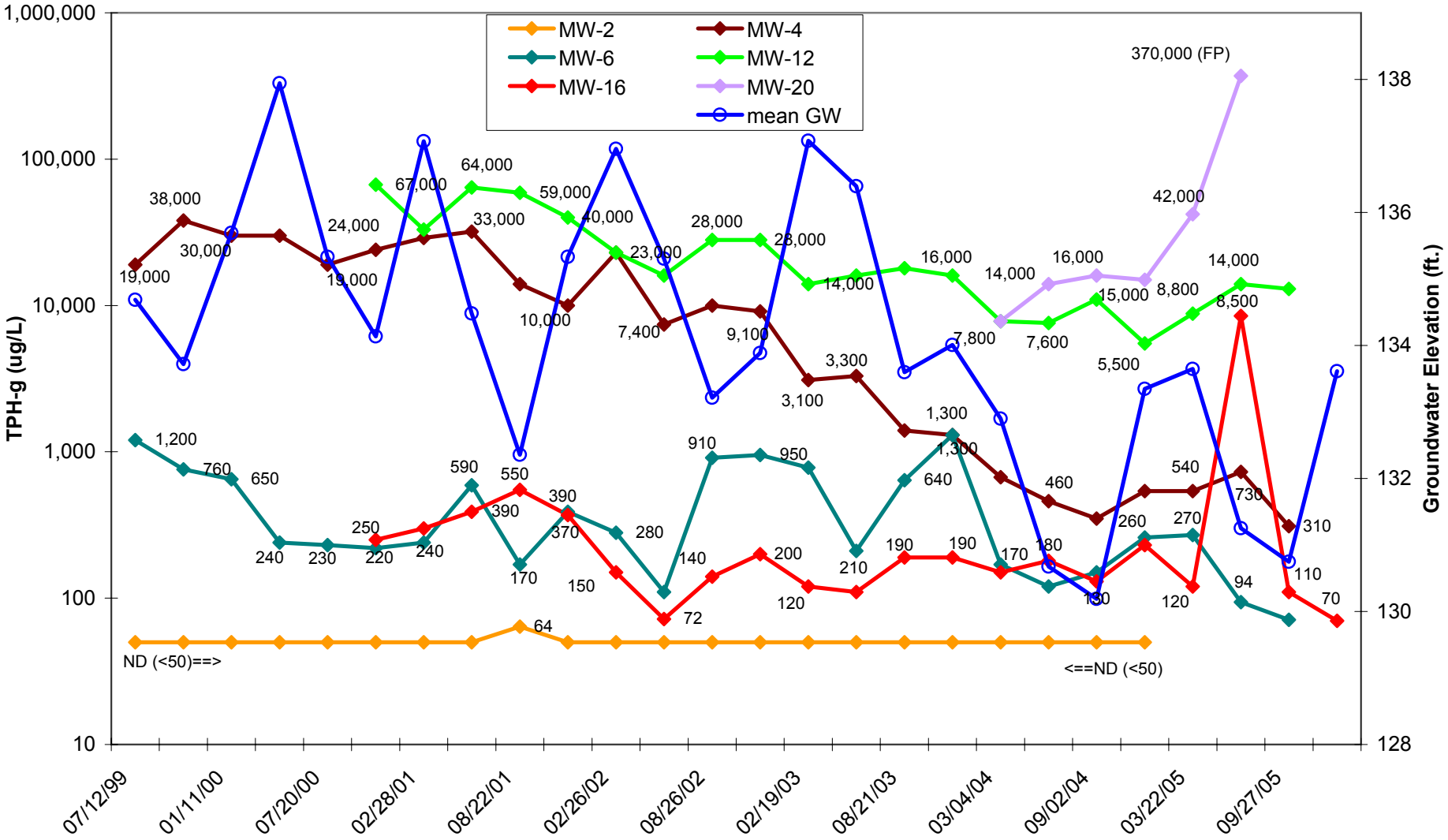
SHEET TITLE: ISOCONCENTRATION MAP
EDC IN DEEP WELLS FOR 12/23/05

PROJECT TITLE: JOHN RIDDELL
4660 HESSEL ROAD
SEBASTOPOL, CALIFORNIA

SCALE: 1" = 60'

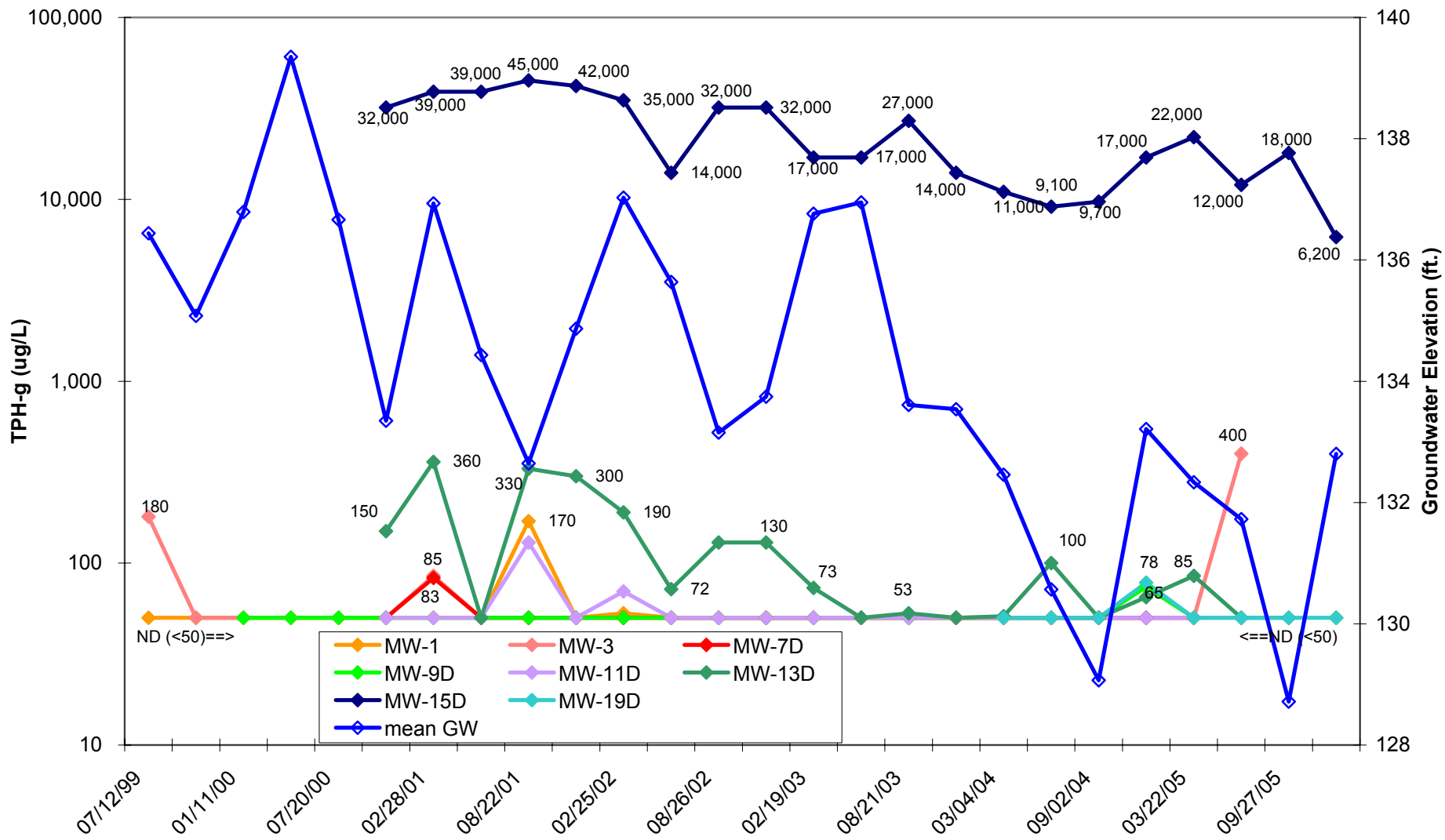
FIGURE NO.: 4B

DIAGRAMS AND TABLES



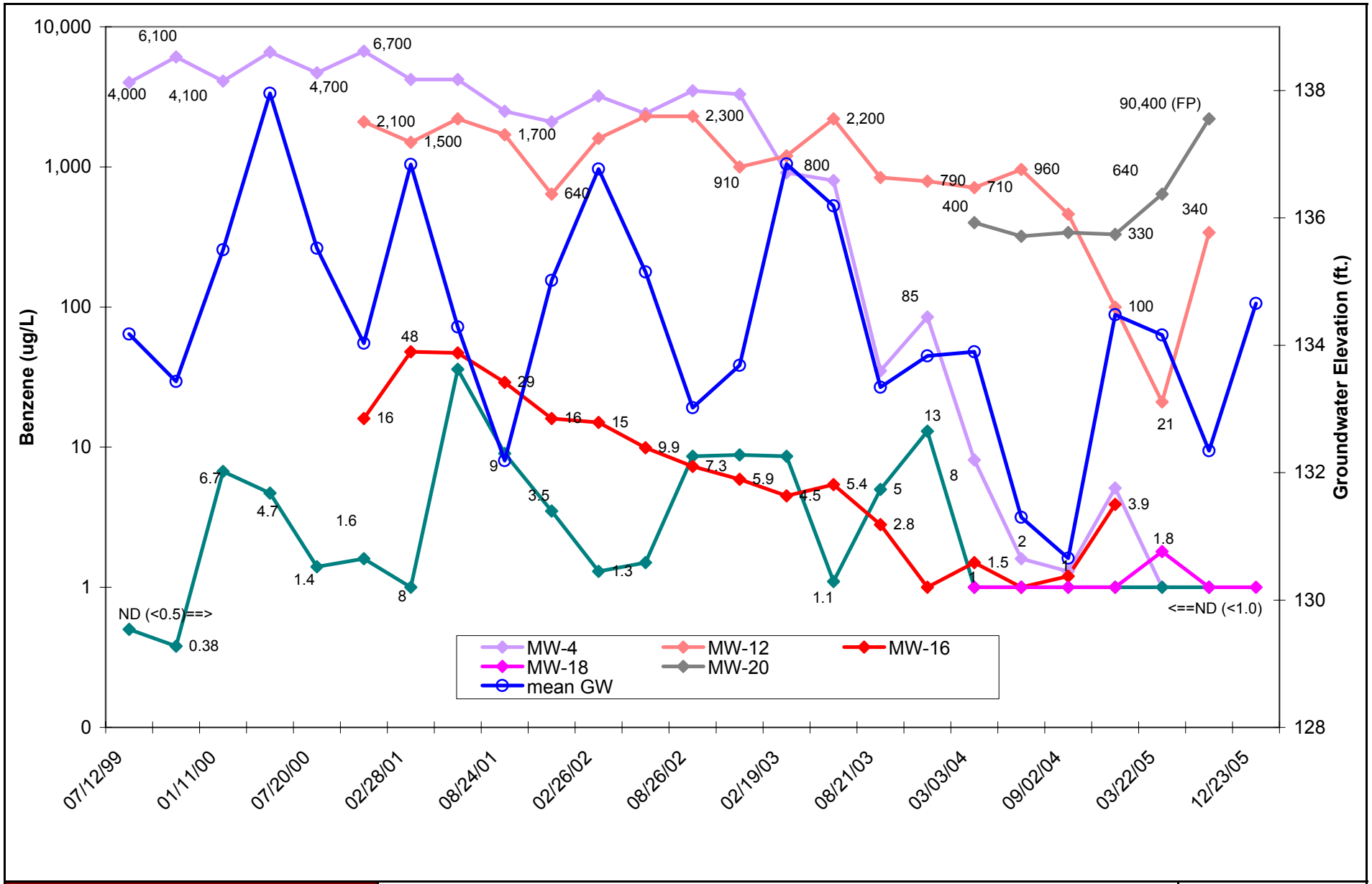
Confirmation sample collected from MW-16 on December 30, 2002, as the sample collected on November 20, 2002 was actually collected from MW-15D but was mislabeled as MW-16.
MW-2 has been placed on a semi-annual sampling program effective the 1st quarter 2005.

SCS ENGINEERS	TPH-g & GROUNDWATER ELEVATION vs TIME - Shallow Wells	DIAGRAM
3645 WESTWIND BOULEVARD SANTA ROSA, CALIFORNIA	John Riddell 4660 Hessel Road, Sebastopol, California	A
Drawn By: KLC File Name: TPH-g-GW	Job Number: 01203317.00	DATE: 12/23/05

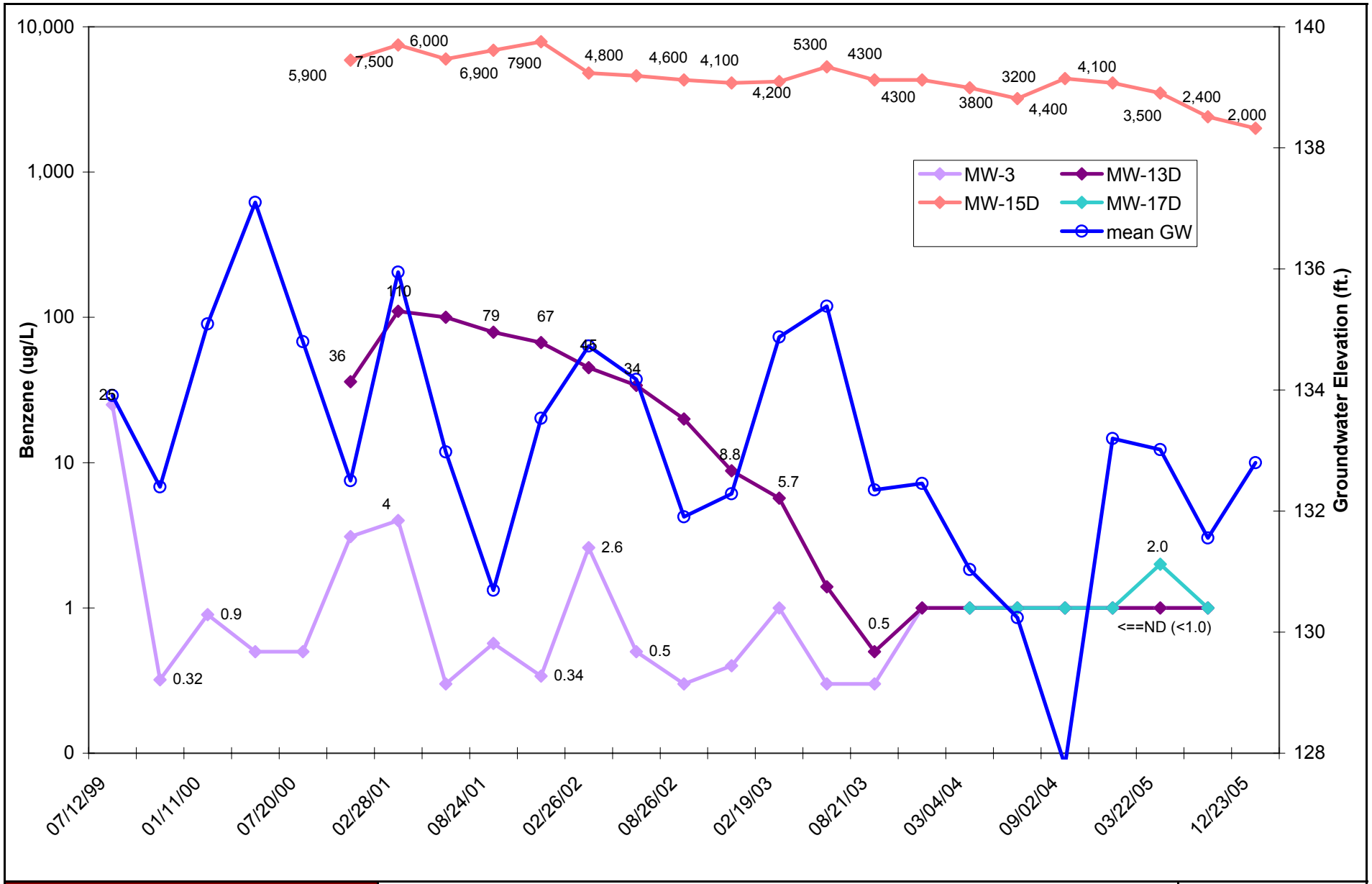


Confirmation sample collected from MW-16 on December 30, 2002, as the sample collected on November 20, 2002 was actually collected from MW-15D but was mislabeled as MW-16.
MW-1 has been placed on a semi-annual sampling program, effective the 1st quarter 2005.

