REMEDIATION SYSTEM OPERATIONS AND MAINTENANCE
AND
GROUNDWATER MONITORING REPORT
FOR
MIDDLEBURY SUNOCO
49 COURT STREET
MIDDLEBURY, VERMONT
(VTDEC Site # 98-2468)

July 2010

Prepared for:

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KAS Project# 410040058

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1. INTRODUCTION

This report is a summary of the in-situ Submerged Oxygen Curtain (iSOC™) system operation and maintenance and quarterly groundwater monitoring program at the Middlebury Sunoco, located on Court Street in Middlebury, Vermont, conducted on May 27, 2010. A Site location map is included in Appendix A. This investigation was conducted by KAS, Inc (KAS), for J.W. Sandri of Greenfield, Massachusetts.

Two source areas of contamination have been identified at the site. Monitoring wells MW-1 through MW01-11 and MW05-18 through MW05-19 are referred to as the "Front Lot" wells, and were installed to investigate a release from (3) former gasoline underground storage tanks (USTs) at the Site. Monitoring well MW02-12 through MW03-17 are referred to as the "Rear Lot" wells, and were installed to investigate a release from a waste oil above ground storage tank (AST), and a buried oil water separator (OWS) that was discovered to contain waste oil during a June 2002 inspection. The Site has undergone groundwater monitored since 1999.

KAS installed and started an in-situ Submerged Oxygen Curtain (iSOC™), or bioremediation/natural attenuation enhancement system at the Middlebury Sunoco Site on February 9, 2007. Six (6) iSOC™ wells were installed on October 30, 2006. This work was conducted in accordance with the *Corrective Action Plan* dated August 11, 2006, approved by Mr. Gerold Noyes of the Vermont Department of Environmental Conservation (VTDEC) in a letter to Ms. Sharon Abbott dated June 12, 2006.

This report documents the quarterly groundwater monitoring and nutrient injection site visit conducted on May 27, 2010 and system operation and maintenance site visits conducted on January 20, February 18, March 19, April 15, May 27, and June 17, 2010.

2. GROUNDWATER MONITORING

Groundwater measurements were taken on May 27, 2010. Twenty-four monitoring wells were gauged, and thirteen monitoring wells were sampled. A Site map indicating the location of the monitoring wells and iSOC™ wells (IMW-1-IMW-6) is presented in Appendix A. Monitoring well MW03-16 could not be gauged or sampled because a car was parked over the monitoring well.

2.1. Groundwater flow direction and gradient

The monitoring wells were gauged with a Keck^{Tm} interface probe to collect the depth to groundwater measurements, and also to detect the presence of free phase petroleum product. Free phase petroleum product was not present in any of the sampling locations. Liquid level measurements, both present and historic, are located in Appendix B.

The relative water table elevations were obtained by subtracting the depth to water from the top of casing elevation. The groundwater elevations obtained from the May 27, 2010 sampling

event were plotted and contoured to denote the approximate gradient and direction of groundwater flow beneath the Site (see Groundwater Contour Map in Appendix A). The groundwater flows northwest at a hydraulic gradient of approximately 12%. These results are analogous to previous findings.

2.2. Groundwater Quality

Groundwater samples were collected from ten monitoring wells at the Site. These samples were analyzed by Endyne, Inc (Williston, VT) for major petroleum volatile organic compounds (VOCs) using EPA Method 8021B, sulfates, nitrates, and alkalinity, and by Northeast Laboratories Inc (Berlin, CT) for heterotrophic and degrader plate counts. Analytical results of the groundwater samples are presented in Appendix C. The laboratory analytical report is located in Appendix D.

The laboratory data indicated the presence of dissolved hydrocarbons at concentrations higher than the Vermont Groundwater Enforcement Standard (VGES) in the samples collected from monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW01-9, MW01-10, MW01-11, and MW02-13. Contaminant trends are bulleted below.

- According to this sampling event, contaminant concentrations have decreased since the inception of the iSOC system in each of the Site monitoring wells, except for MW-6, MW02-13, MW01-9, MW01-10 and MW01-11. The contaminant concentrations in these monitoring wells have fluctuated significantly in the last year of sampling but overall depict an increasing trend. Significant decreases were noted in these monitoring wells before the concentrations rebounded and increased.
- The average decrease in the Site monitoring wells since the iSOC system was installed is currently 30%. On-Site monitoring wells MW-2, MW-3, and MW-7 have decreased by 93%, 70% and 33% respectively.
- Sulfate and nitrate levels were generally lower in the on-Site wells than the off-Site wells.
- Heterotrophic and degrader plate counts indicate that degrading bacteria are present in the groundwater on and off the Site property.

The relationship between the total targeted VOCs and time for the monitoring wells is presented in graphical form in Appendix C. Tables depicting contaminant trends since inception of the iSOC system, as well as nutrient and bacteria concentrations are also located in Appendix C.

The analytical results from the May 2010 sampling event were plotted to identify the contamination distribution (see the Contamination Map in Appendix A). According to the Contaminant Distribution Map, the contaminant plume from the former gasoline USTs is focused on the northwestern portion of the property (Front Lot) and extends from monitoring well MW-5 to the northwest across the Mark's Upholstery property to MW01-10, and east to monitoring well MW-1. An area of heavier contamination is also centered in the vicinity of monitoring well MW-4. The plume also extends west across Court Street to monitoring well

MW05-19. The groundwater contamination in the vicinity of the rear lot monitoring wells has degraded in place over time, and the plume is fairly weak.

2.3. Quality Assurance and Control

The groundwater samples obtained during this study were collected in accordance with KAS' groundwater sampling protocol. VOCs were not detected in the Trip Blank sample prepared on May 27, 2010. The relative percent difference (RPD) is defined as 100 times the difference between the actual and duplicate sample, divided by the mean of the two samples. A low RPD indicates a good correlation between the two samples, while a high RPD indicates a poor correlation. A duplicate sample was obtained at monitoring well MW-1. The absolute RPD value for the two samples was 4.3%, indicating adequate precision. This data is presented in Appendix C.

3. REMEDIAL SYSTEM OPERATION AND MAINTENANCE

On January 20, February 18, March 19, April 15, May 27, and June 17, 2010 KAS personnel performed remedial system operation and maintenance of the iSOC™ remediation system. The oxygen tanks were replaced and dissolved oxygen levels were recorded with the exception of. The iSOC system has been operational since February 9, 2007 and is currently being monitored on a monthly basis.

The Middlebury Sunoco remediation system continues to be operational and running effectively. The iSOC™ remediation system was operating for 1,203 days when the May 2010 groundwater sampling event took place. The dissolved oxygen levels in the Site monitoring wells have fluctuated since the inception of the iSOC system. A sharp increase in dissolved oxygen levels, shortly after starting the remediation system, was followed by a decline in the dissolved oxygen levels in the on-Site monitoring wells. A summary of the dissolved oxygen levels to date at the Site is included in Appendix E and a map of the dissolved oxygen levels observed on May 27, 2010 is included in Appendix A.

4. NUTRIENT MONITORING

Nitrate concentrations have been fairly low in the on-Site monitoring wells. Sulfate concentrations have also been lower in the on-Site monitoring wells than the off-Site monitoring wells. These low concentrations suggest that nutrient depletion is likely inhibiting the breakdown of the petroleum hydrocarbons by bacteria in the groundwater.

Nutrient injection has been suspended for the Site, as it has not proven effective in lowering contaminant concentrations in the groundwater. Generally speaking, the contaminant concentrations increased or remained steady throughout the nutrient injection period.

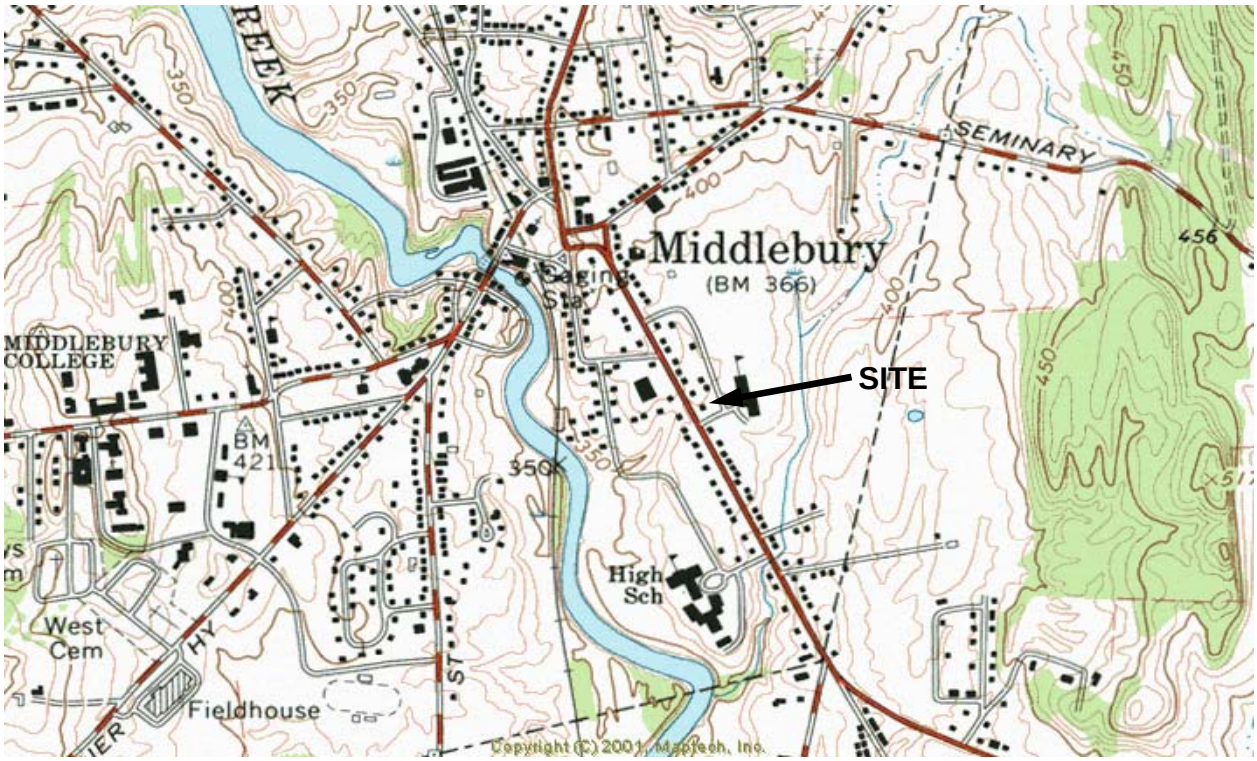
5. CONCLUSIONS & RECOMMENDATIONS

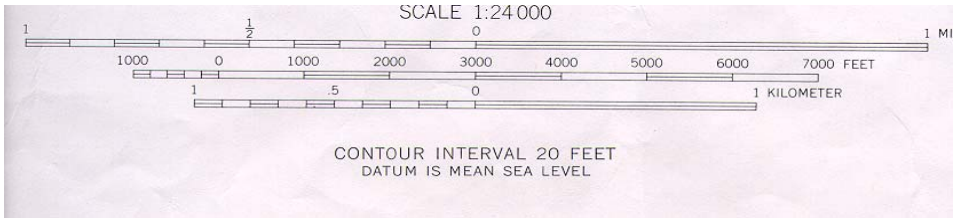
The groundwater is still exhibiting concentrations of dissolved hydrocarbons at levels higher than the Vermont Groundwater Enforcement Standard (VGES) at many of the sampling locations. Overall, contaminant concentrations have decreased in the Site monitoring wells since the inception of active remediation.

KAS recommends groundwater sampling continue on a semi-annual basis for monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW01-9, MW01-10, and MW01-11 via 8021B and annual sampling, in May, at monitoring wells MW02-13, MW02-14, MW02-15, MW03-16, MW05-18, and MW05-19 via 8021B. The next sampling event is scheduled for November 2010. The suspension of nutrient injection should remain. System operation and maintenance site visits should continue on a monthly basis.

APPENDIX A

MAPS





North

KAS Job Number: *410040058*

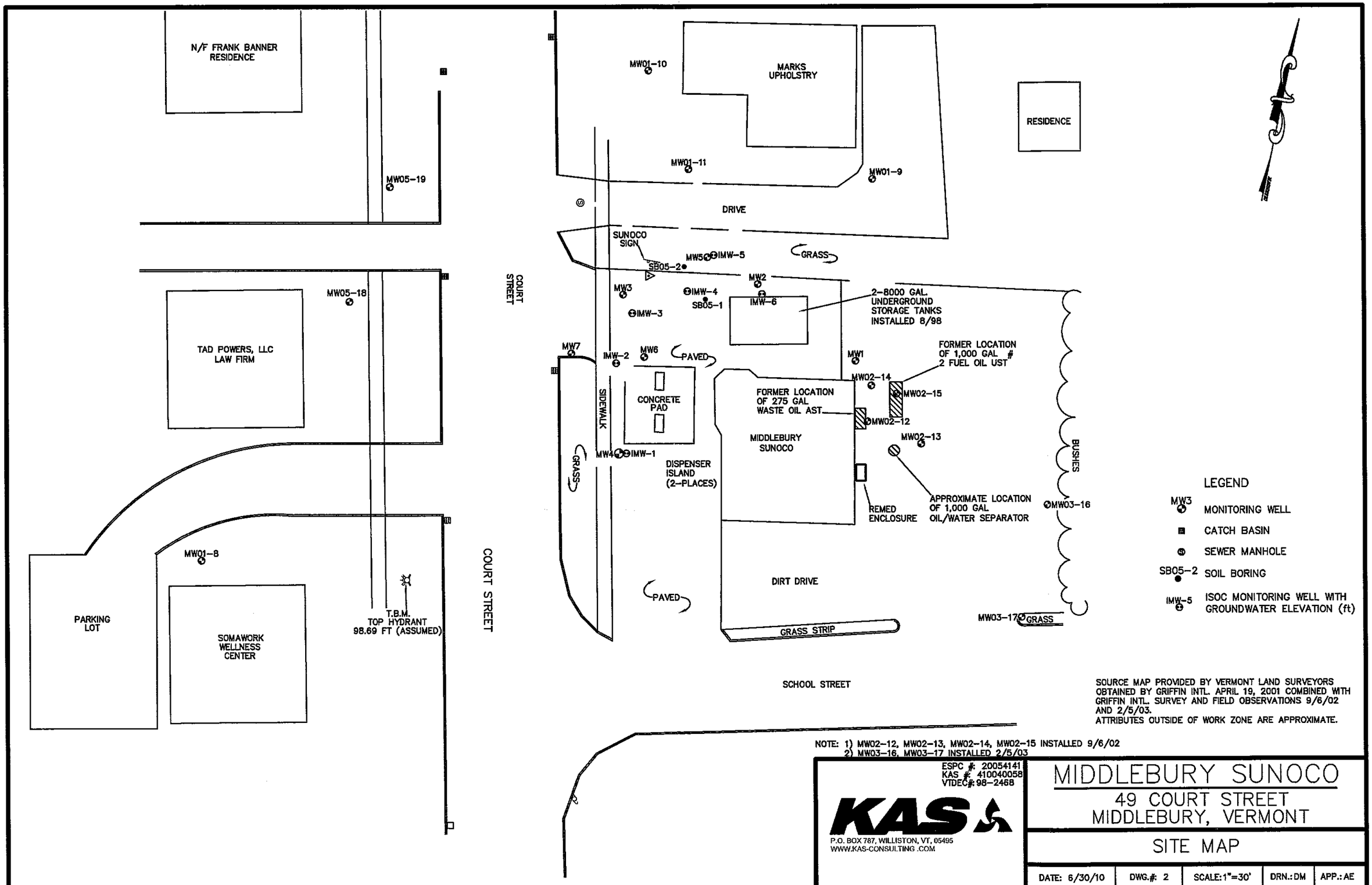
Source: *USGS 7.5' Mapping Middlebury, VT 1948, photorevised 1987*

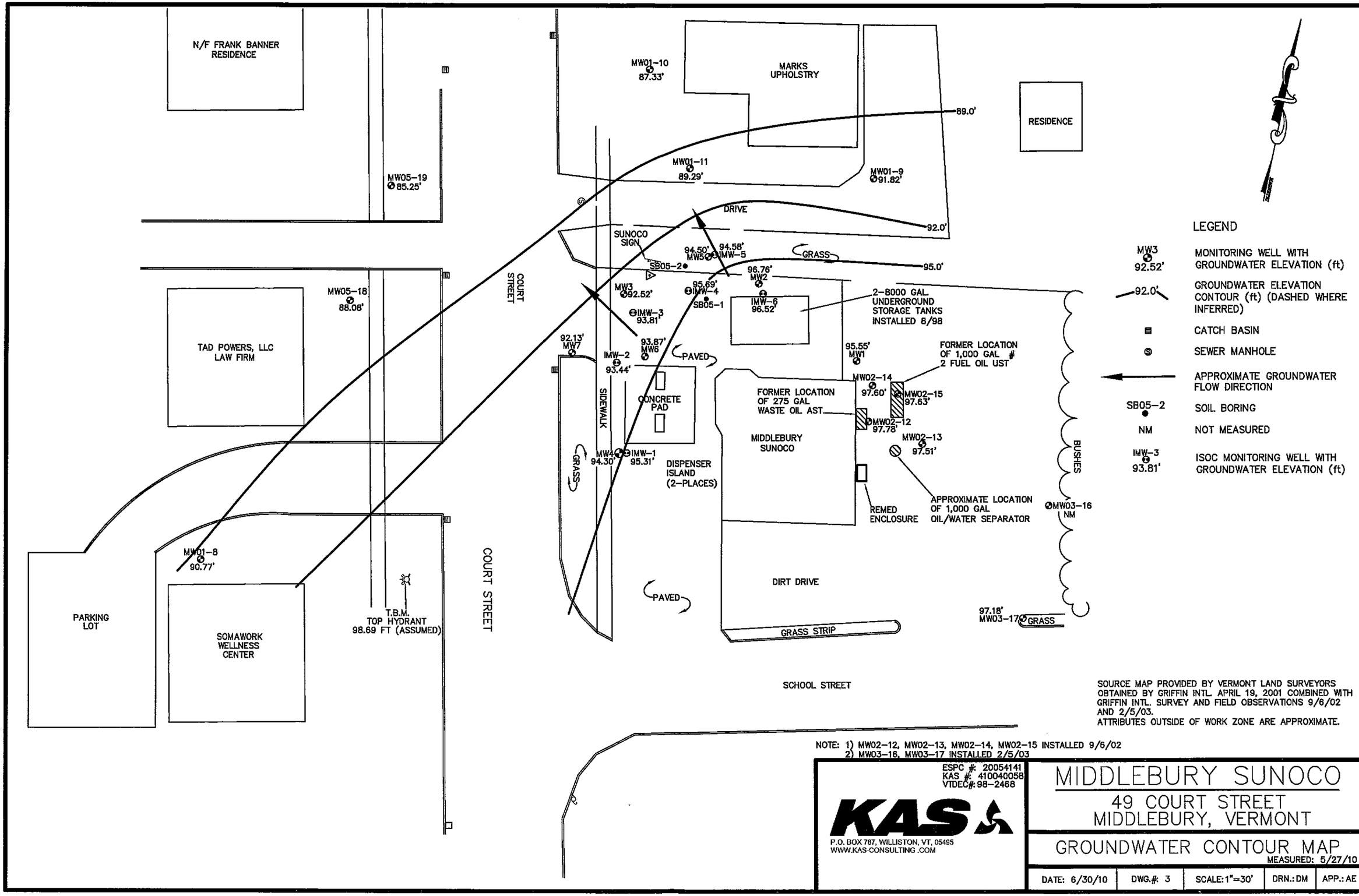
KAS INC

Middlebury Sunoco
49 Court Street
Middlebury, Vermont

Site Location Map
USGS Mapping

Date: 04/10/07	Drawing No. 1	Scale: 1:12,000	By: AR


N/F FRANK BANNER RESIDENCE
MW05-19
MW05-18
TAD POWERS, LLC LAW FIRM
MW01-8
PARKING LOT
SOMAWORK WELLNESS CENTER
T.B.M. TOP HYDRANT 98.69 FT (ASSUMED)
COURT STREET
COURT STREET
MW01-10
MARKS UPHOLSTRY
RESIDENCE
MW01-11
MW01-9
DRIVE
SUNOCO SIGN
SB05-2
MW5
IMW-5
GRASS
MW2
MW3
IMW-4
SB05-1
IMW-6
IMW-3
2-8000 GAL. UNDERGROUND STORAGE TANKS INSTALLED 8/98
MW7
IMW-2
MW6
PAVED
MW1
FORMER LOCATION OF 1,000 GAL # 2 FUEL OIL UST
MW02-14
MW02-15
SIDEWALK
CONCRETE PAD
FORMER LOCATION OF 275 GAL WASTE OIL AST
MW02-12
MIDDLEBURY SUNOCO
MW02-13
GRASS
MW4
IMW-1
DISPENSER ISLAND (2-PLACES)
REMED ENCLOSURE
APPROXIMATE LOCATION OF 1,000 GAL OIL/WATER SEPARATOR
BUSHES
MW03-16
DIRT DRIVE
PAVED
MW03-17
GRASS
GRASS STRIP
SCHOOL STREET
LEGEND
MW3 MONITORING WELL
CATCH BASIN
SEWER MANHOLE
SB05-2 SOIL BORING
IMW-5 ISOC MONITORING WELL WITH GROUNDWATER ELEVATION (ft)
SOURCE MAP PROVIDED BY VERMONT LAND SURVEYORS OBTAINED BY GRIFFIN INTL. APRIL 19, 2001 COMBINED WITH GRIFFIN INTL. SURVEY AND FIELD OBSERVATIONS 9/6/02 AND 2/5/03.
ATTRIBUTES OUTSIDE OF WORK ZONE ARE APPROXIMATE.
NOTE: 1) MW02-12, MW02-13, MW02-14, MW02-15 INSTALLED 9/6/02
2) MW03-16, MW03-17 INSTALLED 2/5/03
ESPC #: 20054141
KAS #: 410040058
VTDEC#: 98-2468
KAS
P.O. BOX 787, WILLISTON, VT, 05495
WWW.KAS-CONSULTING .COM
MIDDLEBURY SUNOCO
49 COURT STREET
MIDDLEBURY, VERMONT
SITE MAP
DATE: 6/30/10
DWG.#: 2
SCALE: 1"=30'
DRN.: DM
APP.: AE


N/F FRANK BANNER RESIDENCE
MW01-10 87.33'
MARKS UPHOLSTRY
RESIDENCE
89.0'
MW05-19 85.25'
MW01-11 89.29'
MW01-9 91.82'
DRIVE
92.0'
SUNOCO SIGN
94.50' MW5
94.58' IMW-5
GRASS
95.0'
SB05-2
96.76' MW2
MW3 92.52'
95.69' IMW-4
SB05-1
IMW-6 96.52'
2-8000 GAL. UNDERGROUND STORAGE TANKS INSTALLED 8/98
MW05-18 88.08'
COURT STREET
IMW-3 93.81'
TAD POWERS, LLC LAW FIRM
92.13' MW7
93.87' MW6
IMW-2 93.44'
PAVED
95.55' MW1
FORMER LOCATION OF 1,000 GAL # 2 FUEL OIL UST
MW02-14 97.60'
MW02-15 97.63'
CONCRETE PAD
SIDEWALK
FORMER LOCATION OF 275 GAL WASTE OIL AST
MW02-12 97.78'
MIDDLEBURY SUNOCO
MW02-13 97.51'
GRASS
MW4 94.30'
IMW-1 95.31'
DISPENSER ISLAND (2-PLACES)
BUSHES
REMED ENCLOSURE
APPROXIMATE LOCATION OF 1,000 GAL OIL/WATER SEPARATOR
MW03-16 NM
MW01-8 90.77'
PAVED
DIRT DRIVE
PARKING LOT
SOMAWORK WELLNESS CENTER
T.B.M. TOP HYDRANT 98.69 FT (ASSUMED)
COURT STREET
97.18' MW03-17
GRASS
GRASS STRIP
SCHOOL STREET
LEGEND
MW3 92.52' MONITORING WELL WITH GROUNDWATER ELEVATION (ft)
92.0' GROUNDWATER ELEVATION CONTOUR (ft) (DASHED WHERE INFERRED)
CATCH BASIN
SEWER MANHOLE
APPROXIMATE GROUNDWATER FLOW DIRECTION
SB05-2 SOIL BORING
NM NOT MEASURED
IMW-3 93.81' ISOC MONITORING WELL WITH GROUNDWATER ELEVATION (ft)
SOURCE MAP PROVIDED BY VERMONT LAND SURVEYORS OBTAINED BY GRIFFIN INTL. APRIL 19, 2001 COMBINED WITH GRIFFIN INTL. SURVEY AND FIELD OBSERVATIONS 9/6/02 AND 2/5/03.
ATTRIBUTES OUTSIDE OF WORK ZONE ARE APPROXIMATE.
NOTE: 1) MW02-12, MW02-13, MW02-14, MW02-15 INSTALLED 9/6/02
2) MW03-16, MW03-17 INSTALLED 2/5/03
ESPC #: 20054141
KAS #: 410040058
VTDEC#: 98-2468
KAS
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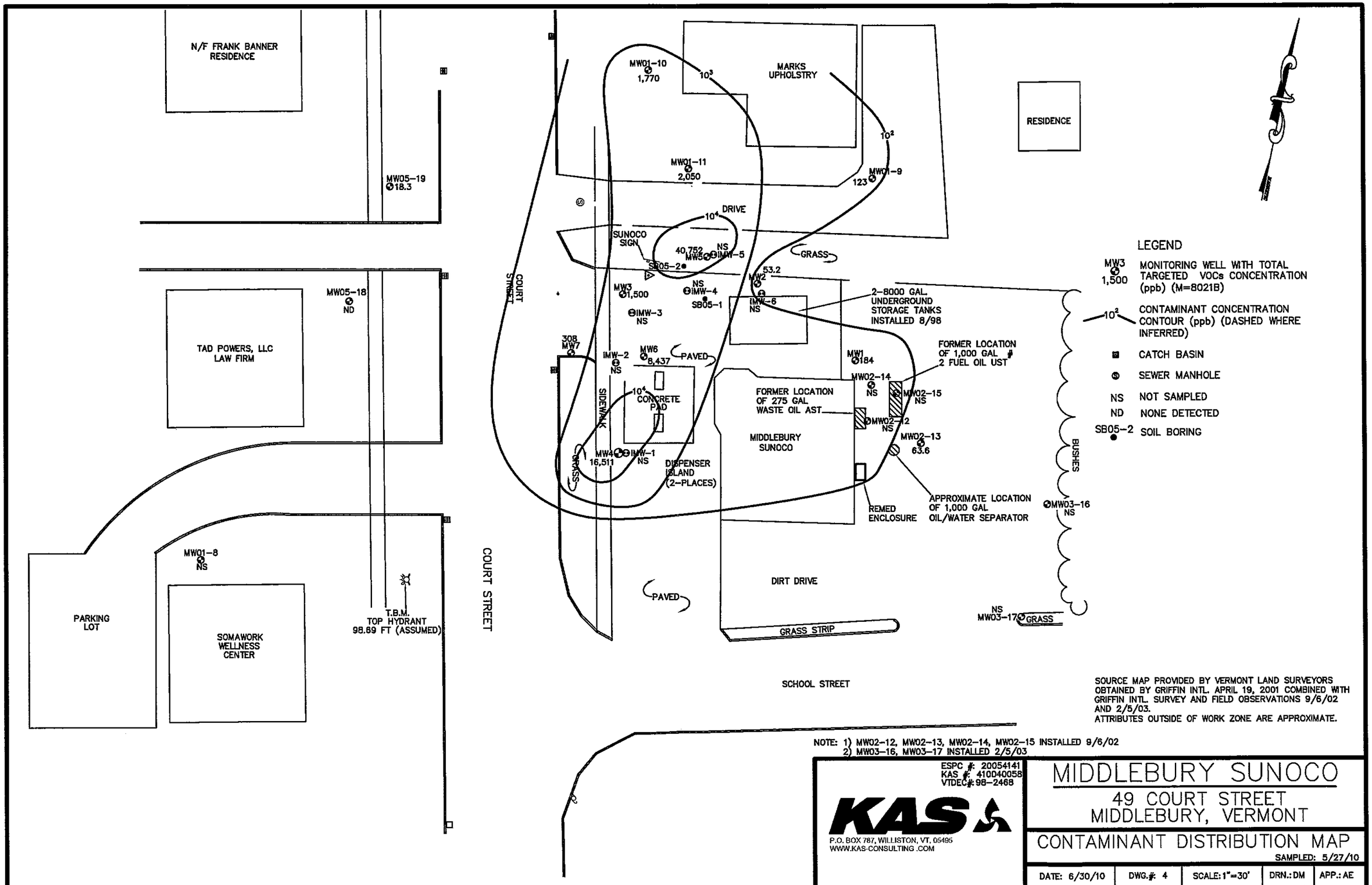
WWW.KAS-CONSULTING .COM
MIDDLEBURY SUNOCO
49 COURT STREET
MIDDLEBURY, VERMONT
GROUNDWATER CONTOUR MAP
MEASURED: 5/27/10
DATE: 6/30/10
DWG.#: 3
SCALE: 1"=30'
DRN.: DM
APP.: AE