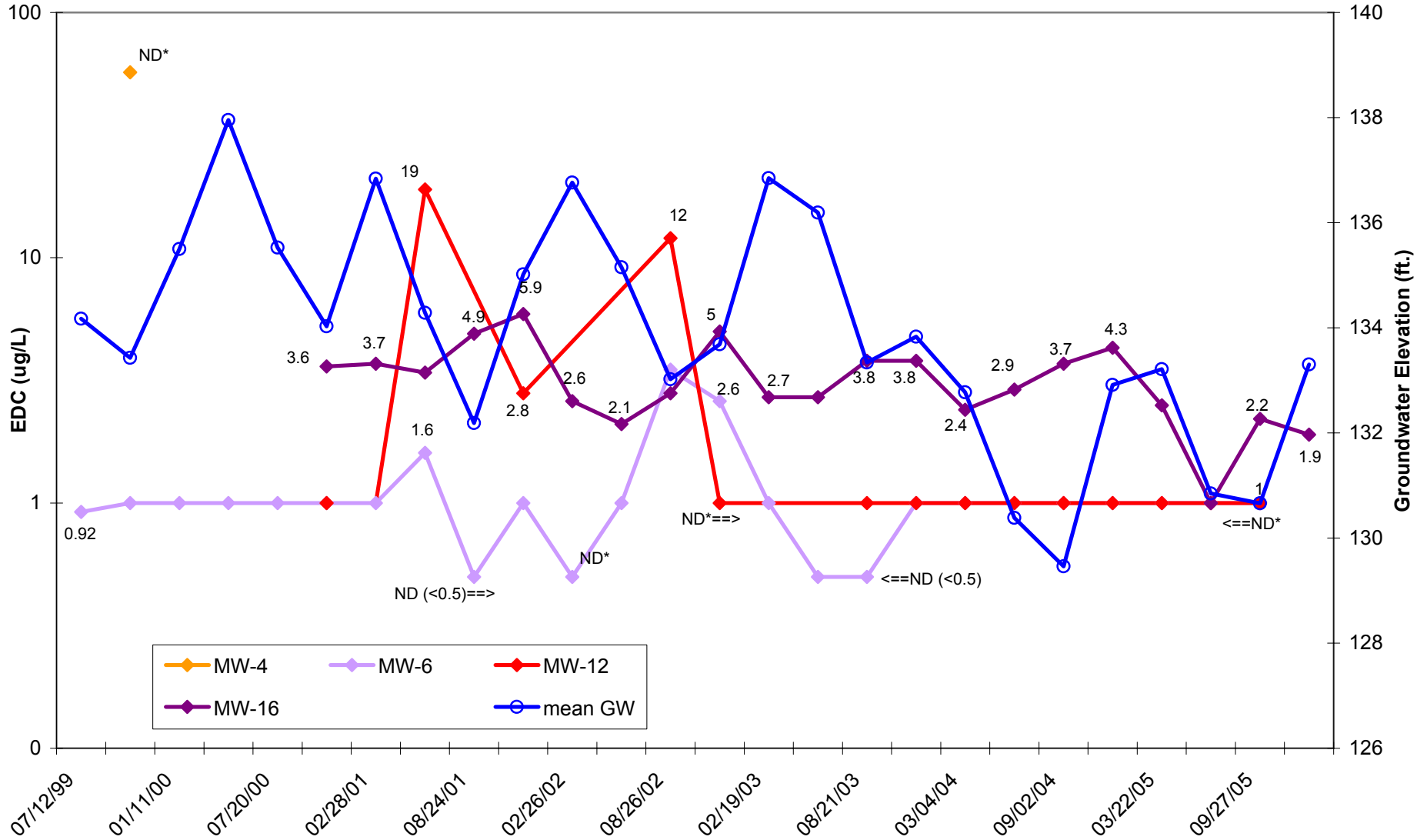
SCS ENGINEERS	**TPH-g & GROUNDWATER ELEVATION vs TIME - Deep Wells**	**DIAGRAM**
3645 WESTWIND BOULEVARD SANTA ROSA, CALIFORNIA	John Riddell 4660 Hessel Road, Sebastopol, California	**B**
Drawn By: KLC / File Name: TPH-g-GW	Job Number: 01203317.00	DATE: 12/23/05



SCS ENGINEERS	BENZENE & GROUNDWATER ELEVATION vs TIME - Shallow Wells	DIAGRAM
3645 WESTWIND BOULEVARD SANTA ROSA, CALIFORNIA	John Riddell 4660 Hessel Road, Sebastopol, California	C
Drawn By: KLC / File Name: BTEX-GW	Job Number: 01203317.00	DATE: 12/23/05

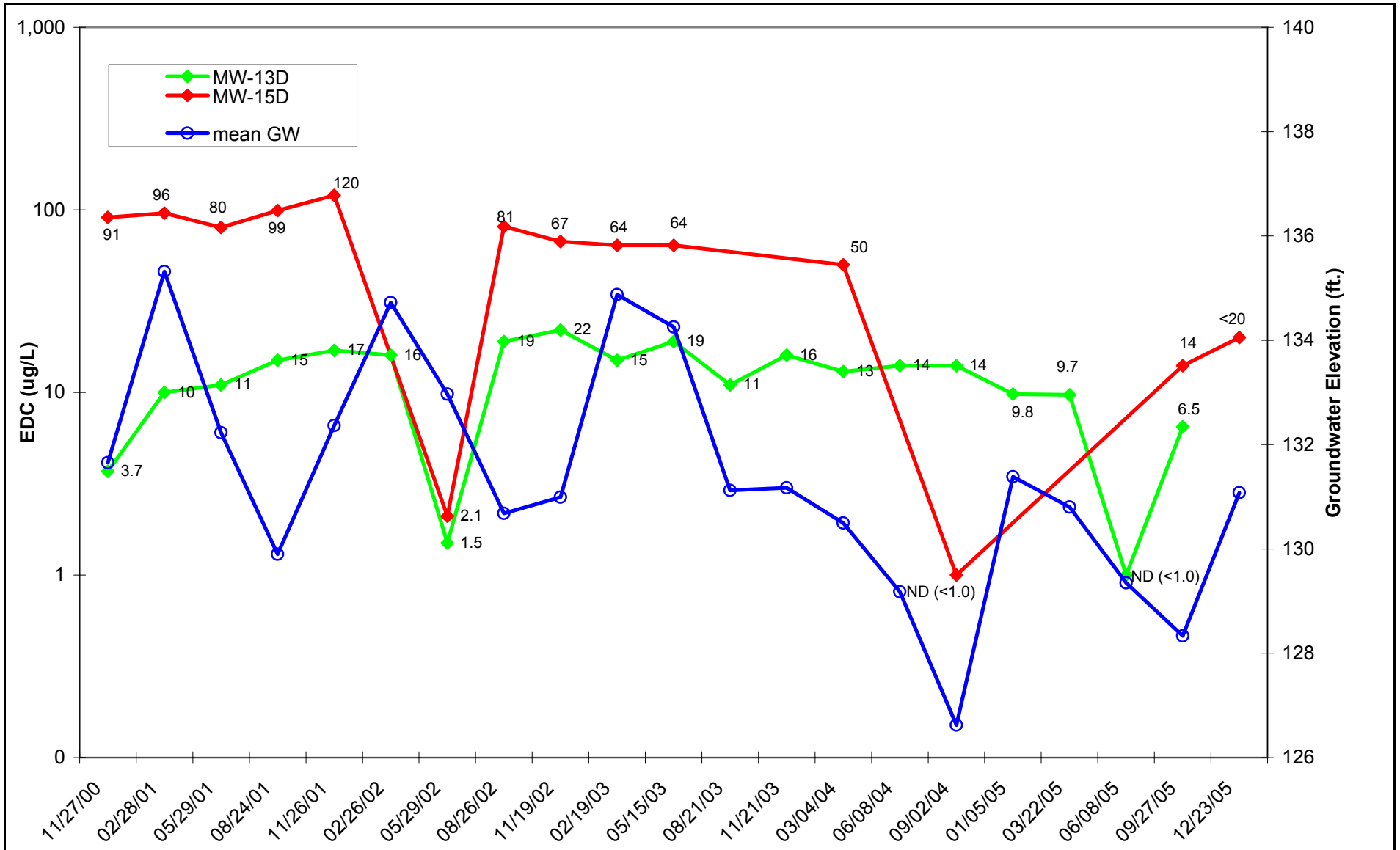


SCS ENGINEERS	BENZENE & GROUNDWATER ELEVATION vs TIME - Deep Wells	DIAGRAM
3645 WESTWIND BOULEVARD SANTA ROSA, CALIFORNIA	John Riddell 4660 Hessel Road, Sebastopol, California	D
Drawn By: KLC File Name: BTEX-GW	Job Number: 01203317.00	DATE: 12/23/05



Note: ND* indicates elevated detection limit, primarily in MW-12 samples.

SCS ENGINEERS	EDC & GROUNDWATER ELEVATION vs TIME - Shallow Wells	DIAGRAM
3645 WESTWIND BOULEVARD SANTA ROSA, CALIFORNIA	John Riddell 4660 Hessel Road, Sebastopol, California	E
Drawn By: KLC File Name: EDC-GW	Job Number: 01203317.00	DATE: 12/23/05



Note: ND* indicates one or samples with elevated detection limit.

SCS ENGINEERS	EDC & GROUNDWATER ELEVATION vs TIME - Deep Wells	DIAGRAM
3645 WESTWIND BOULEVARD SANTA ROSA, CALIFORNIA	John Riddell 4660 Hessel Road, Sebastopol, California	F
Drawn By: KLC File Name: EDC-GW	Job Number: 01203317.00	DATE: 12/23/05

Table 1: Groundwater Flow Direction and Gradient for Shallow Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-2	07/12/99	140.03	4.32	135.71	N20ºE i = 0.02
MW-4		137.78	3.88	133.91	
MW-6		140.00	5.56	134.44	
MW-2	10/20/99	140.03	5.73	134.30	N20ºW i = 0.04
MW-4		137.78	5.38	132.40	
MW-6		140.00	5.54	134.46	
MW-2	01/11/00	140.03	3.96	136.07	N10ºW i = 0.02
MW-4		137.78	2.69	135.09	
MW-6		140.00	4.09	135.91	
MW-2	04/18/00	140.03	2.12	137.91	N40ºW i = 0.04
MW-4		137.78	0.68	137.10	
MW-6		140.00	1.19	138.81	
MW-2	07/20/00	140.03	5.09	134.94	N45ºW i = 0.02
MW-4		137.78	2.98	134.80	
MW-6		140.00	3.75	136.25	
MW-2	11/27/00	140.03	5.47	134.56	NNE i = 0.025
MW-4		137.78	3.58	134.20	
MW-6		140.00	4.89	135.11	
MW-8		140.24	5.30	134.94	
MW-10		136.89	5.53	131.36	
MW-12		139.38	5.65	133.73	
MW-14		135.18	4.95	130.23	
MW-16		137.38	4.30	133.08	
MW-2	02/28/01	140.03	2.04	137.99	N20ºW i = 0.02
MW-4		137.78	0.57	137.21	
MW-6		140.00	1.16	138.84	
MW-8		140.24	1.64	138.60	
MW-10		136.89	0.85	136.04	
MW-12		139.39	3.75	135.64	
MW-14		135.18	0.21	134.97	
MW-16		137.38	1.72	135.66	
MW-2	05/29/01	140.03	4.78	135.25	N10ºW i = 0.03
MW-4		137.78	3.31	134.47	
MW-6		140.00	4.42	135.58	
MW-8		140.24	4.82	135.42	
MW-10		136.89	4.48	132.41	
MW-12		139.38	5.48	133.90	
MW-14		135.18	3.92	131.26	
MW-16		137.38	4.18	133.20	

Table 1: Groundwater Flow Direction and Gradient for Shallow Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-2	08/22/01	140.03	7.0	133.03	N10°W i = 0.02
MW-4		137.78	5.50	132.28	
MW-6		140.00	6.88	133.12	
MW-8		140.24	7.39	132.85	
MW-10		136.89	7.30	129.59	
MW-12		139.38	6.95	132.43	
MW-14		135.18	6.30	128.88	
MW-16		137.38	6.46	130.92	
MW-2	11/26/01	140.03	3.45	136.58	N10°W i = 0.02
MW-4		137.78	2.45	135.33	
MW-6		140.00	3.70	136.30	
MW-8		140.24	3.80	136.44	
MW-10		136.89	3.76	133.13	
MW-12		139.38	5.22	134.16	
MW-14		135.18	3.32	131.86	
MW-16		137.38	3.10	134.28	
MW-2	02/25/02	140.03	2.31	137.72	N20°W i = 0.03
MW-4		137.78	0.39	137.39	
MW-6		140.00	1.36	138.64	
MW-8		140.24	1.85	138.39	
MW-10		136.89	0.95	135.94	
MW-12		139.38	3.72	135.66	
MW-14		135.18	0.30	134.88	
MW-16		137.38	2.01	135.37	
MW-2	05/29/02	140.03	4.12	135.91	Northerly i = 0.02
MW-4		137.78	2.0	135.78	
MW-6		140.00	3.36	136.64	
MW-8		140.24	3.86	136.38	
MW-10		136.89	3.23	133.66	
MW-12		139.38	5.26	134.12	
MW-14		135.18	2.66	132.52	
MW-16		137.38	3.31	134.07	
MW-2	08/26/02	140.03	6.05	133.98	Northerly i = 0.01
MW-4		137.78	4.46	133.32	
MW-6		140.00	6.51	133.49	
MW-8		140.24	7.38	132.86	
MW-10		136.89	6.34	130.55	
MW-12		139.38	6.0	133.38	
MW-14		135.18	5.47	129.71	
MW-16		137.38	5.49	131.89	

Table 1: Groundwater Flow Direction and Gradient for Shallow Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-2	11/19/02	140.03	5.35	134.68	N to NE i = 0.02
MW-4		137.78	3.78	134.00	
MW-6		140.00	5.75	134.25	
MW-8		140.24	6.48	133.76	
MW-10		136.89	5.92	130.97	
MW-12		139.38	5.50	133.88	
MW-14		135.18	5.46	129.72	
MW-16		137.38	4.77	132.61	
MW-2	02/18/03	140.03	2.03	138.00	Apparent N-NE Gradient not calculated
MW-4		137.78	0.40	137.38	
MW-6		140.00	1.31	138.69	
MW-8		140.24	1.78	138.46	
MW-10		136.89	0.80	136.09	
MW-12		139.38	3.65	135.73	
MW-14		135.18	0.10	135.08	
MW-16		137.38	1.79	135.59	
MW-2	05/14/03	140.03	2.82	137.21	Northerly i = 0.02
MW-4		137.78	0.98	136.80	
MW-6		140.00	2.04	137.96	
MW-8		140.24	2.53	137.71	
MW-10		136.89	1.74	135.15	
MW-12		139.38	4.31	135.07	
MW-14		135.18	1.02	134.16	
MW-16		137.38	2.45	134.93	
MW-2	08/20/03	140.03	5.41	134.62	Northeasterly i = 0.01
MW-4		137.78	4.05	133.73	
MW-6		140.00	5.98	134.02	
MW-8		140.24	6.77	133.47	
MW-10		136.89	5.77	131.12	
MW-12		139.38	5.82	133.56	
MW-14		135.18	4.72	130.46	
MW-16		137.38	5.33	132.05	
MW-2	11/20/03	140.03	5.33	134.70	Northeasterly i = 0.02
MW-4		137.78	3.47	134.31	
MW-6		140.00	5.45	134.55	
MW-8		140.24	6.13	134.11	
MW-10		136.89	5.90	130.99	
MW-12		139.38	5.58	133.80	
MW-14		135.18	5.25	129.93	
MW-16		137.38	4.71	132.67	

Table 1: Groundwater Flow Direction and Gradient for Shallow Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-2	03/02/04*	135.97	2.56	133.41	Northerly i = 0.03
MW-4		133.74	0.10	133.64	
MW-6		135.97	1.60	134.37	
MW-8		136.20	1.57	134.63	
MW-10		132.85	1.0	131.85	
MW-12		135.32	3.79	131.53	
MW-14		131.15	Artesian conditions		
MW-16		133.33	1.78	131.55	
MW-18		137.95	1.0	136.95	
MW-20		136.93	1.59	135.34	
Stand Pipe		135.11	5.20**	129.91	
Bridge		132.97	7.72	125.25	
MW-2	06/07/04	135.97	4.14	131.83	Northerly i = 0.03
MW-4		133.74	2.88	130.86	
MW-6		135.97	4.39	131.58	
MW-8		136.20	5.05	131.15	
MW-10		132.85	4.34	128.51	
MW-12		135.32	5.43	129.89	
MW-14		131.15	3.58	127.57	
MW-16		133.33	4.12	129.21	
MW-18		137.95	4.24	133.71	
MW-20		136.93	4.38	132.55	
Stand Pipe		135.11	6.14	128.97	
Bridge		132.97	7.84	125.13	
MW-2	09/02/04	135.97	2.87	133.10	N-NE i = 0.03
MW-4		133.74	3.97	129.77	
MW-6		135.97	5.61	130.36	
MW-8		136.20	6.32	129.88	
MW-10		132.85	5.99	126.86	
MW-12		135.32	5.35	129.97	
MW-14		131.15	4.86	126.29	
MW-16		133.33	5.58	127.75	
MW-18		137.95	4.47	133.48	
MW-20		136.93	4.33	132.60	
Stand Pipe		135.11	6.62	128.49	
Bridge		132.97	7.88	125.09	

* Previously existing wells were re-surveyed and MW-18 and MW-20 were surveyed to msl on February 26 and March 4, 2004.