N/F FRANK BANNER RESIDENCE
MW05-19
18.3
MW05-18
ND
TAD POWERS, LLC LAW FIRM
PARKING LOT
SOMAWORK WELLNESS CENTER
MW01-8
NS
T.B.M.
TOP HYDRANT
98.69 FT (ASSUMED)
COURT STREET
SCHOOL STREET
MW01-10
1,770
MARKS UPHOLSTRY
RESIDENCE
MW01-11
2,050
MW01-9
123
DRIVE
SUNOCO SIGN
40,752
MW5
NS
IMW-5
SB05-2
GRASS
53.2
MW2
MW3
1,500
NS
IMW-4
SB05-1
IMW-3
NS
IMW-6
NS
2-8000 GAL. UNDERGROUND STORAGE TANKS INSTALLED 8/98
308
MW7
IMW-2
NS
MW6
8,437
PAVED
SIDEWALK
CONCRETE PAD
MW1
184
FORMER LOCATION OF 1,000 GAL # 2 FUEL OIL UST
MW02-14
NS
MW02-15
NS
FORMER LOCATION OF 275 GAL WASTE OIL AST
MW02-12
NS
MW02-13
63.6
MIDDLEBURY SUNOCO
MW4
16,511
IMW-1
NS
DISPENSER ISLAND (2-PLACES)
REMED ENCLOSURE
APPROXIMATE LOCATION OF 1,000 GAL OIL/WATER SEPARATOR
BUSHES
MW03-16
NS
DIRT DRIVE
PAVED
GRASS STRIP
NS
MW03-17
GRASS
LEGEND
MW3 1,500 MONITORING WELL WITH TOTAL TARGETED VOCs CONCENTRATION (ppb) (M=8021B)
CONTAMINANT CONCENTRATION CONTOUR (ppb) (DASHED WHERE INFERRED)
CATCH BASIN
SEWER MANHOLE
NS NOT SAMPLED
ND NONE DETECTED
SB05-2 SOIL BORING
SOURCE MAP PROVIDED BY VERMONT LAND SURVEYORS OBTAINED BY GRIFFIN INTL. APRIL 19, 2001 COMBINED WITH GRIFFIN INTL. SURVEY AND FIELD OBSERVATIONS 9/6/02 AND 2/5/03.
ATTRIBUTES OUTSIDE OF WORK ZONE ARE APPROXIMATE.
NOTE: 1) MW02-12, MW02-13, MW02-14, MW02-15 INSTALLED 9/6/02
2) MW03-16, MW03-17 INSTALLED 2/5/03
ESPC #: 20054141
KAS #: 410040058
VTDEC#: 98-2468
KAS
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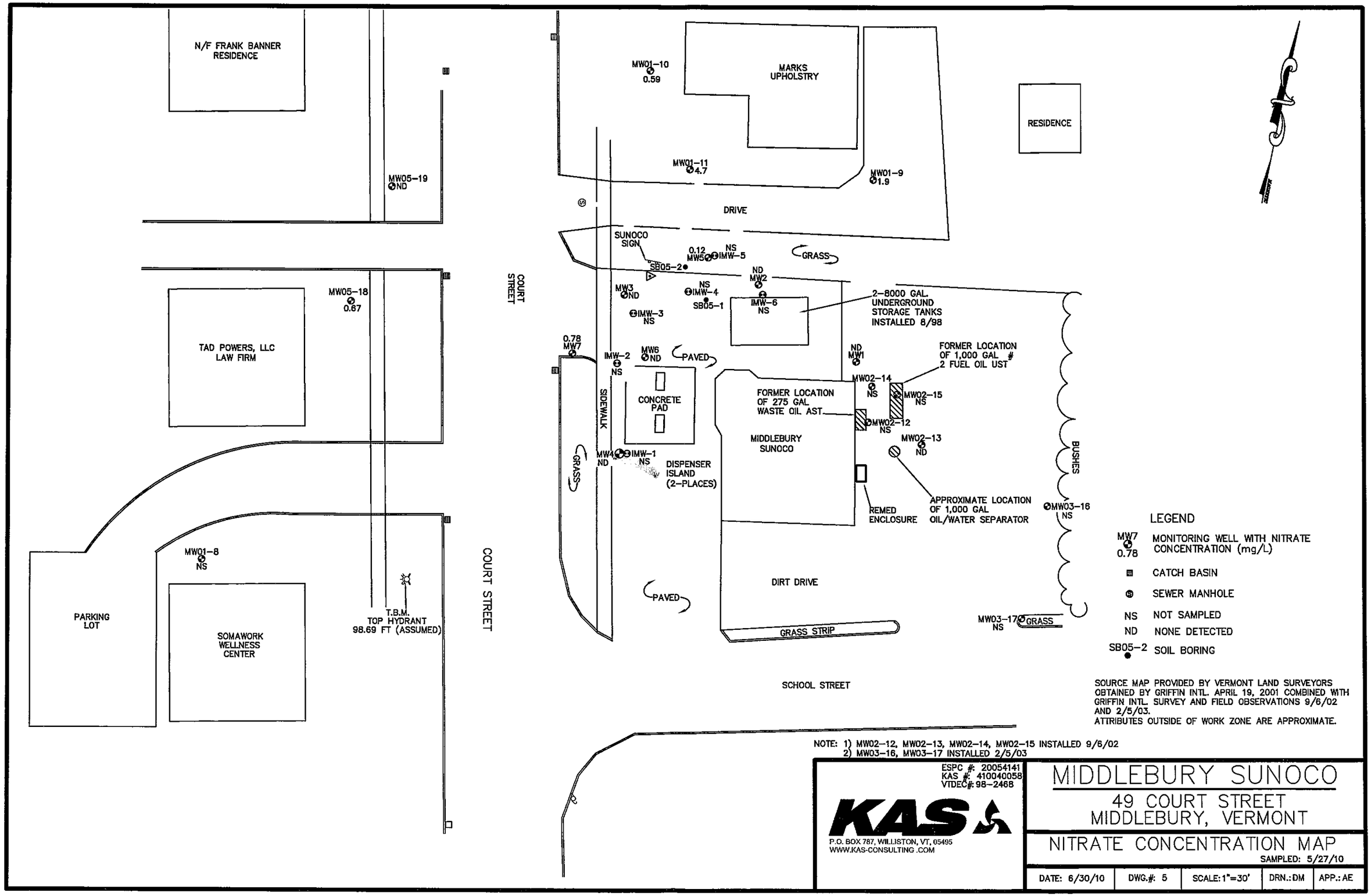
WWW.KAS-CONSULTING.COM
MIDDLEBURY SUNOCO
49 COURT STREET
MIDDLEBURY, VERMONT
CONTAMINANT DISTRIBUTION MAP
SAMPLED: 5/27/10
DATE: 6/30/10
DWG.#: 4
SCALE: 1"=30'
DRN.: DM
APP.: AE


N/F FRANK BANNER RESIDENCE
MW05-19 ND
MW05-18 0.67
TAD POWERS, LLC LAW FIRM
PARKING LOT
MW01-8 NS
SOMAWORK WELLNESS CENTER
T.B.M. TOP HYDRANT 98.69 FT (ASSUMED)
COURT STREET
COURT STREET
MW01-10 0.59
MARKS UPHOLSTRY
RESIDENCE
MW01-11 4.7
MW01-9 1.9
DRIVE
SUNOCO SIGN
0.12 MW5
NS IMW-5
GRASS
SB05-2
ND MW2
MW3 ND
NS IMW-4
SB05-1
IMW-6 NS
IMW-3 NS
2-8000 GAL. UNDERGROUND STORAGE TANKS INSTALLED 8/98
0.78 MW7
IMW-2 NS
MW6 ND
PAVED
ND MW1
FORMER LOCATION OF 1,000 GAL # 2 FUEL OIL UST
MW02-14 NS
MW02-15 NS
CONCRETE PAD
FORMER LOCATION OF 275 GAL WASTE OIL AST
MW02-12 NS
SIDEWALK
MIDDLEBURY SUNOCO
MW02-13 ND
GRASS
MW4 ND
IMW-1 NS
DISPENSER ISLAND (2-PLACES)
BUSHES
REMED ENCLOSURE
APPROXIMATE LOCATION OF 1,000 GAL OIL/WATER SEPARATOR
MW03-16 NS
DIRT DRIVE
PAVED
MW03-17 NS
GRASS
GRASS STRIP
SCHOOL STREET
LEGEND
MW7 0.78 MONITORING WELL WITH NITRATE CONCENTRATION (mg/L)
CATCH BASIN
SEWER MANHOLE
NS NOT SAMPLED
ND NONE DETECTED
SB05-2 SOIL BORING
SOURCE MAP PROVIDED BY VERMONT LAND SURVEYORS OBTAINED BY GRIFFIN INTL. APRIL 19, 2001 COMBINED WITH GRIFFIN INTL. SURVEY AND FIELD OBSERVATIONS 9/6/02 AND 2/5/03.
ATTRIBUTES OUTSIDE OF WORK ZONE ARE APPROXIMATE.
NOTE: 1) MW02-12, MW02-13, MW02-14, MW02-15 INSTALLED 9/6/02
2) MW03-16, MW03-17 INSTALLED 2/5/03
ESPC #: 20054141
KAS #: 410040058
VTDEC#: 98-2468
KAS
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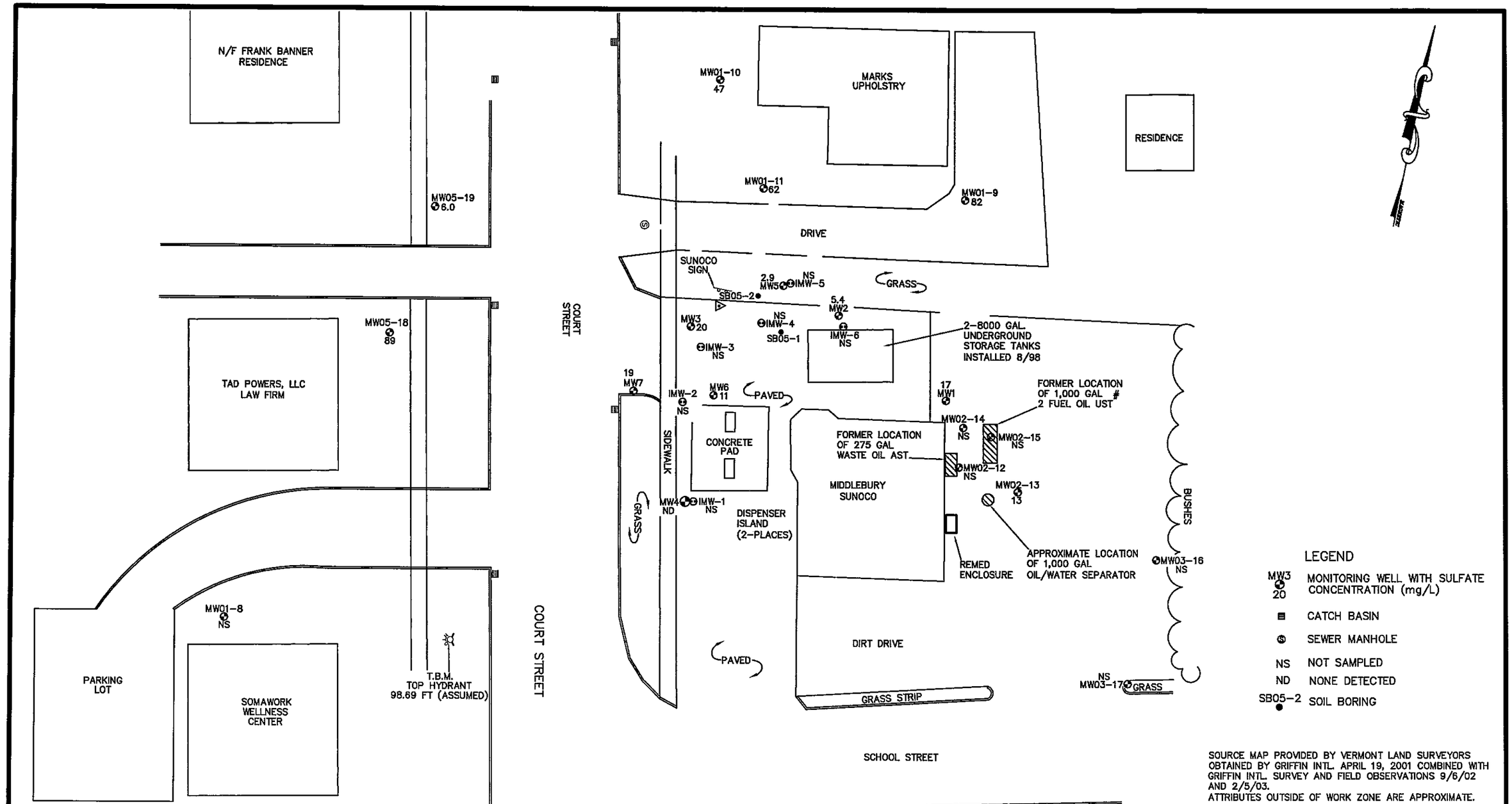
MIDDLEBURY SUNOCO
49 COURT STREET
MIDDLEBURY, VERMONT
NITRATE CONCENTRATION MAP
SAMPLED: 5/27/10
DATE: 6/30/10
DWG.#: 5
SCALE: 1"=30'
DRN.: DM
APP.: AE



SOURCE MAP PROVIDED BY VERMONT LAND SURVEYORS OBTAINED BY GRIFFIN INTL. APRIL 19, 2001 COMBINED WITH GRIFFIN INTL. SURVEY AND FIELD OBSERVATIONS 9/6/02 AND 2/5/03.
ATTRIBUTES OUTSIDE OF WORK ZONE ARE APPROXIMATE.

NOTE: 1) MW02-12, MW02-13, MW02-14, MW02-15 INSTALLED 9/6/02
2) MW03-16, MW03-17 INSTALLED 2/5/03

ESPC #: 20054141
KAS #: 410040058
VTDEC#: 98-2468

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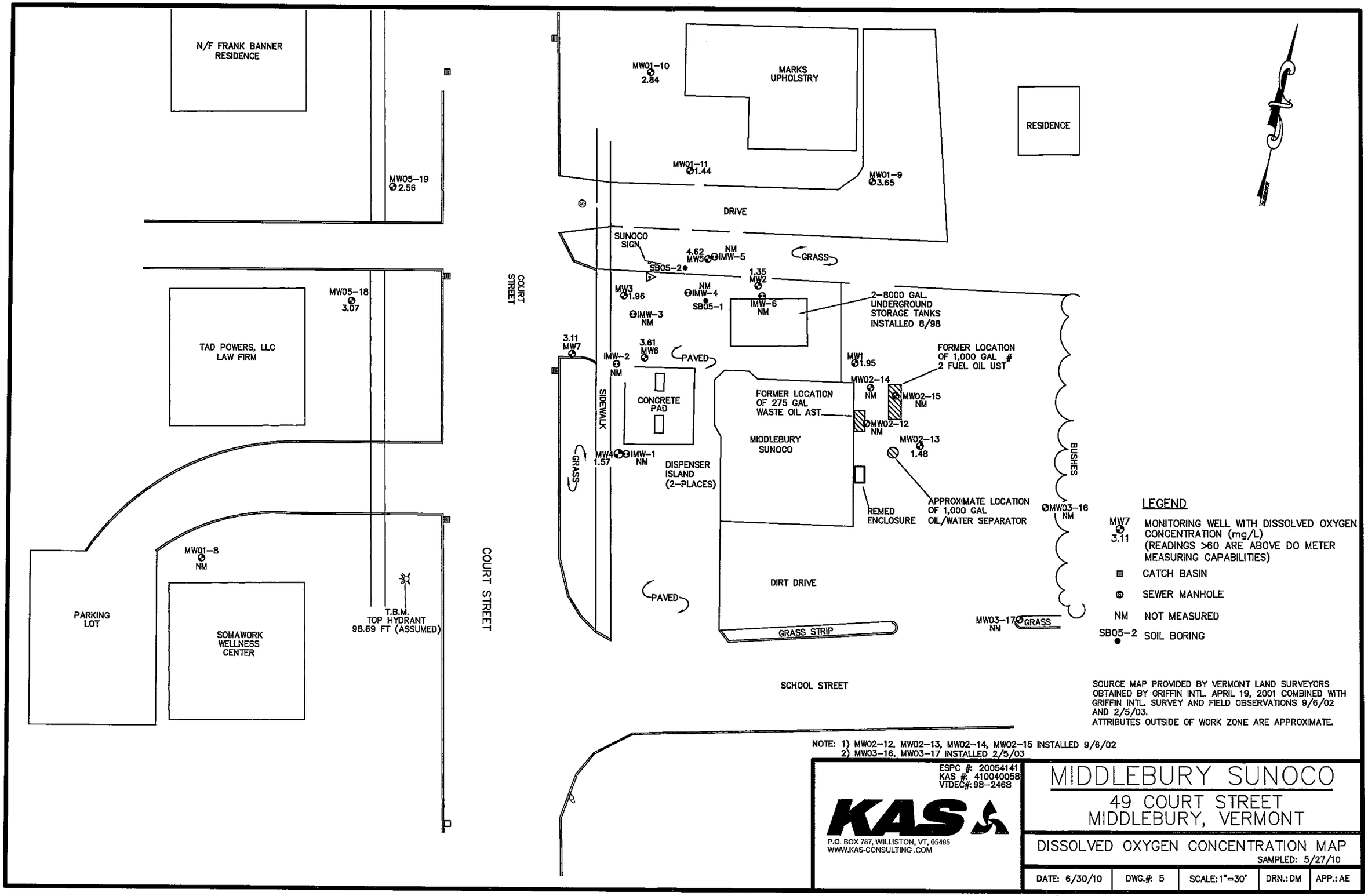
MIDDLEBURY SUNOCO

49 COURT STREET MIDDLEBURY, VERMONT

SULFATE CONCENTRATION MAP

SAMPLED: 5/27/10

DATE: 6/30/10	DWG.#: 6	SCALE: 1"=40'	DRN.: DM	APP.: AE


N/F FRANK BANNER RESIDENCE
MW05-19 2.56
MW05-18 3.07
TAD POWERS, LLC LAW FIRM
COURT STREET
MW01-8 NM
PARKING LOT
SOMAWORK WELLNESS CENTER
T.B.M. TOP HYDRANT 98.69 FT (ASSUMED)
COURT STREET
MW01-10 2.84
MARKS UPHOLSTRY
RESIDENCE
MW01-11 1.44
MW01-9 3.65
DRIVE
SUNOCO SIGN
4.62 MW5
NM IMW-5
GRASS
SB05-2
1.35 MW2
MW3 1.96
NM IMW-4
SB05-1
IMW-6 NM
IMW-3 NM
2-8000 GAL. UNDERGROUND STORAGE TANKS INSTALLED 8/98
3.11 MW7
3.61 MW6
IMW-2 NM
PAVED
MW1 1.95
FORMER LOCATION OF 1,000 GAL. # 2 FUEL OIL UST
MW02-14 NM
MW02-15 NM
CONCRETE PAD
SIDEWALK
FORMER LOCATION OF 275 GAL WASTE OIL AST
MW02-12 NM
MIDDLEBURY SUNOCO
MW02-13 1.48
GRASS
MW4 1.57
IMW-1 NM
DISPENSER ISLAND (2-PLACES)
BUSHES
REMED ENCLOSURE
APPROXIMATE LOCATION OF 1,000 GAL OIL/WATER SEPARATOR
MW03-16 NM
DIRT DRIVE
PAVED
MW03-17 NM
GRASS
GRASS STRIP
SCHOOL STREET
LEGEND
MW7 3.11 MONITORING WELL WITH DISSOLVED OXYGEN CONCENTRATION (mg/L) (READINGS >60 ARE ABOVE DO METER MEASURING CAPABILITIES)
CATCH BASIN
SEWER MANHOLE
NM NOT MEASURED
SB05-2 SOIL BORING
SOURCE MAP PROVIDED BY VERMONT LAND SURVEYORS OBTAINED BY GRIFFIN INTL. APRIL 19, 2001 COMBINED WITH GRIFFIN INTL. SURVEY AND FIELD OBSERVATIONS 9/6/02 AND 2/5/03.
ATTRIBUTES OUTSIDE OF WORK ZONE ARE APPROXIMATE.
NOTE: 1) MW02-12, MW02-13, MW02-14, MW02-15 INSTALLED 9/6/02
2) MW03-16, MW03-17 INSTALLED 2/5/03
ESPC #: 20054141
KAS #: 410040058
VTDEC#: 98-2468
KAS
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WWW.KAS-CONSULTING.COM
MIDDLEBURY SUNOCO
49 COURT STREET
MIDDLEBURY, VERMONT
DISSOLVED OXYGEN CONCENTRATION MAP
SAMPLED: 5/27/10
DATE: 6/30/10
DWG.#: 5
SCALE: 1"=30'
DRN.: DM
APP.: AE

APPENDIX B

Liquid Level Monitoring Data

Measurement Date: May 27, 2010

Well I.D.	Well Depth btoc	Top of Casing Elevation	Depth To Product btoc	Depth To Water btoc	Product Thickness	Specific Gravity Of Product	Water Equivalent	Corrected Depth To Water	Corrected Water Table Elevation
MW1	19.45	100.00	-	4.45	-	-	-	4.45	**95.55**
MW2	12.50	98.91	-	2.15	-	-	-	2.15	**96.76**
MW3	14.45	96.76	-	4.24	-	-	-	4.24	**92.52**
MW4	14.50	98.73	-	4.43	-	-	-	4.43	**94.30**
MW5	12.25	98.95	-	4.45	-	-	-	4.45	**94.50**
MW6	12.15	98.75	-	4.88	-	-	-	4.88	**93.87**
MW7	11.92	96.39	-	4.26	-	-	-	4.26	**92.13**
MW01-8	13.60	96.48	-	5.71	-	-	-	5.71	**90.77**
MW01-9	14.30	95.63	-	3.81	-	-	-	3.81	**91.82**
MW01-10	14.60	94.77	-	7.44	-	-	-	7.44	**87.33**
MW01-11	14.30	95.35	-	6.06	-	-	-	6.06	**89.29**
MW02-12	15.86	103.22	-	5.44	-	-	-	5.44	**97.78**
MW02-13	12.60	100.14	-	2.63	-	-	-	2.63	**97.51**
MW02-14	12.54	99.84	-	2.24	-	-	-	2.24	**97.60**
MW02-15	12.52	99.98	-	2.35	-	-	-	2.35	**97.63**
MW03-16	13.00	100.39	-	NM	-	-	-	NM	**NM**
MW03-17	13.00	100.35	-	3.17	-	-	-	3.17	**97.18**
MW05-18	14.00	93.58	-	5.50	-	-	-	5.50	**88.08**
MW05-19	14.00	93.07	-	7.82	-	-	-	7.82	**85.25**
IMW-1	14.00	98.92	-	3.61	-	-	-	3.61	**95.31**
IMW-2	14.00	97.78	-	4.34	-	-	-	4.34	**93.44**
IMW-3	14.00	97.62	-	3.81	-	-	-	3.81	**93.81**
IMW-4	14.00	98.52	-	2.83	-	-	-	2.83	**95.69**
IMW-5	14.00	98.88	-	4.30	-	-	-	4.30	**94.58**
IMW-6	14.00	98.99	-	2.47	-	-	-	2.47	**96.52**

NOTES:
All Values Reported in Feet
btoc - Below Top of Casing
nm - not measured
Original Site survey by Vermont Land Surveyors, - April 19, 2001
Elevations determined relative to MW1

Historical Summary of Liquid Level Data

Well I.D.	*Measurement Date:* 2/4/1999	11/5/1999	2/14/2000	5/25/2000	8/8/2000	2/12/2001	4/19/2001	7/2/2001	10/12/2001
MW1	95.8	95.77	94.24	96.23	#NA	94.59	96.61	95.58	94.91
MW2	96.3	96.18	95.19	96.52	96.16	95.04	96.80	96.45	96.12
MW3	92.1	92.76	91.09	92.49	92.36	91.45	92.28	92.32	92.11
MW4	94.3	93.84	92.84	94.66	94.23	93.45	94.68	94.30	93.72
MW5	Installed 10/25/99	94.98	92.74	95.90	94.15	93.48	94.97	95.83	93.21
MW6		94.35	92.41	94.15	93.91	92.82	94.10	93.90	93.38
MW7		92.76	91.09	92.49	92.36	91.45	92.08	91.83	91.77
MW01-8	Installed 4/3/2001						92.47	93.02	89.29
MW01-9							91.76	86.76	92.06
MW01-10							87.14	87.50	87.16
MW01-11							89.66	89.96	90.03

Well I.D.	*Measurement Date:* 4/19/2002	9/16/2002	11/8/2002	12/10/2002	2/19/2003	4/7/2003	10/27/2003	6/15/2004	5/27/2005
MW1	96.11	94.86	95.51	#NA	94.15	95.61	95.65	95.41	95.45
MW2	96.65	95.78	95.99	#NA	#NA	96.30	96.35	96.19	96.34
MW3	92.64	91.83	92.56	#NA	#NA	92.61	92.64	91.95	91.94
MW4	94.75	93.16	94.31	#NA	#NA	94.54	94.40	94.04	93.95
MW5	95.10	90.57	94.84	#NA	#NA	94.51	96.34	94.28	94.08
MW6	94.16	92.17	93.79	#NA	#NA	94.03	93.88	93.61	93.62
MW7	92.33	91.53	91.98	#NA	#NA	92.44	92.28	91.66	91.46
MW01-8	92.51	88.49	91.36	#NA	#NA	92.45	91.65	91.18	90.64
MW01-9	91.88	91.79	92.33	#NA	#NA	92.03	92.46	91.73	91.29
MW01-10	87.77	87.15	87.57	#NA	#NA	87.44	87.91	87.58	87.30
MW01-11	90.12	89.76	90.10	#NA	#NA	89.73	90.36	89.54	89.21
MW02-12	Installed 9/6/02	97.61	#NA	97.57	#NA	97.85	97.97	97.69	97.70
MW02-13		97.59	#NA	#NA	96.69	97.52	97.85	97.51	97.48
MW02-14		97.61	#NA	97.53	#NA	97.79	97.82	97.58	97.57
MW02-15		97.60	#NA	97.52	96.83	97.78	97.90	97.62	97.61
MW03-16	Installed 2/5/03				94.73	97.82	96.19	96.54	96.52
MW03-17					94.82	98.26	96.80	96.99	96.93

NOTES:
All Values Reported in Feet
btoc - Below Top of Casing
#NA - not measured
Site surveyed by Vermont Land Surveyors, - April 19, 2001
Elevations determined relative to MW1, which was arbitrarely set at 100.00 feet
MW02-12 - MW02-15 Surveyed by Griffin International, - September 6, 2002
MW03-16 and MW03-17 Surveyed by Griffin International, - February 5, 2003

Historical Summary of Liquid Level Data

Well I.D.	*Measurement Date:* 10/13/2005	11/22/2006	3/8/07	5/11/07	8/7/07	11/29/07	2/19/08	5/15/08	8/7/08
MW1	95.88	96.40	94.22	95.70	95.50	96.57	95.50	95.50	96.58
MW2	96.34	96.83	95.46	96.83	96.54	97.16	96.71	96.63	97.40
MW3	92.69	93.31	90.91	92.49	92.28	93.57	92.35	92.53	93.90
MW4	93.13	94.41	92.55	93.64	93.11	95.22	94.20	93.90	95.38
MW5	94.60	94.98	92.76	94.31	93.82	95.33	94.41	94.40	95.79
MW6	93.81	94.57	92.28	93.91	93.77	93.79	93.88	93.89	94.85
MW7	92.20	92.76	91.02	92.22	92.15	92.61	92.09	92.14	93.55
MW01-8	#N/A	92.31	#N/A	91.07	90.02	93.39	#N/A	91.23	93.89
MW01-9	92.85	92.89	90.83	91.91	92.07	93.36	92.63	91.65	92.85
MW01-10	88.02	88.01	#N/A	87.29	87.64	89.19	90.08	87.32	90.00
MW01-11	90.33	90.41	88.91	89.23	89.92	90.93	91.76	89.18	91.80
MW02-12	#N/A	97.72	#N/A	97.87	#N/A	97.79	#N/A	97.65	NM
MW02-13	#N/A	97.7	#N/A	97.69	#N/A	97.80	#N/A	97.48	NM
MW02-14	#N/A	#N/A	#N/A	97.76	#N/A	98.14	#N/A	97.47	NM
MW02-15	#N/A	#N/A	#N/A	#N/A	#N/A	97.71	#N/A	97.49	NM
MW03-16	#N/A	#N/A	#N/A	#N/A	#N/A	98.47	#N/A	NM	NM
MW03-17	#N/A	98.16	#N/A	97.21	#N/A	98.61	#N/A	97.39	NM
MW05-18	88.43	88.69	87.59	88.36	88.14	89.27	88.88	87.78	89.88
MW05-19	86.05	86.40	#N/A	85.99	86.16	86.47	87.76	86.04	87.06
IMW-1	Installed 10/30/06	#N/A	#N/A	94.31	95.54	95.90	#N/A	94.78	97.30
IMW-2		#N/A	91.65	93.31	93.12	94.16	#N/A	93.29	95.09
IMW-3		#N/A	91.09	92.92	92.83	94.11	92.29	93.25	95.24
IMW-4		#N/A	92.93	96.22	94.94	95.81	94.76	95.17	95.96
IMW-5		#N/A	92.15	93.88	93.79	94.80	94.10	94.26	95.28
IMW-6		#N/A	95.22	96.59	96.26	97.19	96.46	96.35	97.12

Well I.D.	*Measurement Date:* 12/3/2008	2/4/2009	5/6/09	8/5/09	11/23/09	5/27/10			
MW1	95.98	94.38	95.72	96.15	96.05	95.55			
MW2	96.69	95.94	96.63	97.03	96.80	96.76			
MW3	93.41	90.93	92.78	92.91	93.05	92.52			
MW4	96.13	92.57	93.88	93.24	94.71	94.30			
MW5	94.95	93.47	94.78	95.41	95.27	94.50			
MW6	94.29	91.35	93.97	94.45	94.19	93.87			
MW7	92.63	91.01	92.41	92.92	92.61	92.13			
MW01-8	92.47	90.58	92.13	92.22	92.47	90.77			
MW01-9	92.75	91.04	91.50	92.49	92.69	91.82			
MW01-10	87.81	86.95	87.37	88.30	88.42	87.33			
MW01-11	90.15	88.97	89.34	90.50	90.34	89.29			
MW02-12	97.75	NM	97.83	NM	-	97.78			
MW02-13	97.72	NM	97.57	NM	-	97.51			
MW02-14	97.58	NM	97.65	NM	-	97.60			
MW02-15	97.6	NM	97.68	NM	-	97.63			
MW03-16	NM	NM	97.47	NM	-	-			
MW03-17	98.52	NM	97.93	NM	-	97.18			
MW05-18	88.7	87.78	88.13	88.57	88.62	88.08			
MW05-19	86.4	86.00	86.17	86.44	86.46	85.25			
IMW-1	96.06	92.81	97.11	95.93	95.63	95.31			
IMW-2	94.39	91.75	93.99	93.99	93.72	93.44			
IMW-3	93.59	91.31	94.03	95.44	94.51	93.81			
IMW-4	94.99	93.00	95.51	96.12	95.61	95.69			
IMW-5	94.34	93.49	94.77	94.80	94.38	94.58			
IMW-6	96.42	95.56	96.37	96.76	96.53	96.52			

NOTES:
All Values Reported in Feet
btoc - Below Top of Casing
#NA - not measured
Site surveyed by Vermont Land Surveyors, - April 19, 2001
Elevations determined relative to MW1, which was arbitrarely set at 100.00 feet
MW02-12 - MW02-15 Surveyed by Griffin International, - September 6, 2002
MW03-16 and MW03-17 Surveyed by Griffin International, - February 5, 2003
MW05-18 and MW05-19 Surveyed by KAS, Inc-October 27, 2005

APPENDIX C

Groundwater Quality Data

Groundwater Quality Summary

Monitoring Well MW1

PARAMETER	*Date of Sample Collection:* 2/4/1999	11/5/1999	2/14/2000	5/25/2000	8/7/2000	2/12/2001	4/19/2001	VGES
Benzene	ND<5.0	**12.0**	**11.3**	**7.8**		**11.1**	**4.1**	5
Toluene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	Not	ND<2.0	ND<4.0	1,000
Ethylbenzene	ND<5.0	**11.1**	ND<5.0	ND<5.0	Sampled	ND<2.0	ND<4.0	700
Xylenes	**5.6**	ND<5.0	ND<5.0	ND<5.0		ND<2.0	ND<4.0	10,000
Total BTEX	**5.6**	**23.1**	**11.3**	**7.8**		**11.1**	**4.1**	-
1,3,5 Trimethyl Benzene	ND<5.0	ND<5.0	ND<5.0	ND<5.0		ND<2.0	ND<4.0	4
1,2,4 Trimethyl Benzene	TBQ<5.0	ND<5.0	ND<5.0	ND<5.0		ND<2.0	ND<4.0	5
Naphthalene	ND<5.0	TBQ<5.0	ND<5.0	**6.1**		**2.0**	ND<4.0	20
MTBE	**497.**	**451.**	**267.**	**260.**		**303.**	**232.**	40
Total Targeted VOCs	**503.**	**474.**	**278.**	**274.**		**316.**	**236.**	-
TPH (mg/L)	ND<0.40	ND<0.40	ND<0.40	**1.75**		**0.50**	NT	-