** Measurement collected on March 12, 2004.

Table 1: Groundwater Flow Direction and Gradient for Shallow Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-2	01/04/05	135.97	1.33	134.64	N-NW i = 0.05
MW-4		133.74	Artesian conditions		
MW-6		135.97	0.56	135.41	
MW-8		136.20	1.15	135.05	
MW-10		132.85	0.39	132.46	
MW-12		135.32	4.11	131.21	
MW-14		131.15	Artesian conditions		
MW-16		133.33	1.21	132.12	
MW-18		137.95	0.47	137.48	
MW-20		136.93	0.76	136.17	
Stand Pipe		135.11	NM		
Bridge		132.97	NM		
MW-2	03/22/05	135.97	0.59	135.38	NW i = 0.04
MW-4		133.74	0.03	133.71	
MW-6		135.97	0.86	135.11	
MW-8		136.20	0.94	135.26	
MW-10		132.85	0.39	132.46	
MW-12		135.32	3.33	131.99	
MW-14		131.15	Artesian conditions		
MW-16		133.33	1.29	132.04	
MW-18		137.95	Artesian conditions		
MW-20		136.93	0.85	136.08	
Stand Pipe		135.11	3.87	131.24	
Bridge		132.97	NM		
MW-2	06/08/05	135.97	3.10	132.87	N-NW i = 0.04
MW-4		133.74	3.75	129.99	
MW-6		135.97	2.70	133.27	
MW-8		136.20	3.10	133.10	
MW-10		132.85	2.46	130.39	
MW-12		135.32	5.10	130.22	
MW-14		131.15	1.96	129.19	
MW-16		133.33	3.42	129.91	
MW-18		137.95	2.61	135.34	
MW-20		136.93	2.57	134.36	
Stand Pipe		135.11	5.81	131.24	
Bridge		132.97	NM		

Table 1: Groundwater Flow Direction and Gradient for Shallow Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-2	09/26/05	135.97	4.87	131.10	N-NW i = 0.03
MW-4		133.74	3.09	130.65	
MW-6		135.97	3.71	132.26	
MW-8		136.20	4.13	132.07	
MW-10		132.85	2.95	129.90	
MW-12		135.32	5.36	129.96	
MW-14		131.15	3.75	127.40	
MW-16		133.33	3.56	129.77	
MW-18		137.95	4.84	133.11	
MW-20		136.93	4.84	132.09	
Stand Pipe		135.11	6.05	131.24	
Bridge		132.97	NM		
MW-2	12/23/05	135.97	1.21	134.76	Northerly i = 0.004
MW-4		133.74	Artesian conditions		
MW-6		135.97	0.63	135.34	
MW-8		136.20	1.03	135.17	
MW-10		132.85	0.59	132.26	
MW-12		135.32	2.97	132.35	
MW-14		131.15	Artesian conditions		
MW-16		133.33	1.33	132.00	
MW-18		137.95	0.42	137.53	
MW-20		136.93	0.86	136.07	
Stand Pipe		135.11	NM		
Bridge		132.97	NM		

Table 2: Groundwater Flow Direction and Gradient for Deep Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-1	07/12/99	139.76	2.26	137.50	N85°E i = 0.02
MW-3		137.79	2.41	135.38	
MW-5		139.40	5.20	134.20	
MW-1	10/20/99	139.76	3.13	136.63	N75°E i = 0.03
MW-3		137.79	4.26	133.53	
MW-5		139.40	7.10	132.30	
MW-1	01/11/00	139.76	2.0	137.76	N15°E i = 0.02
MW-3		137.79	1.97	135.82	
MW-5		139.40	2.56	136.84	
MW-1	04/18/00	139.76	0.41	139.35	Not calculated
MW-3		137.79	Artesian conditions encountered		
MW-5		139.40	0.57	138.83	
MW-1	07/20/00	139.76	2.59	137.17	N5°E i = 0.01
MW-3		137.79	1.63	136.16	
MW-5		139.40	2.72	136.68	
MW-1	11/27/00	139.75	3.49	136.26	N35°E i = 0.025
MW-3		137.79	2.29	135.50	
MW-5		139.40	3.62	135.78	
MW-7D		140.14	4.32	135.82	
MW-9D		136.92	7.13	129.29	
MW-11D		139.41	2.74	136.67	
MW-13D		135.30	6.84	128.46	
MW-15D		137.22	5.78	131.44	
MW-1	02/28/01	139.75	0.56	139.19	N5°E i = 0.02
MW-3		137.79	Artesian conditions		
MW-5		139.40	0.17	139.23	
MW-7D		140.14	0.79	139.35	
MW-9D		136.92	2.91	134.01	
MW-11D		139.41	0.04	139.37	
MW-13D		135.30	0.59	134.71	
MW-15D		137.22	2.26	134.96	
MW-1	05/29/01	139.75	2.65	137.10	North i = 0.05
MW-3		137.79	1.70	136.09	
MW-5		139.40	2.86	136.54	
MW-7D		140.14	3.53	136.61	
MW-9D		136.92	4.80	132.12	
MW-11D		139.41	1.96	137.45	
MW-13D		135.30	5.87	129.43	
MW-15D		137.22	4.99	132.23	

Table 2: Groundwater Flow Direction and Gradient for Deep Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-1	08/22/01	139.75	4.75	135.00	N5°E i = 0.04
MW-3		137.79	3.82	133.97	
MW-5		139.40	5.07	134.33	
MW-7D		140.14	5.73	134.41	
MW-9D		136.92	6.78	130.14	
MW-11D		139.41	4.08	135.33	
MW-13D		135.30	5.99	129.31	
MW-15D		137.22	6.88	130.34	
MW-1	11/26/01	139.75	2.80	136.95	North i = 0.03
MW-3		137.79	1.92	135.87	
MW-5		139.40	3.40	136.00	
MW-7D		140.14	4.10	136.04	
MW-9D		136.92	3.71	133.21	
MW-11D		139.41	2.13	137.28	
MW-13D		135.30	3.49	131.81	
MW-15D		137.22	4.30	132.92	
MW-1	02/25/02	139.75	0.68	139.07	N35°E i = 0.03
MW-3		137.79	Artesian conditions		
MW-5		139.40	0.60	138.80	
MW-7D		140.14	1.16	138.98	
MW-9D		136.92	1.55	135.37	
MW-11D		139.41	0.12	139.29	
MW-13D		135.30	0.57	134.73	
MW-15D		137.22	2.50	134.72	
MW-1	05/29/02	139.75	1.91	137.84	N to NE i = 0.02
MW-3		137.79	1.20	136.59	
MW-5		139.40	2.36	137.04	
MW-7D		140.14	3.0	137.14	
MW-9D		136.92	3.14	133.78	
MW-11D		139.41	1.23	138.18	
MW-13D		135.30	2.65	132.65	
MW-15D		137.22	3.93	133.29	
MW-1	08/26/02	139.75	4.25	135.50	N to NE i = 0.02
MW-3		137.79	3.45	134.34	
MW-5		139.40	4.96	134.44	
MW-7D		140.14	5.59	134.55	
MW-9D		136.92	6.41	130.51	
MW-11D		139.41	3.60	135.81	
MW-13D		135.30	5.10	130.20	
MW-15D		137.22	6.05	131.17	

Table 2: Groundwater Flow Direction and Gradient for Deep Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-1	11/19/02	139.75	4.08	135.67	N to NE i = 0.02
MW-3		137.79	2.93	134.86	
MW-5		139.40	4.36	135.04	
MW-7D		140.14	4.99	135.15	
MW-9D		136.92	4.81	132.11	
MW-11D		139.41	2.97	136.44	
MW-13D		135.30	4.96	130.34	
MW-15D		137.22	5.57	131.65	
MW-1	02/18/03	139.75	1.03	138.72	Apparent N-NE Gradient not calculated
MW-3		137.79	Artesian conditions encountered		
MW-5		139.40	0.07	139.33	
MW-7D		140.14	1.24	138.90	
MW-9D		136.92	2.92	134.00	
MW-11D		139.41	0.20	139.21	
MW-13D		135.30	0.50	134.80	
MW-15D		137.22	2.27	134.95	
MW-1	05/14/03	139.75	1.19	138.56	N-NE i = 0.02
MW-3		137.79	0.15	137.64	
MW-5		139.40	1.08	138.32	
MW-7D		140.14	1.66	138.48	
MW-9D		136.92	0.50	136.42	
MW-11D		139.41	0.38	139.03	
MW-13D		135.30	1.15	134.15	
MW-15D		137.22	2.86	134.36	
MW-1	08/20/03	139.75	3.90	135.85	N-NE i = 0.02
MW-3		137.79	2.99	134.80	
MW-5		139.40	4.42	134.98	
MW-7D		140.14	5.03	135.11	
MW-9D		136.92	5.93	130.99	
MW-11D		139.41	3.14	136.27	
MW-13D		135.30	4.60	130.70	
MW-15D		137.22	5.67	131.55	
MW-1	11/20/03	139.75	3.93	135.82	N-NE i = 0.02
MW-3		137.79	2.77	135.02	
MW-5		139.40	4.15	135.25	
MW-7D		140.14	4.78	135.36	
MW-9D		136.92	6.98	129.94	
MW-11D		139.41	3.13	136.28	
MW-13D		135.30	4.81	130.49	
MW-15D		137.22	5.36	131.86	

Table 2: Groundwater Flow Direction and Gradient for Deep Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-1	3/2/2004*	135.69	1.00	134.69	Northerly i = 0.04
MW-3		133.75	1.65	132.10	
MW-5		135.36	0.30	135.06	
MW-7D		136.08	1.40	134.68	
MW-9D		132.88	4.40	128.48	
MW-11D		135.35	1.05	134.30	
MW-13D		131.28	Artesian conditions		
MW-15D		133.19	2.69	130.50	
MW-17D		137.84	1.60	136.24	
MW-19D		137.05	1.10	135.95	
MW-1	06/07/04	135.69	2.79	132.90	N-NE i = 0.04
MW-3		133.75	2.01	131.74	
MW-5		135.36	3.24	132.12	
MW-7D		136.08	3.85	132.23	
MW-9D		132.88	7.67	125.21	
MW-11D		135.35	2.18	133.17	
MW-13D		131.28	3.42	127.86	
MW-15D		133.19	4.55	128.64	
MW-17D		137.84	4.26	133.58	
MW-19D		137.05	3.73	133.32	
MW-1	09/02/04	135.69	4.24	131.45	Northerly i = 0.03
MW-3		133.75	2.98	130.77	
MW-5		135.36	4.20	131.16	
MW-7D		136.08	4.78	131.30	
MW-9D		132.88	11.58	121.30	
MW-11D		135.35	3.49	131.86	
MW-13D		131.28	5.21	126.07	
MW-15D		133.19	6.01	127.18	
MW-17D		137.84	4.16	133.68	
MW-19D		137.05	4.07	132.98	

* Previously existing wells were re-surveyed and new wells were surveyed to msl on February 26 and March 4, 2004

Table 2: Groundwater Flow Direction and Gradient for Deep Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-1	01/04/05	135.69	0.76	134.93	Northerly i = 0.03
MW-3		133.75	Artesian conditions		
MW-5		135.36	0.11	135.25	
MW-7D		136.08	1.00	135.08	
MW-9D		132.88	3.93	128.95	
MW-11D		135.35	0.31	135.04	
MW-13D		131.28	0.52	130.76	
MW-15D		133.19	1.18	132.01	
MW-17D		137.84	1.57	136.27	
MW-19D		137.05	1.34	135.71	
MW-1	03/22/05	135.69	1.39	134.30	N-NW i = 0.02
MW-3		133.75	Artesian conditions		
MW-5		135.36	0.86	134.50	
MW-7D		136.08	2.20	133.88	
MW-9D		132.88	7.12	125.76	
MW-11D		135.35	1.03	134.32	
MW-13D		131.28	0.20	131.08	
MW-15D		133.19	2.66	130.53	
MW-17D		137.84	1.14	136.70	
MW-19D		137.05	2.01	135.04	
MW-1	06/08/05	135.69	1.70	133.99	Northerly i = 0.03
MW-3		133.75	1.00	132.75	
MW-5		135.36	2.03	133.33	
MW-7D		136.08	2.83	133.25	
MW-9D		132.88	7.16	125.72	
MW-11D		135.35	0.45	134.90	
MW-13D		131.28	2.87	128.41	
MW-15D		133.19	2.90	130.29	
MW-17D		137.84	3.07	134.77	
MW-19D		137.05	2.57	134.48	
MW-1	09/26/05	135.69	4.33	131.36	N-NW i = 0.04
MW-3		133.75	2.55	131.20	
MW-5		135.36	2.95	132.41	
MW-7D		136.08	3.56	132.52	
MW-9D		132.88	18.51	114.37	
MW-11D		135.35	3.49	131.86	
MW-13D		131.28	2.91	128.37	
MW-15D		133.19	4.89	128.30	
MW-17D		137.84	5.64	132.20	
MW-19D		137.05	5.29	131.76	

Table 2: Groundwater Flow Direction and Gradient for Deep Wells
4660 Hessel Road, Sebastopol

Well #	Date	Top of Casing Elevation (feet > msl)	Depth to Groundwater (feet)	Water Level Elevation (feet > msl)	Groundwater Flow Direction & Gradient (i)
MW-1	12/23/05	135.69	1.15	134.54	Northerly i = 0.03
MW-3		133.75	Artesian conditions		
MW-5		135.36	Artesian conditions		
MW-7D		136.08	0.70	135.38	
MW-9D		132.88	5.66	127.22	
MW-11D		135.35	0.80	134.55	
MW-13D		131.28	0.28	131.00	
MW-15D		133.19	2.03	131.16	
MW-17D		137.84	1.61	136.23	
MW-19D		137.05	1.59	135.76	

Table 3: Domestic Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	Other VOCs
		µg/L									
DW-1	08/09/99	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	10/20/99	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	02/28/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	08/22/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	02/26/02	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	08/27/02	NA	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/21/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5
	03/03/04	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/27/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DW-HD	08/09/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/20/99	<50	<50	120	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	02/26/02	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	08/26/02	Well was dry									
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0
	08/20/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5
	03/03/04	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DW-HD2	08/09/99	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	10/20/99	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	02/28/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	08/22/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	02/26/02	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	08/26/02	NA	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/21/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	NA	<0.5	<0.5
	03/02/04	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 3: Domestic Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	Other VOCs
		µg/L									
DW-3	08/09/99	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	2.2	<0.5	NA
	10/20/99	<50	<50	<100	0.45	<0.3	<0.5	<0.5	4.9	<0.5	NA
	01/11/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	2.6	<0.5	NA
	01/17/00*	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	2.2	<0.5	NA
	04/18/00 INF	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	1.0	<0.5	NA
	04/18/00 EFF	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	1.0	<0.5	NA
	07/26/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	2.0	<0.5	NA
	11/27/00	<50	<50	<100	0.31	<0.3	<0.5	<0.5	3.2	<0.5	NA
	02/28/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	08/22/01	No access - Property owner not home									NA
	11/26/01	No access - Property owner not home									NA
	02/25/02	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	0.7	<0.5	NA
	08/26/02	NA	NA	NA	<0.3	<0.3	<0.5	<0.5	2.1	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/21/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5
	03/02/04	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

* Confirmation sampling of January 11, 2000 detections.

Table 3: Domestic Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	Other VOCs
		µg/L									
DW-4	08/09/99	190	NA	NA	<0.3	<0.3	<0.5	3.0	11 EDC	<0.5	NA
	10/20/99	500	<50	<100	50	1.3	2.9	23	20 EDC	<0.5	NA
	01/11/00	67	<50	<100	<0.3	<0.3	<0.5	2.6	7.1 EDC	<0.5	NA
	01/17/00*	83	NA	NA	1.0	<0.3	<0.5	<0.5	7.1 EDC	<0.5	NA
	04/18/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	07/20/00	<50	<50	<100	2.3	<0.3	<0.5	<0.5	2.6 EDC	<0.5	NA
	11/27/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	02/28/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	08/22/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	02/26/02	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA
	08/26/02	NA	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/21/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5
	03/02/04	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DW-4615	08/26/02	NA	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/15/03	NA	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5
	08/21/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5
	11/21/03	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/02/04	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/07/04	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/24/05	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/27/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/23/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DW-MB	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Note: Analysis for TPH-g, TPH-d, and TPH-mo removed from analytical suite with regulatory concurrence in August 20, 2002 letter.

* Confirmation sampling of January 11, 2000 contaminant hits.

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-1	07/12/99	<50	<50	<100	2.5	0.88	3.0	2.7	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/20/99	<50	<50	<100	0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/11/00	<50	<50	<100	<0.3	0.78	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/00	<50	<50	<200	1.1	0.52	0.68	1.7	<2.0	<2.0	<2.0	<2.0	<2.0	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/27/00	<50	<50	<100	0.43	<0.3	0.87	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/01	170	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/27/01	97	<50	<100	2.1	9.9	3.0	11	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/02	53	<50	<100	2.2	1.3	2.1	3.7	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/30/02	<50	<50	<200	3.0	0.64	1.4	3.8	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/02	<50	NA	NA	0.98	0.32	1.1	1.6	NA	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.83	<0.5	<0.5
	11/20/02	<50	NA	NA	4.2	0.58	1.9	2.4	NA	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	0.59	<0.5	0.76	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/20/03	<50	NA	NA	<0.3	0.76	<0.5	1.2	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/21/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/03/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/05/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-2	07/12/99	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/20/99	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/11/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/00	<50	<50	<100	<0.5	<0.5	<0.5	<1.5	<2.0	<2.0	<2.0	<2.0	<2.0	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/27/00	<50	<50	<100	<0.3	<0.3	0.86	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	<50	54	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/01	64	<50	<100	2.2	6.1	2.4	7.9	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/27/01	<50	<50	<100	<0.3	1.3	<0.5	0.79	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/02	<50	<50	<100	0.94	0.58	0.71	1.1	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/30/02	<50	<50	<200	1.5	<0.5	0.71	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/02	<50	NA	NA	2.9	0.67	2.8	3.4	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.77	<0.5	1.0	0.79	0.78
	11/20/02	<50	NA	NA	2.5	0.37	1.2	1.7	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.67	<0.5	0.80
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/20/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.52
	11/21/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/03/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/05/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-3	07/12/99	180	<50	<100	25	3.8	5.9	20	0.58	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/20/99	<50	<50	<100	0.32	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/11/00	<50	<50	<100	0.90	0.61	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/00	<50	<50	<200	<0.5	<0.5	<0.5	<1.5	<2.0	<2.0	<2.0	<2.0	<2.0	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/27/00	<50	<50	<100	3.1	4.5	1.4	4.8	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	85	79	<100	4.0	9.0	1.6	6.4	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/01	<50	<50	<100	0.57	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	<50	<50	<100	0.34	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/02	<50	<50	<100	2.6	0.45	0.66	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/30/02	<50	<50	<200	<0.5	<0.5	<0.5	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/20/02	<50	NA	NA	0.4	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/20/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/21/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	19	1.2	<1.0	<1.0	7.5	<1.0	8.6	<1.0	42	1.4	<1.0
	03/03/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/22/05	<50	NA	NA	1.0	<1.0	<1.0	4.2	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0
	06/08/05	400	NA	NA	<1.0	9.6	2.8	16.5	1.7	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.2	1.6	<1.0
	12/23/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-4	07/12/99	19000	3000	<100	4000	680	990	3200	57	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/20/99	38000	1200	<100	6100	330	1300	3100	<10	<10	<10	<10	<10	<200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/11/00	30000	1200	<100	4100	350	550	1600	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/00	30000	3300[1]	ND	6600	750	1000	2700	80	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/00	19000	3,200[1]	<200	4700	890	920	2200	62	<2.0	<2.0	<2.0	<2.0	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/27/00	24000	2,000[1]	<100	6700	330	1200	2400	67	<10	<10	<10	<10	<200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	29000	3900	330	4200	410	830	2800	<50	<50	<50	<50	<50	<500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	32000	1,400[1]	<110	4200	490	920	2700	42	<5.0	<5.0	<5.0	<5.0	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/01	14000	530[1]	<110	2500	150	540	640	21	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	10000	410[1]	<100	2100	70	90	800	16	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/02	23000	1,100[1]	<100	3200	<150	440	860	<250	<250	<250	<250	<250	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/30/02	7400	1,000[1]	<200	2400	40	390	290	<50	<50	<50	<50	<50	<1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/02	10000	NA	NA	3500	6.6	540	9.8	23	<0.5	NA	NA	NA	NA	8.8	4.3	<1.0	<0.5	21	2.4	11	51	100	1.2	<0.5
	11/19/02	9100	NA	NA	3300	9.2	380	26	23	<0.5	NA	NA	NA	NA	6.3	2.8	<1.0	<0.5	18	1.4	13	45	46	2.1	<0.5
	02/19/03	3100	NA	NA	910	<25	120	<25	<25	<25	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	29	<1.0	<1.0	<1.0
	05/15/03	3300	NA	NA	800	<15	110	<25	<25	<25	NA	NA	NA	NA	<25	<25	<50	<25	<25	<25	<25	36	<25	<25	<25
	08/21/03	1400	NA	NA	35	<3.0	80	<5.0	9.1	<5.0	NA	NA	NA	NA	<5.0	<5.0	<10	<5.0	9.7	<5.0	<5.0	27	<5.0	<5.0	<5.0
	11/20/03	1300	NA	NA	85	2.3	36	19.2	11	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/03/04	670	NA	NA	8.1	<1.0	7.6	<1.0	5.7	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	4.4	<1.0	<1.0	11	<1.0	<1.0	<1.0
	06/08/04	460	NA	NA	1.6	<1.0	1.4	<1.0	2.4	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	2.5	<1.0	<1.0	5.9	<1.0	<1.0	<1.0
	09/02/04	350	NA	NA	1.3	<1.0	<1.0	<1.0	2.3	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/05/05	540	NA	NA	5.1	<1.0	<1.0	<1.0	3	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0
	03/22/05	540	NA	NA	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	730	NA	NA	<1.0	6.4	5.7	43	<1.0	<1.0	<1.0	<1.0	<1.0	<25	6.0	<1.0	<1.0	<1.0	<1.0	<1.0	25	4.2	58	14	<1.0
	09/27/05	310	NA	NA	2.3	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

[1] According to the laboratory report, results in the diesel organics range are primarily due to overlap from a gasoline range product.

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-5	07/12/99	1,200	ND[2]	<100	13	0.89	19	7.3	0.92	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/20/99	760	58	<100	0.86	0.34	34	2.1	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/11/00	<50	<50	<100	1.1	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/00	ND	ND[1]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/00	<50	170[1]	<200	0.84	0.54	1.1	2.8	<2.0	<2.0	<2.0	<2.0	<2.0	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/27/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	<50	54	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/22/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/02	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/02	<50	<50	<200	<0.5	0.59	<0.5	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/26/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/19/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/20/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/20/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/03/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/22/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-6	07/12/99	<50	<50	<100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/20/99	<50	<50	<100	0.38	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/11/00	650	150	<100	6.7	<0.3	8.3	1.9	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/18/00	240	200	ND	4.7	1.1	3.6	3.2	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/20/00	230	170[1]	ND	1.4	<0.5	1.8	1.4	<2.0	<2.0	<2.0	<2.0	<2.0	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/27/00	220	59[1]	<100	1.6	3.1	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	240	120	<100	1.0	<0.3	4.9	2.9	<0.5	1.4	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	590	120[1]	<100	36	<0.3	21	1.6	1.6	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/22/01	170	110[1]	<100	9.0	<0.3	6.0	<0.5	<0.5	0.99	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	390	<50	<100	3.5	<0.3	5.6	<0.5	1	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5
	02/25/02	280	95[1]	<100	1.3	<0.3	7.5	2.6	<0.5	0.64	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/02	110	55[1]	<200	1.5	0.88	3.3	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/26/02	910	NA	NA	8.6	<0.3	29	3.2	3.5	<0.5	NA	NA	NA	NA	<0.5	2.2	<1.0	<0.5	4.8	0.92	3.7	8.3	2.8	2.5	<0.5
	11/19/02	950	NA	NA	8.8	0.38	19	1.6	2.6	<0.5	NA	NA	NA	NA	<0.5	1.7	1.3	<0.5	4.1	<0.5	4.5	5.3	1.2	0.62	<0.5
	02/19/03	780	NA	NA	8.6	<1.0	5.7	2.5	<1.0	<1.0	NA	NA	NA	NA	<1.0	1.0	<1.0	<1.0	3.5	<1.0	8.8	2.4	3.5	2.2	<1.0
	05/15/03	210	NA	NA	1.1	<0.3	4.4	1.5	<0.5	<0.5	NA	NA	NA	NA	0.9	2.0	2.1	<0.5	0.96	<0.5	2.4	1.7	2.5	1.7	<0.5
	08/21/03	640	NA	NA	5.0	<0.3	17	3.4	<0.5	<0.5	NA	NA	NA	NA	1.2	0.81	<1.0	<0.5	2.4	<0.5	4.9	5.0	3.6	3.3	<0.5
	11/20/03	1300	NA	NA	13	<1.0	27	3.9	<1.0	<1.0	<1.0	<1.0	<1.0	<25	11	2.1	<1.0	<1.0	9.7	<1.0	22	<1.0	5.1	7.8	<1.0
	03/03/04	170	NA	NA	<1.0	<1.0	3.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	1.2	1.0	<1.0
	06/08/04	120	NA	NA	<1.0	<1.0	2.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	1.0	<1.0
	09/02/04	150	NA	NA	<1.0	<1.0	4.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	260	NA	NA	<1.0	<1.0	2.5	1.0	<1.0	1.2	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0
	03/22/05	270	NA	NA	<1.0	<1.0	2.4	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	1.1	<1.0
	06/08/05	94	NA	NA	<1.0	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0
	09/26/05	71	NA	NA	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

[1] According to the laboratory report, results in the diesel organics range are primarily due to overlap from a gasoline range product.

[2] Also ND for TPH-k.

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-7D	11/27/00	<50	<50	<100	0.47	<0.3	1.3	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	83	70	<100	2.4	9.3	2.3	8.1	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/02	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/02	<50	<50	<200	<0.5	<0.5	<0.5	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/26/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/19/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/20/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/20/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/22/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-8	11/27/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	0.98	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	<50	52	<100	0.65	2.1	1.1	3.1	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/22/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/02	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/02	<50	<50	<200	<0.5	<0.5	<0.5	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/26/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	0.6	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<0.5
	11/19/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	1.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/20/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/20/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-9D	11/27/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/22/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/02	<50	<50	<100	<0.3	0.32	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/02	<50	<50	<200	<0.5	<0.5	<0.5	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/02	<50	NA	NA	0.44	<0.3	<0.5	0.99	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/20/02	<50	NA	NA	3.0	<0.3	0.71	0.87	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.54	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/15/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.54	<0.5	<0.5
	08/15/03	<50	NA	NA	0.42	1.1	0.55	2.2	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/21/03	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/21/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	74	NA	NA	<1.0	<1.0	<1.0	3.1	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	<1.0	<1.0
	03/22/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/23/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-10	11/27/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	<50	71	<100	0.85	3.9	1.4	4.0	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/22/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/02	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/02	<50	<50	<200	<0.5	<0.5	<0.5	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/26/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/19/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.54	<0.5	<0.5
	08/20/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/21/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-11D	11/27/00	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	<50	61	<100	4.6	29	3.7	15	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/01	130	<50	<100	4.3	17	3.6	12	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/27/01	<50	<50	<100	0.65	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/02	70	<50	<100	3.9	2.2	3.2	5.4	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/30/02	<50	<50	<200	5.8	0.6	1.7	3.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	08/27/02	<50	NA	NA	0.78	<0.3	0.86	1.0	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/20/02	<50	NA	NA	4.0	0.57	1.9	2.3	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	0.55	<0.5	0.71	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/14/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	0.54	<0.5	<0.5
	08/20/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/21/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/03/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/05/05	<50	NA	NA	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/22/05	<50	NA	NA	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-12	11/27/00	67,000	4,900	<100	2,100	14,000	1,700	8,800	<50	<50	<50	<50	<50	<1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	33,000	1,800	160	1,500	5,700	630	3,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	64,000	2,900[1]	<100	2,200	7,200	1,000	5,300	19	<5.0	<5.0	<5.0	<5.0	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/01	59,000	2,500[1]	<100	1,700	8,200	1,500	7,400	<50	<50	<50	<50	<50	<100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/27/01	40,000	800	<100	640	5,300	820	3,600	2.8	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/02	23,000	1,400[1]	<100	1,600	760	660	1,300	<250	<250	<250	<250	<250	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/30/02	16,000	2,000[1]	<200	2,300	280	790	1,600	<50	<50	<50	<50	<50	<1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/02	28,000	NA	NA	2,300	280	2,200	4,000	12	<5.0	NA	NA	NA	NA	<5.0	18	12	7	74	16	730	250	2,600	520	<5.0
	11/20/02	28,000	NA	NA	1,000	200	940	1,700	<0.5	<0.5	NA	NA	NA	NA	20	7.9	<1.0	<0.5	45	4.1	420	88	<0.5	260	<0.5
	02/19/03	14,000	NA	NA	1,200	200	680	920	<25	<25	NA	NA	NA	NA	<25	<25	<25	<25	29	<25	300	94	650	210	<25
	05/15/03	16,000	NA	NA	2,200	250	1,100	900	<50	<50	NA	NA	NA	NA	<50	<50	<100	<50	78	<50	500	140	950	300	<50
	08/21/03	18,000	NA	NA	840	340	790	1,200	<250	<250	NA	NA	NA	NA	<250	<250	<500	<250	<250	<250	300	<250	980	270	<250
	11/21/03	16,000	NA	NA	790	380	810	706	<20	<20	<20	<20	<20	<500	130	<20	<20	<20	37	<20	350	<20	1,100	290	<20
	03/04/04	7,800	NA	NA	710	180	490	442	<10	<10	<10	<10	<10	<250	<10	<10	<10	<10	26	<10	180	89	700	180	<10
	06/08/04	7,600	NA	NA	960	820	1,200	1,940	<10	<25	<25	<25	<25	<500	<25	<25	<25	<25	60	<25	480	210	1,600	440	<25
	09/02/04	11,000	NA	NA	460	720	670	1,185	<25	<25	<25	<25	<25	<500	<25	<25	<25	<25	36	<25	270	140	1,100	300	<25
	01/05/05	5,500	NA	NA	100	41	130	112	<2.0	<2.0	<2.0	<2.0	<2.0	<50	<2.0	3.0	<2.0	<2.0	9.2	3.8	62	36	240	65	<2.0
	03/22/05	8,800	NA	NA	21	5.8	39	31	<5.0	<5.0	<5.0	<5.0	<5.0	<100	7.1	<5.0	<5.0	<5.0	<5.0	<5.0	26	18	110	30	<5.0
	06/08/05	14,000	NA	NA	340	560	470	1,010	<5.0	<5.0	<5.0	<5.0	<5.0	<120	24	5.0	<5.0	<5.0	27	10	180	400	800	200	<5.0
	09/27/05	13,000	NA	NA	230	380	410	874	<5.0	<5.0	<5.0	<5.0	<5.0	<120	19	<5.0	<5.0	<5.0	23	<5.0	140	87	710	170	<5.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-13D	11/27/00	150	<50	<100	36	0.55	1.1	1.5	3.7	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	360	65	<100	110	<0.3	<0.5	<0.5	10	<0.5	<0.5	<0.5	<0.5	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	390	<50	<100	100	<0.3	<0.5	<0.5	11	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/22/01	330[3]	<50	<100	79	<0.3	<0.5	<0.5	15	<0.5	<0.5	<0.5	<0.5	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	300	<50	<100	67	<0.3	<0.5	0.5	17	<0.5	<0.5	<0.5	<0.5	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/02	190	<50	<100	45	1.6	0.58	<0.5	16	<0.5	<0.5	<10	<0.5	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/02	72	<50	<200	34	<0.5	<0.5	<1.5	15	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/26/02	130	NA	NA	20	<0.3	<0.5	<0.5	19	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/19/02	130	NA	NA	8.8	<0.3	<0.5	<0.5	22	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	73	NA	NA	5.7	<1.0	<1.0	<1.0	15	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/15/03	<50	NA	NA	1.4	<0.3	<0.5	<0.5	19	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/21/03	53	NA	NA	0.5	0.77	<0.5	1.4	11	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/20/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	16	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/02/04	51	NA	NA	<1.0	<1.0	<1.0	<1.0	13	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/04	100	NA	NA	<1.0	<1.0	<1.0	<1.0	14	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	14	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	65	NA	NA	<1.0	<1.0	<1.0	2.1	9.8	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0
	03/22/05	85	NA	NA	<1.0	<1.0	<1.0	<1.0	9.7	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/27/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	6.5	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

[3] According to laboratory report, gasoline results are primarily due to the presence of benzene.

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-14	11/27/00	<50	<50	<100	0.40	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	<50	82	<100	0.82	<0.3	1.1	1.6	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/22/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	<50	<50	<100	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/25/02	<50	<50	<100	<0.3	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/02	<50	<50	<200	<0.5	<0.5	<0.5	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/26/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/19/02	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/15/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/20/03	<50	NA	NA	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	11/20/03	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/22/05	<50	NA	NA	<1.0	<1.0	<1.0	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	6.3	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-15D	11/27/00	32,000	2,600	<100	5,900	490	1,200	3,100	91	<25	<25	<25	<25	<500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	39,000	2,900	<100	7,500	510	1500	3,500	96	<0.5	<0.5	<0.5	<0.5	650	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	39,000	840[1]	<100	6,000	360	940	2,100	80	<5.0	<5.0	<5.0	<5.0	330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/01	45,000	1,700[1]	<100	6,900	410	1,300	2,900	99	<50	<50	<50	<50	<1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	42,000	1700	<100	7900	520	1600	3,600	120	<50	<50	<50	<50	<1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/02	35,000	1,800[1]	<100	4,800	<300	710	1,300	<500	<500	<500	<500	<500	<10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/30/02	14,000	1,300[1]	<200	4,600	220	680	1,300	2.1	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/02	32,000	NA	NA	4,300	310	840	1,300	81	<50	NA	NA	NA	NA	<5.0	9.4	<5.0	<5.0	37	8.8	320	110	550	240	<5.0
	11/20/02	32,000	NA	NA	4,100	260	660	1,900	67	<10	NA	NA	NA	NA	12	11	<20	<10	29	<10	360	79	590	180	<10
	12/30/02[4]	15,000	NA	NA	3,700	86	81	310	69	<0.5	NA	NA	NA	NA	1.4	0.65	<1.0	<0.5	1.4	<0.5	5.1	2.1	48	32	<0.5
	02/19/03	17,000	NA	NA	4,200	200	660	1200	64	<1.0	NA	NA	NA	NA	<50	<50	<50	<50	<50	<50	170	53	330	130	<50
	05/15/03	17,000	NA	NA	5300	200	820	1,000	64	<0.5	NA	NA	NA	NA	<50	<50	<100	<50	57	<50	220	79	280	130	<50
	08/21/03	27,000	NA	NA	4300	200	740	1300	<250	<250	NA	NA	NA	NA	<250	<250	<500	<250	<250	<250	<250	<250	380	<250	<250
	11/21/03	14,000	NA	NA	4300	190	810	610	<50	<50	<50	<50	<50	<1,000	<50	<50	<50	<50	<50	<50	230	68	470	150	<50
	03/04/04	11,000	NA	NA	3800	180	660	1,153	50	<50	<50	<50	<50	<1,000	<50	<50	<50	<50	<50	<50	210	74	380	140	<50
	06/08/04	9,100	NA	NA	3200	120	580	870	<50	<50	<50	<50	<50	<1,000	<50	<50	<50	<50	<50	<50	180	<50	290	110	<50
	09/02/04	9,700	NA	NA	4,400	180	850	1,100	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	190	68	470	150	<1.0
	01/04/05	17,000	NA	NA	4,100	140	750	910	<50	<50	<50	<50	<50	<1,000	<50	<50	<50	<50	<50	<50	210	60	360	140	<50
	03/22/05	22,000	NA	NA	3,500	320	700	1,520	<50	<50	<50	<50	<50	<1,200	<50	<50	<50	<50	<50	<50	<50	76	520	160	<50
	06/08/05	12,000	NA	NA	2,400	100	450	540	<50	<50	<50	<50	<50	<1,200	<50	<50	<50	<50	<50	<50	120	<50	250	78	<50
	09/27/05	18,000	NA	NA	2,400	58	460	370	14	<10	<10	<10	<10	<250	<10	<10	<10	<10	13	<10	110	39	170	74	<10
	12/23/05	6,200	NA	NA	2,000	31	380	170	<20	<20	<20	<20	<20	<250	<20	<20	<20	<20	<20	<20	92	31	91	55	<20

[1] According to the laboratory report, results in the diesel organics range are primarily due to overlap from a gasoline range product.

[4] Confirmation sample collected on December 30, 2002, as the sample collected on November 20, 2002 was inadvertently collected from MW-15D and labeled as MW-16.

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-16	11/27/00	250	<50	<100	16	2.9	1.4	3.3	3.6	<0.5	<0.5	<0.5	<0.5	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/01	300	60	<100	48	0.67	1.5	2.5	3.7	<0.5	<0.5	<0.5	<0.5	46	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/29/01	390	<50	<100	47	<0.3	<0.5	<0.5	3.4	<0.5	<0.5	<0.5	<0.5	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/24/01	550	<50	<100	29	<0.3	0.51	0.61	4.9	<0.5	<0.5	<0.5	<0.5	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/26/01	370	73	<100	16	0.55	2	3.4	5.9	<0.5	<0.5	<0.5	<0.5	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/26/02	150	<50	<100	15	<0.3	1.2	2.1	2.6	<0.5	<0.5	<0.5	<0.5	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/30/02	72	<50	<200	9.9	0.52	1.6	2.4	2.1	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/02	140	NA	NA	7.3	0.4	1.3	1.3	2.8	<0.5	NA	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	0.67	<0.5	<0.5	<0.5	0.79	<0.5	<0.5
	12/30/02[4]	200	NA	NA	5.9	<0.3	<0.5	1.2	5	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	0.84	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	02/19/03	120	NA	NA	4.5	<1.0	<1.0	<1.0	2.7	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	05/15/03	110	NA	NA	5.4	<0.3	<0.5	<0.5	2.7	<0.5	NA	NA	NA	NA	<0.5	<0.5	<1.0	<0.5	0.81	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	08/21/03	190	NA	NA	2.8	<1.5	<2.5	<2.5	3.8	<2.5	NA	NA	NA	NA	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	11/21/03	190	NA	NA	<1.0	<1.0	<1.0	<1.0	3.8	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/03/04	150	NA	NA	1.5	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/04	180	NA	NA	<1.0	<1.0	<1.0	<1.0	2.9	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	130	NA	NA	1.2	<1.0	<1.0	<1.0	3.7	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	230	NA	NA	3.9	<1.0	<1.0	1.5	4.3	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/22/05	120	NA	NA	2.0	<1.0	<1.0	<1.0	2.5	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	8,500	NA	NA	8.8	420	190	1,290	<1.0	<1.0	<1.0	<1.0	<1.0	<25	69	9.6	<1.0	<1.0	17	22	300	76	1,000	250	<1.0
	09/27/05	110	NA	NA	7.9	<1.0	1.8	1.7	2.2	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/23/05	70	NA	NA	1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

[4] Confirmation sample collected on December 30, 2002, as the sample collected on November 20, 2002 was inadvertently collected from MW-15D and labeled as MW-16.