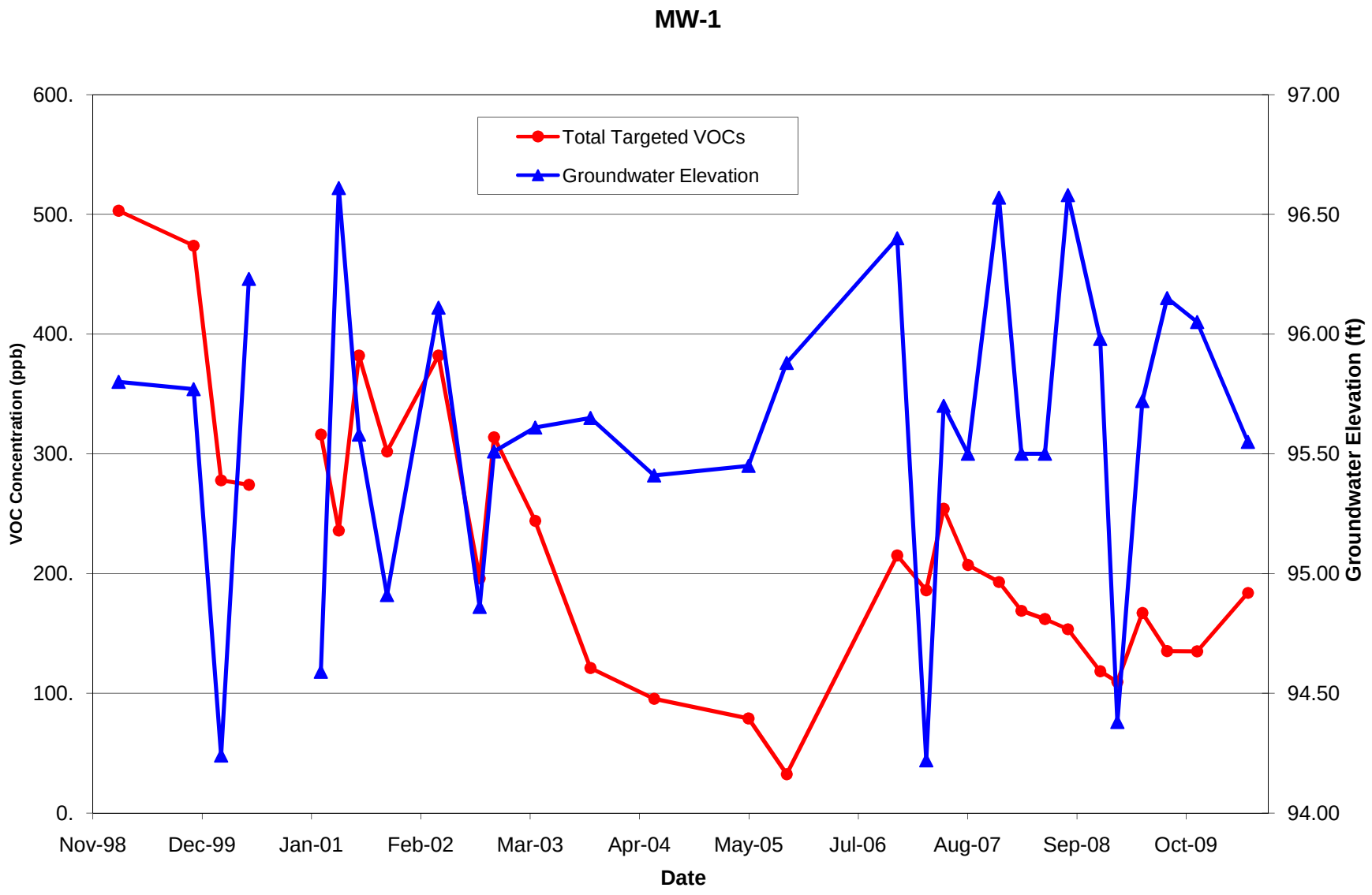
PARAMETER	*Date of Sample Collection:* 7/2/2001	10/12/2001	4/19/2002	09/16/2002*	11/8/2002	4/7/2003	10/27/2003	VGES
Benzene	**7.1**	**5.5**	**4.1**	**5.1**	**5.5**	**4.9**	**4.5**	5
Toluene	ND<4.0	ND<4.0	ND<2.0	ND<1.0	ND<4.0	ND<2.0	ND<2.0	1,000
Ethylbenzene	ND<4.0	ND<4.0	**18.9**	ND<1.0	**24.9**	ND<2.0	ND<2.0	700
Xylenes	ND<4.0	ND<8.0	**2.6**	ND<2.0	ND<8.0	ND<4.0	ND<4.0	10,000
Total BTEX	**7.1**	**5.5**	**25.6**	**5.1**	**30.4**	**4.9**	**4.5**	-
1,3,5 Trimethyl Benzene	ND<4.0	ND<4.0	ND<2.0	ND<1.0	ND<4.0	ND<2.0	ND<2.0	4
1,2,4 Trimethyl Benzene	ND<4.0	ND<4.0	ND<2.0	ND<1.0	ND<4.0	ND<2.0	ND<2.0	5
Naphthalene	ND<4.0	ND<8.0	ND<2.0	ND<2.0	ND<4.0	ND<2.0	ND<2.0	20
MTBE	**375.**	**296.**	**356.**	**191.**	**284.**	**239.**	**116.**	40
Total Targeted VOCs	**382.**	**302.**	**382.**	**196.**	**314.**	**244.**	**121.**	-

PARAMETER	*Date of Sample Collection:* 6/15/2004	5/27/2005	10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	VGES
Benzene	**3.4**	**9.2**	**2.3**	**10.5**	**8.5**	**11.0**	ND<2.0	5
Toluene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<5.0	ND<2.0	1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<5.0	ND<2.0	700
Xylenes	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<4.0	ND<10.0	ND<4.0	10,000
Total BTEX	**3.4**	**9.2**	**2.3**	**10.5**	**8.5**	**11.0**	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<5.0	ND<2.0	350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<5.0	ND<2.0	
Naphthalene	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<4.0	ND<10.0	ND<4.0	20
MTBE	**91.9**	**69.7**	**30.1**	**204.**	**177.**	**243.**	**207.**	40
Total Targeted VOCs	**95.3**	**78.9**	**32.4**	**215.**	**186.**	**254.**	**207.**	-

PARAMETER	*Date of Sample Collection:* 11/29/2007	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	VGES
Benzene	**6.3**	**6.9**	ND<2.0	**5.6**	**4.3**	**4.5**	ND<2.0	5
Toluene	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	1,000
Ethylbenzene	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	700
Xylenes	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	10,000
Total BTEX	**6.3**	**6.9**	ND	**5.6**	**4.3**	**4.5**	ND	-
1,3,5 Trimethyl Benzene	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	350
1,2,4 Trimethyl Benzene	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	
Naphthalene	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	20
MTBE	**187.**	**162**	**162**	**148**	**114**	**105**	**167**	40
Total Targeted VOCs	**193.**	**169**	**162**	**154**	**118**	**110**	**167**	-

PARAMETER	*Date of Sample Collection:* 8/5/2009	11/23/2009	5/27/2010					VGES
Benzene	**4.2**	ND<5.0	ND<2.0					5
Toluene	ND<2.0	ND<5.0	ND<2.0					1,000
Ethylbenzene	ND<2.0	ND<5.0	ND<2.0					700
Xylenes	ND<4.0	ND<10.0	ND<4.0					10,000
Total BTEX	**4.2**	ND	ND					-
1,3,5 Trimethyl Benzene	ND<2.0	ND<5.0	ND<2.0					350
1,2,4 Trimethyl Benzene	ND<2.0	ND<5.0	ND<2.0					
Naphthalene	ND<4.0	ND<10.0	ND<4.0					20
MTBE	**131**	**135**	**184**					40
Total Targeted VOCs	**135**	**135**	**184**					-

* Sample analyzed per EPA Method 8260B
TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW-1
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
Date
600.
500.
400.
300.
200.
100.
0.
97.00
96.50
96.00
95.50
95.00
94.50
94.00
Nov-98
Dec-99
Jan-01
Feb-02
Mar-03
Apr-04
May-05
Jul-06
Aug-07
Sep-08
Oct-09

Groundwater Quality Summary

Monitoring Well MW2

PARAMETER	*Date of Sample Collection:* 2/4/1999	11/5/1999	2/14/2000	5/25/2000	8/7/2000	2/12/2001	4/19/2001	VGES
Benzene	TBQ<500.	**285.**	**206.**	**248.**	**271.**	**191.**	**331.**	5
Toluene	**4,030.**	TBQ<100.	TBQ<50.0	ND<100.	ND<50.0	**37.2**	**71.6**	1,000
Ethylbenzene	**1,600.**	**201.**	**186.**	**201.**	**188.**	**165.**	**351.**	700
Xylenes	**11,900.**	**333.**	**263.**	**309.**	**347.**	**450.**	**1,380.**	10,000
Total BTEX	**17,530.**	**819.**	**655.**	**758.**	**806.**	**843.**	**2,134.**	-
1,3,5 Trimethyl Benzene	**1,170.**	TBQ<100.	TBQ<50.0	ND<100.	**56.1**	**56.6**	**106.**	4
1,2,4 Trimethyl Benzene	**3,080.**	**479.**	**365.**	**318.**	**322.**	**339.**	**724.**	5
Naphthalene	**1,630.**	**102.**	**300.**	**156.**	ND<50.0	**87.4**	**184.**	20
MTBE	**29,900.**	**8,920.**	**4,160.**	**6,810.**	**5,480.**	**2,740.**	**3,650.**	40
Total Targeted VOCs	**53,310.**	**10,320.**	**5,480.**	**8,042.**	**6,664.**	**4,066.**	**6,798.**	-
TPH (mg/L)	**26.7**	**5.7**	**6.53**	**4.46**	**7.03**	**4.52**	NT	-

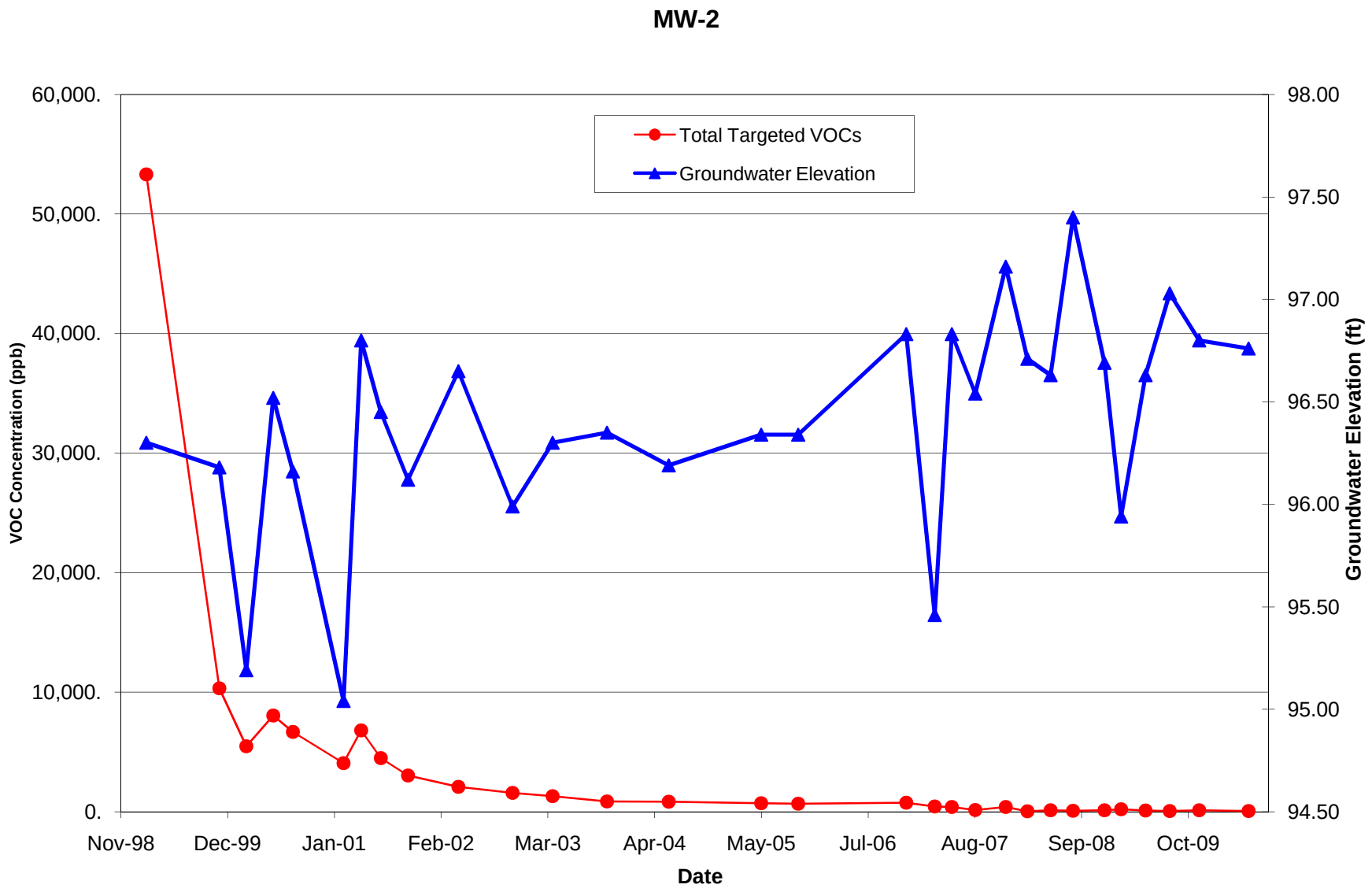
PARAMETER	*Date of Sample Collection:* 7/2/2001	10/12/2001	4/19/2002	11/8/2002	4/7/2003	10/27/2003	6/15/2004	VGES
Benzene	**223.**	**92.3**	**109.**	**102.**	**97.**	**86.3**	**158.**	5
Toluene	ND<40.0	**14.7**	**13.0**	**11.0**	**32.9**	**6.6**	ND<10.0	1,000
Ethylbenzene	**205.**	**107.**	**112.**	**124.**	**72.4**	**84.5**	**135.**	700
Xylenes	**220.**	**221.**	**322.**	**247.**	**305.**	**119.**	**87.4**	10,000
Total BTEX	**648.**	**435.**	**556.**	**484.**	**507.**	**296.**	**380.**	-
1,3,5 Trimethyl Benzene	ND<40.0	**17.1**	**28.2**	**17.8**	**15.0**	**5.8**	ND<10.0	4
1,2,4 Trimethyl Benzene	**246.**	**167.**	**181.**	**264.**	**157.**	**127.**	**102.**	5
Naphthalene	**41.1**	**26.2**	**31.9**	**65.5**	**20.6**	**22.5**	**17.9**	20
MTBE	**3,550.**	**1,950.**	**1,280.**	**745.**	**588.**	**410.**	**706.**	40
Total Targeted VOCs	**4,485.**	**3,030.**	**2,077.**	**1,576.**	**1,288.**	**862.**	**826.**	-

PARAMETER	*Date of Sample Collection:* 5/27/2005	10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	11/29/2007	VGES
Benzene	**108.**	**102.**	**134.**	**54.5**	**43.4**	**15.1**	**63.8**	5
Toluene	ND<10.0	ND<10.0	**6.0**	**3.1**	**10.1**	ND<2.0	**3.5**	1,000
Ethylbenzene	**66.5**	**60.8**	**95.6**	**69.0**	**42.6**	**11.6**	**52.3**	700
Xylenes	**31.6**	**58.2**	**126.**	**73.4**	**62.5**	**4.6**	**62.6**	10,000
Total BTEX	**206.**	**221.**	**362.**	**200.**	**159.**	**31.3**	**182.2**	-
1,3,5 Trimethyl Benzene	ND<10.0	ND<10.0	**6.8**	**4.5**	**16.3**	ND<2.0	**3.3**	350
1,2,4 Trimethyl Benzene	**26.1**	**40.0**	**99.1**	**70.1**	**36.4**	**3.5**	**50.9**	
Naphthalene	**17.9**	**47.7**	**39.5**	**26.9**	**31.5**	**4.3**	**18.0**	20
MTBE	**456.**	**351.**	**252.**	**133.**	**140.**	**92.7**	**132**	40
Total Targeted VOCs	**706.**	**660.**	**759.**	**435.**	**383.**	**131.8**	**386**	-

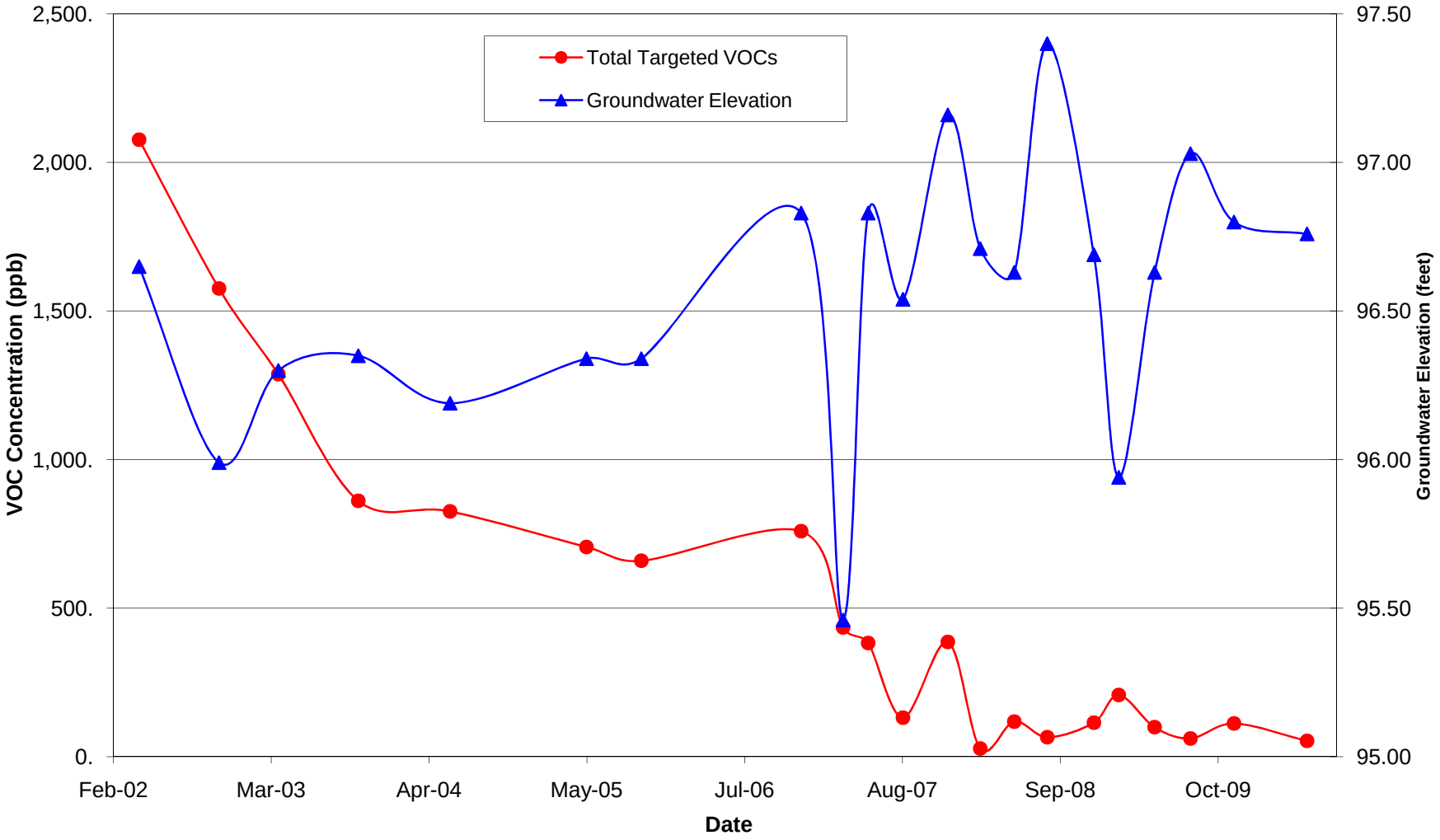
PARAMETER	*Date of Sample Collection:* 2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	VGES
Benzene	**9.8**	**22.7**	**18.7**	**22.3**	**42.4**	**22.3**	**26.1**	5
Toluene	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	1,000
Ethylbenzene	**2.7**	**26.8**	**8.9**	**15.8**	**25.6**	**14.4**	**5.8**	700
Xylenes	ND<4.0	**31.1**	**11.2**	**25.9**	**38.1**	**15.9**	**7.9**	10,000
Total BTEX	**12.5**	**80.6**	**38.8**	**64.0**	**106.1**	**52.6**	**39.8**	-
1,3,5 Trimethyl Benzene	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	350
1,2,4 Trimethyl Benzene	ND<2.0	**22.5**	**7.7**	**30.2**	**59.0**	**17.3**	**8.5**	
Naphthalene	ND<4.0	**5.6**	ND<4.0	ND<4.0	**10.9**	ND<4.0	ND<4.0	20
MTBE	**15.6**	**32.5**	**19.0**	**20.1**	**32.1**	**29.4**	**13.5**	40
Total Targeted VOCs	**28.1**	**141.2**	**65.5**	**114.3**	**208.1**	**99.3**	**61.8**	-

PARAMETER	*Date of Sample Collection:* 11/23/2009	5/27/2010						VGES
Benzene	**20.2**	**13.8**						5
Toluene	**1.4**	ND<1.0						1,000
Ethylbenzene	**13.7**	**11.0**						700
Xylenes	**18.5**	**12.0**						10,000
Total BTEX	**53.8**	**36.8**						-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0						350
1,2,4 Trimethyl Benzene	**29.1**	**7.4**						
Naphthalene	**5.2**	**2.1**						20
MTBE	**23.6**	**6.9**						40
Total Targeted VOCs	**111.7**	**53.2**						-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW-2
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
Date
60,000.
50,000.
40,000.
30,000.
20,000.
10,000.
0.
98.00
97.50
97.00
96.50
96.00
95.50
95.00
94.50
Nov-98
Dec-99
Jan-01
Feb-02
Mar-03
Apr-04
May-05
Jul-06
Aug-07
Sep-08
Oct-09

MW-2
(April 2002 - Present)



Groundwater Quality Summary

Monitoring Well MW3

PARAMETER	*Date of Sample Collection:* 2/4/1999	11/5/1999	2/14/2000	5/25/2000	8/7/2000	2/12/2001	4/19/2001	VGES
Benzene	ND<5.0	ND<20.0	ND<50.0	ND<100.	ND<200.	ND<100.	ND<200.	5
Toluene	ND<5.0	ND<20.0	ND<50.0	ND<100.	ND<200.	ND<100.	ND<200.	1,000
Ethylbenzene	ND<5.0	ND<20.0	ND<50.0	ND<100.	ND<200.	ND<100.	ND<200.	700
Xylenes	ND<5.0	ND<20.0	ND<50.0	ND<100.	ND<200.	ND<100.	ND<200.	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<5.0	ND<20.0	ND<50.0	ND<100.	ND<200.	ND<100.	ND<200.	4
1,2,4 Trimethyl Benzene	ND<5.0	ND<20.0	ND<50.0	ND<100.	**213.**	ND<100.	ND<200.	5
Naphthalene	ND<5.0	ND<20.0	ND<50.0	ND<100.	ND<200.	ND<100.	ND<200.	20
MTBE	**422.**	**1,410.**	**2,420.**	**5,100.**	**12,400.**	**8,740.**	**10,800.**	40
Total Targeted VOCs	**422.**	**1,410.**	**2,420.**	**5,100.**	**12,613.**	**8,740.**	**10,800.**	-
TPH (mg/L)	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	ND<0.40	NT	-

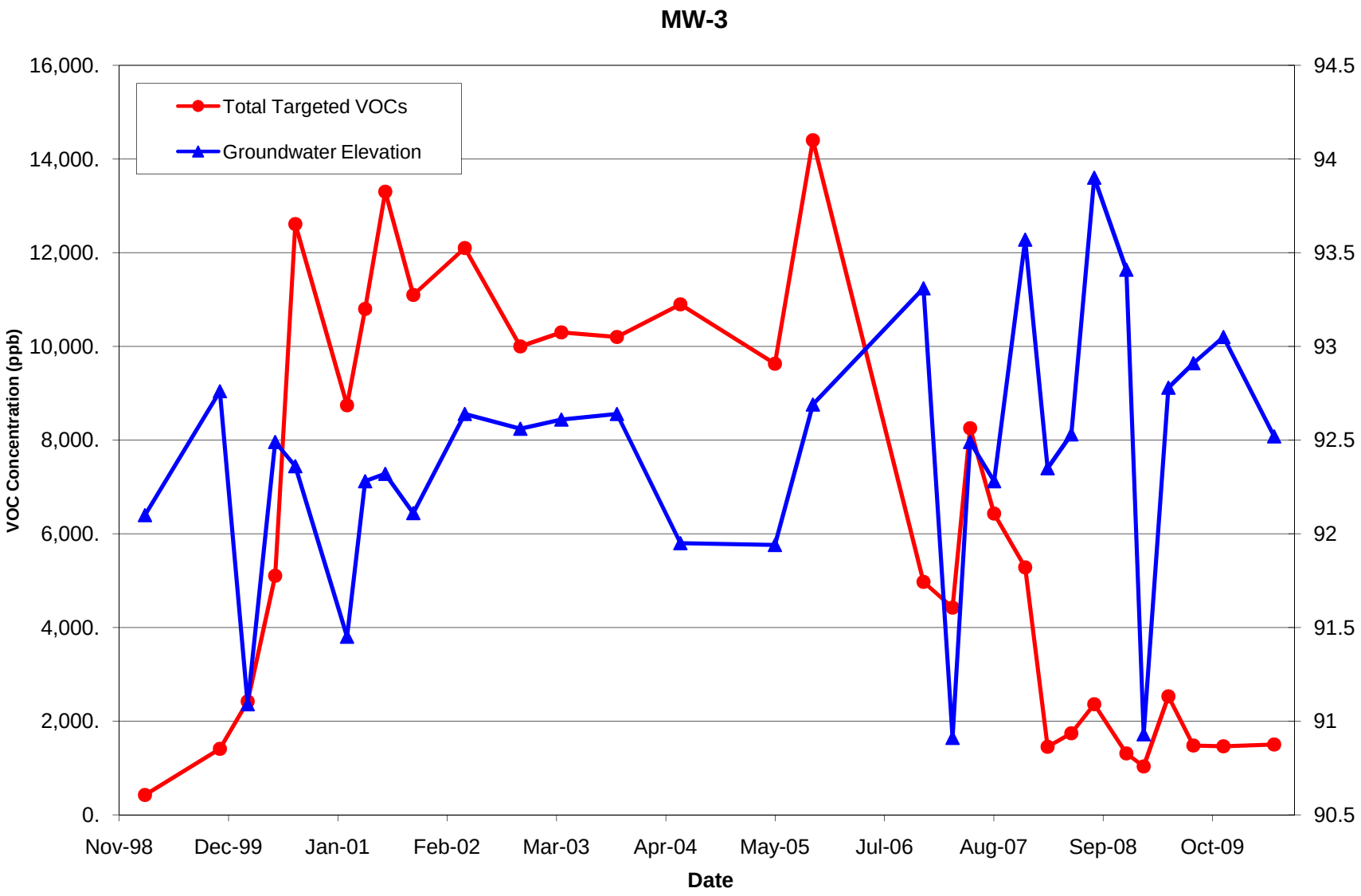
PARAMETER	*Date of Sample Collection:* 7/2/2001	10/12/2001	4/19/2002	11/8/2002	4/7/2003	10/27/2003	6/15/2004	VGES
Benzene	ND<200.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	5
Toluene	ND<200.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	1,000
Ethylbenzene	ND<200.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	700
Xylenes	ND<200.	ND<200.	ND<100.	ND<200.	ND<200.	ND<200.	ND<200.	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<200.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	4
1,2,4 Trimethyl Benzene	ND<200.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	5
Naphthalene	ND<200.	ND<200.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	20
MTBE	**13,300.**	**11,100.**	**12,100.**	**10,000.**	**10,300.**	**10,200.**	**10,900.**	40
Total Targeted VOCs	**13,300.**	**11,100.**	**12,100.**	**10,000.**	**10,300.**	**10,200.**	**10,900.**	-

PARAMETER	*Date of Sample Collection:* 5/27/2005	10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	11/29/2007	VGES
Benzene	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	5
Toluene	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	1,000
Ethylbenzene	ND<100.	ND<100.	ND<100.	ND<100.	**116.**	ND<100.	ND<100.	700
Xylenes	ND<200.	ND<200.	ND<200.	ND<200.	**405.**	ND<200.	ND<200.	10,000
Total BTEX	ND	ND	ND	ND	**521.**	ND	ND	-
1,3,5 Trimethyl Benzene	ND<100.	ND<100.	ND<100.	ND<100.	**180.**	ND<100.	ND<100.	350
1,2,4 Trimethyl Benzene	ND<100.	ND<100.	ND<100.	ND<100.	**200.**	ND<100.	ND<100.	
Naphthalene	ND<100.	ND<100.	ND<200	ND<200	ND<200	ND<200	ND<200.	20
MTBE	**9,630.**	**14,400.**	**4,970.**	**4,420.**	**7,350.**	**6,430.**	**5,280.**	40
Total Targeted VOCs	**9,630.**	**14,400.**	**4,970.**	**4,420.**	**8,251.**	**6,430.**	**5,280.**	-

PARAMETER	*Date of Sample Collection:* 2/19/2008	5/18/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	VGES
Benzene	ND<10.0	ND<10.0	ND<100	ND<20.0	ND<10.0	ND<20.0	ND<10.0	5
Toluene	ND<10.0	ND<10.0	ND<100	ND<20.0	ND<10.0	ND<20.0	ND<10.0	1,000
Ethylbenzene	ND<10.0	ND<10.0	ND<100	ND<20.0	ND<10.0	ND<20.0	ND<10.0	700
Xylenes	ND<20.0	ND<20.0	ND<200	ND<40.0	ND<20.0	ND<40.0	ND<20.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<10.0	ND<10.0	ND<100	ND<20.0	ND<10.0	ND<20.0	ND<10.0	350
1,2,4 Trimethyl Benzene	ND<10.0	ND<10.0	ND<100	ND<20.0	ND<10.0	ND<20.0	ND<10.0	
Naphthalene	ND<20.0	ND<20.0	ND<200	ND<40.0	ND<20.0	ND<40.0	ND<20.0	20
MTBE	**1,450**	**1,740**	**2,360**	**1,310**	**1,030**	**2,530**	**1,480**	40
Total Targeted VOCs	**1,450**	**1,740**	**2,360**	**1,310**	**1,030**	**2,530**	**1,480**	-

PARAMETER	*Date of Sample Collection:* 11/23/2009	5/27/2010						VGES
Benzene	ND<20.0	ND<20.0						5
Toluene	ND<20.0	ND<20.0						1,000
Ethylbenzene	ND<20.0	ND<20.0						700
Xylenes	ND<40.0	ND<40.0						10,000
Total BTEX	ND	ND						-
1,3,5 Trimethyl Benzene	ND<20.0	ND<20.0						350
1,2,4 Trimethyl Benzene	ND<20.0	ND<20.0						
Naphthalene	ND<40.0	ND<40.0						20
MTBE	**1,460**	**1,500**						40
Total Targeted VOCs	**1,460**	**1,500**						-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW-3
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
16,000.
14,000.
12,000.
10,000.
8,000.
6,000.
4,000.
2,000.
0.
94.5
94
93.5
93
92.5
92
91.5
91
90.5
Nov-98
Dec-99
Jan-01
Feb-02
Mar-03
Apr-04
May-05
Jul-06
Aug-07
Sep-08
Oct-09
Date

Groundwater Quality Summary

Monitoring Well MW4

PARAMETER	*Date of Sample Collection:* 2/4/1999	11/5/1999	2/14/2000	5/25/2000	8/7/2000	2/12/2001	4/19/2001	VGES
Benzene	**4,200.**	**4,560.**	**4,490.**	**4,690.**	**4,690.**	**3,990.**	**4,740.**	5
Toluene	**1,470.**	**2,690.**	**2,570.**	**2,720.**	**3,130.**	**2,600.**	**3,120.**	1,000
Ethylbenzene	**1,100.**	**2,080.**	**1,940.**	**1,870.**	**2,770.**	**1,910.**	**2,030.**	700
Xylenes	**2,840.**	**3,510.**	**3,920.**	**3,670.**	**5,730.**	**4,210.**	**4,510.**	10,000
Total BTEX	**9,610.**	**12,840.**	**12,920.**	**12,950.**	**16,320.**	**12,710.**	**14,400.**	-
1,3,5 Trimethyl Benzene	**336.**	**413.**	**478.**	**416.**	**615.**	**425.**	**489.**	4
1,2,4 Trimethyl Benzene	**784.**	**1,110.**	**1,190.**	**1,090.**	**1,640.**	**1,240.**	**1,210.**	5
Naphthalene	**325.**	**398.**	**412.**	**505.**	**548.**	**532.**	**542.**	20
MTBE	**3,230.**	**4,940.**	**2,900.**	**2,410.**	**5,360.**	**3,480.**	**3,550.**	40
Total Targeted VOCs	**14,285.**	**19,701.**	**17,900.**	**17,371.**	**24,483.**	**18,387.**	**20,191.**	-
TPH (mg/L)	**12.1**	**14.3**	**17.8**	**12.4**	**11.2**	**17.8**	NT	-