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-17D	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/22/05	450	NA	NA	2.0	27	6.6	43	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.6	1.5	16	3.7	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/26/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/23/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-18	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	03/22/05	720	NA	NA	1.8	38	11	70	<1.0	<1.0	<1.0	<1.0	<1.0	<25	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	3.2	26	8.0	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/26/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/23/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4: Monitoring Well Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
MW-19D	03/03/04	<50	NA	NA	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	8.5	<1.0	<1.0	<1.0	<1.0
	06/08/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.4	<1.0	<1.0	<1.0	<1.0
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/04/05	78	NA	NA	<1.0	2.2	<1.0	6.9	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	1.1	<1.0
	03/22/05	<50	NA	NA	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	09/26/05	<50	NA	NA	<1.0	2.4	1.1	6.3	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.7	<1.0	<1.0
	12/23/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20	03/03/04	7,800	NA	NA	400	2,600	460	3,420	<25	<25	<25	<25	<25	<500	<25	<25	<25	<25	26	<25	250	87	1,100	300	<25
	06/08/04	14,000	NA	NA	320	1,300	240	1,490	<25	<25	<25	<25	<25	<600	<25	<25	<25	<25	<25	<25	120	47	440	140	<25
	09/02/04	16,000	NA	NA	340	1,700	350	1,830	<25	<25	<25	<25	<25	<500	36	<25	<25	<25	<25	<25	170	78	840	250	<25
	01/04/05	15,000	NA	NA	330	1,100	150	1,470	<25	<25	<25	<25	<25	<500	<25	<25	<25	<25	<25	<25	140	51	590	180	<25
	03/22/05	42,000	NA	NA	640	4,200	980	6,100	<25	<25	<25	<25	<25	<600	75	<25	<25	<25	65	<25	680	230	2,600	680	<25
	06/08/05	370000[5]	NA	NA	2,200	24,000	7,200	57,000	<200	<200	<200	<200	<200	<5,000	22,000	2,700	<200	<200	1,900	2,100	46,000	12,000	150,000	42,000	<200

Note: TPH-d and TPH-mo removed from analytical suite for all wells with regulatory concurrence in August 20, 2002 letter.

[1] According to the laboratory report, results in the diesel organics range are primarily due to overlap from a gasoline range product.

[2] Also ND for TPH-k.

[3] According to laboratory report, gasoline results are primarily due to the presence of benzene.

[4] Confirmation sample collected on December 30, 2002, as the sample collected on November 20, 2002 was inadvertently collected from MW-15D and labeled as MW-16.

[5] The sample exhibited floating product. The sample for analysis was taken from beneath the floating product surface.

Table 5: Surface Water Analytical Results
4660 Hessel Road, Sebastopol

ID	Date	TPH-g	TPH-d	TPH-mo	benzene	toluene	ethylbenzene	xylenes	EDC	MTBE	DIPE	ETBE	TAME	TBA	n-butylbenzene	sec-butylbenzene	Methyl ethyl ketone	Styrene	isopropylbenzene	p-isopropyltoluene	naphthalene	n-propylbenzene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	Chloroform
		µg/L																							
Stand Pipe	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	01/05/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	06/08/05	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Stream 1	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Stream 2	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Stream 3	03/02/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Stream 1	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Stream 2	06/07/04	<50	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

APPENDICES

APPENDIX A

Well Purge Records - 4th Quarter 2005

SCS ENGINEERS

WELL PURGE RECORD

2005 - 4th Quarter

WELL NUMBER	PROJECT	JOB NUMBER	SITE	RECORDED BY
MW- 3	John Riddell	01203317.00	4660 Hessel Road	Rick Erdman

	PURGING METHOD	SAMPLING METHOD
HAND PUMP		
SUBMERSIBLE PUMP	X	
BAILER		X
OTHER		

PURGING CRITERIA **Minimum of 3 casing volumes, until discharge is clear and water characteristics have stabilized, or until dry.**

REMARKS

*** Oil/water interface probe used to check for NAPLs.**

CASING DIAMETER (D_C): 2.0

DEPTH TO:

WATER (h): 0.00

NAPL: n.a.*

NAPL THICKNESS: n.a.*

SCREEN DEPTH:

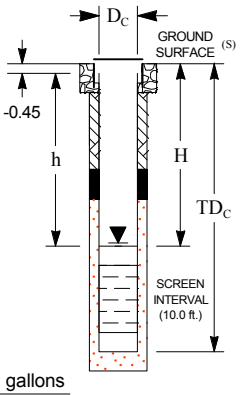
TOP: 14.0

BOTTOM: 24.0

TOTAL DEPTH (TD_C): 24.00

Diameters in (inches) : Depths in (feet)

ONE CASING VOLUME:
[TD_C - H] [3.14 (D_C / 2)^2] [7.48 gal/ft^3]: 3.84 gallons



DATE OF SAMPLING:	12/23/2005
WEATHER:	Cloudy
TAGGED WATER LEVELS FROM TOC:	0.00 / 0.00
TAGGED WELL DEPTH FROM TOC:	24.65
PURGE VOLUME (3 CASING VOLUMES):	11.5 gallons
DEPTH TO WATER FOR 80% RECHARGE:	4.71 ft. below TOC
TIME OF SAMPLING:	15:20
DEPTH TO WATER AT TIME OF SAMPLING:	4.93 ft. below TOC
APPEARANCE OF SAMPLE:	Clear
LABORATORY:	Analytical Sciences

SEE CHAIN OF CUSTODY FORM FOR ANALYTICAL INFORMATION.

PURGING DATA				CUMULATIVE TOTAL REMOVED		WATER CHARACTERISTICS					COMMENTS
DATE	TIME BEGIN	TIME FINISH	WATER REMOVED (GAL)	GAL	CASING VOLUMES	pH	CONDUC-TIVITY (mmhos/cm)	TURBIDITY (NTU)	TEMPER-ATURE (°C)	DISSOLVED OXYGEN (ppm)	
12/23/05	14:49	14:51	4	4	1.04	7.39	0.430	473	16.3	0.93	
12/23/05	14:51	14:54	4	8	2.08	6.99	0.443	295	16.3	0.85	
12/23/05	14:54	14:56	2	10	2.60	n.a.	n.a.	n.a.	n.a.	n.a.	Well went dry
12/23/05	14:56	15:00	0	10	2.60	n.a.	n.a.	n.a.	n.a.	n.a.	Recharge
12/23/05	15:00	15:02	2	12	3.12	7.00	0.437	265	16.4	1.57	

SCS ENGINEERS

WELL PURGE RECORD

2005 - 4th Quarter

WELL NUMBER	PROJECT	JOB NUMBER	SITE	RECORDED BY
MW- 9D	John Riddell	01203317.00	4660 Hessel Road	Rick Erdman

	PURGING METHOD	SAMPLING METHOD
HAND PUMP		
SUBMERSIBLE PUMP	X	
BAILER		X
OTHER		

PURGING CRITERIA **Minimum of 3 casing volumes, until discharge is clear and water characteristics have stabilized, or until dry.**

REMARKS

*** Oil/water interface probe used to check for NAPLs. MLE = Meter Limit Exceeded (>999 NTU's).**

CASING DIAMETER (D_C): 2.0

DEPTH TO:

WATER (h): 5.66

NAPL: n.a.*

NAPL THICKNESS: n.a.*

SCREEN DEPTH:

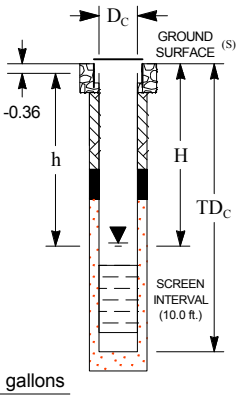
TOP: 20.0

BOTTOM: 30.0

TOTAL DEPTH (TD_C): 30.00

Diameters in (inches) : Depths in (feet)

ONE CASING VOLUME:
[TD_C - H] [3.14 (D_C / 2)^2] [7.48 gal/ft^3]: 3.91 gallons



DATE OF SAMPLING:	12/23/2005
WEATHER:	Cloudy
TAGGED WATER LEVELS FROM TOC:	5.66 / 5.66
TAGGED WELL DEPTH FROM TOC:	29.71
PURGE VOLUME (3 CASING VOLUMES):	11.7 gallons
DEPTH TO WATER FOR 80% RECHARGE:	10.46 ft. below TOC
TIME OF SAMPLING:	13:45
DEPTH TO WATER AT TIME OF SAMPLING:	9.55 ft. below TOC
APPEARANCE OF SAMPLE:	Clear
LABORATORY:	Analytical Sciences

SEE CHAIN OF CUSTODY FORM FOR ANALYTICAL INFORMATION.

PURGING DATA				CUMULATIVE TOTAL REMOVED		WATER CHARACTERISTICS					COMMENTS
DATE	TIME BEGIN	TIME FINISH	WATER REMOVED (GAL)	GAL	CASING VOLUMES	pH	CONDUC-TIVITY (mmhos/cm)	TURBIDITY (NTU)	TEMPER-ATURE (°C)	DISSOLVED OXYGEN (ppm)	
12/23/05	10:55	10:57	4	4	1.02	7.88	0.353	*MLE	16.0	0.82	
12/23/05	10:57	11:05	4	8	2.04	7.02	0.303	676	15.7	1.54	Well went dry
12/23/05	11:05	11:15	0	8	2.04	n.a.	n.a.	n.a.	n.a.	n.a.	Recharge
12/23/05	11:15	11:20	1	9	2.30	6.84	0.343	*MLE	16.0	1.97	Well dry

SCS ENGINEERS

WELL PURGE RECORD

2005 - 4th Quarter

WELL NUMBER	PROJECT	JOB NUMBER	SITE	RECORDED BY
MW-15D	John Riddell	01203317.00	4660 Hessel Road	Rick Erdman

	PURGING METHOD	SAMPLING METHOD
HAND PUMP		
SUBMERSIBLE PUMP	X	
BAILER		X
OTHER		

PURGING CRITERIA **Minimum of 3 casing volumes, until discharge is clear and water characteristics have stabilized, or until dry.**

REMARKS

*** Oil/water interface probe used to check for NAPLs.**

CASING DIAMETER (D_C): 2.0

DEPTH TO:

WATER (h): 2.03

NAPL: n.a.*

NAPL THICKNESS: n.a.*

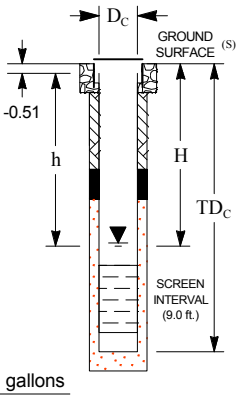
SCREEN DEPTH:

TOP: 16.0

BOTTOM: 25.0

TOTAL DEPTH (TD_C): 25.00

Diameters in (inches) : Depths in (feet)



ONE CASING VOLUME:
$[TD_C - H]\ [3.14\ (D_C / 2)^2]\ [7.48\ gal/ft^3]$: 3.67 gallons

DATE OF SAMPLING:	12/23/2005
WEATHER:	Cloudy
TAGGED WATER LEVELS FROM TOC:	2.03 / 2.03
TAGGED WELL DEPTH FROM TOC:	24.88
PURGE VOLUME (3 CASING VOLUMES):	11.0 gallons
DEPTH TO WATER FOR 80% RECHARGE:	6.52 ft. below TOC
TIME OF SAMPLING:	16:05
DEPTH TO WATER AT TIME OF SAMPLING:	6.60 ft. below TOC
APPEARANCE OF SAMPLE:	Cloudy
LABORATORY:	Analytical Sciences

SEE CHAIN OF CUSTODY FORM FOR ANALYTICAL INFORMATION.

PURGING DATA				CUMULATIVE TOTAL REMOVED		WATER CHARACTERISTICS					COMMENTS
DATE	TIME BEGIN	TIME FINISH	WATER REMOVED (GAL)	GAL	CASING VOLUMES	pH	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	TEMPERATURE (°C)	DISSOLVED OXYGEN (ppm)	
12/23/05	15:13	15:17	4	4	1.09	6.83	0.315	305	15.5	2.09	
12/23/05	15:17	15:25	4	8	2.18	6.72	0.311	550	15.7	4.71	
12/23/05	15:25	15:29	3.2	11.2	3.06	6.72	0.314	477	15.8	1.08	

SCS ENGINEERS

WELL PURGE RECORD

2005 - 4th Quarter

WELL NUMBER	PROJECT	JOB NUMBER	SITE	RECORDED BY
MW-16	John Riddell	01203317.00	4660 Hessel Road	Rick Erdman

	PURGING METHOD	SAMPLING METHOD
HAND PUMP		
SUBMERSIBLE PUMP	X	
BAILER		X
OTHER		

PURGING CRITERIA **Minimum of 3 casing volumes, until discharge is clear and water characteristics have stabilized, or until dry.**

REMARKS

*** Oil/water interface probe used to check for NAPLs. MLE = Meter Limit Exceeded (>999 NTU's).**

CASING DIAMETER (D_C): 2.0

DEPTH TO:

WATER (h): 1.33

NAPL: n.a.*

NAPL THICKNESS: n.a.*

SCREEN DEPTH:

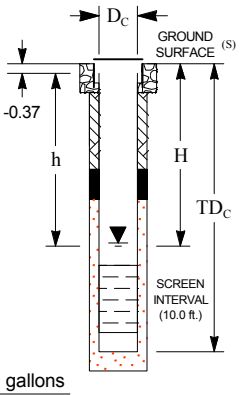
TOP: 5.0

BOTTOM: 15.0

TOTAL DEPTH (TD_C): 15.00

Diameters in (inches) : Depths in (feet)

ONE CASING VOLUME:
$[TD_C - H]\ [3.14\ (D_C / 2)^2]\ [7.48\ gal/ft^3]$: 2.17 gallons



DATE OF SAMPLING:	12/23/2005
WEATHER:	Cloudy
TAGGED WATER LEVELS FROM TOC:	1.33 / 1.33
TAGGED WELL DEPTH FROM TOC:	14.86
PURGE VOLUME (3 CASING VOLUMES):	6.5 gallons
DEPTH TO WATER FOR 80% RECHARGE:	3.99 ft. below TOC
TIME OF SAMPLING:	16:15
DEPTH TO WATER AT TIME OF SAMPLING:	4.01 ft. below TOC
APPEARANCE OF SAMPLE:	Slightly cloudy
LABORATORY:	Analytical Sciences

SEE CHAIN OF CUSTODY FORM FOR ANALYTICAL INFORMATION.

PURGING DATA				CUMULATIVE TOTAL REMOVED		WATER CHARACTERISTICS					COMMENTS
DATE	TIME BEGIN	TIME FINISH	WATER REMOVED (GAL)	GAL	CASING VOLUMES	pH	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	TEMPERATURE (°C)	DISSOLVED OXYGEN (ppm)	
12/23/05	15:40	15:41	2	2	0.92	6.55	0.471	*MLE	14.1	1.22	
12/23/05	15:41	15:42	2	4	1.84	6.56	0.466	*MLE	14.3	1.10	
12/23/05	15:42	15:43	1	5	2.30	n.a.	n.a.	n.a.	n.a.	n.a.	Well went dry
12/23/05	15:43	15:50	0	5	2.30	n.a.	n.a.	n.a.	n.a.	n.a.	Recharge
12/23/05	15:50	15:21	1	6	2.76	6.90	0.464	*MLE	14.5	1.81	

SCS ENGINEERS

WELL PURGE RECORD

2005 - 4th Quarter

WELL NUMBER	PROJECT	JOB NUMBER	SITE	RECORDED BY
MW-17D	John Riddell	01203317.00	4660 Hessel Road	Rick Erdman

	PURGING METHOD	SAMPLING METHOD
HAND PUMP		
SUBMERSIBLE PUMP	X	
BAILER		X
OTHER		

PURGING CRITERIA **Minimum of 3 casing volumes, until discharge is clear and water characteristics have stabilized, or until dry.**

REMARKS

*** Oil/water interface probe used to check for NAPLs.**

CASING DIAMETER (D_C): 2.0

DEPTH TO:

WATER (h): 1.61

NAPL: n.a.*

NAPL THICKNESS: n.a.*

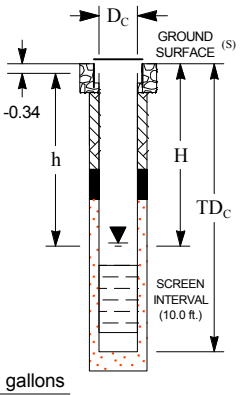
SCREEN DEPTH:

TOP: 15.0

BOTTOM: 25.0

TOTAL DEPTH (TD_C): 25.00

Diameters in (inches) : Depths in (feet)



ONE CASING VOLUME:
$[TD_C - H]\ [3.14\ (D_C / 2)^2]\ [7.48\ gal/ft^3]$: 3.76 gallons

DATE OF SAMPLING:	12/23/2005
WEATHER:	Cloudy
TAGGED WATER LEVELS FROM TOC:	1.61 / 1.61
TAGGED WELL DEPTH FROM TOC:	24.31
PURGE VOLUME (3 CASING VOLUMES):	11.3 gallons
DEPTH TO WATER FOR 80% RECHARGE:	6.22 ft. below TOC
TIME OF SAMPLING:	12:30
DEPTH TO WATER AT TIME OF SAMPLING:	6.15 ft. below TOC
APPEARANCE OF SAMPLE:	Clear
LABORATORY:	Analytical Sciences

SEE CHAIN OF CUSTODY FORM FOR ANALYTICAL INFORMATION.