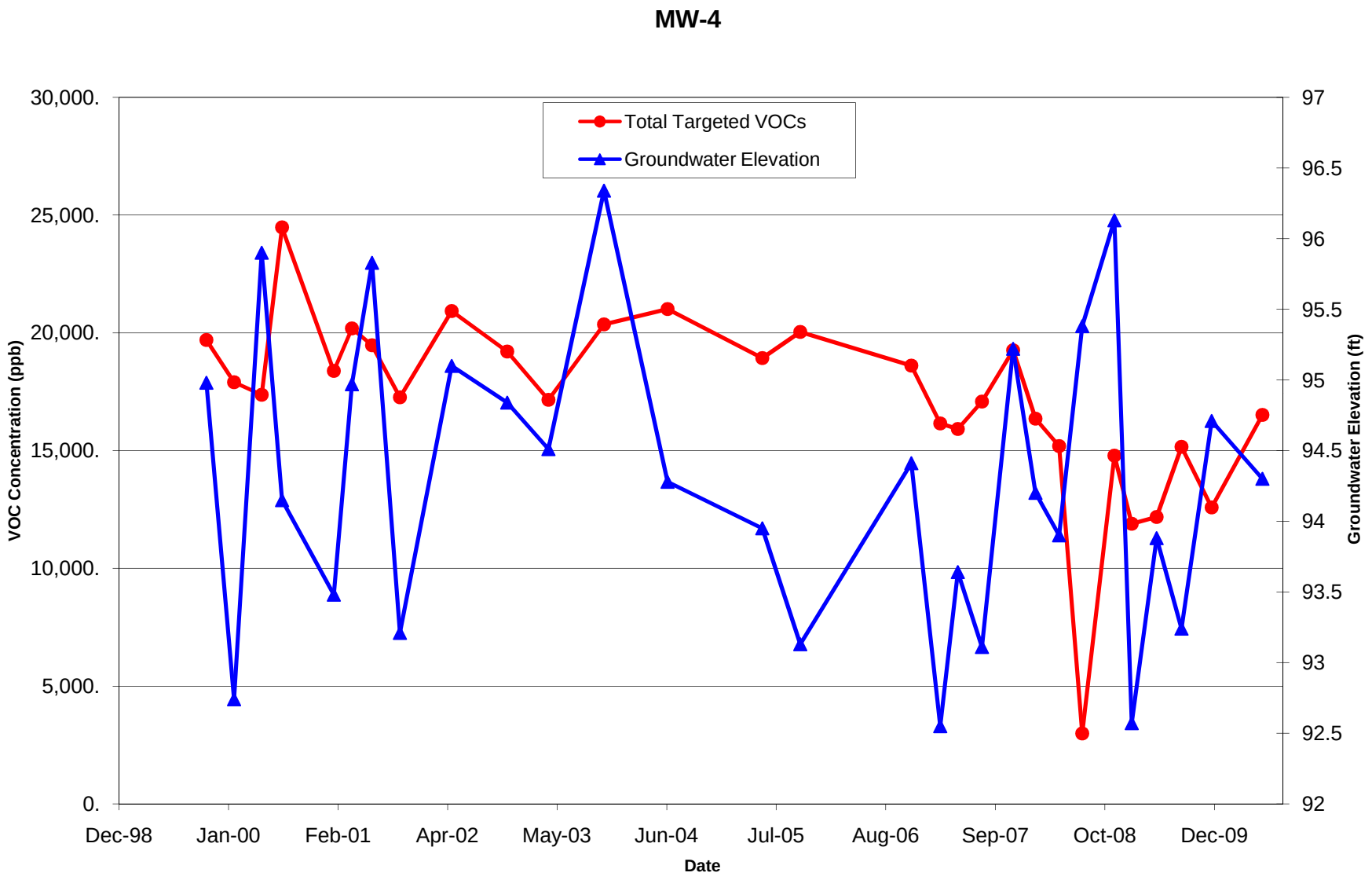
PARAMETER	*Date of Sample Collection:* 7/2/2001	10/12/2001	4/19/2002	11/8/2002	4/7/2003	10/27/2003	6/15/2004	VGES
Benzene	**3,960.**	**3,640.**	**4,060.**	**3,590.**	**3,420.**	**4,260.**	**4,180.**	5
Toluene	**2,850.**	**2,100.**	**3,110.**	**2,310.**	**2,090.**	**2,100.**	**2,300.**	1,000
Ethylbenzene	**1,980.**	**2,040.**	**2,250.**	**2,190.**	**1,870.**	**2,750.**	**2,660.**	700
Xylenes	**4,810.**	**4,220.**	**5,120.**	**5,170.**	**4,280.**	**5,840.**	**6,030.**	10,000
Total BTEX	**13,600.**	**12,000.**	**14,540.**	**13,260.**	**11,660.**	**14,950.**	**15,170.**	-
1,3,5 Trimethyl Benzene	**414.**	**430.**	**473.**	**471.**	**451.**	**564.**	**448.**	4
1,2,4 Trimethyl Benzene	**1,250.**	**1,090.**	**1,380.**	**1,480.**	**1,320.**	**1,890.**	**1,560.**	5
Naphthalene	**464.**	**218.**	**387.**	**575.**	**441.**	**395.**	**501.**	20
MTBE	**3,750.**	**3,520.**	**4,140.**	**3,420.**	**3,280.**	**2,560.**	**3,330.**	40
Total Targeted VOCs	**19,478.**	**17,258.**	**20,920.**	**19,206.**	**17,152.**	**20,359.**	**21,009.**	-

PARAMETER	*Date of Sample Collection:* 5/27/2005	10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	11/29/2007	VGES
Benzene	**3,650.**	**3,820.**	**3,330.**	**3,600.**	**4,570.**	**3,490.**	**3,730.**	5
Toluene	**1,830.**	**1,570.**	**1,430.**	**1,240.**	**1,050.**	**1,250.**	**1,310.**	1,000
Ethylbenzene	**2,420.**	**2,590.**	**2,530.**	**2,340.**	**1,970.**	**2,270.**	**2,720.**	700
Xylenes	**5,290.**	**5,410.**	**6,100.**	**4,670.**	**3,900.**	**5,250.**	**6,110.**	10,000
Total BTEX	**13,190.**	**13,390.**	**13,390.**	**11,850.**	**11,490.**	**12,260.**	**13,870.**	-
1,3,5 Trimethyl Benzene	**449.**	**478.**	**605.**	**484.**	**378.**	**407.**	**512.**	350
1,2,4 Trimethyl Benzene	**1,340.**	**1,490.**	**1,820.**	**1,420.**	**1,060.**	**1,440.**	**1,680.**	
Naphthalene	**387.**	**662.**	**676.**	**506.**	**462.**	**576.**	**604.**	20
MTBE	**3,560.**	**4,020.**	**2,120.**	**1,890.**	**2,530.**	**2,400.**	**2,590.**	40
Total Targeted VOCs	**18,926.**	**20,040.**	**18,611.**	**16,150.**	**15,920.**	**17,083.**	**19,256.**	-

PARAMETER	*Date of Sample Collection:* 2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	VGES
Benzene	**2,410**	**3,100**	**275**	**1,870**	**2,020**	**2,450**	**2,310**	5
Toluene	**1,140**	**1,170**	**143**	**1,060**	**618**	**677**	**980**	1,000
Ethylbenzene	**2,380**	**2,210**	**520**	**2,200**	**1,270**	**1,630**	**2,400**	700
Xylenes	**6,080**	**4,670**	**1,340**	**5,660**	**4,250**	**4,240**	**5,660**	10,000
Total BTEX	**12,010**	**11,150**	**2,278**	**10,790**	**8,158**	**8,997**	**11,350**	-
1,3,5 Trimethyl Benzene	**524**	**349**	**180**	**465**	**362**	**258**	**340**	350
1,2,4 Trimethyl Benzene	**1,630**	**1,270**	**531**	**1,690**	**1,420**	**1,120**	**1,530**	
Naphthalene	**516**	**579**	ND<200	**552**	**517**	**344**	**641**	20
MTBE	**1,680**	**1,840**	ND<200	**1,290**	**1,430**	**1,460**	**1,300**	40
Total Targeted VOCs	**16,360**	**15,188**	**2,989**	**14,787**	**11,887**	**12,179**	**15,161**	-

PARAMETER	*Date of Sample Collection:* 11/23/2009	5/27/2010						VGES
Benzene	**1,960**	**2,210**						5
Toluene	**624**	**1,020**						1,000
Ethylbenzene	**1,810**	**2,530**						700
Xylenes	**4,780**	**6,480**						10,000
Total BTEX	**9,174**	**12,240**						-
1,3,5 Trimethyl Benzene	**206**	**467**						350
1,2,4 Trimethyl Benzene	**1,290**	**1,780**						
Naphthalene	**407**	**574**						20
MTBE	**1,510**	**1,450**						40
Total Targeted VOCs	**12,587**	**16,511**						-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW-4
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
Date
30,000.
25,000.
20,000.
15,000.
10,000.
5,000.
0.
97
96.5
96
95.5
95
94.5
94
93.5
93
92.5
92
Dec-98
Jan-00
Feb-01
Apr-02
May-03
Jun-04
Jul-05
Aug-06
Sep-07
Oct-08
Dec-09

Groundwater Quality Summary

Monitoring Well MW5

PARAMETER	*Date of Sample Collection:* 2/4/1999	11/5/1999	2/14/2000	5/25/2000	8/7/2000	2/12/2001	4/19/2001	VGES
Benzene	Not Sampled.	**4,540.**	**9,290.**	**2,640.**	**1,760.**	**3,340.**	**1,290.**	5
Toluene		**1,740.**	**5,910.**	ND<500.	ND<500.	**1,660.**	ND<200.	1,000
Ethylbenzene		TBQ<1000.	**2,300.**	**985.**	**711.**	**1,070.**	**355.**	700
Xylenes		**3,430.**	**10,400.**	**3,450.**	**2,010.**	**2,930.**	**830.**	10,000
Total BTEX		**9,710.**	**27,900.**	**7,075.**	**4,481.**	**9,000.**	**2,475.**	-
1,3,5 Trimethyl Benzene	Monitoring Well installed 10/25/99	TBQ<1000.	TBQ<1000.	ND<500.	ND<500.	ND<400.	ND<200.	4
1,2,4 Trimethyl Benzene		**1,100.**	**1,960.**	**1,310.**	**1,380.**	**1,070.**	**612.**	5
Naphthalene		TBQ<1000.	TBQ<1000.	ND<500.	ND<500.	ND<400.	ND<200.	20
MTBE		**32,700.**	**88,100.**	**19,400.**	**24,100.**	**46,600.**	**12,800.**	40
Total Targeted VOCs		**43,510.**	**117,960.**	**27,785.**	**29,961.**	**56,670.**	**15,887.**	-
TPH (mg/L)		**21.5**	**49.2**	**12.1**	**6.3**	**12.5**	NT	-

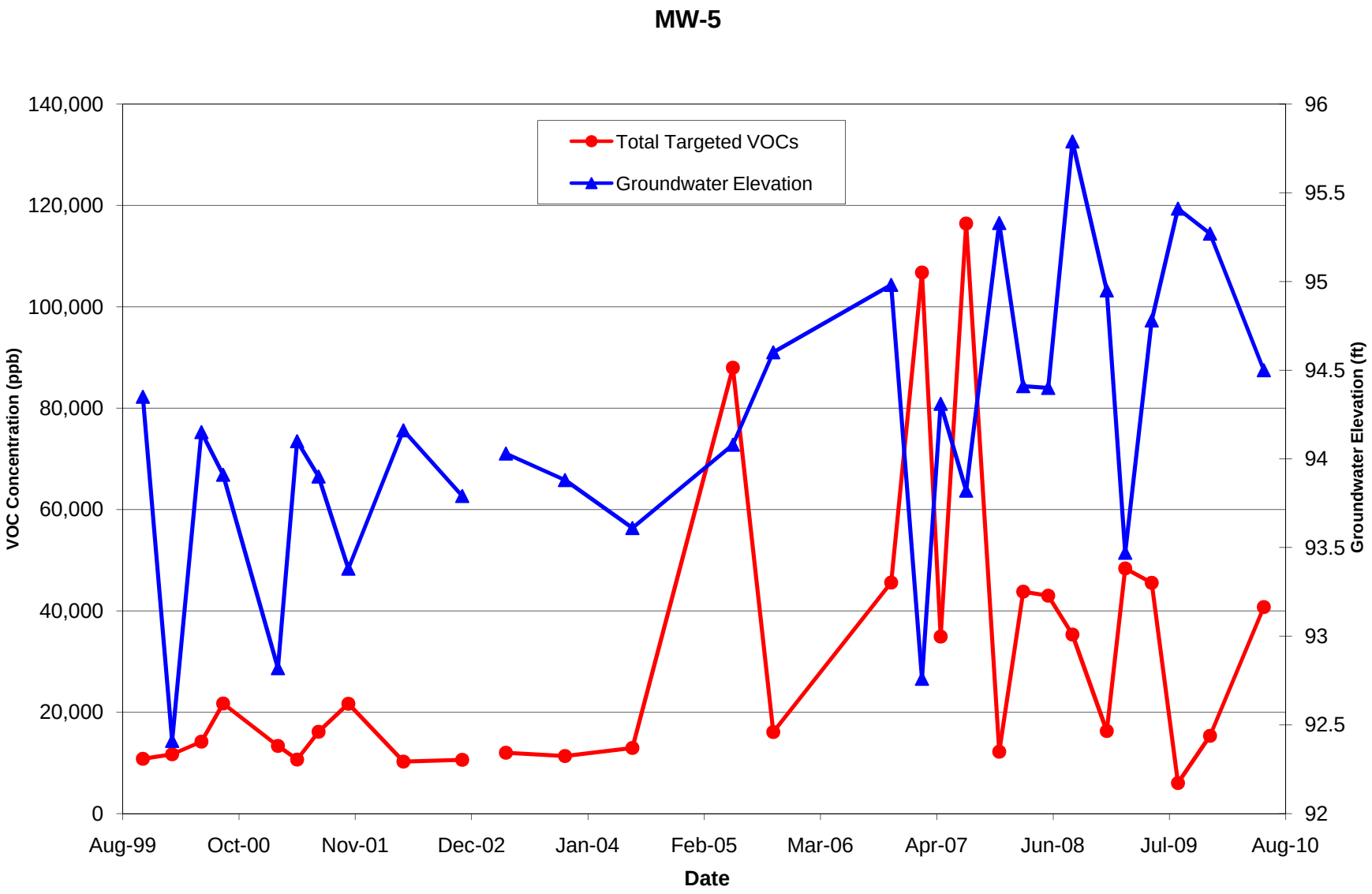
PARAMETER	*Date of Sample Collection:* 7/2/2001	10/12/2001	4/19/2002	11/8/2002	4/7/2003	10/27/2003	6/15/2004	VGES
Benzene	**1,620.**	**3,270.**	**2,170.**	**812.**	**1,780.**	**993.**	**1,780.**	5
Toluene	**273.**	**700.**	**661.**	ND<100.	**467.**	ND<200.	**367.**	1,000
Ethylbenzene	**489.**	**760.**	**834.**	ND<100.	**419.**	**281.**	**567.**	700
Xylenes	**1,280.**	**2,040.**	**2,970.**	**545.**	**1,520.**	**618.**	**1,900.**	10,000
Total BTEX	**3,662.**	**6,770.**	**6,635.**	**1,357.**	**4,186.**	**1,892.**	**4,614.**	-
1,3,5 Trimethyl Benzene	**114.**	ND<400.	**277.**	ND<100.	ND<200.	ND<200.	ND<100.	4
1,2,4 Trimethyl Benzene	**531.**	**820.**	**1,080.**	**277.**	**670.**	**403.**	**587.**	5
Naphthalene	**106.**	ND<800.	**492.**	ND<100.	ND<200.	ND<200.	ND<100.	20
MTBE	**14,100.**	**38,000.**	**26,400.**	**15,500.**	**21,000.**	**8,750.**	**21,300.**	40
Total Targeted VOCs	**18,513.**	**45,590.**	**34,884.**	**17,134.**	**25,856.**	**11,045.**	**26,501.**	-

PARAMETER	*Date of Sample Collection:* 5/27/2005	10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	11/29/2007	VGES
Benzene	**4,380.**	**1,170.**	**2,980.**	**6,300.**	**2,640.**	**7,680.**	**743.**	5
Toluene	**1,650.**	ND<200.	ND<500.	**1,580.**	**307.**	**1,090.**	ND<200.	1,000
Ethylbenzene	**1,140.**	**364.**	**525.**	**1,290.**	**557.**	**1,650.**	ND<200.	700
Xylenes	**4,870.**	**1,280.**	**1,480.**	**7,110.**	**1,650.**	**5,210.**	**428.**	10,000
Total BTEX	**12,040.**	**2,814.**	**4,985.**	**16,280.**	**5,154.**	**15,630.**	**1,171.**	-
1,3,5 Trimethyl Benzene	**104.**	ND<200.	ND<500.	**437.**	ND<200.	**790.**	ND<200.	350
1,2,4 Trimethyl Benzene	**1,000.**	**370.**	ND<500.	**2,010.**	**475.**	**1,200.**	ND<200.	
Naphthalene	**146.**	**306.**	ND<1000.	**461.**	ND<400.	ND<1000.	ND<400.	20
MTBE	**74,700.**	**12,600.**	**40,600.**	**87,600**	**29,300**	**98,800**	**11,000**	40
Total Targeted VOCs	**87,990.**	**16,090.**	**45,585.**	**106,788.**	**34,929.**	**116,420.**	**12,171.**	-

PARAMETER	*Date of Sample Collection:* 2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	VGES
Benzene	**2,590**	**2,470**	**2,220**	**1,080**	**2,250**	**2,970**	**816**	5
Toluene	**726**	**374**	**130**	ND<200	**297**	**386**	**75.4**	1,000
Ethylbenzene	**504**	**738**	**198**	ND<200	**72.2**	**428**	**187**	700
Xylenes	**2,320**	**1,490**	**1,260**	ND<400	**821**	**1,290**	**343**	10,000
Total BTEX	**6,140**	**5,072**	**3,808**	**1,080**	**3,440**	**5,074**	**1,421**	-
1,3,5 Trimethyl Benzene	ND<500	**270**	ND<100	ND<200	**71.2**	ND<200	ND<20.0	350
1,2,4 Trimethyl Benzene	**853**	**548**	**409**	ND<200	**229**	**342**	**127**	
Naphthalene	ND<1000	ND<400	ND<200	ND<400	**102**	ND<400	**56.0**	20
MTBE	**36,800**	**37,100**	**31,100**	**15,200**	**44,500**	**40,100**	**4,410**	40
Total Targeted VOCs	**43,793**	**42,990**	**35,317**	**16,280**	**48,342**	**45,516**	**6,014**	-

PARAMETER	*Date of Sample Collection:* 11/23/2009	5/27/2010						VGES
Benzene	**840**	**2,290**						5
Toluene	ND<500	**390**						1,000
Ethylbenzene	ND<500	**554**						700
Xylenes	ND<1000	**1,390**						10,000
Total BTEX	**840**	**4,624**						-
1,3,5 Trimethyl Benzene	ND<500	ND<200						350
1,2,4 Trimethyl Benzene	ND<500	**428**						
Naphthalene	ND<1000	ND<400						20
MTBE	**14,500**	**35,700**						40
Total Targeted VOCs	**15,340**	**40,752**						-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW-5
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
Date
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
96
95.5
95
94.5
94
93.5
93
92.5
92
Aug-99
Oct-00
Nov-01
Dec-02
Jan-04
Feb-05
Mar-06
Apr-07
Jun-08
Jul-09
Aug-10

Groundwater Quality Summary

Monitoring Well MW6

PARAMETER	*Date of Sample Collection:* 2/4/1999	11/5/1999	2/14/2000	5/25/2000	8/7/2000	2/12/2001	4/19/2001	VGES
Benzene	Not Sampled.	**306.**	**862.**	**869.**	**1,180.**	**571.**	**570.**	5
Toluene		ND<100.	ND<100.	ND<100.	ND<200.	ND<100.	ND<100.	1,000
Ethylbenzene		**345.**	**676.**	**787.**	**983.**	**492.**	**478.**	700
Xylenes		**106.**	**295.**	**326.**	**589.**	**121.**	**284.**	10,000
Total BTEX		**757.**	**1,833.**	**1,982.**	**2,752.**	**1,184.**	**1,332.**	-
1,3,5 Trimethyl Benzene	Monitoring Well installed 10/25/99	ND<100.	**162.**	**165.**	ND<200.	ND<100.	ND<100.	4
1,2,4 Trimethyl Benzene		**150.**	**361.**	**418.**	**642.**	**182.**	**234.**	5
Naphthalene		**136.**	**230.**	**235.**	ND<200.	**184.**	**195.**	20
MTBE		**9,760.**	**9,110.**	**11,400.**	**18,300.**	**11,800.**	**8,870.**	40
Total Targeted VOCs		**10,803.**	**11,696.**	**14,200.**	**21,694.**	**13,350.**	**10,631.**	-
TPH (mg/L)		**3.8**	**6.22**	**5.79**	**5.58**	**4.29**	NT	-

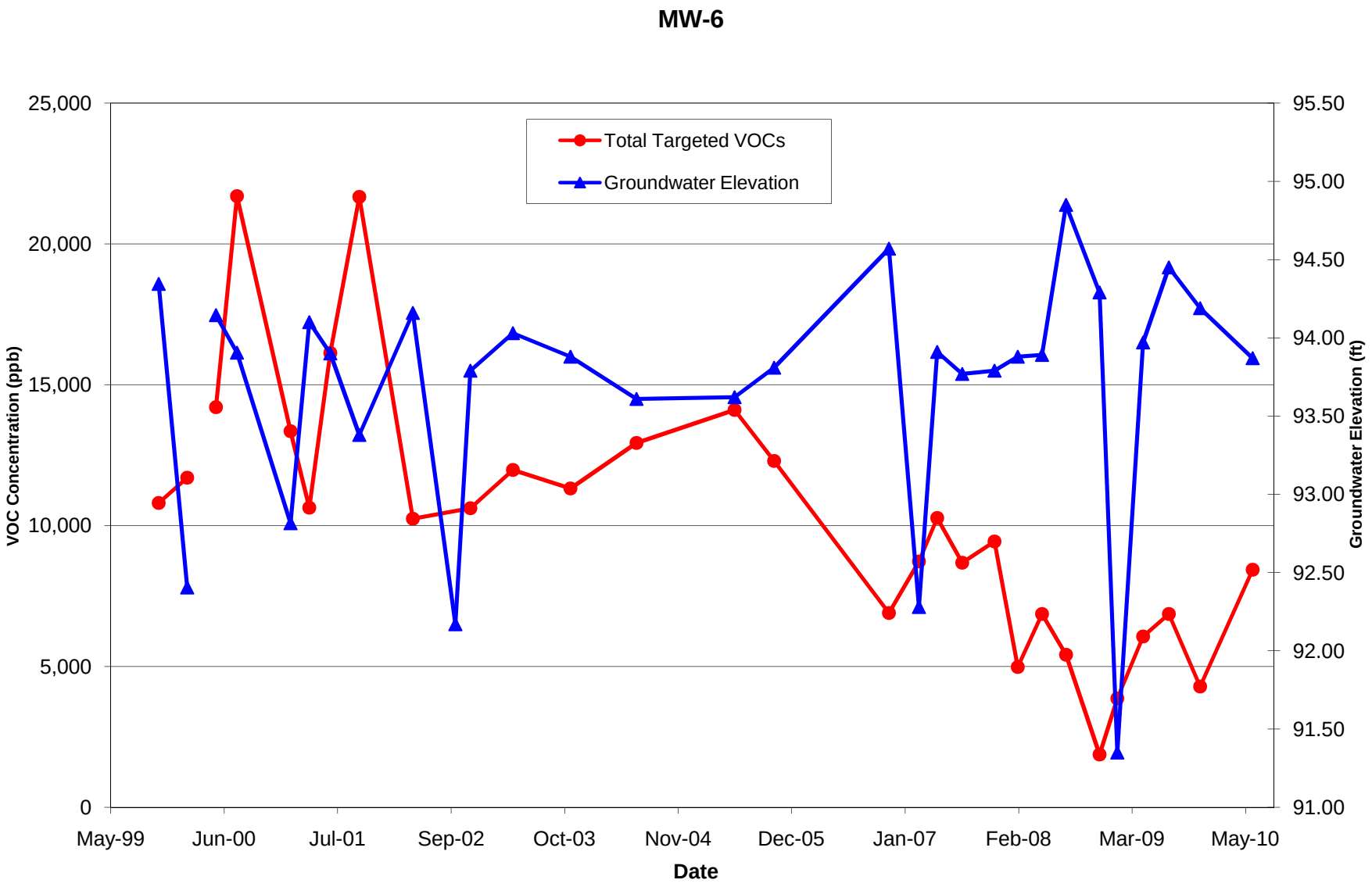
PARAMETER	*Date of Sample Collection:* 7/2/2001	10/12/2001	4/19/2002	11/8/2002	4/7/2003	10/27/2003	6/15/2004	VGES
Benzene	**1,020.**	**1,240.**	**528.**	**599.**	**550.**	**850.**	**783.**	5
Toluene	ND<200.	ND<200.	**121.**	ND<50.0	ND<100.	ND<100.	ND<100.	1,000
Ethylbenzene	**732.**	**1,020.**	**332.**	**541.**	**468.**	**1,060.**	**1,040.**	700
Xylenes	**368.**	ND<400.	**613.**	**137.**	ND<200.	**278.**	**298.**	10,000
Total BTEX	**2,120.**	**2,260.**	**1,594.**	**1,277.**	**1,018.**	**2,188.**	**2,121.**	-
1,3,5 Trimethyl Benzene	ND<200.	ND<200.	ND<100.	ND<50.0	ND<100.	ND<100.	ND<100.	4
1,2,4 Trimethyl Benzene	**357.**	**354.**	**256.**	**158.**	**175.**	**319.**	**311.**	5
Naphthalene	**252.**	ND<400.	**154.**	**109.**	**182.**	**104.**	ND<100.	20
MTBE	**13,400.**	**16,800.**	**8,240.**	**9,070.**	**10,600.**	**8,710.**	**10,500.**	40
Total Targeted VOCs	**16,129.**	**21,674.**	**10,244.**	**10,614.**	**11,975.**	**11,321.**	**12,932.**	-

PARAMETER	*Date of Sample Collection:* 5/27/2005	10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	11/29/2007	VGES
Benzene	**611.**	**669.**	**381.**	**298.**	**517.**	**417.**	**478.**	5
Toluene	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	1,000
Ethylbenzene	**718.**	**849.**	**310.**	**224.**	**630.**	**494.**	**426.**	700
Xylenes	**278.**	**297.**	ND<200.	ND<200.	**258.**	ND<200.	**239.**	10,000
Total BTEX	**1,607.**	**1,815.**	**691.**	**522.**	**1,405.**	**911.**	**1,143.**	-
1,3,5 Trimethyl Benzene	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	ND<100.	350
1,2,4 Trimethyl Benzene	**296.**	**240.**	ND<100.	**131.**	**192.**	ND<100.	**121.**	
Naphthalene	ND<100.	**252.**	ND<200.	ND<200.	ND<200.	ND<200.	ND<200.	20
MTBE	**12,200.**	**9,990.**	**6,210.**	**8,070.**	**8,670.**	**7,770.**	**8,170.**	40
Total Targeted VOCs	**14,103.**	**12,297.**	**6,901.**	**8,723.**	**10,267.**	**8,681.**	**9,434.**	-

PARAMETER	*Date of Sample Collection:* 2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	VGES
Benzene	**232**	**250**	**293**	ND<50.0	**216**	**263**	**402**	5
Toluene	ND<100	ND<20.0	ND<50.0	ND<50.0	ND<20.0	ND<50.0	ND<50.0	1,000
Ethylbenzene	**215**	**331**	**163**	ND<50.0	ND<20.0	ND<50.0	**246**	700
Xylenes	ND<200	**47.8**	ND<100	ND<100	ND<40.0	ND<100	**236**	10,000
Total BTEX	**447**	**629**	**456**	ND	**216**	**263**	**884**	-
1,3,5 Trimethyl Benzene	ND<100	ND<20.0	ND<50.0	ND<50.0	ND<20.0	ND<50.0	ND<50.0	350
1,2,4 Trimethyl Benzene	ND<100	ND<20.0	**105**	ND<50.0	ND<20.0	**53.5**	**166**	
Naphthalene	ND<200	ND<40.0	**151**	ND<100	**111**	**128**	**222**	20
MTBE	**4,530**	**6,230**	**4,700**	**1,870**	**3,530**	**5,620**	**5,590**	40
Total Targeted VOCs	**4,977**	**6,859**	**5,412**	**1,870**	**3,857**	**6,065**	**6,862**	-

PARAMETER	*Date of Sample Collection:* 11/23/2009	5/27/2010						VGES
Benzene	**104**	**343**						5
Toluene	ND<50.0	ND<50.0						1,000
Ethylbenzene	ND<50.0	**318**						700
Xylenes	ND<100	**130**						10,000
Total BTEX	**104**	**791**						-
1,3,5 Trimethyl Benzene	ND<50.0	ND<50.0						350
1,2,4 Trimethyl Benzene	ND<50.0	**136**						
Naphthalene	ND<100	ND<100						20
MTBE	**4,180**	**7,510**						40
Total Targeted VOCs	**4,284**	**8,437**						-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW-6
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
Date
25,000
20,000
15,000
10,000
5,000
0
95.50
95.00
94.50
94.00
93.50
93.00
92.50
92.00
91.50
91.00
May-99
Jun-00
Jul-01
Sep-02
Oct-03
Nov-04
Dec-05
Jan-07
Feb-08
Mar-09
May-10

Groundwater Quality Summary

Monitoring Well MW7

PARAMETER	*Date of Sample Collection:* 2/4/1999	11/5/1999	2/14/2000	5/25/2000	8/7/2000	2/12/2001	4/19/2001	VGES
Benzene	Not Sampled.	TBQ<20.0	ND<20.0	ND<20.0	ND<10.0	ND<2.9	ND<10.0	5
Toluene		ND<20.0	ND<20.0	ND<20.0	ND<10.0	ND<2.9	ND<10.0	1,000
Ethylbenzene		ND<20.0	ND<20.0	ND<20.0	ND<10.0	ND<2.9	ND<10.0	700
Xylenes		ND<20.0	ND<20.0	ND<20.0	ND<10.0	ND<2.9	ND<10.0	10,000
Total BTEX		TBQ	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	Monitoring Well installed 10/25/99	ND<20.0	ND<20.0	ND<20.0	ND<10.0	ND<2.9	ND<10.0	4
1,2,4 Trimethyl Benzene		ND<20.0	ND<20.0	ND<20.0	ND<10.0	ND<2.9	ND<10.0	5
Naphthalene		ND<20.0	ND<20.0	ND<20.0	ND<10.0	ND<2.9	ND<10.0	20
MTBE		**1,190.**	**993.**	**1,240.**	**713.**	**526.**	**990.**	40
Total Targeted VOCs		**1,190.**	**993.**	**1,240.**	**713.**	**526.**	**990.**	-
TPH (mg/L)		**1.3**	**0.68**	ND<0.40	**0.50**	ND<0.40	NT	-