PURGING DATA				CUMULATIVE TOTAL REMOVED		WATER CHARACTERISTICS					COMMENTS
DATE	TIME BEGIN	TIME FINISH	WATER REMOVED (GAL)	GAL	CASING VOLUMES	pH	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	TEMPERATURE (°C)	DISSOLVED OXYGEN (ppm)	
12/23/05	12:15	12:17	2	2	0.53	6.46	0.650	477	16.3	1.02	
12/23/05	12:17	12:19	3	5	1.33	6.47	0.675	465	16.1	0.63	
12/23/05	12:19	12:21	5	10	2.66	6.49	0.733	819	16.9	0.98	
12/23/05	12:21	12:22	1	11	2.92	6.53	0.747	824	17.0	1.31	

SCS ENGINEERS

WELL PURGE RECORD

2005 - 4th Quarter

WELL NUMBER	PROJECT	JOB NUMBER	SITE	RECORDED BY
MW-18	John Riddell	01203317.00	4660 Hessel Road	Rick Erdman

	PURGING METHOD	SAMPLING METHOD
HAND PUMP		
SUBMERSIBLE PUMP	X	
BAILER		X
OTHER		

PURGING CRITERIA: **Minimum of 3 casing volumes, until discharge is clear and water characteristics have stabilized, or until dry.**

REMARKS

*** Oil/water interface probe used to check for NAPLs. MLE = Meter Limit Exceeded (>999 NTU's).**

CASING DIAMETER (D_C): 2.0

DEPTH TO:

WATER (h): 0.42

NAPL: n.a.*

NAPL THICKNESS: n.a.*

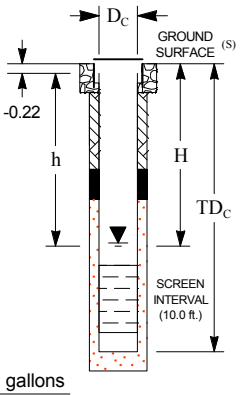
SCREEN DEPTH:

TOP: 5.0

BOTTOM: 15.0

TOTAL DEPTH (TD_C): 15.00

Diameters in (inches) : Depths in (feet)



ONE CASING VOLUME:
$[TD_C - H]\ [3.14\ (D_C / 2)^2]\ [7.48\ gal/ft^3]$: 2.34 gallons

DATE OF SAMPLING:	12/23/2005
WEATHER:	Cloudy
TAGGED WATER LEVELS FROM TOC:	0.42 / 0.42
TAGGED WELL DEPTH FROM TOC:	13.75
PURGE VOLUME (3 CASING VOLUMES):	7.0 gallons
DEPTH TO WATER FOR 80% RECHARGE:	3.29 ft. below TOC
TIME OF SAMPLING:	12:05
DEPTH TO WATER AT TIME OF SAMPLING:	3.09 ft. below TOC
APPEARANCE OF SAMPLE:	Cloudy
LABORATORY:	Analytical Sciences

SEE CHAIN OF CUSTODY FORM FOR ANALYTICAL INFORMATION.

PURGING DATA				CUMULATIVE TOTAL REMOVED		WATER CHARACTERISTICS					COMMENTS
DATE	TIME BEGIN	TIME FINISH	WATER REMOVED (GAL)	GAL	CASING VOLUMES	pH	CONDUCTIVITY (mmhos/cm)	TURBIDITY (NTU)	TEMPERATURE (°C)	DISSOLVED OXYGEN (ppm)	
12/23/05	11:40	11:41	2	2	0.85	6.24	0.225	*MLE	14.4	1.57	
12/23/05	11:41	11:44	3	5	2.13	6.10	0.225	*MLE	15.3	1.82	Well went dry
12/23/05	11:44	11:54	0	5	2.13	n.a.	n.a.	n.a.	n.a.	n.a.	Recharge
12/23/05	11:54	11:55	1.5	6.5	2.77	6.25	0.234	*MLE	15.8	2.51	

SCS ENGINEERS

WELL PURGE RECORD

2005 - 4th Quarter

WELL NUMBER	PROJECT	JOB NUMBER	SITE	RECORDED BY
MW-19D	John Riddell	01203317.00	4660 Hessel Road	Rick Erdman

	PURGING METHOD	SAMPLING METHOD
HAND PUMP		
SUBMERSIBLE PUMP	X	
BAILER		X
OTHER		

PURGING CRITERIA **Minimum of 3 casing volumes, until discharge is clear and water characteristics have stabilized, or until dry.**

REMARKS

*** Oil/water interface probe used to check for NAPLs. MLE = Meter Limit Exceeded (>999 NTU's).**

CASING DIAMETER (D_C): 2.0

DEPTH TO:

WATER (h): 1.59

NAPL: n.a.*

NAPL THICKNESS: n.a.*

SCREEN DEPTH:

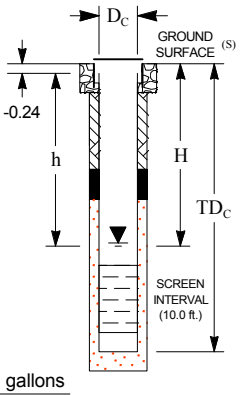
TOP: 15.0

BOTTOM: 25.0

TOTAL DEPTH (TD_C): 25.00

Diameters in (inches) : Depths in (feet)

ONE CASING VOLUME:
$[TD_C - H]\ [3.14\ (D_C / 2)^2]\ [7.48\ gal/ft^3]$: 3.78 gallons



DATE OF SAMPLING:	12/23/2005
WEATHER:	Cloudy
TAGGED WATER LEVELS FROM TOC:	1.59 / 1.59
TAGGED WELL DEPTH FROM TOC:	24.68
PURGE VOLUME (3 CASING VOLUMES):	11.3 gallons
DEPTH TO WATER FOR 80% RECHARGE:	6.22 ft. below TOC
TIME OF SAMPLING:	13:10
DEPTH TO WATER AT TIME OF SAMPLING:	6.21 ft. below TOC
APPEARANCE OF SAMPLE:	Very cloudy
LABORATORY:	Analytical Sciences

SEE CHAIN OF CUSTODY FORM FOR ANALYTICAL INFORMATION.

PURGING DATA				CUMULATIVE TOTAL REMOVED		WATER CHARACTERISTICS					COMMENTS
DATE	TIME BEGIN	TIME FINISH	WATER REMOVED (GAL)	GAL	CASING VOLUMES	pH	CONDUC-TIVITY (mmhos/cm)	TURBIDITY (NTU)	TEMPER-ATURE (°C)	DISSOLVED OXYGEN (ppm)	
12/23/05	12:40	12:42	3	3	0.79	7.23	0.358	*MLE	14.9	0.73	
12/23/05	12:42	12:44	3	6	1.59	7.08	0.320	*MLE	14.2	0.48	
12/23/05	12:44	12:46	2	8	2.12	n.a.	n.a.	n.a.	n.a.	n.a.	Well went dry
12/23/05	12:46	12:56	0	8	2.12	n.a.	n.a.	n.a.	n.a.	n.a.	Recharge
12/23/05	12:56	12:58	3.3	11.3	2.99	6.99	0.316	*MLE	15.0	1.44	

APPENDIX B

Analytical Sciences Report # 5122703, dated January 6, 2006
Analytical Sciences Report # 5122704, dated January 6, 2006

Analytical Sciences

January 06, 2006

Kevin Coker
SCS Engineers
3645 Westwind Blvd
Santa Rosa, CA 95403

Dear Kevin,

Enclosed you will find Analytical Sciences' final report 5122703 for your Hessel Rd. project. An invoice for this work is enclosed.

Should you or your client have any questions regarding this report please contact me at your convenience. We appreciate you selecting Analytical Sciences for this work and look forward to serving your analytical chemistry needs on projects in the future.

Sincerely,

Analytical Sciences

Mark A. Valentini

Mark A. Valentini, Ph.D.

Laboratory Director

P.O. Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA 94952

Analytical Sciences

Report Date: January 06, 2006

Laboratory Report

Kevin Coker
SCS Engineers
3645 Westwind Blvd
Santa Rosa, CA 95403

Project Name: **Hessel Rd.** **01203317.00**

Lab Project: **5122703**

This 9 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini, Ph.D.

Laboratory Director

P.O. Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA 94952

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122703-01	**DW-4615**	Gasoline	ND	50

Date Sampled:	12/23/05	Date Analyzed:	01/03/06	QC Batch:	B000456
Date Received:	12/27/05	Method:	EPA 8015		

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122703-01	**DW-4615**	Dichlorodifluoromethane	ND	1.0
		Chloromethane	ND	1.0
		Vinyl chloride	ND	1.0
		Chloroethane (CE)	ND	1.0
		Bromomethane	ND	1.0
		Trichlotrifluoroethane (Freon113)	ND	1.0
		Trichlorofluoromethane	ND	1.0
		1,1-Dichloroethene (1,1-DCE)	ND	1.0
		Methylene Chloride	ND	1.0
		trans-1,2-Dichloroethene	ND	1.0
		1,1-Dichloroethane (1,1-DCA)	ND	1.0
		cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0
		2,2-Dichloropropane	ND	1.0
		Chloroform (THM1)	ND	1.0
		Bromochloromethane	ND	1.0
		1,1,1-Trichloroethane (TCA)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,1-Dichloropropene	ND	1.0
		Carbon Tetrachloride	ND	1.0
		Benzene	ND	1.0
		Trichloroethene (TCE)	ND	1.0
		1,2-Dichloropropane (DCP)	ND	1.0
		Dibromomethane	ND	1.0
		Bromodichloromethane (THM2)	ND	1.0
		cis-1,3-Dichloropropene	ND	1.0
		Toluene	ND	1.0
		1,1,2-Trichloroethane	ND	1.0
		1,3-Dichloropropane	ND	1.0
		Dibromochloromethane (THM3)	ND	1.0
		Tetrachloroethene (PCE)	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		Chlorobenzene	ND	1.0
		1,1,1,2-Tetrachloroethane	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		Styrene	ND	1.0
		o-Xylene	ND	1.0
		Bromoform (THM4)	ND	1.0
		1,1,2,2-Tetrachloroethane	ND	1.0
		Isopropylbenzene	ND	1.0
		1,2,3-Trichloropropane	ND	1.0
		Bromobenzene	ND	1.0
		n-Propyl Benzene	ND	1.0
		2-Chlorotoluene	ND	1.0
		4-Chlorotoluene	ND	1.0
		1,3,5-Trimethylbenzene	ND	1.0
		tert-Butylbenzene	ND	1.0
		1,2,4-Trimethylbenzene	ND	1.0
		sec-Butylbenzene	ND	1.0

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122703-01	**DW-4615**	1,3-Dichlorobenzene	ND	1.0
		1,4-Dichlorobenzene	ND	1.0
		1,2-Dichlorobenzene	ND	1.0
		p-Isopropyltoluene	ND	1.0
		n-Butylbenzene	ND	1.0
		1,2-Dibromo-3-chloropropane	ND	1.0
		1,2,4-Trichlorobenzene	ND	1.0
		Naphthalene	ND	1.0
		Hexachlorobutadiene	ND	1.0
		1,2,3-Trichlorobenzene	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	12
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0

Surrogates	Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane	20.6	103	70-130
Toluene-d8	20.0	100	70-130
4-Bromofluorobenzene	19.4	97	70-130

Date Sampled:	12/23/05	Date Analyzed:	12/30/05	QC Batch: B000449
Date Received:	12/27/05	Method:	EPA 8260B	

Quality Assurance Report

TPH Gasoline in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B000456 - EPA 5030 GC										
Blank (B000456-BLK1)				Prepared & Analyzed: 01/03/06						
Gasoline	ND	50	ug/L							
Matrix Spike (B000456-MS1)		**Source: 5122704-01**		Prepared & Analyzed: 01/03/06						
Benzene	9.90	0.50	ug/L	10.0	ND	99	70-130			
Toluene	9.98	0.50	ug/L	10.0	ND	100	70-130			
Ethylbenzene	10.3	0.50	ug/L	10.0	ND	103	70-130			
Xylenes	31.1	1.5	ug/L	30.0	ND	104	70-130			
Matrix Spike Dup (B000456-MSD1)		**Source: 5122704-01**		Prepared & Analyzed: 01/03/06						
Benzene	9.84	0.50	ug/L	10.0	ND	98	70-130	1	20	
Toluene	9.88	0.50	ug/L	10.0	ND	99	70-130	1	20	
Ethylbenzene	10.1	0.50	ug/L	10.0	ND	101	70-130	2	20	
Xylenes	30.3	1.5	ug/L	30.0	ND	101	70-130	3	20	

Volatile Hydrocarbons by GC/MS in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B000449 - EPA 5030 GC/MS										
Blank (B000449-BLK1)				Prepared & Analyzed: 12/30/05						
Dichlorodifluoromethane	ND	1.0	ug/L							
Chloromethane	ND	1.0	ug/L							
Vinyl chloride	ND	1.0	ug/L							
Chloroethane (CE)	ND	1.0	ug/L							
Bromomethane	ND	1.0	ug/L							
Trichlotrifluoroethane (Freon113)	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
1,1-Dichloroethene (1,1-DCE)	ND	1.0	ug/L							
Methylene Chloride	ND	1.0	ug/L							
trans-1,2-Dichloroethene	ND	1.0	ug/L							
1,1-Dichloroethane (1,1-DCA)	ND	1.0	ug/L							
cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0	ug/L							
2,2-Dichloropropane	ND	1.0	ug/L							
Chloroform (THM1)	ND	1.0	ug/L							
Bromochloromethane	ND	1.0	ug/L							
1,1,1-Trichloroethane (TCA)	ND	1.0	ug/L							
1,2-Dichloroethane (EDC)	ND	1.0	ug/L							
1,1-Dichloropropene	ND	1.0	ug/L							
Carbon Tetrachloride	ND	1.0	ug/L							
Benzene	ND	1.0	ug/L							
Trichloroethene (TCE)	ND	1.0	ug/L							
1,2-Dichloropropane (DCP)	ND	1.0	ug/L							
Dibromomethane	ND	1.0	ug/L							
Bromodichloromethane (THM2)	ND	1.0	ug/L							
cis-1,3-Dichloropropene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
1,3-Dichloropropane	ND	1.0	ug/L							
Dibromochloromethane (THM3)	ND	1.0	ug/L							
Tetrachloroethene (PCE)	ND	1.0	ug/L							
1,2-Dibromoethane (EDB)	ND	1.0	ug/L							
Chlorobenzene	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
m,p-Xylene	ND	1.0	ug/L							
Styrene	ND	1.0	ug/L							
o-Xylene	ND	1.0	ug/L							
Bromoform (THM4)	ND	1.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Isopropylbenzene	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Bromobenzene	ND	1.0	ug/L							
n-Propyl Benzene	ND	1.0	ug/L							

Volatile Hydrocarbons by GC/MS in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B000449 - EPA 5030 GC/MS										
Blank (B000449-BLK1)				Prepared & Analyzed: 12/30/05						
2-Chlorotoluene	ND	1.0	ug/L							
4-Chlorotoluene	ND	1.0	ug/L							
1,3,5-Trimethylbenzene	ND	1.0	ug/L							
tert-Butylbenzene	ND	1.0	ug/L							
1,2,4-Trimethylbenzene	ND	1.0	ug/L							
sec-Butylbenzene	ND	1.0	ug/L							
1,3-Dichlorobenzene	ND	1.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
1,2-Dichlorobenzene	ND	1.0	ug/L							
p-Isopropyltoluene	ND	1.0	ug/L							
n-Butylbenzene	ND	1.0	ug/L							
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L							
1,2,4-Trichlorobenzene	ND	1.0	ug/L							
Naphthalene	ND	1.0	ug/L							
Hexachlorobutadiene	ND	1.0	ug/L							
1,2,3-Trichlorobenzene	ND	1.0	ug/L							
Tertiary Butyl Alcohol (TBA)	ND	12	ug/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	ug/L							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/L							
Tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/L							
Surrogate: Dibromofluoromethane	*20.8*		*ug/L*	*20.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*19.8*		*ug/L*	*20.0*		*99*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*19.6*		*ug/L*	*20.0*		*98*	*70-130*			
Matrix Spike (B000449-MS1)		**Source: 5122703-01**		Prepared & Analyzed: 12/30/05						
1,1-Dichloroethene (1,1-DCE)	23.5	1.0	ug/L	25.0	ND	94	70-130			
Benzene	23.5	1.0	ug/L	25.0	ND	94	70-130			
Trichloroethene (TCE)	23.4	1.0	ug/L	25.0	ND	94	70-130			
Toluene	23.3	1.0	ug/L	25.0	ND	93	70-130			
Chlorobenzene	22.7	1.0	ug/L	25.0	ND	91	70-130			
Surrogate: Dibromofluoromethane	*20.5*		*ug/L*	*20.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*20.0*		*ug/L*	*20.0*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*18.7*		*ug/L*	*20.0*		*94*	*70-130*			

Volatile Hydrocarbons by GC/MS in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B000449 - EPA 5030 GC/MS										
Matrix Spike Dup (B000449-MSD1)		**Source: 5122703-01**		Prepared & Analyzed: 12/30/05						
1,1-Dichloroethene (1,1-DCE)	22.4	1.0	ug/L	25.0	ND	90	70-130	4	20	
Benzene	22.5	1.0	ug/L	25.0	ND	90	70-130	4	20	
Trichloroethene (TCE)	22.6	1.0	ug/L	25.0	ND	90	70-130	4	20	
Toluene	22.4	1.0	ug/L	25.0	ND	90	70-130	3	20	
Chlorobenzene	22.0	1.0	ug/L	25.0	ND	88	70-130	3	20	
Surrogate: Dibromofluoromethane	*20.9*		*ug/L*	*20.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*20.1*		*ug/L*	*20.0*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*19.0*		*ug/L*	*20.0*		*95*	*70-130*			

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference

Analytical Sciences
P.O. Box 750336, Petaluma, CA 94975-0336
110 Liberty Street, Petaluma, CA 94952
(707) 769-3128

CHAIN OF CUSTODY

LAB PROJECT NUMBER: 5122703
SCS ENGINEERS PROJECT NAME: Hessel Road
SCS ENGINEERS PROJECT NUMBER: 01203317.00

CLIENT INFORMATION

COMPANY NAME: SCS ENGINEERS
ADDRESS: 3645 WESTWIND BOULEVARD
SANTA ROSA, CA 95403
CONTACT: Kevin Coker
PHONE#: (707) 546-9461
FAX #: (707) 544-5769

BILLING INFORMATION

CONTACT: John Riddell
COMPANY NAME:
ADDRESS: 4660 Hessel Road
Sebastopol, CA 95472
PHONE#: 823-1976
FAX #:

TURNAROUND TIME (check one)

MOBILE LAB [ ]
SAME DAY [ ] 24 HOURS [ ]
48 HOURS [ ] 72 HOURS [ ]
5 DAYS [ ] NORMAL [✓]

GEOTRACKER EDF: X Y ___ N
GLOBAL ID: T0609700318

COOLER TEMPERATURE
_____ °C

COC

PAGE 1 OF 1

ANALYSIS

ITEM	CLIENT SAMPLE I..D.	DATE SAMPLED	TIME	MATRIX	# CONT.	PRESV. YES/NO	TPH/GAS/BTEX EPA 8015M/8020	TPH DIESEL / MOTOR OIL EPA 8015M	VOLATILE HYDROCARBONS * EPA 8260 (FULL LIST)	EPA 8260 Full List + Oxy / Fuel Additives	BTEX & OXYGENATES + PB SCAVENGERS EPA 8260B	OXYGENATED FUEL ADDITIVES EPA 8260M	CHLORINATED SOLVENTS	SEMI-VOLATILE HYDROCARBONS EPA 8270	TRPH / TOG SM 5520F / EPA 418.1M	PESTICIDES / PCB'S EPA 8081 / 8141 / 8082	CAM 17 METALS / 5 LUFT METALS	TOTAL LEAD		COMMENTS 5122703	LAB SAMPLE #
1	DW-4615	12/23/05	1325	LIQ	3	Yes	X		X											*TBA DL less than 1a	-01
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					

SIGNATURES

RELINQUISHED BY: Rich Erdman	DATE:: 12/27/05	TIME: 0800	RECEIVED BY LABORATORY:
RECEIVED BY:	DATE::	TIME:	
RELINQUISHED BY:	DATE::	TIME:	
RECEIVED BY:	DATE:	TIME:	SIGNATURE — DATE 12/27/05 — TIME 0800

Analytical Sciences

January 06, 2006

Kevin Coker
SCS Engineers
3645 Westwind Blvd
Santa Rosa, CA 95403

Dear Kevin,

Enclosed you will find Analytical Sciences' final report 5122704 for your Hessel Rd. project. An invoice for this work is enclosed.