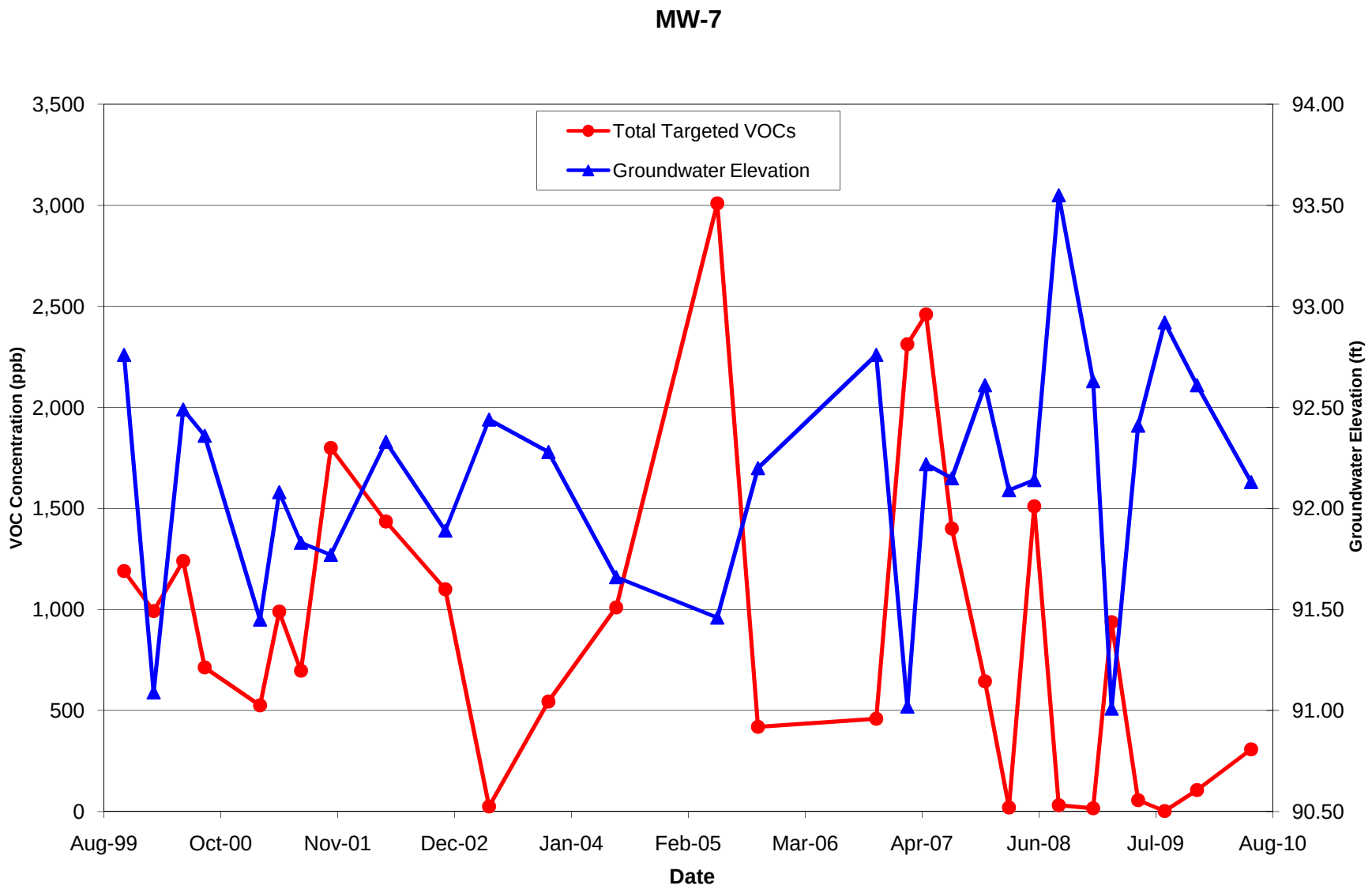
PARAMETER	*Date of Sample Collection:* 7/2/2001	10/12/2001	4/19/2002	11/8/2002	4/7/2003	10/27/2003	6/15/2004	VGES
Benzene	ND<10.0	ND<10.0	**16.9**	ND<5.0	ND<1.0	ND<4.0	ND<4.0	5
Toluene	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<1.0	ND<4.0	ND<4.0	1,000
Ethylbenzene	ND<10.0	ND<10.0	**14.9**	ND<10.0	ND<1.0	ND<4.0	ND<4.0	700
Xylenes	ND<10.0	ND<20.0	**14.5**	ND<20.0	ND<2.0	ND<8.0	ND<8.0	10,000
Total BTEX	ND	ND	**46.3**	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<1.0	ND<4.0	ND<4.0	4
1,2,4 Trimethyl Benzene	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<1.0	ND<4.0	ND<4.0	5
Naphthalene	ND<10.0	ND<20.0	ND<10.0	ND<10.0	ND<1.0	ND<4.0	ND<4.0	20
MTBE	**697.**	**1,800.**	**1,390.**	**1,100.**	**24.9**	**544.**	**1,010.**	40
Total Targeted VOCs	**697.**	**1,800.**	**1,436.**	**1,100.**	**24.9**	**544.**	**1,010.**	-

PARAMETER	*Date of Sample Collection:* 5/27/2005	10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	11/29/2007	VGES
Benzene	ND<5.0	ND<5.0	ND<5.0	**11.8**	ND<10.0	ND<50.0	ND<50.0	5
Toluene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10.0	ND<50.0	ND<50.0	1,000
Ethylbenzene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10.0	ND<50.0	ND<50.0	700
Xylenes	ND<10.0	ND<10.0	ND<10.0	ND<10.0	ND<20.0	ND<100.	ND<100.	10,000
Total BTEX	ND	ND	ND	**11.8**	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10.0	ND<50.0	ND<50.0	350
1,2,4 Trimethyl Benzene	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10.0	ND<50.0	ND<50.0	
Naphthalene	ND<5.0	ND<5.0	ND<10.0	ND<10.0	ND<20.0	ND<100.	ND<100.	20
MTBE	**3,010.**	**419.**	**459.**	**2,300**	**2,460.**	**1,400.**	**645.**	40
Total Targeted VOCs	**3,010.**	**419.**	**459.**	**2,312.**	**2,460.**	**1,400.**	**645.**	-

PARAMETER	*Date of Sample Collection:* 2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	VGES
Benzene	ND<1.0	ND<50.0	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<1.0	5
Toluene	ND<1.0	ND<50.0	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<1.0	1,000
Ethylbenzene	ND<1.0	ND<50.0	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<1.0	700
Xylenes	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<20.0	ND<2.0	ND<2.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<50.0	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<1.0	350
1,2,4 Trimethyl Benzene	ND<1.0	ND<50.0	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<1.0	
Naphthalene	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<20.0	ND<2.0	ND<2.0	20
MTBE	**20.2**	**1,510**	**32.0**	**15.9**	**937.**	**56.6**	**3.2**	40
Total Targeted VOCs	**20.2**	**1,510**	**32.0**	**15.9**	**937.**	**56.6**	**3.2**	-

PARAMETER	*Date of Sample Collection:* 11/23/2009	5/27/2010						VGES
Benzene	ND<1.0	ND<2.0						5
Toluene	ND<1.0	ND<2.0						1,000
Ethylbenzene	ND<1.0	ND<2.0						700
Xylenes	ND<2.0	ND<4.0						10,000
Total BTEX	ND	ND						-
1,3,5 Trimethyl Benzene	ND<1.0	ND<2.0						350
1,2,4 Trimethyl Benzene	ND<1.0	ND<2.0						
Naphthalene	ND<2.0	ND<4.0						20
MTBE	**106**	**308**						40
Total Targeted VOCs	**106**	**308**						-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW-7
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
3,500
3,000
2,500
2,000
1,500
1,000
500
0
94.00
93.50
93.00
92.50
92.00
91.50
91.00
90.50
Aug-99
Oct-00
Nov-01
Dec-02
Jan-04
Feb-05
Mar-06
Apr-07
Jun-08
Jul-09
Aug-10
Date

Groundwater Quality Summary

Monitoring Well MW01-9 (installed 4/3/01)

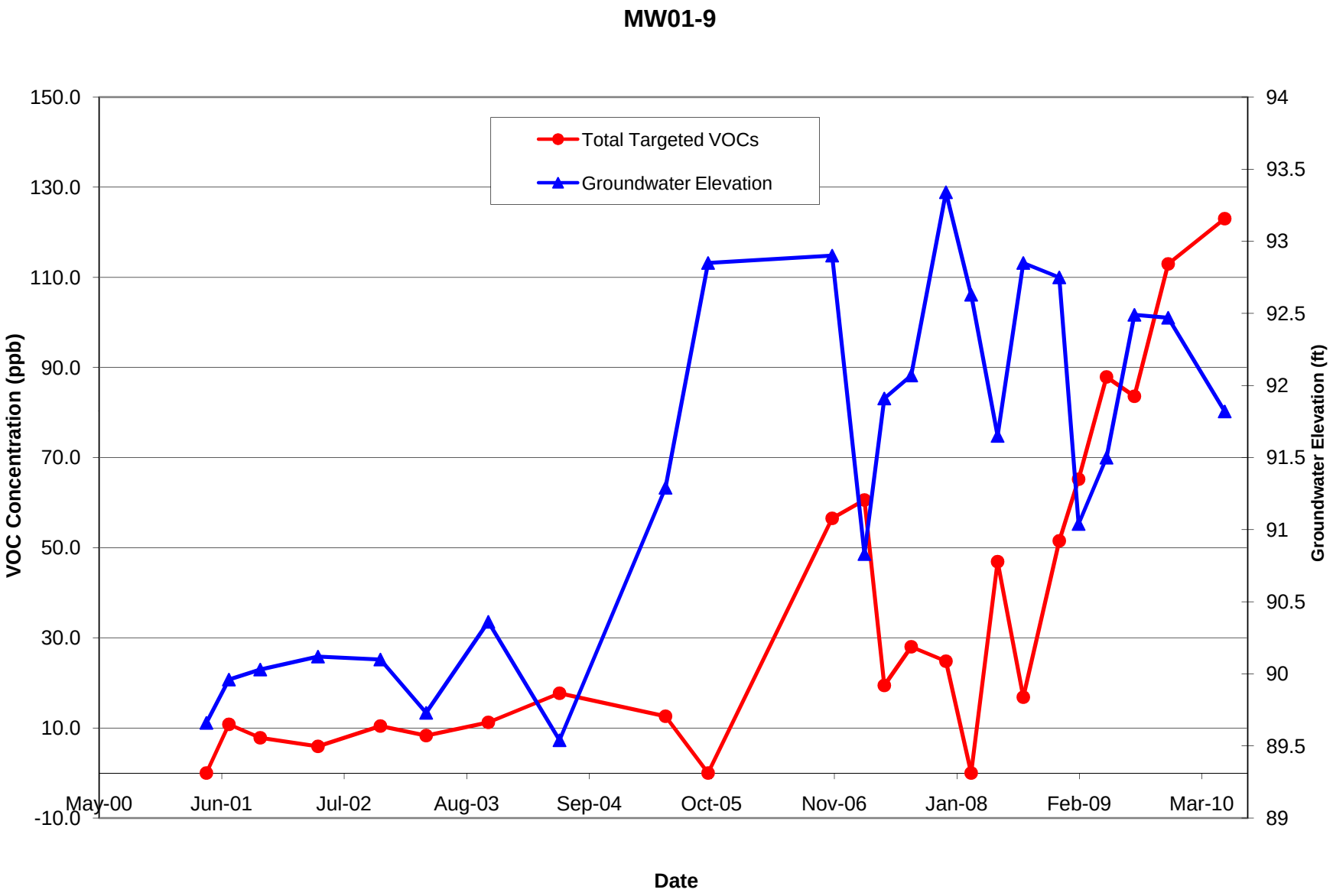
PARAMETER	*Date of Sample Collection:* 4/19/2001	7/2/2001	10/12/2001	4/19/2002	11/8/2002	4/7/2003	10/27/2003	VGES
Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5
Toluene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	700
Xylenes	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	4
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5
Naphthalene	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	20
MTBE	ND<10.0	**10.8**	**7.8**	**5.9**	**10.4**	**8.3**	**11.2**	40
Total Targeted VOCs	ND	**10.8**	**7.8**	**5.9**	**10.4**	**8.3**	**11.2**	-
TPH (mg/L)	NT	NT	NT	-	-	NT	NT	-

PARAMETER	*Date of Sample Collection:* 6/15/2004	5/27/2005	10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	VGES
Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5
Toluene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	700
Xylenes	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
Naphthalene	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	20
MTBE	**17.7**	**12.6**	ND<2.0	**56.5**	**60.6**	**19.4**	**28.0**	40
Total Targeted VOCs	**17.7**	**12.6**	ND	**56.5**	**60.6**	**19.4**	**28.0**	-

PARAMETER	*Date of Sample Collection:* 11/29/2007	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	VGES
Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5
Toluene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	700
Xylenes	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
Naphthalene	ND<1.0	ND<2.0	ND<1.0	ND<2.0	ND<1.0	ND<2.0	ND<1.0	20
MTBE	**24.8**	ND<2.0	**46.9**	**16.8**	**51.5**	**65.2**	**87.9**	40
Total Targeted VOCs	**24.8**	ND	**46.9**	**16.8**	**51.5**	**65.2**	**87.9**	-

PARAMETER	*Date of Sample Collection:* 8/5/2009	11/23/2009	5/27/2010					VGES
Benzene	ND<1.0	ND<1.0	ND<1.0					5
Toluene	ND<1.0	ND<1.0	ND<1.0					1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<1.0					700
Xylenes	ND<2.0	ND<2.0	ND<2.0					10,000
Total BTEX	ND	ND	ND					-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0					350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0					
Naphthalene	ND<1.0	ND<2.0	ND<2.0					20
MTBE	**83.6**	**113**	**123**					40
Total Targeted VOCs	**83.6**	**113**	**123**					-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW01-9
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
Date
150.0
130.0
110.0
90.0
70.0
50.0
30.0
10.0
-10.0
94
93.5
93
92.5
92
91.5
91
90.5
90
89.5
89
May-00
Jun-01
Jul-02
Aug-03
Sep-04
Oct-05
Nov-06
Jan-08
Feb-09
Mar-10

Groundwater Quality Summary

Monitoring Well MW01-10 (installed 4/3/01)

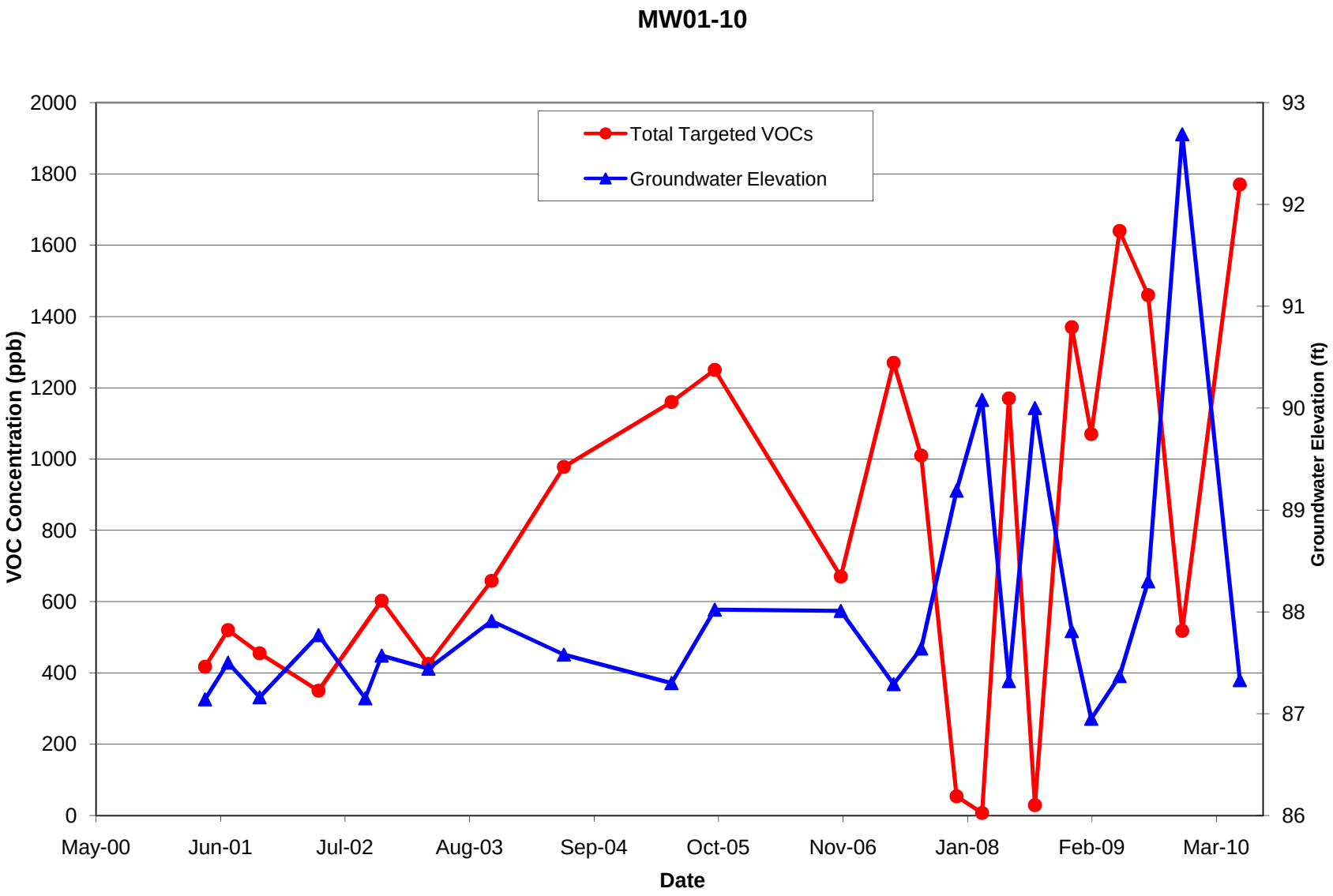
PARAMETER	*Date of Sample Collection:* 4/19/2001	7/2/2001	10/12/2001	4/19/2002	11/8/2002	4/7/2003	10/27/2003	VGES
Benzene	ND<5.0	ND<5.0	ND<5.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	5
Toluene	ND<5.0	ND<5.0	ND<5.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	1,000
Ethylbenzene	ND<5.0	ND<5.0	ND<5.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	700
Xylenes	ND<5.0	ND<5.0	ND<10.0	ND<4.0	ND<8.0	ND<8.0	ND<8.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<5.0	ND<5.0	ND<5.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	4
1,2,4 Trimethyl Benzene	ND<5.0	ND<5.0	ND<5.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	5
Naphthalene	ND<5.0	ND<5.0	ND<10.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	20
MTBE	**417.**	**520.**	**455.**	**350.**	**602.**	**425.**	**658.**	40
Total Targeted VOCs	**417.**	**520.**	**455.**	**350.**	**602.**	**425.**	**658.**	-
TPH (mg/L)	NT	NT	NT	-	-	NT	NT	-

PARAMETER	*Date of Sample Collection:* 6/15/2004	5/27/2005	10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	VGES
Benzene	ND<4.0	ND<5.0	ND<5.0	ND<5.0		ND<10.0	ND<10.0	5
Toluene	ND<4.0	ND<5.0	ND<5.0	ND<5.0	Not Sampled	ND<10.0	ND<10.0	1,000
Ethylbenzene	ND<4.0	ND<5.0	ND<5.0	ND<5.0		ND<10.0	ND<10.0	700
Xylenes	ND<8.0	ND<10.0	ND<10.0	ND<10.0		ND<20.0	ND<20.0	10,000
Total BTEX	ND	ND	ND	ND		ND	ND	-
1,3,5 Trimethyl Benzene	ND<4.0	ND<5.0	ND<5.0	ND<5.0		ND<10.0	ND<10.0	350
1,2,4 Trimethyl Benzene	ND<4.0	ND<5.0	ND<5.0	ND<5.0		ND<10.0	ND<10.0	
Naphthalene	ND<4.0	ND<5.0	ND<5.0	ND<10.0		ND<20.0	ND<20.0	20
MTBE	**978.**	**1,160.**	**1,250.**	**670.**		**1,270.**	**1,010.**	40
Total Targeted VOCs	**978.**	**1,160.**	**1,250.**	**670.**		**1,270.**	**1,010.**	-

PARAMETER	*Date of Sample Collection:* 11/29/2007	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	VGES
Benzene	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<10.0	ND<10.0	ND<10.0	5
Toluene	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<10.0	ND<10.0	ND<10.0	1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<10.0	ND<10.0	ND<10.0	700
Xylenes	ND<2.0	ND<2.0	ND<20.0	ND<2.0	ND<20.0	ND<20.0	ND<20.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<10.0	ND<10.0	ND<10.0	350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<10.0	ND<1.0	ND<10.0	ND<10.0	ND<10.0	
Naphthalene	ND<2.0	ND<2.0	ND<20.0	ND<2.0	ND<20.0	ND<20.0	ND<20.0	20
MTBE	**53.7**	**6.7**	**1,170**	**28.7**	**1,370**	**1,070**	**1,640**	40
Total Targeted VOCs	**53.7**	**6.7**	**1,170**	**28.7**	**1,370**	**1,070**	**1,640**	-

PARAMETER	*Date of Sample Collection:* 8/5/2009	11/23/2009	5/27/2010					VGES
Benzene	ND<10.0	ND<10.0	ND<5.0					5
Toluene	ND<10.0	ND<10.0	ND<5.0					1,000
Ethylbenzene	ND<10.0	ND<10.0	ND<5.0					700
Xylenes	ND<20.0	ND<20.0	ND<10.0					10,000
Total BTEX	ND	ND	ND					-
1,3,5 Trimethyl Benzene	ND<10.0	ND<10.0	ND<5.0					350
1,2,4 Trimethyl Benzene	ND<10.0	ND<10.0	ND<5.0					
Naphthalene	ND<20.0	ND<20.0	ND<5.0					20
MTBE	**1,460**	**518**	**1770**					40
Total Targeted VOCs	**1,460**	**518**	**1770**					-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW01-10
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
Date
2000
1800
1600
1400
1200
1000
800
600
400
200
0
93
92
91
90
89
88
87
86
May-00
Jun-01
Jul-02
Aug-03
Sep-04
Oct-05
Nov-06
Jan-08
Feb-09
Mar-10

Groundwater Quality Summary

Monitoring Well MW01-11 (installed 4/3/01)

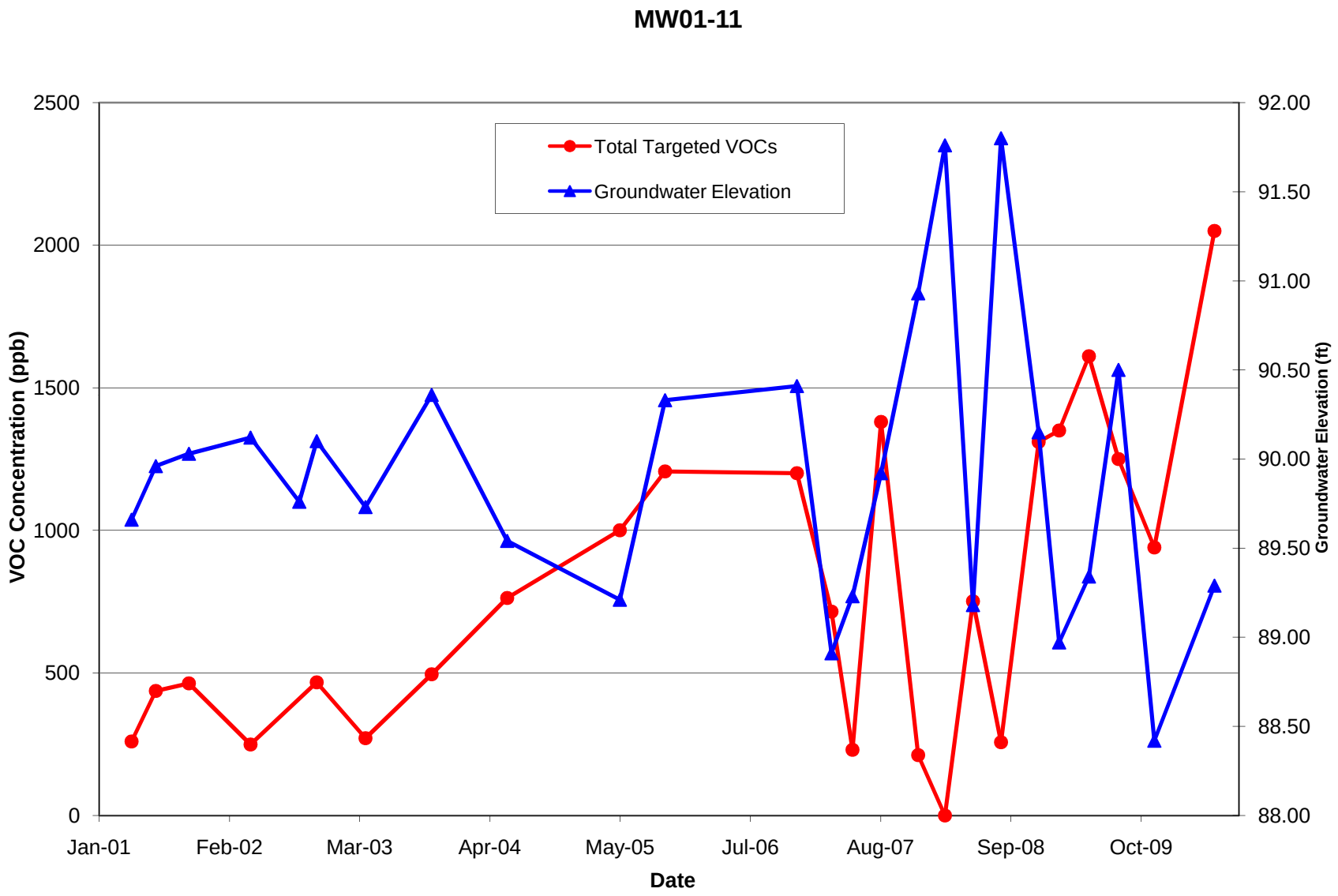
PARAMETER	*Date of Sample Collection:* 4/19/2001	7/2/2001	10/12/2001	4/19/2002	11/8/2002	4/7/2003	10/27/2003	VGES
Benzene	ND<4.0	ND<5.0	ND<5.0	ND<2.0	ND<4.0	ND<4.0	ND<4.0	5
Toluene	ND<4.0	ND<5.0	ND<5.0	ND<2.0	ND<4.0	ND<4.0	ND<4.0	1,000
Ethylbenzene	ND<4.0	ND<5.0	ND<5.0	ND<2.0	ND<4.0	ND<4.0	ND<4.0	700
Xylenes	ND<4.0	ND<5.0	ND<10.0	ND<2.0	ND<8.0	ND<8.0	ND<8.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<4.0	ND<5.0	ND<5.0	ND<2.0	ND<4.0	ND<4.0	ND<4.0	4
1,2,4 Trimethyl Benzene	ND<4.0	ND<5.0	ND<5.0	ND<2.0	ND<4.0	ND<4.0	ND<4.0	5
Naphthalene	ND<4.0	ND<5.0	ND<10.0	ND<2.0	ND<4.0	ND<4.0	ND<4.0	20
MTBE	**259.**	**437.**	**463.**	**249.**	**467.**	**271.**	**495.**	40
Total Targeted VOCs	**259.**	**437.**	**463.**	**249.**	**467.**	**271.**	**495.**	-
TPH (mg/L)	NT	NT	NT	-		NT	NT	-

PARAMETER	*Date of Sample Collection:* 6/15/2004	5/27/2005	10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	VGES
Benzene	ND<4.0	ND<5.0	ND<5.0	ND<20.0	ND<20.0	ND<2.0	ND<20.0	5
Toluene	ND<4.0	ND<5.0	ND<5.0	ND<20.0	ND<20.0	ND<2.0	ND<20.0	1,000
Ethylbenzene	ND<4.0	ND<5.0	ND<5.0	ND<20.0	ND<20.0	ND<2.0	ND<20.0	700
Xylenes	ND<8.0	ND<10.0	ND<10.0	ND<40.0	ND<40.0	ND<4.0	ND<40.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<4.0	ND<5.0	ND<5.0	ND<20.0	ND<20.0	ND<2.0	ND<20.0	350
1,2,4 Trimethyl Benzene	ND<4.0	ND<5.0	ND<5.0	ND<20.0	ND<20.0	ND<2.0	ND<20.0	
Naphthalene	ND<4.0	ND<5.0	ND<5.0	ND<40.0	ND<40.0	ND<4.0	ND<40.0	20
MTBE	**763.**	**1,000.**	**1,260.**	**1,200.**	**715.**	**230.**	**1,380.**	40
Total Targeted VOCs	**763.**	**1,000.**	**1,260.**	**1,200.**	**715.**	**230.**	**1,380.**	-

PARAMETER	*Date of Sample Collection:* 11/29/2007	2/19/2008	5/15/2008	8/9/2008	12/3/2008	2/4/2009	5/6/2009	VGES
Benzene	ND<5.0	ND<1.0	ND<20.0	ND<5.0	ND<10.0	ND<1.0	ND<10.0	5
Toluene	ND<5.0	ND<1.0	ND<20.0	ND<5.0	ND<10.0	ND<1.0	ND<10.0	1,000
Ethylbenzene	ND<5.0	ND<1.0	ND<20.0	ND<5.0	ND<10.0	ND<1.0	ND<10.0	700
Xylenes	ND<10.0	ND<2.0	ND<40.0	ND<10.0	ND<20.0	ND<2.0	ND<20.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<5.0	ND<1.0	ND<20.0	ND<5.0	ND<10.0	ND<1.0	ND<10.0	350
1,2,4 Trimethyl Benzene	ND<5.0	ND<1.0	ND<20.0	ND<5.0	ND<10.0	ND<1.0	ND<10.0	
Naphthalene	ND<5.0	ND<2.0	ND<40.0	ND<5.0	ND<20.0	ND<2.0	ND<20.0	20
MTBE	**212**	ND<2.0	**751**	**257**	**1,310**	**1,350**	**1,610**	40
Total Targeted VOCs	**212**	ND	**751**	**257**	**1,310**	**1,350**	**1,610**	-

PARAMETER	*Date of Sample Collection:* 8/5/2009	11/23/2009	5/27/2010					VGES
Benzene	ND<10.0	ND<10.0	ND<10.0					5
Toluene	ND<10.0	ND<10.0	ND<10.0					1,000
Ethylbenzene	ND<10.0	ND<10.0	ND<10.0					700
Xylenes	ND<20.0	ND<20.0	ND<20.0					10,000
Total BTEX	ND	ND	ND					-
1,3,5 Trimethyl Benzene	ND<10.0	ND<10.0	ND<10.0					350
1,2,4 Trimethyl Benzene	ND<10.0	ND<10.0	ND<10.0					
Naphthalene	ND<20.0	ND<20.0	ND<20.0					20
MTBE	**1,250**	**940**	**2,050**					40
Total Targeted VOCs	**1,250**	**940**	**2,050**					-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW01-11
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
Date
2500
2000
1500
1000
500
0
92.00
91.50
91.00
90.50
90.00
89.50
89.00
88.50
88.00
Jan-01
Feb-02
Mar-03
Apr-04
May-05
Jul-06
Aug-07
Sep-08
Oct-09

Groundwater Quality Summary

Monitoring Well MW02-12 (installed 9/6/02)

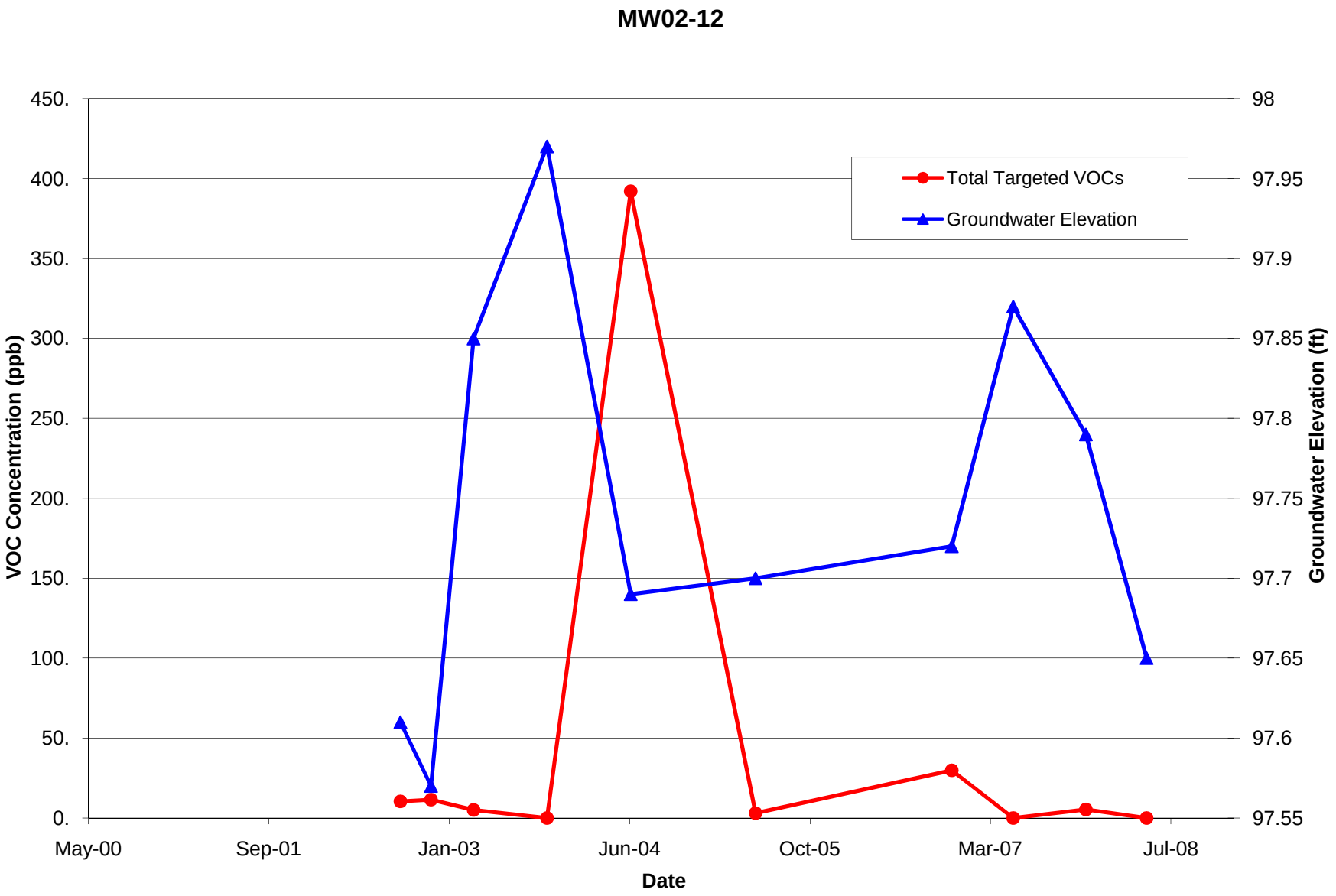
PARAMETER	*Date of Sample Collection:* 09/16/2002*	12/10/2002	4/7/2003	10/27/2003	6/15/2004	5/27/2005	10/13/2005	VGES
Benzene	ND<1.0	**1.2**	**1.0**	ND<1.0	**28.8**	ND<1.0	Well Not	5
Toluene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**129.**	ND<1.0	Sampled	1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**17.8**	ND<1.0		700
Xylenes	ND<2.0	ND<2.0	ND<2.0	ND<2.0	**170.**	ND<2.0		10,000
Total BTEX	ND	**1.2**	**1.0**	ND	**346.**	ND		-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**6.6**	ND<1.0		350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**20.8**	ND<1.0		
Naphthalene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	**4.2**	ND<1.0		20
MTBE	**10.4**	**10.2**	**4.0**	ND<2.0	**14.8**	**3.0**		40
Total Targeted VOCs	**10.4**	**11.4**	**5.0**	ND	**392.**	**3.0**		-
TPH (mg/L)	ND<0.40	NT	NT	NT	NT	NT	NS	-

* Sample analyzed per EPA Method 8260B

PARAMETER	*Date of Sample Collection:* 11/22/2006	5/11/2007	11/29/2007	2/19/2008	5/15/2008	8/7/2008	12/3/2008	VGES
Benzene	**2.5**	ND<1.0	ND<1.0	Not	ND<1.0	Not	Not	5
Toluene	ND<1.0	ND<1.0	ND<1.0	Sampled	ND<1.0	Sampled	Sampled	1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<1.0		ND<1.0			700
Xylenes	ND<2.0	ND<2.0	ND<2.0		ND<2.0			10,000
Total BTEX	**2.5**	ND	ND		ND			-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0		ND<1.0			350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0		ND<1.0			
Naphthalene	ND<2.0	ND<1.0	ND<1.0		ND<1.0			20
MTBE	**27.3**	ND<2.0	**5.4**		ND<2.0			40
Total Targeted VOCs	**29.8**	ND	**5.4**		ND			-

PARAMETER	*Date of Sample Collection:* 8/5/2009	11/23/2009	5/27/2010					VGES
Benzene	Not	Not	Not					5
Toluene	Sampled	Sampled	Sampled					1,000
Ethylbenzene								700
Xylenes								10,000
Total BTEX								-
1,3,5 Trimethyl Benzene								350
1,2,4 Trimethyl Benzene								
Naphthalene								20
MTBE								40
Total Targeted VOCs								-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc


MW02-12
Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
Date
450.
400.
350.
300.
250.
200.
150.
100.
50.
0.
98
97.95
97.9
97.85
97.8
97.75
97.7
97.65
97.6
97.55
May-00
Sep-01
Jan-03
Jun-04
Oct-05
Mar-07
Jul-08

Groundwater Quality Summary

Monitoring Well MW02-13 (installed 9/6/02)

PARAMETER	*Date of Sample Collection:* 09/16/2002*	12/10/2002	4/7/2003	10/27/2003	6/15/2004	5/27/2005	10/13/2005	VGES
Benzene	**14.4**	**9.2**	**7.9**	**8.6**	**9.8**	**19.5**	Well Not	5
Toluene	**1.5**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Sampled	1,000
Ethylbenzene	**13.5**	**13.0**	**11.1**	**1.9**	ND<1.0	**8.2**		700
Xylenes	**13.4**	ND<2.0	**4.8**	ND<2.0	ND<2.0	**3.2**		10,000
Total BTEX	**42.8**	**22.2**	**23.8**	**10.5**	**9.8**	**30.9**		-
1,3,5 Trimethyl Benzene	**1.1**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0		350
1,2,4 Trimethyl Benzene	**10.6**	ND<1.0	**3.3**	ND<1.0	**1.6**	**4.6**		
Naphthalene	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0		20
MTBE	**87.8**	**44.6**	**41.5**	**28.2**	**65.8**	**203**		40
Total Targeted VOCs	**142.3**	**66.8**	**68.6**	**38.7**	**77.2**	**238.5**	NS	-
TPH (mg/L)	**1.91**	NT	NT	NT	NT	NT	NT	-

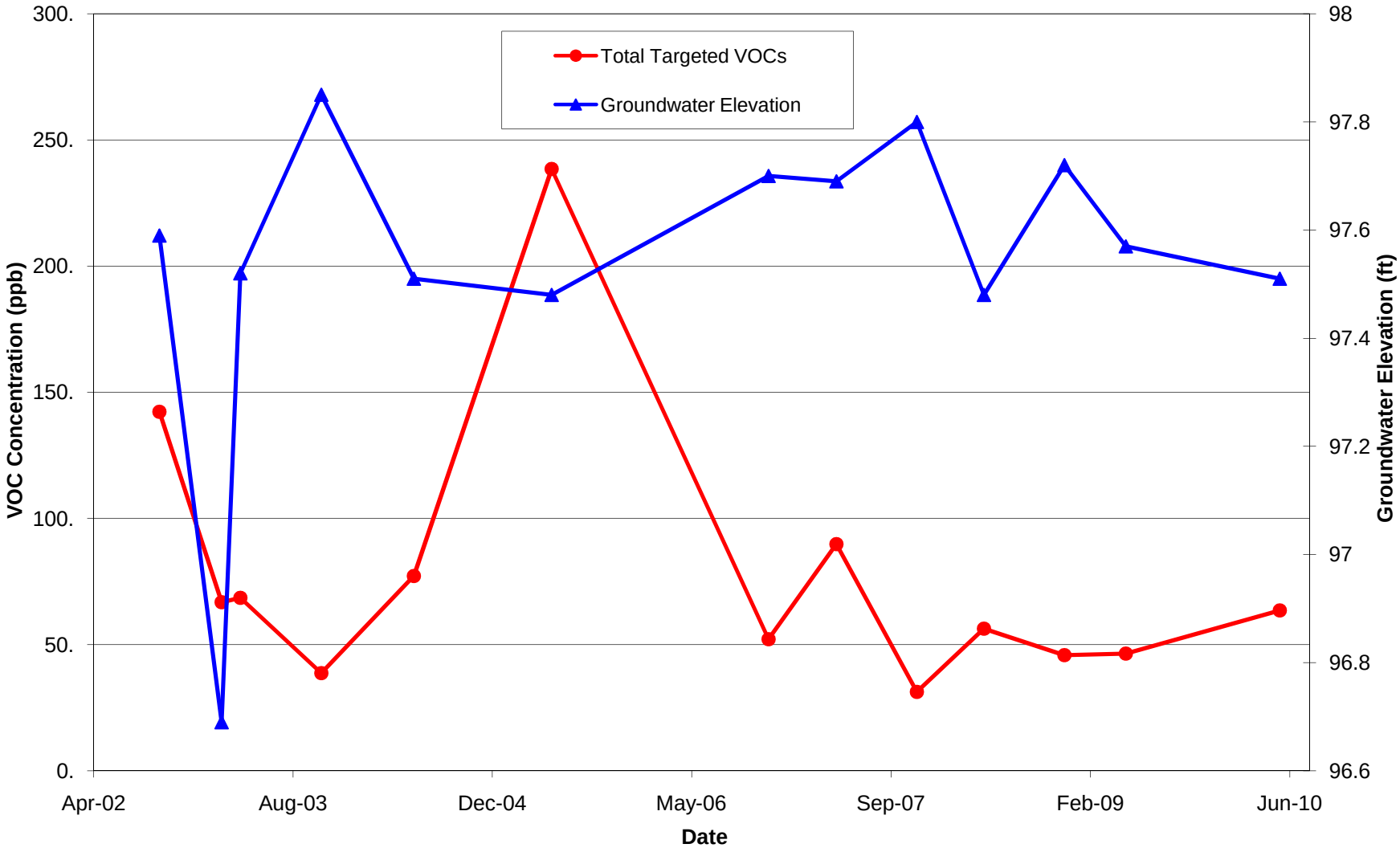
* Sample analyzed per EPA Method 8260B

PARAMETER	*Date of Sample Collection:* 11/22/2006	5/11/2007	11/29/2007	2/19/2008	5/15/2008	8/7/2008	12/3/2008	VGES
Benzene	**9.3**	**9.5**	**6.1**	Not	**5.3**	Not	**4.0**	5
Toluene	ND<1.0	ND<1.0	ND<1.0	Sampled	ND<1.0	Sampled	ND<1.0	1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<1.0		ND<1.0		ND<1.0	700
Xylenes	ND<2.0	ND<2.0	ND<2.0		ND<2.0		ND<2.0	10,000
Total BTEX	**9.3**	**9.5**	**6.1**		**5.3**		**4.0**	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0		ND<1.0		ND<1.0	350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0		ND<1.0		ND<1.0	
Naphthalene	ND<2.0	ND<2.0	ND<2.0		ND<2.0		ND<2.0	20
MTBE	**42.9**	**80.3**	**25.2**		**51.0**		**41.9**	40
Total Targeted VOCs	**52.2**	**89.8**	**31.3**		**56.3**		**45.9**	-

PARAMETER	*Date of Sample Collection:* 5/6/2009	8/5/2009	11/23/2009	5/27/2010				VGES
Benzene	**2.0**	Not	Not	**3.8**				5
Toluene	ND<1.0	Sampled	Sampled	ND<1.0				1,000
Ethylbenzene	ND<1.0			ND<1.0				700
Xylenes	ND<2.0			ND<2.0				10,000
Total BTEX	**2.0**			**3.8**				-
1,3,5 Trimethyl Benzene	ND<1.0			ND<1.0				350
1,2,4 Trimethyl Benzene	ND<1.0			ND<1.0				
Naphthalene	ND<2.0			ND<2.0				20
MTBE	**44.5**			**59.8**				40
Total Targeted VOCs	**46.5**			**63.6**				-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
Data prior to 2005 obtained with permission from Griffin International, Inc

MW02-13


Total Targeted VOCs
Groundwater Elevation
VOC Concentration (ppb)
Groundwater Elevation (ft)
Date
300.
250.
200.
150.
100.
50.
0.
98
97.8
97.6
97.4
97.2
97
96.8
96.6
Apr-02
Aug-03
Dec-04
May-06
Sep-07
Feb-09
Jun-10

Groundwater Quality Summary

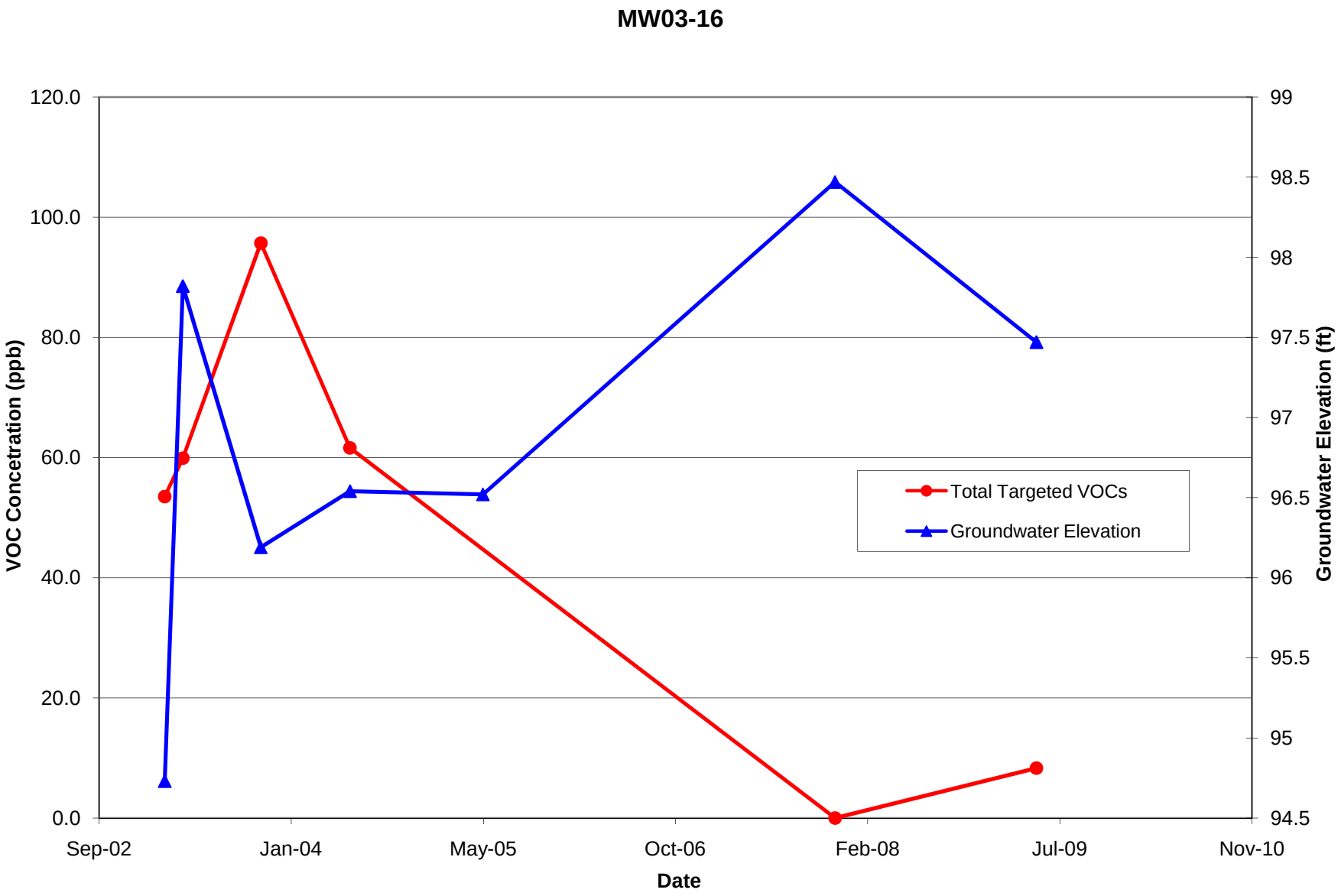
Monitoring Well MW03-16 (installed 2/5/03)

PARAMETER	*Date of Sample Collection:* 2/19/2003	4/7/2003	10/27/2003	6/15/2004	5/27/2005	10/13/2005	10/14/2005	VGES
Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Well Not	Well Not	Well Not	5
Toluene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Sampled	Sampled	Sampled	1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0				700
Xylenes	ND<2.0	ND<2.0	ND<2.0	ND<2.0				10,000
Total BTEX	ND	ND	ND	ND	NS	NS	NS	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0				350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Could Not		Could Not	
Naphthalene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	Access		Access	20
MTBE	**53.5**	**59.9**	**95.7**	**61.6**				40
Total Targeted VOCs	**53.5**	**59.9**	**95.7**	**61.6**	NS	NS	NS	-
TPH (mg/L)	NT	NT	NT	NT	NT			-

PARAMETER	*Date of Sample Collection:* 5/11/2007	11/29/2007	2/19/2008	5/15/2008	8/7/2008	12/3/2008	5/6/2009	VGES
Benzene	Well Not	ND<1.0	Not	Not	Not	Not	ND<1.0	5
Toluene	Sampled	ND<1.0	Sampled	Sampled	Sampled	Sampled	ND<1.0	1,000
Ethylbenzene		ND<1.0					ND<1.0	700
Xylenes		ND<2.0					ND<2.0	10,000
Total BTEX	NS	ND	NS	NS	NS	NS	ND	-
1,3,5 Trimethyl Benzene		ND<1.0					ND<1.0	350
1,2,4 Trimethyl Benzene	Could Not	ND<1.0					ND<1.0	
Naphthalene	Access	ND<1.0					ND<1.0	20
MTBE		ND<2.0					**8.3**	40
Total Targeted VOCs		ND					**8.3**	-

PARAMETER	*Date of Sample Collection:* 8/5/2009	11/23/2009						VGES
Benzene	Not	Not						5
Toluene	Sampled	Sampled						1,000
Ethylbenzene								700
Xylenes								10,000
Total BTEX	NS							-
1,3,5 Trimethyl Benzene								350
1,2,4 Trimethyl Benzene								
Naphthalene								20
MTBE								40
Total Targeted VOCs								-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
* = Sampled via EPA Method 8260 B


MW03-16
120.0
100.0
80.0
60.0
40.0
20.0
0.0
VOC Concetration (ppb)
99
98.5
98
97.5
97
96.5
96
95.5
95
94.5
Groundwater Elevation (ft)
Sep-02
Jan-04
May-05
Oct-06
Feb-08
Jul-09
Nov-10
Date
Total Targeted VOCs
Groundwater Elevation

Groundwater Quality Summary

Monitoring Well MW05-18 (installed 9/30/05)

PARAMETER	*Date of Sample Collection:* 10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007	11/29/2007	2/19/2008	VGES
Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5
Toluene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1,000
Ethylbenzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	700
Xylenes	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	10,000
Total BTEX	ND	ND	ND	ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	
Naphthalene	ND<1.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	20
MTBE	**3.7**	**2.5**	**4.4**	**4.3**	**3.0**	**2.6**	ND<2.0	40
Total Targeted VOCs	**3.7**	**2.5**	**4.4**	**4.3**	**3.0**	**2.6**	ND	-

PARAMETER	*Date of Sample Collection:* 5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	VGES
Benzene	ND<1.0	Not	ND<1.0	Not	ND<1.0	Not	Not	5
Toluene	ND<1.0	Sampled	ND<1.0	Sampled	ND<1.0	Sampled	Sampled	1,000
Ethylbenzene	ND<1.0		ND<1.0		ND<1.0			700
Xylenes	ND<2.0		ND<2.0		ND<2.0			10,000
Total BTEX	ND		ND		ND			-
1,3,5 Trimethyl Benzene	ND<1.0		ND<1.0		ND<1.0			350
1,2,4 Trimethyl Benzene	ND<1.0		ND<1.0		ND<1.0			
Naphthalene	ND<2.0		ND<2.0		ND<2.0			20
MTBE	ND<2.0		**3.1**		ND<2.0			40
Total Targeted VOCs	ND		**3.1**		ND			-

PARAMETER	*Date of Sample Collection:* 5/27/2010							VGES
Benzene	ND<1.0							5
Toluene	ND<1.0							1,000
Ethylbenzene	ND<1.0							700
Xylenes	ND<2.0							10,000
Total BTEX	ND							-
1,3,5 Trimethyl Benzene	ND<1.0							350
1,2,4 Trimethyl Benzene	ND<1.0							
Naphthalene	ND<2.0							20
MTBE	ND<2.0							40
Total Targeted VOCs	ND							-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
* = Sampled via EPA Method 8260 B

Groundwater Quality Summary

Monitoring Well MW05-19 (installed 9/30/05)

PARAMETER	*Date of Sample Collection:* 10/13/2005	11/22/2006	3/8/2007	5/11/2007	8/7/2007*	11/29/2007*	2/19/2008*	VGES
Benzene	ND<1.0	ND<1.0	Well Not	ND<1.0	ND<1.0	ND<1.0	ND<1.0	5
Toluene	ND<1.0	ND<1.0	Sampled	ND<1.0	ND<1.0	ND<1.0	ND<1.0	1,000
Ethylbenzene	ND<1.0	ND<1.0		ND<1.0	ND<1.0	ND<1.0	ND<1.0	700
Xylenes	ND<2.0	ND<2.0		ND<2.0	ND<2.0	ND<2.0	ND<2.0	10,000
Total BTEX	ND	ND		ND	ND	ND	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0		ND<1.0	ND<1.0	ND<1.0	ND<1.0	350
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0		ND<1.0	ND<1.0	ND<1.0	ND<1.0	
Naphthalene	**4.2**	ND<2.0		ND<2.0	ND<2.0	ND<2.0	ND<2.0	20
MTBE	ND<2.0	**4.7**		**7.6**	**7.0**	**7.2**	**2.4**	40
1,2 Dichloroethane	NT	NT		NT	**3.1**	**2.7**	ND<1.0	5
Total Targeted VOCs	**4.2**	**4.7**		**7.6**	**10.1**	**9.9**	**2.4**	-

PARAMETER	*Date of Sample Collection:* 5/15/2008*	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	VGES
Benzene	ND<1.0	Not	ND<1.0	Not	ND<1.0	Not	Not	5
Toluene	ND<1.0	Sampled	ND<1.0	Sampled	ND<1.0	Sampled	Sampled	1,000
Ethylbenzene	ND<1.0		ND<1.0		ND<1.0			700
Xylenes	ND<2.0		ND<2.0		ND<2.0			10,000
Total BTEX	ND		ND		ND			-
1,3,5 Trimethyl Benzene	ND<1.0		ND<1.0		ND<1.0			350
1,2,4 Trimethyl Benzene	ND<1.0		ND<1.0		ND<1.0			
Naphthalene	ND<2.0		ND<2.0		ND<2.0			20
MTBE	**8.3**		**10.2**		**14.0**			40
1,2 Dichloroethane	**3.0**		**3.0**		**3.5**			5
Total Targeted VOCs	**11.3**		**13.2**		**17.5**			-

PARAMETER	*Date of Sample Collection:* 5/15/2008*							VGES
Benzene	ND<2.0							5
Toluene	ND<2.0							1,000
Ethylbenzene	ND<2.0							700
Xylenes	ND<4.0							10,000
Total BTEX	ND							-
1,3,5 Trimethyl Benzene	ND<2.0							350
1,2,4 Trimethyl Benzene	ND<2.0							
Naphthalene	ND<4.0							20
MTBE	**15.2**							40
1,2 Dichloroethane	**3.1**							5
Total Targeted VOCs	**18.3**							-

TBQ< : Trace below quantitation limit
ND< : Not detected (<detection limit)
NT: Not tested
All values in ug/L (ppb) unless noted
Analysis by EPA Method 8021B, except for TPH by EPA Method 8015 DRO
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES
* = Sampled via EPA Method 8260 B

Groundwater Quality Summary

Monitoring Well MW1

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	**10.5**	ND<2.0	-
Toluene	ND<1.0	ND<2.0	-
Ethylbenzene	ND<1.0	ND<2.0	-
Xylenes	ND<2.0	ND<4.0	-
Total BTEX	**10.5**	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<2.0	-
1,2,4 Trimethyl Benzene	ND<1.0	ND<2.0	-
Naphthalene	ND<2.0	ND<4.0	-
MTBE	**204.**	**184**	10%
Total Targeted VOCs	**215.**	**184**	14%

Monitoring Well MW2

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	**134.**	**13.8**	90%
Toluene	**6.0**	ND<1.0	-
Ethylbenzene	**95.6**	**11.0**	88%
Xylenes	**126.**	**12.0**	90%
Total BTEX	**362.**	**36.8**	90%
1,3,5 Trimethyl Benzene	**6.8**	ND<1.0	-
1,2,4 Trimethyl Benzene	**99.1**	**7.4**	93%
Naphthalene	**39.5**	**2.1**	95%
MTBE	**252.**	**6.9**	97%
Total Targeted VOCs	**759.**	**53.2**	93%

Monitoring Well MW3

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	ND<100.	ND<20.0	-
Toluene	ND<100.	ND<20.0	-
Ethylbenzene	ND<100.	ND<20.0	-
Xylenes	ND<200.	ND<40.0	-
Total BTEX	ND	ND	-
1,3,5 Trimethyl Benzene	ND<100.	ND<20.0	-
1,2,4 Trimethyl Benzene	ND<100.	ND<20.0	-
Naphthalene	ND<200	ND<40.0	-
MTBE	**4,970.**	**1,500**	70%
Total Targeted VOCs	**4,970.**	**1,500**	70%

Monitoring Well MW4

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	**3,330.**	**2,210**	34%
Toluene	**1,430.**	**1,020**	29%
Ethylbenzene	**2,530.**	**2,530**	0%
Xylenes	**6,100.**	**6,480**	-6%
Total BTEX	**13,390.**	**12,240**	9%
1,3,5 Trimethyl Benzene	**605.**	**467**	23%
1,2,4 Trimethyl Benzene	**1,820.**	**1,780**	2%
Naphthalene	**676.**	**574**	15%
MTBE	**2,120.**	**1,450**	32%
Total Targeted VOCs	**18,611.**	**16,511**	11%

Groundwater Quality Summary

Monitoring Well MW5

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	**2,980.**	**2,290**	23%
Toluene	ND<500.	**390**	-
Ethylbenzene	**525.**	**554**	-6%
Xylenes	**1,480.**	**1,390**	6%
Total BTEX	**4,985.**	**4,624**	7%
1,3,5 Trimethyl Benzene	ND<500.	ND<200	-
1,2,4 Trimethyl Benzene	ND<500.	**428**	-
Naphthalene	ND<1000.	ND<400	-
MTBE	**40,600.**	**35,700**	12%
Total Targeted VOCs	**45,585.**	**40,752**	11%

Monitoring Well MW6

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	**381.**	**343**	10%
Toluene	ND<100.	ND<50.0	-
Ethylbenzene	**310.**	**318**	-3%
Xylenes	ND<200.	**130**	-
Total BTEX	**691.**	**791**	100%
1,3,5 Trimethyl Benzene	ND<100.	ND<50.0	-
1,2,4 Trimethyl Benzene	ND<100.	**136**	-
Naphthalene	ND<200.	ND<100	-
MTBE	**6,210.**	**7,510**	-21%
Total Targeted VOCs	**6,901.**	**8,437**	-22%

Monitoring Well MW7

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	ND<5.0	ND<2.0	-
Toluene	ND<5.0	ND<2.0	-
Ethylbenzene	ND<5.0	ND<2.0	-
Xylenes	ND<10.0	ND<4.0	-
Total BTEX	ND	ND	-
1,3,5 Trimethyl Benzene	ND<5.0	ND<2.0	-
1,2,4 Trimethyl Benzene	ND<5.0	ND<2.0	-
Naphthalene	ND<10.0	ND<4.0	-
MTBE	**459.**	**308**	33%
Total Targeted VOCs	**459.**	**308**	33%

Groundwater Quality Summary

Monitoring Well MW01-9

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	ND<1.0	ND<1.0	-
Toluene	ND<1.0	ND<1.0	-
Ethylbenzene	ND<1.0	ND<1.0	-
Xylenes	ND<2.0	ND<2.0	-
Total BTEX	ND	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	-
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	-
Naphthalene	ND<2.0	ND<2.0	-
MTBE	**56.5**	**123**	-118%
Total Targeted VOCs	**56.5**	**123**	-118%

Monitoring Well MW01-10

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	ND<5.0	ND<5.0	-
Toluene	ND<5.0	ND<5.0	-
Ethylbenzene	ND<5.0	ND<5.0	-
Xylenes	ND<10.0	ND<10.0	-
Total BTEX	ND	ND	-
1,3,5 Trimethyl Benzene	ND<5.0	ND<5.0	-
1,2,4 Trimethyl Benzene	ND<5.0	ND<5.0	-
Naphthalene	ND<10.0	ND<5.0	-
MTBE	**670.**	**1770**	-164%
Total Targeted VOCs	**670.**	**1770**	-164%

Monitoring Well MW01-11

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	ND<20.0	ND<10.0	-
Toluene	ND<20.0	ND<10.0	-
Ethylbenzene	ND<20.0	ND<10.0	-
Xylenes	ND<40.0	ND<20.0	-
Total BTEX	ND	ND	-
1,3,5 Trimethyl Benzene	ND<20.0	ND<10.0	-
1,2,4 Trimethyl Benzene	ND<20.0	ND<10.0	-
Naphthalene	ND<40.0	ND<20.0	-
MTBE	**1,200.**	**2,050**	-71%
Total Targeted VOCs	**1,200.**	**2050**	-71%