Should you or your client have any questions regarding this report please contact me at your convenience. We appreciate you selecting Analytical Sciences for this work and look forward to serving your analytical chemistry needs on projects in the future.

Sincerely,

Analytical Sciences

Mark A. Valentini

Mark A. Valentini, Ph.D.

Laboratory Director

P.O. Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA 94952

Analytical Sciences

Report Date: January 06, 2006

Laboratory Report

Kevin Coker
SCS Engineers
3645 Westwind Blvd
Santa Rosa, CA 95403

Project Name: **Hessel Rd.** **01203317.00**

Lab Project: **5122704**

This 22 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini, Ph.D.

Laboratory Director

P.O. Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA 94952

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-01	**MW-3**	Gasoline	ND	50

Date Sampled:	12/23/05	Date Analyzed:	01/03/06	QC Batch:	B000456
Date Received:	12/27/05	Method:	EPA 8015		

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-02	**MW-9D**	Gasoline	ND	50

Date Sampled:	12/23/05	Date Analyzed:	01/03/06	QC Batch:	B000456
Date Received:	12/27/05	Method:	EPA 8015		

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-03	**MW-15D**	Gasoline	6200	1000

Date Sampled:	12/23/05	Date Analyzed:	01/04/06	QC Batch:	B000456
Date Received:	12/27/05	Method:	EPA 8015		

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-04	**MW-16**	Gasoline	70	50

Date Sampled:	12/23/05	Date Analyzed:	01/03/06	QC Batch:	B000456
Date Received:	12/27/05	Method:	EPA 8015		

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-05	**MW-17D**	Gasoline	ND	50

Date Sampled:	12/23/05	Date Analyzed:	01/03/06	QC Batch:	B000456
Date Received:	12/27/05	Method:	EPA 8015		

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-06	**MW-18**	Gasoline	ND	50

Date Sampled:	12/23/05	Date Analyzed:	01/03/06	QC Batch:	B000456
Date Received:	12/27/05	Method:	EPA 8015		

TPH Gasoline in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-07	**MW-19D**	Gasoline	ND	50

Date Sampled:	12/23/05	Date Analyzed:	01/03/06	QC Batch:	B000456
Date Received:	12/27/05	Method:	EPA 8015		

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-01	**MW-3**	Dichlorodifluoromethane	ND	1.0
		Chloromethane	ND	1.0
		Vinyl chloride	ND	1.0
		Chloroethane (CE)	ND	1.0
		Bromomethane	ND	1.0
		Trichlotrifluoroethane (Freon113)	ND	1.0
		Trichlorofluoromethane	ND	1.0
		1,1-Dichloroethene (1,1-DCE)	ND	1.0
		Methylene Chloride	ND	1.0
		trans-1,2-Dichloroethene	ND	1.0
		1,1-Dichloroethane (1,1-DCA)	ND	1.0
		cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0
		2,2-Dichloropropane	ND	1.0
		Chloroform (THM1)	ND	1.0
		Bromochloromethane	ND	1.0
		1,1,1-Trichloroethane (TCA)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,1-Dichloropropene	ND	1.0
		Carbon Tetrachloride	ND	1.0
		Benzene	ND	1.0
		Trichloroethene (TCE)	ND	1.0
		1,2-Dichloropropane (DCP)	ND	1.0
		Dibromomethane	ND	1.0
		Bromodichloromethane (THM2)	ND	1.0
		cis-1,3-Dichloropropene	ND	1.0
		Toluene	ND	1.0
		1,1,2-Trichloroethane	ND	1.0
		1,3-Dichloropropane	ND	1.0
		Dibromochloromethane (THM3)	ND	1.0
		Tetrachloroethene (PCE)	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		Chlorobenzene	ND	1.0
		1,1,1,2-Tetrachloroethane	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		Styrene	ND	1.0
		o-Xylene	ND	1.0
		Bromoform (THM4)	ND	1.0
		1,1,2,2-Tetrachloroethane	ND	1.0
		Isopropylbenzene	ND	1.0
		1,2,3-Trichloropropane	ND	1.0
		Bromobenzene	ND	1.0
		n-Propyl Benzene	ND	1.0
		2-Chlorotoluene	ND	1.0
		4-Chlorotoluene	ND	1.0
		1,3,5-Trimethylbenzene	ND	1.0
		tert-Butylbenzene	ND	1.0
		1,2,4-Trimethylbenzene	ND	1.0
		sec-Butylbenzene	ND	1.0

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-01	**MW-3**	1,3-Dichlorobenzene	ND	1.0
		1,4-Dichlorobenzene	ND	1.0
		1,2-Dichlorobenzene	ND	1.0
		p-Isopropyltoluene	ND	1.0
		n-Butylbenzene	ND	1.0
		1,2-Dibromo-3-chloropropane	ND	1.0
		1,2,4-Trichlorobenzene	ND	1.0
		Naphthalene	ND	1.0
		Hexachlorobutadiene	ND	1.0
		1,2,3-Trichlorobenzene	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	12
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0

Surrogates	Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane	20.5	102	70-130
Toluene-d8	20.0	100	70-130
4-Bromofluorobenzene	19.0	95	70-130

Date Sampled:	12/23/05	Date Analyzed:	12/30/05	QC Batch: B000449
Date Received:	12/27/05	Method:	EPA 8260B	

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-02	**MW-9D**	Dichlorodifluoromethane	ND	1.0
		Chloromethane	ND	1.0
		Vinyl chloride	ND	1.0
		Chloroethane (CE)	ND	1.0
		Bromomethane	ND	1.0
		Trichlotrifluoroethane (Freon113)	ND	1.0
		Trichlorofluoromethane	ND	1.0
		1,1-Dichloroethene (1,1-DCE)	ND	1.0
		Methylene Chloride	ND	1.0
		trans-1,2-Dichloroethene	ND	1.0
		1,1-Dichloroethane (1,1-DCA)	ND	1.0
		cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0
		2,2-Dichloropropane	ND	1.0
		Chloroform (THM1)	ND	1.0
		Bromochloromethane	ND	1.0
		1,1,1-Trichloroethane (TCA)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,1-Dichloropropene	ND	1.0
		Carbon Tetrachloride	ND	1.0
		Benzene	ND	1.0
		Trichloroethene (TCE)	ND	1.0
		1,2-Dichloropropane (DCP)	ND	1.0
		Dibromomethane	ND	1.0
		Bromodichloromethane (THM2)	ND	1.0
		cis-1,3-Dichloropropene	ND	1.0
		Toluene	ND	1.0
		1,1,2-Trichloroethane	ND	1.0
		1,3-Dichloropropane	ND	1.0
		Dibromochloromethane (THM3)	ND	1.0
		Tetrachloroethene (PCE)	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		Chlorobenzene	ND	1.0
		1,1,1,2-Tetrachloroethane	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		Styrene	ND	1.0
		o-Xylene	ND	1.0
		Bromoform (THM4)	ND	1.0
		1,1,2,2-Tetrachloroethane	ND	1.0
		Isopropylbenzene	ND	1.0
		1,2,3-Trichloropropane	ND	1.0
		Bromobenzene	ND	1.0
		n-Propyl Benzene	ND	1.0
		2-Chlorotoluene	ND	1.0
		4-Chlorotoluene	ND	1.0
		1,3,5-Trimethylbenzene	ND	1.0
		tert-Butylbenzene	ND	1.0
		1,2,4-Trimethylbenzene	ND	1.0
		sec-Butylbenzene	ND	1.0

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-02	**MW-9D**	1,3-Dichlorobenzene	ND	1.0
		1,4-Dichlorobenzene	ND	1.0
		1,2-Dichlorobenzene	ND	1.0
		p-Isopropyltoluene	ND	1.0
		n-Butylbenzene	ND	1.0
		1,2-Dibromo-3-chloropropane	ND	1.0
		1,2,4-Trichlorobenzene	ND	1.0
		Naphthalene	ND	1.0
		Hexachlorobutadiene	ND	1.0
		1,2,3-Trichlorobenzene	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	12
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0

Surrogates	Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane	20.8	104	70-130
Toluene-d8	20.0	100	70-130
4-Bromofluorobenzene	19.1	96	70-130

Date Sampled:	12/23/05	Date Analyzed:	12/30/05	QC Batch: B000449
Date Received:	12/27/05	Method:	EPA 8260B	

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-03	**MW-15D**	Dichlorodifluoromethane	ND	20
		Chloromethane	ND	20
		Vinyl chloride	ND	20
		Chloroethane (CE)	ND	20
		Bromomethane	ND	20
		Trichlotrifluoroethane (Freon113)	ND	20
		Trichlorofluoromethane	ND	20
		1,1-Dichloroethene (1,1-DCE)	ND	20
		Methylene Chloride	ND	20
		trans-1,2-Dichloroethene	ND	20
		1,1-Dichloroethane (1,1-DCA)	ND	20
		cis-1,2-Dichloroethene (c1,2-DCE)	ND	20
		2,2-Dichloropropane	ND	20
		Chloroform (THM1)	ND	20
		Bromochloromethane	ND	20
		1,1,1-Trichloroethane (TCA)	ND	20
		1,2-Dichloroethane (EDC)	ND	20
		1,1-Dichloropropene	ND	20
		Carbon Tetrachloride	ND	20
		Benzene	2000	20
		Trichloroethene (TCE)	ND	20
		1,2-Dichloropropane (DCP)	ND	20
		Dibromomethane	ND	20
		Bromodichloromethane (THM2)	ND	20
		cis-1,3-Dichloropropene	ND	20
		Toluene	31	20
		1,1,2-Trichloroethane	ND	20
		1,3-Dichloropropane	ND	20
		Dibromochloromethane (THM3)	ND	20
		Tetrachloroethene (PCE)	ND	20
		1,2-Dibromoethane (EDB)	ND	20
		Chlorobenzene	ND	20
		1,1,1,2-Tetrachloroethane	ND	20
		Ethylbenzene	380	20
		m,p-Xylene	170	20
		Styrene	ND	20
		o-Xylene	ND	20
		Bromoform (THM4)	ND	20
		1,1,2,2-Tetrachloroethane	ND	20
		Isopropylbenzene	ND	20
		1,2,3-Trichloropropane	ND	20
		Bromobenzene	ND	20
		n-Propyl Benzene	31	20
		2-Chlorotoluene	ND	20
		4-Chlorotoluene	ND	20
		1,3,5-Trimethylbenzene	55	20
		tert-Butylbenzene	ND	20
		1,2,4-Trimethylbenzene	91	20
		sec-Butylbenzene	ND	20

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-03	**MW-15D**	1,3-Dichlorobenzene	ND	20
		1,4-Dichlorobenzene	ND	20
		1,2-Dichlorobenzene	ND	20
		p-Isopropyltoluene	ND	20
		n-Butylbenzene	ND	20
		1,2-Dibromo-3-chloropropane	ND	20
		1,2,4-Trichlorobenzene	ND	20
		Naphthalene	92	20
		Hexachlorobutadiene	ND	20
		1,2,3-Trichlorobenzene	ND	20
		Tertiary Butyl Alcohol (TBA)	ND	250
		Methyl tert-Butyl Ether (MTBE)	ND	20
		Di-isopropyl Ether (DIPE)	ND	20
		Ethyl tert-Butyl Ether (ETBE)	ND	20
		Tert-Amyl Methyl Ether (TAME)	ND	20

Surrogates	Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane	20.6	103	70-130
Toluene-d8	19.3	96	70-130
4-Bromofluorobenzene	19.4	97	70-130

Date Sampled:	12/23/05	Date Analyzed:	12/30/05	QC Batch: B000449
Date Received:	12/27/05	Method:	EPA 8260B	

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-04	**MW-16**	Dichlorodifluoromethane	ND	1.0
		Chloromethane	ND	1.0
		Vinyl chloride	ND	1.0
		Chloroethane (CE)	ND	1.0
		Bromomethane	ND	1.0
		Trichlotrifluoroethane (Freon113)	ND	1.0
		Trichlorofluoromethane	ND	1.0
		1,1-Dichloroethene (1,1-DCE)	ND	1.0
		Methylene Chloride	ND	1.0
		trans-1,2-Dichloroethene	ND	1.0
		1,1-Dichloroethane (1,1-DCA)	ND	1.0
		cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0
		2,2-Dichloropropane	ND	1.0
		Chloroform (THM1)	ND	1.0
		Bromochloromethane	ND	1.0
		1,1,1-Trichloroethane (TCA)	ND	1.0
		1,2-Dichloroethane (EDC)	1.9	1.0
		1,1-Dichloropropene	ND	1.0
		Carbon Tetrachloride	ND	1.0
		Benzene	1.0	1.0
		Trichloroethene (TCE)	ND	1.0
		1,2-Dichloropropane (DCP)	ND	1.0
		Dibromomethane	ND	1.0
		Bromodichloromethane (THM2)	ND	1.0
		cis-1,3-Dichloropropene	ND	1.0
		Toluene	ND	1.0
		1,1,2-Trichloroethane	ND	1.0
		1,3-Dichloropropane	ND	1.0
		Dibromochloromethane (THM3)	ND	1.0
		Tetrachloroethene (PCE)	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		Chlorobenzene	ND	1.0
		1,1,1,2-Tetrachloroethane	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		Styrene	ND	1.0
		o-Xylene	ND	1.0
		Bromoform (THM4)	ND	1.0
		1,1,2,2-Tetrachloroethane	ND	1.0
		Isopropylbenzene	ND	1.0
		1,2,3-Trichloropropane	ND	1.0
		Bromobenzene	ND	1.0
		n-Propyl Benzene	ND	1.0
		2-Chlorotoluene	ND	1.0
		4-Chlorotoluene	ND	1.0
		1,3,5-Trimethylbenzene	ND	1.0
		tert-Butylbenzene	ND	1.0
		1,2,4-Trimethylbenzene	ND	1.0
		sec-Butylbenzene	ND	1.0

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-04	**MW-16**	1,3-Dichlorobenzene	ND	1.0
		1,4-Dichlorobenzene	ND	1.0
		1,2-Dichlorobenzene	ND	1.0
		p-Isopropyltoluene	ND	1.0
		n-Butylbenzene	ND	1.0
		1,2-Dibromo-3-chloropropane	ND	1.0
		1,2,4-Trichlorobenzene	ND	1.0
		Naphthalene	ND	1.0
		Hexachlorobutadiene	ND	1.0
		1,2,3-Trichlorobenzene	ND	1.0
		Tertiary Butyl Alcohol (TBA)	18	12
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0

Surrogates	Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane	20.4	102	70-130
Toluene-d8	20.1	100	70-130
4-Bromofluorobenzene	19.2	96	70-130

Date Sampled:	12/23/05	Date Analyzed:	12/30/05	QC Batch: B000449
Date Received:	12/27/05	Method:	EPA 8260B	

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-05	**MW-17D**	Dichlorodifluoromethane	ND	1.0
		Chloromethane	ND	1.0
		Vinyl chloride	ND	1.0
		Chloroethane (CE)	ND	1.0
		Bromomethane	ND	1.0
		Trichlotrifluoroethane (Freon113)	ND	1.0
		Trichlorofluoromethane	ND	1.0
		1,1-Dichloroethene (1,1-DCE)	ND	1.0
		Methylene Chloride	ND	1.0
		trans-1,2-Dichloroethene	ND	1.0
		1,1-Dichloroethane (1,1-DCA)	ND	1.0
		cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0
		2,2-Dichloropropane	ND	1.0
		Chloroform (THM1)	ND	1.0
		Bromochloromethane	ND	1.0
		1,1,1-Trichloroethane (TCA)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,1-Dichloropropene	ND	1.0
		Carbon Tetrachloride	ND	1.0
		Benzene	ND	1.0
		Trichloroethene (TCE)	ND	1.0
		1,2-Dichloropropane (DCP)	ND	1.0
		Dibromomethane	ND	1.0
		Bromodichloromethane (THM2)	ND	1.0
		cis-1,3-Dichloropropene	ND	1.0
		Toluene	ND	1.0
		1,1,2-Trichloroethane	ND	1.0
		1,3-Dichloropropane	ND	1.0
		Dibromochloromethane (THM3)	ND	1.0
		Tetrachloroethene (PCE)	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		Chlorobenzene	ND	1.0
		1,1,1,2-Tetrachloroethane	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		Styrene	ND	1.0
		o-Xylene	ND	1.0
		Bromoform (THM4)	ND	1.0
		1,1,2,2-Tetrachloroethane	ND	1.0
		Isopropylbenzene	ND	1.0
		1,2,3-Trichloropropane	ND	1.0
		Bromobenzene	ND	1.0
		n-Propyl Benzene	ND	1.0
		2-Chlorotoluene	ND	1.0
		4-Chlorotoluene	ND	1.0
		1,3,5-Trimethylbenzene	ND	1.0
		tert-Butylbenzene	ND	1.0
		1,2,4-Trimethylbenzene	ND	1.0
		sec-Butylbenzene	ND	1.0

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-05	**MW-17D**	1,3-Dichlorobenzene	ND	1.0
		1,4-Dichlorobenzene	ND	1.0
		1,2-Dichlorobenzene	ND	1.0
		p-Isopropyltoluene	ND	1.0
		n-Butylbenzene	ND	1.0
		1,2-Dibromo-3-chloropropane	ND	1.0
		1,2,4-Trichlorobenzene	ND	1.0
		Naphthalene	ND	1.0
		Hexachlorobutadiene	ND	1.0
		1,2,3-Trichlorobenzene	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	12
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0

Surrogates	Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane	20.6	103	70-130
Toluene-d8	20.2	101	70-130
4-Bromofluorobenzene	19.0	95	70-130

Date Sampled:	12/23/05	Date Analyzed:	12/30/05	QC Batch: B000449
Date Received:	12/27/05	Method:	EPA 8260B	

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-06	**MW-18**	Dichlorodifluoromethane	ND	1.0
		Chloromethane	ND	1.0
		Vinyl chloride	ND	1.0
		Chloroethane (CE)	ND	1.0
		Bromomethane	ND	1.0
		Trichlotrifluoroethane (Freon113)	ND	1.0
		Trichlorofluoromethane	ND	1.0
		1,1-Dichloroethene (1,1-DCE)	ND	1.0
		Methylene Chloride	ND	1.0
		trans-1,2-Dichloroethene	ND	1.0
		1,1-Dichloroethane (1,1-DCA)	ND	1.0
		cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0
		2,2-Dichloropropane	ND	1.0
		Chloroform (THM1)	ND	1.0
		Bromochloromethane	ND	1.0
		1,1,1-Trichloroethane (TCA)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,1-Dichloropropene	ND	1.0
		Carbon Tetrachloride	ND	1.0
		Benzene	ND	1.0
		Trichloroethene (TCE)	ND	1.0
		1,2-Dichloropropane (DCP)	ND	1.0
		Dibromomethane	ND	1.0
		Bromodichloromethane (THM2)	ND	1.0
		cis-1,3-Dichloropropene	ND	1.0
		Toluene	ND	1.0
		1,1,2-Trichloroethane	ND	1.0
		1,3-Dichloropropane	ND	1.0
		Dibromochloromethane (THM3)	ND	1.0
		Tetrachloroethene (PCE)	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		Chlorobenzene	ND	1.0
		1,1,1,2-Tetrachloroethane	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		Styrene	ND	1.0
		o-Xylene	ND	1.0
		Bromoform (THM4)	ND	1.0
		1,1,2,2-Tetrachloroethane	ND	1.0
		Isopropylbenzene	ND	1.0
		1,2,3-Trichloropropane	ND	1.0
		Bromobenzene	ND	1.0
		n-Propyl Benzene	ND	1.0
		2-Chlorotoluene	ND	1.0
		4-Chlorotoluene	ND	1.0
		1,3,5-Trimethylbenzene	ND	1.0
		tert-Butylbenzene	ND	1.0
		1,2,4-Trimethylbenzene	ND	1.0
		sec-Butylbenzene	ND	1.0

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-06	**MW-18**	1,3-Dichlorobenzene	ND	1.0
		1,4-Dichlorobenzene	ND	1.0
		1,2-Dichlorobenzene	ND	1.0
		p-Isopropyltoluene	ND	1.0
		n-Butylbenzene	ND	1.0
		1,2-Dibromo-3-chloropropane	ND	1.0
		1,2,4-Trichlorobenzene	ND	1.0
		Naphthalene	ND	1.0
		Hexachlorobutadiene	ND	1.0
		1,2,3-Trichlorobenzene	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	12
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0

Surrogates	Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane	21.1	106	70-130
Toluene-d8	19.9	100	70-130
4-Bromofluorobenzene	19.0	95	70-130

Date Sampled:	12/23/05	Date Analyzed:	12/30/05	QC Batch: B000449
Date Received:	12/27/05	Method:	EPA 8260B	

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-07	**MW-19D**	Dichlorodifluoromethane	ND	1.0
		Chloromethane	ND	1.0
		Vinyl chloride	ND	1.0
		Chloroethane (CE)	ND	1.0
		Bromomethane	ND	1.0
		Trichlotrifluoroethane (Freon113)	ND	1.0
		Trichlorofluoromethane	ND	1.0
		1,1-Dichloroethene (1,1-DCE)	ND	1.0
		Methylene Chloride	ND	1.0
		trans-1,2-Dichloroethene	ND	1.0
		1,1-Dichloroethane (1,1-DCA)	ND	1.0
		cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0
		2,2-Dichloropropane	ND	1.0
		Chloroform (THM1)	ND	1.0
		Bromochloromethane	ND	1.0
		1,1,1-Trichloroethane (TCA)	ND	1.0
		1,2-Dichloroethane (EDC)	ND	1.0
		1,1-Dichloropropene	ND	1.0
		Carbon Tetrachloride	ND	1.0
		Benzene	ND	1.0
		Trichloroethene (TCE)	ND	1.0
		1,2-Dichloropropane (DCP)	ND	1.0
		Dibromomethane	ND	1.0
		Bromodichloromethane (THM2)	ND	1.0
		cis-1,3-Dichloropropene	ND	1.0
		Toluene	ND	1.0
		1,1,2-Trichloroethane	ND	1.0
		1,3-Dichloropropane	ND	1.0
		Dibromochloromethane (THM3)	ND	1.0
		Tetrachloroethene (PCE)	ND	1.0
		1,2-Dibromoethane (EDB)	ND	1.0
		Chlorobenzene	ND	1.0
		1,1,1,2-Tetrachloroethane	ND	1.0
		Ethylbenzene	ND	1.0
		m,p-Xylene	ND	1.0
		Styrene	ND	1.0
		o-Xylene	ND	1.0
		Bromoform (THM4)	ND	1.0
		1,1,2,2-Tetrachloroethane	ND	1.0
		Isopropylbenzene	ND	1.0
		1,2,3-Trichloropropane	ND	1.0
		Bromobenzene	ND	1.0
		n-Propyl Benzene	ND	1.0
		2-Chlorotoluene	ND	1.0
		4-Chlorotoluene	ND	1.0
		1,3,5-Trimethylbenzene	ND	1.0
		tert-Butylbenzene	ND	1.0
		1,2,4-Trimethylbenzene	ND	1.0
		sec-Butylbenzene	ND	1.0

Volatile Hydrocarbons by GC/MS in Water

Lab#	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
5122704-07	**MW-19D**	1,3-Dichlorobenzene	ND	1.0
		1,4-Dichlorobenzene	ND	1.0
		1,2-Dichlorobenzene	ND	1.0
		p-Isopropyltoluene	ND	1.0
		n-Butylbenzene	ND	1.0
		1,2-Dibromo-3-chloropropane	ND	1.0
		1,2,4-Trichlorobenzene	ND	1.0
		Naphthalene	ND	1.0
		Hexachlorobutadiene	ND	1.0
		1,2,3-Trichlorobenzene	ND	1.0
		Tertiary Butyl Alcohol (TBA)	ND	12
		Methyl tert-Butyl Ether (MTBE)	ND	1.0
		Di-isopropyl Ether (DIPE)	ND	1.0
		Ethyl tert-Butyl Ether (ETBE)	ND	1.0
		Tert-Amyl Methyl Ether (TAME)	ND	1.0

Surrogates	Result (ug/L)	% Recovery	Acceptance Range (%)
Dibromofluoromethane	20.7	104	70-130
Toluene-d8	19.8	99	70-130
4-Bromofluorobenzene	19.0	95	70-130

Date Sampled:	12/23/05	Date Analyzed:	12/30/05	QC Batch: B000449
Date Received:	12/27/05	Method:	EPA 8260B	

Quality Assurance Report

TPH Gasoline in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B000456 - EPA 5030 GC										
Blank (B000456-BLK1)				Prepared & Analyzed: 01/03/06						
Gasoline	ND	50	ug/L							
Matrix Spike (B000456-MS1)		**Source: 5122704-01**		Prepared & Analyzed: 01/03/06						
Benzene	9.90	0.50	ug/L	10.0	ND	99	70-130			
Toluene	9.98	0.50	ug/L	10.0	ND	100	70-130			
Ethylbenzene	10.3	0.50	ug/L	10.0	ND	103	70-130			
Xylenes	31.1	1.5	ug/L	30.0	ND	104	70-130			
Matrix Spike Dup (B000456-MSD1)		**Source: 5122704-01**		Prepared & Analyzed: 01/03/06						
Benzene	9.84	0.50	ug/L	10.0	ND	98	70-130	1	20	
Toluene	9.88	0.50	ug/L	10.0	ND	99	70-130	1	20	
Ethylbenzene	10.1	0.50	ug/L	10.0	ND	101	70-130	2	20	
Xylenes	30.3	1.5	ug/L	30.0	ND	101	70-130	3	20	

Volatile Hydrocarbons by GC/MS in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B000449 - EPA 5030 GC/MS										
Blank (B000449-BLK1)				Prepared & Analyzed: 12/30/05						
Dichlorodifluoromethane	ND	1.0	ug/L							
Chloromethane	ND	1.0	ug/L							
Vinyl chloride	ND	1.0	ug/L							
Chloroethane (CE)	ND	1.0	ug/L							
Bromomethane	ND	1.0	ug/L							
Trichlotrifluoroethane (Freon113)	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
1,1-Dichloroethene (1,1-DCE)	ND	1.0	ug/L							
Methylene Chloride	ND	1.0	ug/L							
trans-1,2-Dichloroethene	ND	1.0	ug/L							
1,1-Dichloroethane (1,1-DCA)	ND	1.0	ug/L							
cis-1,2-Dichloroethene (c1,2-DCE)	ND	1.0	ug/L							
2,2-Dichloropropane	ND	1.0	ug/L							
Chloroform (THM1)	ND	1.0	ug/L							
Bromochloromethane	ND	1.0	ug/L							
1,1,1-Trichloroethane (TCA)	ND	1.0	ug/L							
1,2-Dichloroethane (EDC)	ND	1.0	ug/L							
1,1-Dichloropropene	ND	1.0	ug/L							
Carbon Tetrachloride	ND	1.0	ug/L							
Benzene	ND	1.0	ug/L							
Trichloroethene (TCE)	ND	1.0	ug/L							
1,2-Dichloropropane (DCP)	ND	1.0	ug/L							
Dibromomethane	ND	1.0	ug/L							
Bromodichloromethane (THM2)	ND	1.0	ug/L							
cis-1,3-Dichloropropene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
1,3-Dichloropropane	ND	1.0	ug/L							
Dibromochloromethane (THM3)	ND	1.0	ug/L							
Tetrachloroethene (PCE)	ND	1.0	ug/L							
1,2-Dibromoethane (EDB)	ND	1.0	ug/L							
Chlorobenzene	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
m,p-Xylene	ND	1.0	ug/L							
Styrene	ND	1.0	ug/L							
o-Xylene	ND	1.0	ug/L							
Bromoform (THM4)	ND	1.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Isopropylbenzene	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Bromobenzene	ND	1.0	ug/L							
n-Propyl Benzene	ND	1.0	ug/L							

Volatile Hydrocarbons by GC/MS in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B000449 - EPA 5030 GC/MS										
Blank (B000449-BLK1)				Prepared & Analyzed: 12/30/05						
2-Chlorotoluene	ND	1.0	ug/L							
4-Chlorotoluene	ND	1.0	ug/L							
1,3,5-Trimethylbenzene	ND	1.0	ug/L							
tert-Butylbenzene	ND	1.0	ug/L							
1,2,4-Trimethylbenzene	ND	1.0	ug/L							
sec-Butylbenzene	ND	1.0	ug/L							
1,3-Dichlorobenzene	ND	1.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
1,2-Dichlorobenzene	ND	1.0	ug/L							
p-Isopropyltoluene	ND	1.0	ug/L							
n-Butylbenzene	ND	1.0	ug/L							
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L							
1,2,4-Trichlorobenzene	ND	1.0	ug/L							
Naphthalene	ND	1.0	ug/L							
Hexachlorobutadiene	ND	1.0	ug/L							
1,2,3-Trichlorobenzene	ND	1.0	ug/L							
Tertiary Butyl Alcohol (TBA)	ND	12	ug/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	ug/L							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/L							
Tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/L							
Surrogate: Dibromofluoromethane	*20.8*		*ug/L*	*20.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*19.8*		*ug/L*	*20.0*		*99*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*19.6*		*ug/L*	*20.0*		*98*	*70-130*			
Matrix Spike (B000449-MS1)		**Source: 5122703-01**		Prepared & Analyzed: 12/30/05						
1,1-Dichloroethene (1,1-DCE)	23.5	1.0	ug/L	25.0	ND	94	70-130			
Benzene	23.5	1.0	ug/L	25.0	ND	94	70-130			
Trichloroethene (TCE)	23.4	1.0	ug/L	25.0	ND	94	70-130			
Toluene	23.3	1.0	ug/L	25.0	ND	93	70-130			
Chlorobenzene	22.7	1.0	ug/L	25.0	ND	91	70-130			
Surrogate: Dibromofluoromethane	*20.5*		*ug/L*	*20.0*		*102*	*70-130*			
Surrogate: Toluene-d8	*20.0*		*ug/L*	*20.0*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*18.7*		*ug/L*	*20.0*		*94*	*70-130*			

Volatile Hydrocarbons by GC/MS in Water

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B000449 - EPA 5030 GC/MS										
Matrix Spike Dup (B000449-MSD1)		**Source: 5122703-01**		Prepared & Analyzed: 12/30/05						
1,1-Dichloroethene (1,1-DCE)	22.4	1.0	ug/L	25.0	ND	90	70-130	4	20	
Benzene	22.5	1.0	ug/L	25.0	ND	90	70-130	4	20	
Trichloroethene (TCE)	22.6	1.0	ug/L	25.0	ND	90	70-130	4	20	
Toluene	22.4	1.0	ug/L	25.0	ND	90	70-130	3	20	
Chlorobenzene	22.0	1.0	ug/L	25.0	ND	88	70-130	3	20	
Surrogate: Dibromofluoromethane	*20.9*		*ug/L*	*20.0*		*104*	*70-130*			
Surrogate: Toluene-d8	*20.1*		*ug/L*	*20.0*		*100*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*19.0*		*ug/L*	*20.0*		*95*	*70-130*			

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference

Analytical Sciences
P.O. Box 750336, Petaluma, CA 94975-0336
110 Liberty Street, Petaluma, CA 94952
(707) 769-3128

CHAIN OF CUSTODY

LAB PROJECT NUMBER: 5122704
SCS ENGINEERS PROJECT NAME: Hessel Road
SCS ENGINEERS PROJECT NUMBER: 01203317.00

CLIENT INFORMATION

COMPANY NAME: SCS ENGINEERS
ADDRESS: 3645 WESTWIND BOULEVARD
SANTA ROSA, CA 95403
CONTACT: Kevin Coker
PHONE#: (707) 546-9461
FAX #: (707) 544-5769

BILLING INFORMATION

CONTACT: John Riddell
COMPANY NAME:
ADDRESS: 4660 Hessel Road
Sebastopol, CA 95472
PHONE#: 823-1976
FAX #:

TURNAROUND TIME (check one)

MOBILE LAB ☐
SAME DAY ☐ 24 HOURS ☐
48 HOURS ☐ 72 HOURS ☐
5 DAYS ☐ NORMAL ✓

GEOTRACKER EDF: X Y ___ N
GLOBAL ID: T0609700318

COOLER TEMPERATURE
_____ °C

COC

PAGE 1 OF 1

ANALYSIS

ITEM	CLIENT SAMPLE I..D.	DATE SAMPLED	TIME	MATRIX	# CONT.	PRESV. YES/NO	TPH/GAS/BTEX EPA 8015M/8020	TPH DIESEL / MOTOR OIL EPA 8015M	VOLATILE HYDROCARBONS* EPA 8260 (FULL LIST)	EPA 8260 Full List + Oxy / Fuel Additives	BTEX & OXYGENATES + PB SCAVENGERS EPA 8260B	OXYGENATED FUEL ADDITIVES EPA 8260M	CHLORINATED SOLVENTS	SEMI-VOLATILE HYDROCARBONS EPA 8270	TRPH / TOG SM 5520F / EPA 418.1M	PESTICIDES / PCB'S EPA 8081 / 8141 / 8082	CAM 17 METALS / 5 LUFT METALS	TOTAL LEAD		COMMENTS	LAB SAMPLE #
1	MW-3	12-23-05	1520	LIQ	3	Yes	X		X											*TBA DL 5122704	-01
2	MW-9D	12-23-05	1345	LIQ																less than 12	-02
3	MW-15D		1605	LIQ																	-03
4	MW-16		1615	LIQ																	-04
5	MW-17 D	12-23-05	1230	LIQ																	-05
6	MW-18		1205	LIQ																	-06
7	MW-19D		1310	LIQ																	-07
8	~~MW-20~~			LIQ																	
9																					
10																					
11																					

SIGNATURES

RELINQUISHED BY: Kirk Edson DATE:: 12/27/05 TIME: 0800
RECEIVED BY: DATE:: TIME:
RELINQUISHED BY: DATE:: TIME:
RECEIVED BY: DATE: TIME:

RECEIVED BY LABORATORY:
SIGNATURE
12/27/05 0800
DATE TIME