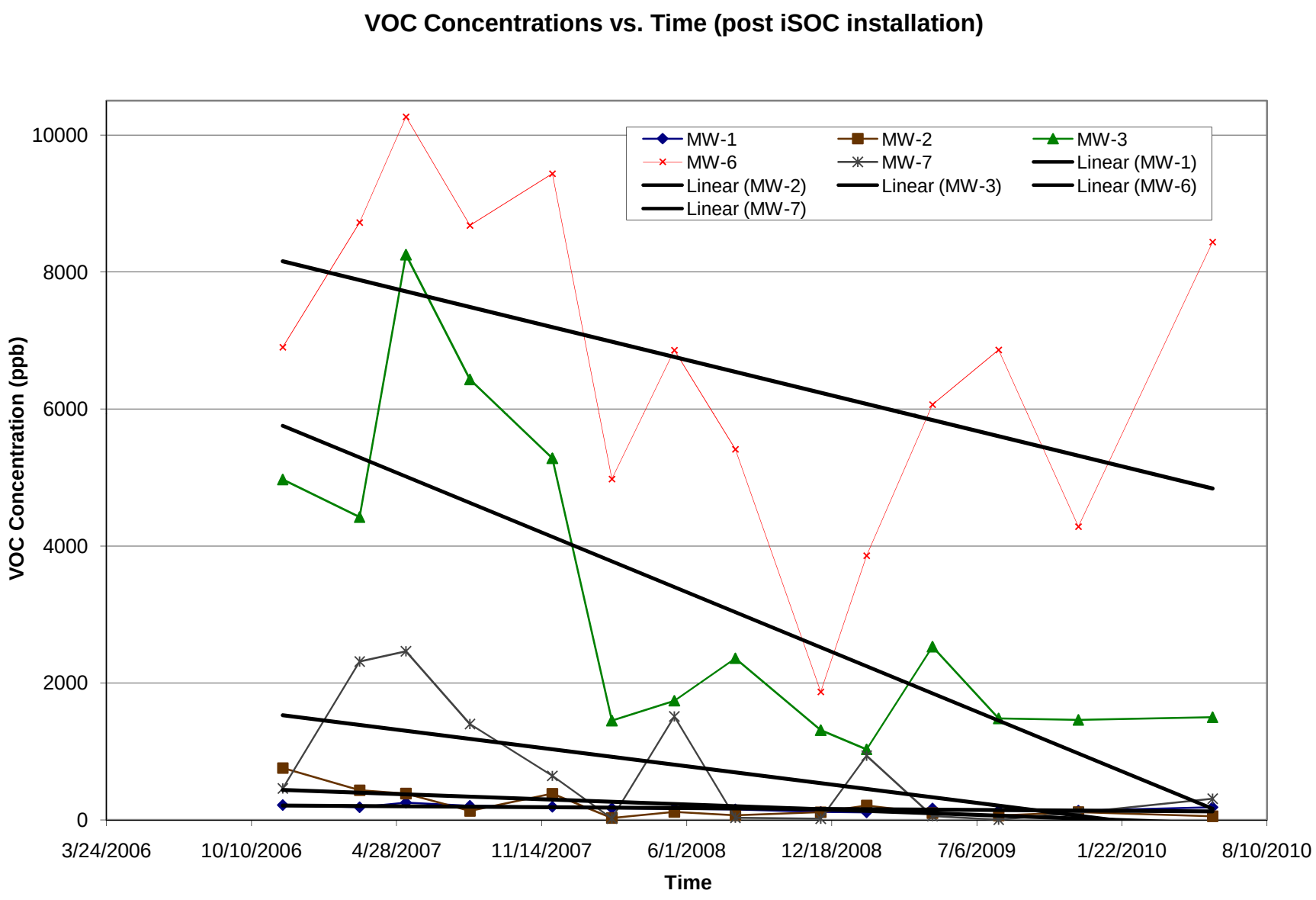
Groundwater Quality Summary

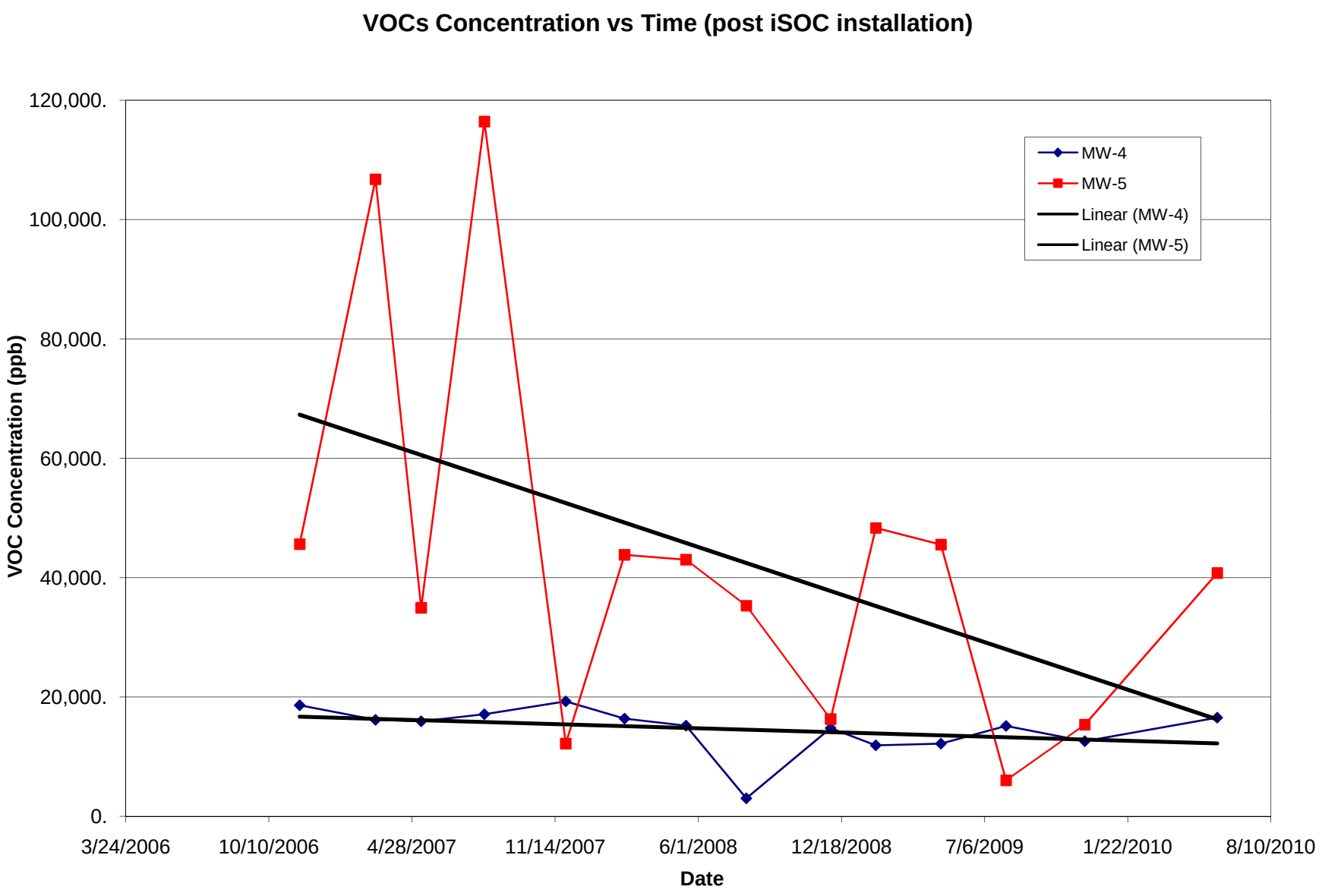
Monitoring Well MW02-12

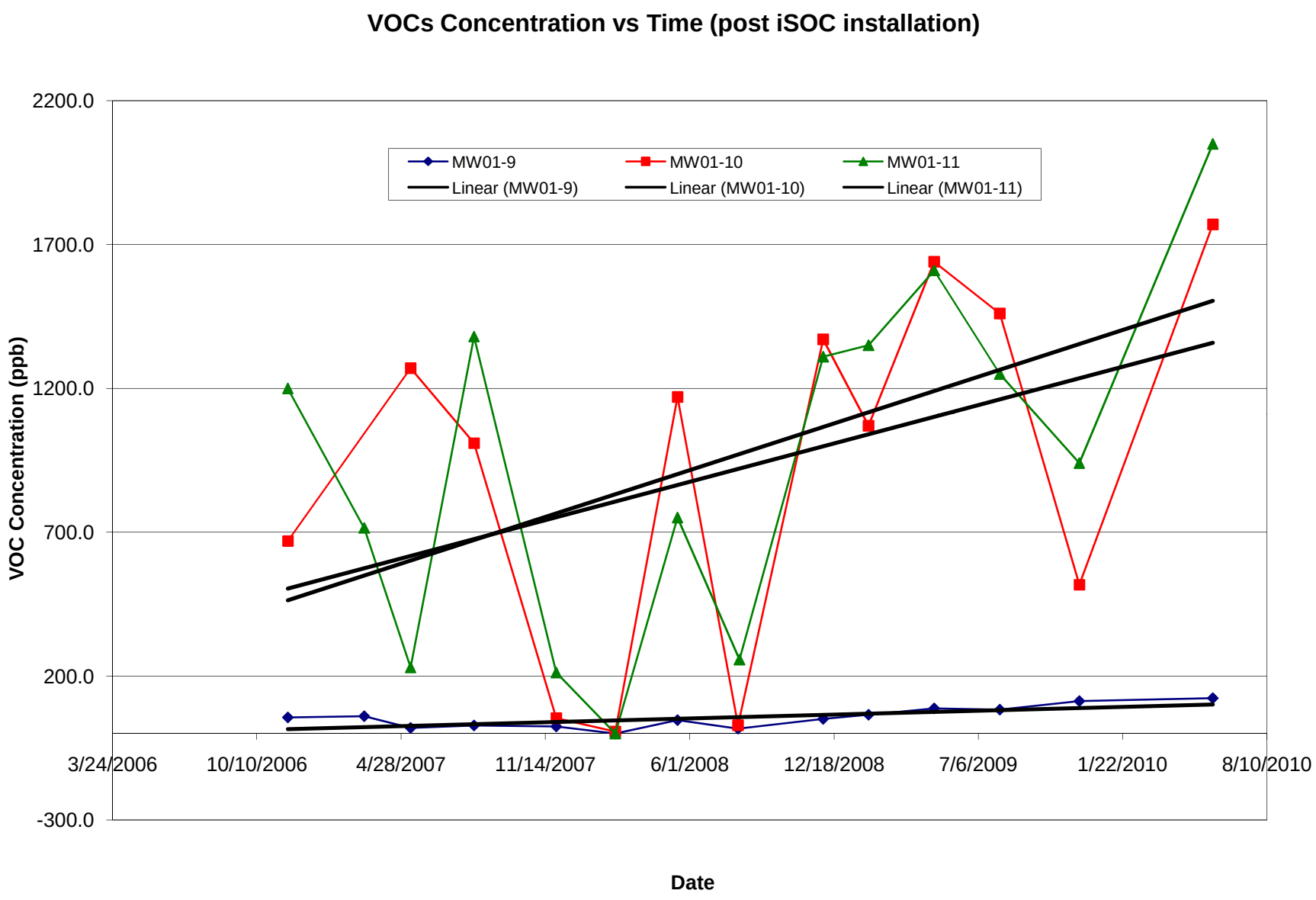
PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/15/2008	*Difference*
Benzene	**2.5**	ND<1.0	-
Toluene	ND<1.0	ND<1.0	-
Ethylbenzene	ND<1.0	ND<1.0	-
Xylenes	ND<2.0	ND<2.0	-
Total BTEX	**2.5**	ND	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	-
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	-
Naphthalene	ND<2.0	ND<1.0	-
MTBE	**27.3**	ND<2.0	-
Total Targeted VOCs	**29.8**	ND	-

Monitoring Well MW02-13

PARAMETER	*Concentration / Pre iSOC* 11/22/2006	*Concentration / Post iSOC* 5/27/2010	*Difference*
Benzene	**9.3**	**3.8**	59%
Toluene	ND<1.0	ND<1.0	-
Ethylbenzene	ND<1.0	ND<1.0	-
Xylenes	ND<2.0	ND<2.0	-
Total BTEX	**9.3**	**3.8**	59%
1,3,5 Trimethyl Benzene	ND<1.0	ND<1.0	-
1,2,4 Trimethyl Benzene	ND<1.0	ND<1.0	-
Naphthalene	ND<2.0	ND<2.0	-
MTBE	**42.9**	**59.8**	-39%
Total Targeted VOCs	**52.2**	**63.6**	-22%


VOC Concentrations vs. Time (post iSOC installation)
VOC Concentration (ppb)
10000
8000
6000
4000
2000
0
3/24/2006
10/10/2006
4/28/2007
11/14/2007
6/1/2008
12/18/2008
7/6/2009
1/22/2010
8/10/2010
Time
MW-1
MW-2
MW-3
MW-6
MW-7
Linear (MW-1)
Linear (MW-2)
Linear (MW-3)
Linear (MW-6)
Linear (MW-7)


VOCs Concentration vs Time (post iSOC installation)
120,000.
100,000.
80,000.
60,000.
40,000.
20,000.
0.
VOC Concentration (ppb)
3/24/2006
10/10/2006
4/28/2007
11/14/2007
6/1/2008
12/18/2008
7/6/2009
1/22/2010
8/10/2010
Date
MW-4
MW-5
Linear (MW-4)
Linear (MW-5)


VOCs Concentration vs Time (post iSOC installation)
MW01-9
MW01-10
MW01-11
Linear (MW01-9)
Linear (MW01-10)
Linear (MW01-11)
2200.0
1700.0
1200.0
700.0
200.0
-300.0
VOC Concentration (ppb)
3/24/2006
10/10/2006
4/28/2007
11/14/2007
6/1/2008
12/18/2008
7/6/2009
1/22/2010
8/10/2010
Date

Middlebury Sunoco
Middlebury, Vermont
Groundwater Nutrient Data
Page 1 of 2

MW-1									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	550	562	538	538	470	534	490	380	465
Nitrate as N (mg/L)	ND<0.20	ND<0.02	NS	ND<0.02	ND<0.02	ND<0.02	ND<0.02	0.05	ND<0.20
Sulfate (mg/L)	15	17	21	17	16	18	19	15	17
DO (mg/L)	0.86	0.1	0.12	0.45	0.25	0.43	1.60	0.9	1.95

MW-2									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	210	250	303	267	239	205	210	260	236
Nitrate as N (mg/L)	0.07	ND<0.02	NS	ND<0.02	0.18	ND<0.07	ND<0.02	0.03	ND<0.20
Sulfate (mg/L)	19	20	8.2	11	15	8.8	4.8	5.7	5.4
DO (mg/L)	0.82	0.09	0.10	0.08	2.18	0.36	0.70	0.3	1.35

MW-3									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	620	683	681	649	581	592	560	550	532
Nitrate as N (mg/L)	ND<0.20	ND<0.20	NS	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.02	ND<0.20
Sulfate (mg/L)	18	19	25	25	21	21	24	20	20
DO (mg/L)	0.00	0.1	0.10	0.20	1.86	0.46	0.80	0.6	1.96

MW-4									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	810	936	307	828	824	759	740	760	748
Nitrate as N (mg/L)	ND<0.20	ND<0.02	NS	ND<0.02	ND<0.02	0.02	ND<0.02	ND<0.02	ND<0.02
Sulfate (mg/L)	1.6	ND<0.50	1.2	ND<0.50	1.7	0.85	ND<0.50	ND<0.25	ND<0.50
DO (mg/L)	0.09	0.14	0.12	0.17	0.22	0.51	1.00	0.3	1.57

MW-5									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	800	811	NS	737	773	NS	580	550	506
Nitrate as N (mg/L)	ND<0.20	0.22	NS	0.09	0.06	NS	0.10	ND<0.02	0.12
Sulfate (mg/L)	19	1.9	NS	11	21	NS	3.3	9.1	2.9
DO (mg/L)	1.10	0.11	0.10	1.09	0.40	0.47	0.90	1.1	4.62

MW-6									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	890	1092	892	884	948	759	320	750	780
Nitrate as N (mg/L)	ND<0.20	0.09	NS	0.02	3.0	0.07	ND<0.02	0.03	ND<0.02
Sulfate (mg/L)	3.8	5.3	13	16	14	40	17	13	11
DO (mg/L)	0.40	0.45	0.22	0.74	0.75	0.50	1.00	0.3	3.61

MW-7									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	570	694	474	338	617	353	290	270	465
Nitrate as N (mg/L)	0.22	0.95	NS	3.1	6.2	3.8	1.1	3.1	0.78
Sulfate (mg/L)	26	23	16	12	24	18	20	11	19
DO (mg/L)	4.91	3.03	0.12	1.47	0.27	2.61	1.40	0.7	3.11

MW01-9									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	620	714	761	653	641	623	520	590	602
Nitrate as N (mg/L)	0.75	0.62	NS	6.6	6.3	2.0	3.3	12	1.9
Sulfate (mg/L)	72	82	90	80	88	83	89	83	82
DO (mg/L)	2.19	0.1	0.14	0.13	0.42	0.36	1.50	0.4	3.65

MW01-10									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	250	593	366	557	565	543	420	390	607
Nitrate as N (mg/L)	1.4	0.08	NS	0.05	2.9	0.15	0.06	1.0	0.59
Sulfate (mg/L)	6.7	37	5.1	44	69	47	45	10	47
DO (mg/L)	11.70	0.07	4.06	0.42	0.29	0.66	3.00	4.0	2.84

Middlebury Sunoco
Middlebury, Vermont
Groundwater Nutrient Data

MW01-11									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	390	585	577	657	597	536	530	470	579
Nitrate as N (mg/L)	1.4	1.0	NS	4.8	14	8.9	5.1	33	4.7
Sulfate (mg/L)	20	58	40	61	70	58	67	52	62
DO (mg/L)	8.92	0.39	4.70	0.62	0.18	0.42	1.70	4.3	1.44

MW05-18									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	710	733	NS	800	NS	683	NS	NS	709
Nitrate as N (mg/L)	0.77	0.77	NS	0.62	NS	0.29	NS	NS	0.67
Sulfate (mg/L)	86	91	NS	100	NS	92	NS	NS	89
DO (mg/L)	1.37	0.14	0.11	0.75	1.57	0.96	3.80	0.7	3.07

MW05-19									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	410	831	NS	856	NS	741	NS	NS	732
Nitrate as N (mg/L)	1.2	ND<0.02	NS	ND<0.02	NS	0.09	NS	NS	ND<0.20
Sulfate (mg/L)	42	60	NS	64	NS	60	NS	NS	60
DO (mg/L)	9.31	0.12	0.14	0.16	0.31	0.46	4.00	0.5	2.56

MW02-12									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	NS	109	NS	NS	NS	NS	NS	NS	NS
Nitrate as N (mg/L)	NS	1.1	NS	NS	NS	NS	NS	NS	NS
Sulfate (mg/L)	NS	6.0	NS	NS	NS	NS	NS	NS	NS
DO (mg/L)	NS	0.06	NS	0.07	NM	NM	NM	NM	NM

MW02-13									
PARAMETER	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
Alkalinity (CaCO3)	NS	519	NS	478	NS	459	NS	NS	508
Nitrate as N (mg/L)	NS	0.04	NS	ND<0.02	NS	ND<0.02	NS	NS	ND<0.02
Sulfate (mg/L)	NS	13	NS	17	NS	15	NS	NS	13
DO (mg/L)	NS	0.14	NS	0.43	NM	0.46	NM	NM	1.48

MW03-16						
PARAMETER	5/6/2009	8/5/2009	11/23/2009			
Alkalinity (CaCO3)	220	NS	NS			
Nitrate as N (mg/L)	0.20	NS	NS			
Sulfate (mg/L)	60	NS	NS			
DO (mg/L)	1.50	NM	NM			

NS: Not sampled

Middlebury Sunoco
Middlebury, Vermont
Bacteria Plate Counts

Sample Date	10/13/2005	2/19/2008	5/15/2008	8/7/2008	12/3/2008	2/4/2009	5/6/2009	8/5/2009	11/23/2009	5/27/2010
PARAMETER	MW-1									
Degrader Plate Count per mL	2,900	200	10	20	120	80	880	120	350	80
Heterotrophic Plate Count per mL	9,900	3,300	920	1,900	500	39,000	17,000	3,600	15,000	14,000
PARAMETER	MW-2									
Degrader Plate Count per mL	3,200	70	<10	<10	90	230	<10	170	260	120
Heterotrophic Plate Count per mL	6,600	11,000	1,900	<100	<100	3,600	2,400	2,000	16,000	2,500
PARAMETER	MW-3									
Degrader Plate Count per mL	450	400	30	20	210	270	680	140	80	50
Heterotrophic Plate Count per mL	3,100	5,300	2,500	1,300	500	4,500	11,000	1,600	2,000	9,700
PARAMETER	MW-4									
Degrader Plate Count per mL	6,600.	70	150	90	80	100	160	550	ND<10	300
Heterotrophic Plate Count per mL	10,000.	15,000	1,600	<100	200	7,400	1,000	4,900	1,900	1,700
PARAMETER	MW-5									
Degrader Plate Count per mL	1,170.	ND<10	5,900	NS	5,400	18,000	5,700	80	140	20
Heterotrophic Plate Count per mL	<200.	72,000	>250,000	NS	3,800	93,000	67,000	1,100	42,000	12,000
PARAMETER	MW-6									
Degrader Plate Count per mL	669.	40	70	30	390	2,400	260	530	50	<10
Heterotrophic Plate Count per mL	<100.	4,100	1,600	<100	1,500	50,000	7,200	12,000	5,400	23,000
PARAMETER	MW-7									
Degrader Plate Count per mL	NT	150	19,000	40	520	19,000	4,900	1,700	250	200
Heterotrophic Plate Count per mL	NT	12,000	250,000	3,000	3,900	65,000	22,000	110,000	50,000	150,000
PARAMETER	MW01-9									
Degrader Plate Count per mL	NT	20	400	<10	110	350	1,500	80	40	100
Heterotrophic Plate Count per mL	NT	20,000	18,000	<100	6,800	1,700	2,700	3,700	19,000	19,000
PARAMETER	MW01-10									
Degrader Plate Count per mL	NT	50	50	<10	50	10	280	10	110	10
Heterotrophic Plate Count per mL	NT	2,800	1,000	<100	1,200	1,300	2,500	720	620	530
PARAMETER	MW01-11									
Degrader Plate Count per mL	NT	110	140	<10	60	180	340	590	230	40
Heterotrophic Plate Count per mL	NT	3,600	600	<100	100	1,700	1,600	6,000	210,000	5,300
PARAMETER	MW05-18									
Degrader Plate Count per mL	NT	360	<10	NS	290	NS	300	NS	NS	270
Heterotrophic Plate Count per mL	NT	8,900	23,000	NS	1,300	NS	3,900	NS	NS	2,800
PARAMETER	MW05-19									
Degrader Plate Count per mL	NT	160	170	NS	280	NS	1,300	NS	NS	100
Heterotrophic Plate Count per mL	NT	91,000	11,000	NS	1,500	NS	9,300	NS	NS	290
PARAMETER	MW02-12									
Degrader Plate Count per mL	NT	NT	120	NS	NS	NS	NS	NS	NS	NS
Heterotrophic Plate Count per mL	NT	NT	1,900	NS	NS	NS	NS	NS	NS	NS
PARAMETER	MW02-13									
Degrader Plate Count per mL	NT	NT	20	NS	60	NS	30	NS	NS	<10
Heterotrophic Plate Count per mL	NT	NT	900	NS	100	NS	3,100	NS	NS	80
PARAMETER	MW03-16									
Degrader Plate Count per mL	NS	NS	NS	NS	NS	NS	1,000	NS	NS	NS
Heterotrophic Plate Count per mL	NS	NS	NS	NS	NS	NS	9,400	NS	NS	NS

Notes:
Units in # per mL
NT = not tested
< = non-detect less than detection limit

Quality Assurance and Control Samples
Sample Date: May 27, 2010

PARAMETER	**Trip Blank**	**MW-1**	**Duplicate (MW-1)**	**RPD**	VGES
Benzene	ND<1.0	ND<2.0	ND<2.0	-	5
Toluene	ND<1.0	ND<2.0	ND<2.0	-	1,000
Ethylbenzene	ND<1.0	ND<2.0	ND<2.0	-	700
Xylenes	ND<2.0	ND<4.0	ND<4.0	-	10,000
Total BTEX	ND	ND	ND	-	-
1,3,5 Trimethyl Benzene	ND<1.0	ND<2.0	ND<2.0	-	350
1,2,4 Trimethyl Benzene	ND<1.0	ND<2.0	ND<2.0	-	
Naphthalene	ND<2.0	ND<4.0	ND<4.0	-	20
MTBE	ND<2.0	**184**	**192**	**-4.3**	40
Total Targeted VOCs	ND	**184**	**192**	**-4.3**	-

NOTES:
Analysis by EPA Method 8021B
All values in ug/L (ppb) unless noted
ND( ) = None detected (detection limit)
NT = Not tested
TBQ( ) = Trace below quantitation (detection limit)
RPD = Relative Percent Difference
VGES = Vermont Groundwater Enforcement Standards (Vermont Groundwater Protection Rule and Strategy, 2/20/2007)
>VGES

APPENDIX D

Analytical Laboratory Reports

ENDYNE Inc.
Environmental Laboratories

Laboratory Report

KAS, Inc. 100306
PO Box 787
Williston, VT 05495

PROJECT: 410040058 Middlebury Sunoco
WORK ORDER: **1005-06717**
DATE RECEIVED: May 28, 2010
DATE REPORTED: June 21, 2010
SAMPLER: DM/RB

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody located at the end of this report.

The column labeled Lab/Tech in the accompanying report denotes the laboratory facility where the testing was performed and the technician who conducted the assay. A "W" designates the Williston, VT lab under NELAC certification ELAP 11263; "R" designates the Lebanon, NH facility under certification NH 2037 and "N" the Plattsburgh, NY lab under certification ELAP 11892. "Sub" indicates the testing was performed by a subcontracted laboratory. The accreditation status of the subcontracted lab is referenced in the corresponding NELAC and Qual fields.

This NELAC column also denotes the accreditation status of each laboratory for each reported parameter. "A" indicates the referenced laboratory is NELAC accredited for the parameter reported. "N" indicates the laboratory is not accredited. "U" indicates that NELAC does not offer accreditation for that parameter in that specific matrix. Test results denoted with an "A" meet all National Environmental Laboratory Accreditation Program requirements except where denoted by pertinent data qualifiers. Test results are representative of the samples as they were received at the laboratory

Endyne, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose.

Reviewed by:

Harry B. Locker, Ph.D.
Laboratory Director

Laboratory Report

CLIENT: KAS, Inc.
PROJECT: 410040058 Middlebury Sunoco
REPORT DATE: 6/21/2010

WORK ORDER: **1005-06717**
DATE RECEIVED: 05/28/2010

001 Site: MW-1 Date Sampled: 5/27/10 Time: 12:10

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	465	mg/L	SM18 2320B	6/2/10	11:36	W JSS	N	
Nitrate as N	< 0.20	mg/L	EPA 300.0	5/29/10	5:21	W KMB	A	
Sulfate	17	mg/L	EPA 300.0	5/29/10		W CM	A	

002 Site: MW-2 Date Sampled: 5/27/10 Time: 12:12

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	236	mg/L	SM18 2320B	6/2/10	11:36	W JSS	N	
Nitrate as N	< 0.20	mg/L	EPA 300.0	6/2/10	3:24	W KMB	A	E
Sulfate	5.4	mg/L	EPA 300.0	6/2/10		W CM	A	

003 Site: MW-3 Date Sampled: 5/27/10 Time: 12:40

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	532	mg/L	SM18 2320B	6/2/10	11:36	W JSS	N	
Nitrate as N	< 0.20	mg/L	EPA 300.0	6/2/10	3:44	W KMB	A	E
Sulfate	20	mg/L	EPA 300.0	6/2/10		W CM	A	

004 Site: MW-4 Date Sampled: 5/27/10 Time: 12:40

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	748	mg/L	SM18 2320B	6/2/10	11:36	W JSS	N	
Nitrate as N	< 0.02	mg/L	EPA 300.0	6/2/10	11:28	W KMB	A	E
Sulfate	< 0.50	mg/L	EPA 300.0	6/2/10		W CM	A	

005 Site: MW-5 Date Sampled: 5/27/10 Time: 13:20

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	506	mg/L	SM18 2320B	6/4/10	12:28	W JSS	N	
Nitrate as N	0.12	mg/L	EPA 300.0	6/2/10	11:48	W KMB	A	E
Sulfate	2.9	mg/L	EPA 300.0	6/2/10		W CM	A	

007 Site: MW-6 Date Sampled: 5/27/10 Time: 13:15

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	780	mg/L	SM18 2320B	6/4/10	12:28	W JSS	N	
Nitrate as N	< 0.02	mg/L	EPA 300.0	6/2/10	14:44	W KMB	A	E
Sulfate	11	mg/L	EPA 300.0	6/2/10		W CM	A	

008 Site: MW-7 Date Sampled: 5/27/10 Time: 13:50

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	465	mg/L	SM18 2320B	6/4/10	12:28	W JSS	N	
Nitrate as N	0.78	mg/L	EPA 300.0	6/2/10	4:46	W KMB	A	E
Sulfate	19	mg/L	EPA 300.0	6/2/10		W CM	A	

009 Site: MW01-9 Date Sampled: 5/27/10 Time: 13:55

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	602	mg/L	SM18 2320B	6/4/10	12:28	W JSS	N	
Nitrate as N	1.9	mg/L	EPA 300.0	6/2/10	5:06	W KMB	A	E
Sulfate	82	mg/L	EPA 300.0	6/2/10		W CM	A	

010 Site: MW01-10 Date Sampled: 5/27/10 Time: 14:30

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	607	mg/L	SM18 2320B	6/4/10	12:28	W JSS	N	

CLIENT: KAS, Inc.
PROJECT: 410040058 Middlebury Sunoco
REPORT DATE: 6/21/2010

WORK ORDER: **1005-06717**
DATE RECEIVED: 05/28/2010

010 Site: MW01-10 Date Sampled: 5/27/10 Time: 14:30

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Nitrate as N	0.59	mg/L	EPA 300.0	6/2/10	5:27	W KMB	A	E
Sulfate	47	mg/L	EPA 300.0	6/2/10		W CM	A	

011 Site: MW01-11 Date Sampled: 5/27/10 Time: 14:28

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	579	mg/L	SM18 2320B	6/4/10	12:28	W JSS	N	
Nitrate as N	4.7	mg/L	EPA 300.0	5/29/10	5:42	W KMB	A	
Sulfate	62	mg/L	EPA 300.0	5/29/10		W CM	A	

012 Site: MW02-13 Date Sampled: 5/27/10 Time: 15:40

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	508	mg/L	SM18 2320B	6/4/10	12:28	W JSS	N	
Nitrate as N	< 0.02	mg/L	EPA 300.0	5/28/10	16:23	W CM	A	
Sulfate	13	mg/L	EPA 300.0	5/28/10		W CM	A	

013 Site: MW05-18 Date Sampled: 5/27/10 Time: 15:05

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	703	mg/L	SM18 2320B	6/4/10	12:28	W JSS	N	
Nitrate as N	0.67	mg/L	EPA 300.0	5/29/10	6:23	W KMB	A	
Sulfate	89	mg/L	EPA 300.0	5/29/10		W CM	A	

014 Site: MW05-19 Date Sampled: 5/27/10 Time: 15:10

Parameter	Result	Units	Method	Analysis Date		Lab/Tech	NELAC	Qual.
Alkalinity, as CaCO3	732	mg/L	SM18 2320B	6/4/10	12:28	W JSS	N	
Nitrate as N	< 0.20	mg/L	EPA 300.0	5/29/10	6:43	W KMB	A	
Sulfate	60	mg/L	EPA 300.0	5/29/10		W CM	A	

Laboratory Report

CLIENT: KAS, Inc.
PROJECT: 410040058 Middlebury Sunoco
REPORT DATE: 6/21/2010

WORK ORDER: **1005-06717**
DATE RECEIVED: 05/28/2010

TEST METHOD: EPA 8260B

001 Site: MW-1 Sampled: 5/27/10 12:10 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	184	ug/L	A		Benzene	< 2.0	ug/L	A	
Toluene	< 2.0	ug/L	A		Ethylbenzene	< 2.0	ug/L	A	
Xylenes, Total	< 4.0	ug/L	A		1,3,5-Trimethylbenzene	< 2.0	ug/L	A	
1,2,4-Trimethylbenzene	< 2.0	ug/L	A		Naphthalene	< 4.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	100	%	A		Surr. 2 (Toluene d8)	99	%	A	
Surr. 3 (4-Bromofluorobenzene)	98	%	A		Unidentified Peaks	> 10		U	

TEST METHOD: EPA 8260B

002 Site: MW-2 Sampled: 5/27/10 12:12 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	6.9	ug/L	A		Benzene	13.8	ug/L	A	
Toluene	< 1.0	ug/L	A		Ethylbenzene	11.0	ug/L	A	
Xylenes, Total	12.0	ug/L	A		1,3,5-Trimethylbenzene	< 1.0	ug/L	A	
1,2,4-Trimethylbenzene	7.4	ug/L	A		Naphthalene	2.1	ug/L	A	
Surr. 1 (Dibromofluoromethane)	101	%	A		Surr. 3 (4-Bromofluorobenzene)	100	%	A	
Surr. 2 (Toluene d8)	100	%	A		Unidentified Peaks	> 10		U	

TEST METHOD: EPA 8260B

003 Site: MW-3 Sampled: 5/27/10 12:40 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	1,500	ug/L	A		Benzene	< 20.0	ug/L	A	
Toluene	< 20.0	ug/L	A		Ethylbenzene	< 20.0	ug/L	A	
Xylenes, Total	< 40.0	ug/L	A		1,3,5-Trimethylbenzene	< 20.0	ug/L	A	
1,2,4-Trimethylbenzene	< 20.0	ug/L	A		Naphthalene	< 40.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	101	%	A		Surr. 2 (Toluene d8)	100	%	A	
Surr. 3 (4-Bromofluorobenzene)	96	%	A		Unidentified Peaks	3		U	

TEST METHOD: EPA 8260B

004 Site: MW-4 Sampled: 5/27/10 12:40 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	1,450	ug/L	A		Benzene	2,210	ug/L	A	
Toluene	1,020	ug/L	A		Ethylbenzene	2,530	ug/L	A	
Xylenes, Total	6,480	ug/L	A		1,3,5-Trimethylbenzene	467	ug/L	A	
1,2,4-Trimethylbenzene	1,780	ug/L	A		Naphthalene	574	ug/L	A	
Surr. 1 (Dibromofluoromethane)	98	%	A		Surr. 3 (4-Bromofluorobenzene)	100	%	A	
Surr. 2 (Toluene d8)	99	%	A		Unidentified Peaks	> 10		U	

TEST METHOD: EPA 8260B

005 Site: MW-5 Sampled: 5/27/10 13:20 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	35,700	ug/L	A		Benzene	2,290	ug/L	A	
Toluene	390	ug/L	A		Ethylbenzene	554	ug/L	A	
Xylenes, Total	1,390	ug/L	A		1,3,5-Trimethylbenzene	< 200	ug/L	A	
1,2,4-Trimethylbenzene	428	ug/L	A		Naphthalene	< 400	ug/L	A	
Surr. 1 (Dibromofluoromethane)	102	%	A		Surr. 3 (4-Bromofluorobenzene)	98	%	A	
Surr. 2 (Toluene d8)	99	%	A		Unidentified Peaks	> 10		U	

CLIENT: KAS, Inc.
PROJECT: 410040058 Middlebury Sunoco
REPORT DATE: 6/21/2010

WORK ORDER: **1005-06717**
DATE RECEIVED: 05/28/2010

TEST METHOD: EPA 8260B

007 Site: MW-6 Sampled: 5/27/10 13:15 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	7,510	ug/L	A		Benzene	343	ug/L	A	
Toluene	< 50.0	ug/L	A		Ethylbenzene	318	ug/L	A	
Xylenes, Total	130	ug/L	A		1,3,5-Trimethylbenzene	< 50.0	ug/L	A	
1,2,4-Trimethylbenzene	136	ug/L	A		Naphthalene	< 100	ug/L	A	
Surr. 1 (Dibromofluoromethane)	102	%	A		Surr. 2 (Toluene d8)	99	%	A	
Surr. 3 (4-Bromofluorobenzene)	97	%	A		Unidentified Peaks	> 10		U	

TEST METHOD: EPA 8260B

008 Site: MW-7 Sampled: 5/27/10 13:50 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	308	ug/L	A		Benzene	< 2.0	ug/L	A	
Toluene	< 2.0	ug/L	A		Ethylbenzene	< 2.0	ug/L	A	
Xylenes, Total	< 4.0	ug/L	A		1,3,5-Trimethylbenzene	< 2.0	ug/L	A	
1,2,4-Trimethylbenzene	< 2.0	ug/L	A		Naphthalene	< 4.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	105	%	A		Surr. 3 (4-Bromofluorobenzene)	97	%	A	
Surr. 2 (Toluene d8)	99	%	A		Unidentified Peaks	1		U	

TEST METHOD: EPA 8260B

009 Site: MW01-9 Sampled: 5/27/10 13:55 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	123	ug/L	A		Benzene	< 1.0	ug/L	A	
Toluene	< 1.0	ug/L	A		Ethylbenzene	< 1.0	ug/L	A	
Xylenes, Total	< 2.0	ug/L	A		1,3,5-Trimethylbenzene	< 1.0	ug/L	A	
1,2,4-Trimethylbenzene	< 1.0	ug/L	A		Naphthalene	< 2.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	105	%	A		Surr. 3 (4-Bromofluorobenzene)	98	%	A	
Surr. 2 (Toluene d8)	100	%	A		Unidentified Peaks	0		U	

TEST METHOD: EPA 8260B

010 Site: MW01-10 Sampled: 5/27/10 14:30 Test Date: 6/3/10 W DAW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	1,770	ug/L	A		Benzene	< 5.0	ug/L	A	
Toluene	< 5.0	ug/L	A		Ethylbenzene	< 5.0	ug/L	A	
Xylenes, Total	< 10.0	ug/L	A		1,3,5-Trimethylbenzene	< 5.0	ug/L	A	
1,2,4-Trimethylbenzene	< 5.0	ug/L	A		Naphthalene	< 10.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	102	%	A		Surr. 3 (4-Bromofluorobenzene)	99	%	A	
Surr. 2 (Toluene d8)	101	%	A		Unidentified Peaks	0		U	

TEST METHOD: EPA 8260B

011 Site: MW01-11 Sampled: 5/27/10 14:28 Test Date: 6/7/10 W DAW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	2,050	ug/L	A		Benzene	< 10.0	ug/L	A	
Toluene	< 10.0	ug/L	A		Ethylbenzene	< 10.0	ug/L	A	
Xylenes, Total	< 20.0	ug/L	A		1,3,5-Trimethylbenzene	< 10.0	ug/L	A	
1,2,4-Trimethylbenzene	< 10.0	ug/L	A		Naphthalene	< 20.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	101	%	A		Surr. 3 (4-Bromofluorobenzene)	99	%	A	
Surr. 2 (Toluene d8)	101	%	A		Unidentified Peaks	0		U	

CLIENT: KAS, Inc.
PROJECT: 410040058 Middlebury Sunoco
REPORT DATE: 6/21/2010

WORK ORDER: **1005-06717**
DATE RECEIVED: 05/28/2010

TEST METHOD: EPA 8260B

012 Site: MW02-13 Sampled: 5/27/10 15:40 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	59.8	ug/L	A		Benzene	3.8	ug/L	A	
Toluene	< 1.0	ug/L	A		Ethylbenzene	< 1.0	ug/L	A	
Xylenes, Total	< 2.0	ug/L	A		1,3,5-Trimethylbenzene	< 1.0	ug/L	A	
1,2,4-Trimethylbenzene	< 1.0	ug/L	A		Naphthalene	< 2.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	103	%	A		Surr. 3 (4-Bromofluorobenzene)	99	%	A	
Surr. 2 (Toluene d8)	101	%	A		Unidentified Peaks	> 10		U	

TEST METHOD: EPA 8260B

013 Site: MW05-18 Sampled: 5/27/10 15:05 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	< 2.0	ug/L	A		Benzene	< 1.0	ug/L	A	
Toluene	< 1.0	ug/L	A		Ethylbenzene	< 1.0	ug/L	A	
Xylenes, Total	< 2.0	ug/L	A		1,3,5-Trimethylbenzene	< 1.0	ug/L	A	
1,2,4-Trimethylbenzene	< 1.0	ug/L	A		Naphthalene	< 2.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	107	%	A		Surr. 2 (Toluene d8)	101	%	A	
Surr. 3 (4-Bromofluorobenzene)	98	%	A		Unidentified Peaks	0		U	

TEST METHOD: EPA 8260B

014 Site: MW05-19 Sampled: 5/27/10 15:10 Test Date: 6/7/10 W DAW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	15.2	ug/L	A		Benzene	< 2.0	ug/L	A	
1,2-Dichloroethane	3.1	ug/L	A		Toluene	< 2.0	ug/L	A	
1,2-Dibromoethane	< 2.0	ug/L	N		Ethylbenzene	< 2.0	ug/L	A	
Xylenes, Total	< 4.0	ug/L	A		1,3,5-Trimethylbenzene	< 2.0	ug/L	A	
1,2,4-Trimethylbenzene	< 2.0	ug/L	A		Naphthalene	< 4.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	98	%	A		Surr. 3 (4-Bromofluorobenzene)	97	%	A	
Surr. 2 (Toluene d8)	99	%	A		Unidentified Peaks	1		U	

TEST METHOD: EPA 8260B

015 Site: Duplicate MW-1 Sampled: 5/27/10 12:10 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	192	ug/L	A		Benzene	< 2.0	ug/L	A	
Toluene	< 2.0	ug/L	A		Ethylbenzene	< 2.0	ug/L	A	
Xylenes, Total	< 4.0	ug/L	A		1,3,5-Trimethylbenzene	< 2.0	ug/L	A	
1,2,4-Trimethylbenzene	< 2.0	ug/L	A		Naphthalene	< 4.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	103	%	A		Surr. 3 (4-Bromofluorobenzene)	99	%	A	
Surr. 2 (Toluene d8)	98	%	A		Unidentified Peaks	> 10		U	

TEST METHOD: EPA 8260B

016 Site: Trip Blank Sampled: 5/27/10 8:30 Test Date: 6/3/10 W MMW

Parameter	Result	Unit	Nelac	Qual	Parameter	Result	Unit	Nelac	Qual
Methyl-t-butyl ether (MTBE)	< 2.0	ug/L	A		Benzene	< 1.0	ug/L	A	
Toluene	< 1.0	ug/L	A		Ethylbenzene	< 1.0	ug/L	A	
Xylenes, Total	< 2.0	ug/L	A		1,3,5-Trimethylbenzene	< 1.0	ug/L	A	
1,2,4-Trimethylbenzene	< 1.0	ug/L	A		Naphthalene	< 2.0	ug/L	A	
Surr. 1 (Dibromofluoromethane)	102	%	A		Surr. 2 (Toluene d8)	100	%	A	
Surr. 3 (4-Bromofluorobenzene)	99	%	A		Unidentified Peaks	0		U	

Report Summary of Qualifiers and Notes

E: Sample was analyzed past EPA specified holding time.

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

44605

Special Reporting Instructions/PO#:

Project Name: Middle Bury Sunoco # 410040058	Client/Contact Name: KAS INC	Sampler Name: DM/KB
State of Origin: VT X NY __ NH __ Other __	Phone #: 802 383 0486	Phone #: 802-383-0486
Endyne WO # 1005-06717	Mailing Address: PO BOX 787 Williston Vt	Billing Address: KAS INC.

Sample Location	Matrix	GRAB	COMP	Date/Time Sampled	Sample Containers No.	Sample Containers Type/Size	Sample Preservation	Analysis Required	FieldResults/Remarks	Due Date
MW-1	H_2O	X		5-27-10 1210	2	40ml	HCL	19		
MW-2				1212						
MW-3				1240						
MW-4				1240 ~~1300~~						
MW-5				1320 ~~1315~~						
MW-6				1315 ~~1350~~						
MW-7				1350 ~~1355~~						
MW01-9				1355 ~~1430~~						
MW01-10				1430 ~~1428~~						
MW01-11				1428 ~~1505~~						

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
Dwyn McGill	5-27-10 18:20	John M Lane	5/28/10 10:30	Eleanor Toomey	5/28/10 10:45

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH Only
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	8081 Pest
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	8082 PCB
4	Nitrite N	9	BOD	14	Turbidity	19	VT PCF	24	8260B	29	PP13 Metals
5	Nitrate N	10	Alkalinity	15	Conductivity	20	VOC Halocarbons	25	8270 B/N or Acid	30	Total RCRA8
31	Metals (Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, U, V, Zn										
32	TCLP (volatiles, semi-volatiles, metals, pesticides, herbicides)					33	Other				
34	Corrosivity	35	Ignitability	36	Reactivity	37	Other				
38	Other										

LAB USE ONLY
Delivery: Client
Temp: 2.0
Comment:

(White - Laboratory / Yellow - Client)

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

44610

Special Reporting Instructions/PO#:

Project Name: MIDDIEBURY SUNOCO # 410010058	Client/Contact Name: KAS INC	Sampler Name: DM RB
State of Origin: VT X NY __ NH __ Other __	Phone #: 802 383 0486	Phone #: 802 383 0486
Endyne WO # 100506717	Mailing Address: PO BOX 787 Williston VT	Billing Address: KAS INC

Sample Location	Matrix	GRAB	COMP	Date/Time Sampled	Sample Containers No.	Sample Containers Type/Size	Sample Preservation	Analysis Required	FieldResults/Remarks	Due Date
MW-1	H2O	X		5-27-10 1210	1	16oz	None	10, 14, 16		
MW-2				1212						
MW-3				1240						
MW-4				1240						
MW-5				1320						
MW-6				1315						
MW-7				1350						
MW01-9				1355						
MW01-10				1430						
MW01-11				1428						

Analysis required is nitrate not turbidity. as per AE. 6/16. mlf

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
Doug McGill	5-27-10 1820	John McTure	5/28/10 1030	Eileen Toomey	5/28/10 10:45

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH Only
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	8081 Pest
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	8082 PCB
4	Nitrite N	9	BOD	14	Turbidity	19	VT PCF	24	8260B	29	PP13 Metals
5	Nitrate N	10	Alkalinity	15	Conductivity	20	VOC Halocarbons	25	8270 B/N or Acid	30	Total RCRA8
31	Metals (Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, U, V, Zn										
32	TCLP (volatiles, semi-volatiles, metals, pesticides, herbicides)					33	Other				
34	Corrosivity	35	Ignitability	36	Reactivity	37	Other				
38	Other										

LAB USE ONLY
Delivery: Client
Temp: 2.0
Comment:

(White - Laboratory / Yellow - Client)

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

44609

Special Reporting Instructions/PO#:

Project Name: Middlebury Sunoco # 410040058	Client/Contact Name: KAS INC	Sampler Name: DM RB
State of Origin: VT X NY __ NH __ Other __	Phone #: 802 383 0486	Phone #: 802 383 0486
Endyne WO # 1005-06717	Mailing Address: PO BOX 787 Williston Vt	Billing Address: KAS INC

Sample Location	Matrix	GRAB	COMP	Date/Time Sampled	Sample Containers No.	Type/Size	Sample Preservation	Analysis Required	FieldResults/Remarks	Due Date
MW02-13	H_2O	X		5-27-10	2	40ml	HCL	19		
MW02-13	H_2O	X		5-27-10	1	16oz	None	10,4,16		
				15:40						
				per bottle						

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
Dwyer McCall	5-27-10 1800	John M Turner	5/28/10 10:30	Eleen Toomey	5/28/10 10:45

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH Only
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	8081 Pest
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	8082 PCB
4	Nitrite N	9	BOD	14	Turbidity	19	VT PCF	24	8260B	29	PP13 Metals
5	Nitrate N	10	Alkalinity	15	Conductivity	20	VOC Halocarbons	25	8270 B/N or Acid	30	Total RCRA8
31	Metals (Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, U, V, Zn										
32	TCLP (volatiles, semi-volatiles, metals, pesticides, herbicides)					33	Other				
34	Corrosivity	35	Ignitability	36	Reactivity	37	Other				
38	Other										

LAB USE ONLY
Delivery: Client
Temp: 20
Comment:

(White - Laboratory / Yellow - Client)

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

44612

Special Reporting Instructions/PO#:

Project Name: MIDDLEBURY SUNOCO #41004 0058	Client/Contact Name: KAS INC.	Sampler Name: DM/RB
State of Origin: VT X NY __ NH __ Other __	Phone #: 802 383 0486	Phone #: 802 383 0486
Endyne WO # 1005-06717	Mailing Address: PO Box 787 Williston Vt	Billing Address: KAS INC

Sample Location	Matrix	GRAB	COMP	Date/Time Sampled	Sample Containers No.	Sample Containers Type/Size	Sample Preservation	Analysis Required	FieldResults/Remarks	Due Date
MW05-18	H_2O	X		5-27-10 1505	1	16oz	NONE	10,14,16		
MW05-19	↓	↓		1510	1	↓	↓	↓		

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
Dwayne Mc. II	5-27-10 1820	John M Turner	5/28/10 10:30	Ellen Toomey	5/28/10 10:45

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH Only
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	8081 Pest
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	8082 PCB
4	Nitrite N	9	BOD	14	Turbidity	19	VT PCF	24	8260B	29	PP13 Metals
5	Nitrate N	10	Alkalinity	15	Conductivity	20	VOC Halocarbons	25	8270 B/N or Acid	30	Total RCRA8
31	Metals (Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, U, V, Zn										
32	TCLP (volatiles, semi-volatiles, metals, pesticides, herbicides)					33	Other				
34	Corrosivity	35	Ignitability	36	Reactivity	37	Other				
38	Other										

LAB USE ONLY
Delivery: Client
Temp: 20
Comment:

(White - Laboratory / Yellow - Client)

ENDYNE, INC.
160 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY-RECORD

44611

Special Reporting Instructions/PO#:

Project Name: MIDDLE BURY SUNOCO #410040058	Client/Contact Name: KAS INC	Sampler Name: DM/RB
State of Origin: VT X NY __ NH __ Other __	Phone #: 802-383-0486	Phone #: 802 383 0486
Endyne WO # 1005-06717	Mailing Address: PO BOX 787 Williston VT	Billing Address: KAS INC

Sample Location	Matrix	GRAB	COMP	Date/Time Sampled	Sample Containers No.	Sample Containers Type/Size	Sample Preservation	Analysis Required	FieldResults/Remarks	Due Date
MW05-18	H_2O	X		5-27-10 1505	2	40ml	HCL	19		
MW05-19	↓	↓		1510	↓	↓		19, Lead Scavengers		
Duplicate MW-1	↓	↓		1210	↓	↓		19		
Trip Blank	↓	↓		830	↓	↓		19		

Relinquished by:	Date/Time	Received by:	Date/Time	Received by:	Date/Time
Douglas Dunkel	5-27-10 15:20	John M Turk	5/28/10 10:30	Eileen Toomey	5/28/10 10:45

1	pH	6	TKN	11	Total Solids	16	Sulfate	21	1664 TPH/FOG	26	8270 PAH Only
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	8015 GRO	27	8081 Pest
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	8015 DRO	28	8082 PCB
4	Nitrite N	9	BOD	14	Turbidity	19	VT PCF	24	8260B	29	PP13 Metals
5	Nitrate N	10	Alkalinity	15	Conductivity	20	VOC Halocarbons	25	8270 B/N or Acid	30	Total RCRA8
31	Metals (Total, Diss.) Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Tl, U, V, Zn										
32	TCLP (volatiles, semi-volatiles, metals, pesticides, herbicides)					33	Other				
34	Corrosivity	35	Ignitability	36	Reactivity	37	Other				
38	Other										

LAB USE ONLY
Delivery: Client
Temp: 2.0
Comment:

(White - Laboratory / Yellow - Client)

APPENDIX E

Dissolved Oxygen Data

Middlebury Sunoco
Middlebury, Vermont
Page 1 of 3

DO Field Measurements									
DO Readings (mg/L) Date:	10/13/05	3/8/07	4/10/07	5/11/07	6/12/2007	7/11/2007	8/7/2007	9/5/2007	10/1/2007
MW-1	0.29	2.97	4.25	2.72	2.98	1.68	1.69	2.23	1.72
MW-2	0.38	2.71	5.26	2.49	2.71	1.15	0.97	1.89	1.31
MW-3	0.23	2.01	4.81	2.48	2.52	1.72	1.18	1.86	1.89
MW-4	0.17	1.82	4.24	2.35	2.15	1.72	1.26	2.01	1.82
MW-5	0.30	5.19	5.02	2.60	2.97	1.64	1.51	1.80	1.70
MW-6	0.34	2.15	NM	2.26	NM	1.84	1.18	NM	NM
MW-7	2.08	2.89	7.41	2.33	2.61	1.89	1.68	2.13	3.00
MW01-8	NM	NM	NM	5.91	NM	NM	5.79	NM	NM
MW01-9	1.83	2.93	5.81	2.48	2.62	1.71	2.27	3.00	2.08
MW01-10	0.34	NM	5.71	2.33	3.10	1.60	4.01	2.15	1.98
MW01-11	0.14	3.11	5.55	4.65	3.05	4.28	4.66	2.01	2.01
MW05-18	3.91	3.24	NM	2.60	NM	NM	2.90	NM	NM
MW05-19	0.56	NM	NM	2.71	NM	NM	2.88	NM	NM
MW02-12	NM	NM	NM	2.61	NM	NM	NM	NM	NM
MW02-13	NM	NM	NM	2.54	NM	NM	NM	NM	NM
MW02-14	NM	NM	NM	2.40	NM	NM	NM	NM	NM
MW02-15	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW03-16	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW03-17	NM	NM	NM	5.81	NM	NM	NM	NM	NM
IMW-1	NI	NM	46.45	NM	18.27	42.24	37.12	37.97	42.72
IMW-2	NI	48.58	52.88	NM	22.14	46.14	45.02	41.92	43.92
IMW-3	NI	54.22	54.05	>60	49.23	46.15	42.67	40.25	43.12
IMW-4	NI	49.74	53.01	>60	47.82	44.07	40.33	39.33	40.29
IMW-5	NI	54.4	58.58	>60	52.96	46.71	44.11	41.68	44.08
IMW-6	NI	55.11	54.27	>60	40.43	36.02	27.36	41.75	34.29

DO Field Measurements									
DO Readings (mg/L) Date:	10/30/07	11/29/07	1/7/08	2/19/2008	3/11/2008	4/11/2008	5/15/2008	6/11/2008	7/10/2008
MW-1	0.30	1.02	0.83	0.86	1.08	NM	0.10	0.10	0.21
MW-2	0.35	1.22	1.26	0.82	1.60	NM	0.09	0.05	0.34
MW-3	0.50	1.34	0.59	0.00	8.02	NM	0.10	0.13	0.20
MW-4	0.32	1.03	0.62	0.09	0.55	NM	0.14	0.15	0.22
MW-5	NM	1.17	0.65	1.1	1.10	NM	0.11	0.22	0.28
MW-6	NM	1.12	0.61	0.4	1.31	NM	0.45	0.14	0.23
MW-7	NM	5.27	2.03	4.91	2.00	NM	3.03	0.14	0.17
MW01-8	NM	9.94	NM	NM	NM	NM	1.32	NM	NM
MW01-9	2.54	2.91	1.38	2.19	3.70	NM	0.10	1.08	0.33
MW01-10	6.30	8.14	1.81	11.70	3.85	NM	0.07	0.21	7.33
MW01-11	5.37	6.13	1.57	8.92	10.02	NM	0.39	0.82	5.10
MW05-18	NM	1.45	NM	1.37	NM	NM	0.14	NM	NM
MW05-19	NM	1.36	NM	9.31	NM	NM	0.12	NM	NM
MW02-12	NM	1.45	NM	NM	NM	NM	0.06	NM	NM
MW02-13	NM	1.20	NM	NM	NM	NM	0.14	NM	NM
MW02-14	NM	1.49	NM	NM	NM	NM	0.52	NM	NM
MW02-15	NM	1.27	NM	NM	NM	NM	0.12	NM	NM
MW03-16	NM	7.49	NM	NM	NM	NM	NM	NM	NM
MW03-17	NM	8.90	NM	NM	NM	NM	4.08	NM	NM
IMW-1	25.42	10.35	0.61	NM	NM	NM	Over	>60	4.25
IMW-2	39.35	20.16	1.35	NM	NM	NM	53.96	44.79	3.80
IMW-3	36.86	Over	14.33	Over	NM	NM	4.70	38.61	5.13
IMW-4	18.10	1.18	0.57	Over	27.00	NM	0.07	36.30	14.97
IMW-5	30.99	Over	13.17	55.22	Over	NM	Over	>60	52.67
IMW-6	31.41	Over	12.10	Over	Over	NM	Over	45.58	40.24

NOTES:
1. Measurements recorded in mg/L
2. NI = not installed
3. NM = not measured
4. DO meter malfunction on 4/11/08. Unable to obtain DO readings

Middlebury Sunoco
Middlebury, Vermont
Page 2 of 3

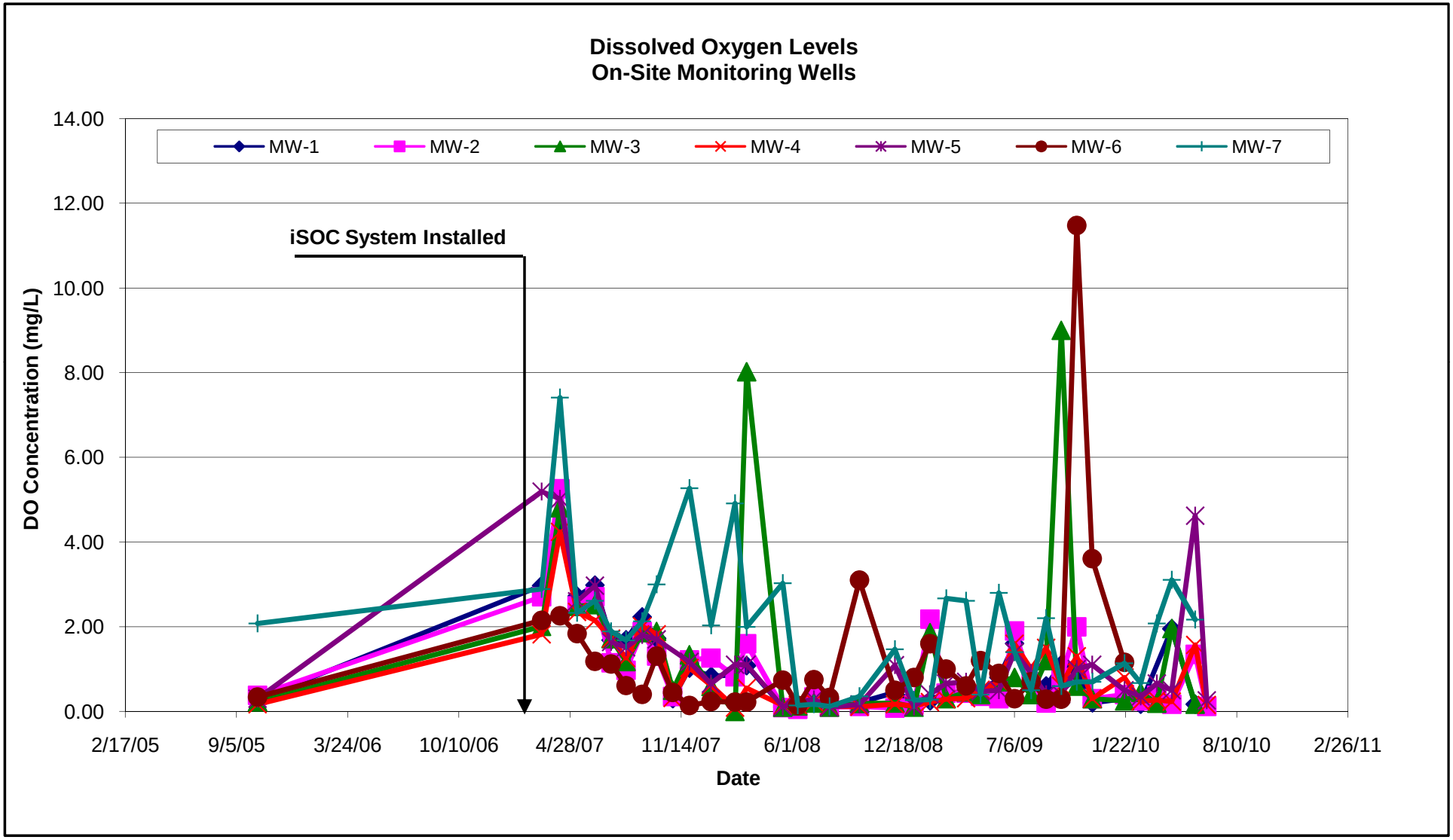
DO Field Measurements									
DO Readings (mg/L) Date:	8/7/2008	9/30/08	12/3/08	1/6/2009	2/4/2009	3/5/2009	4/10/2009	5/6/2009	6/8/2009
MW-1	0.12	0.21	0.45	NM	0.25	0.25	0.47	0.43	0.40
MW-2	0.10	0.12	0.08	0.16	2.18	0.43	0.43	0.36	0.30
MW-3	0.10	0.19	0.20	0.10	1.86	NM	0.30	0.46	0.40
MW-4	0.12	0.11	0.17	0.13	0.22	0.29	0.31	0.51	0.70
MW-5	0.10	0.16	1.09	0.11	0.40	0.66	0.70	0.47	0.50
MW-6	0.22	0.22	0.74	0.14	0.75	0.33	3.10	0.50	0.80
MW-7	0.12	0.36	1.47	NM	0.27	0.28	2.67	2.61	0.40
MW01-8	1.43	NM	6.18	NM	3.58	NM	NM	8.28	NM
MW01-9	0.14	0.23	0.13	0.20	0.42	0.26	0.55	0.36	0.50
MW01-10	4.06	0.20	0.42	0.13	0.29	0.25	8.21	0.66	0.60
MW01-11	4.70	0.37	0.62	0.10	0.18	0.20	4.17	0.42	0.70
MW05-18	0.11	NM	0.75	NM	1.57	NM	NM	0.96	NM
MW05-19	0.14	NM	0.16	NM	0.31	NM	NM	0.46	NM
MW02-12	NM	NM	0.07	NM	NM	NM	NM	0.47	NM
MW02-13	NM	NM	0.43	NM	NM	NM	NM	0.46	NM
MW02-14	NM	NM	0.49	NM	NM	NM	NM	4.21	NM
MW02-15	NM	NM	0.06	NM	NM	NM	NM	0.36	NM
MW03-16	NM	NM	NM	NM	NM	NM	NM	1.50	NM
MW03-17	NM	NM	5.12	NM	NM	NM	NM	4.56	NM
IMW-1	3.65	43.54	23.46	30.03	54.75	NM	55.76	46.10	46.10
IMW-2	1.05	4.96	24.78	23.00	Over	NM	46.18	47.96	45.60
IMW-3	1.79	44.63	43.45	49.75	Over	45.45	37.74	49.08	47.00
IMW-4	0.11	44.23	44.71	52.33	13.75	46.45	48.02	56.54	47.50
IMW-5	48.50	42.83	42.52	51.51	44.22	46.58	54.40	50.44	50.30
IMW-6	25.51	30.26	37.50	52.86	64.90	46.86	50.08	32.51	16.00

DO Field Measurements									
DO Readings (mg/L) Date:	7/6/2009	8/5/09	9/1/09	9/28/2009	10/26/2009	11/23/2009	12/24/2009	1/20/2010	2/18/2010
MW-1	0.8	1.6	0.6	0.6	1.1	0.9	NM	0.20	0.30
MW-2	1.9	0.7	0.2	0.8	2.0	0.3	NM	0.40	0.25
MW-3	0.7	0.8	0.4	1.2	9.0	0.6	NM	0.30	0.25
MW-4	1.6	1.0	1.5	0.6	1.3	0.3	NM	0.80	0.24
MW-5	1.4	0.9	0.4	0.4	1.0	1.1	NM	0.50	0.35
MW-6	1.6	1.0	0.6	1.2	0.9	0.3	NM	0.70	0.29
MW-7	2.8	1.4	0.5	2.2	0.6	0.7	NM	0.70	1.14
MW01-8	NM	8.4	NM	NM	NM	7.5	NM	NM	NM
MW01-9	4.4	1.5	0.9	2.1	0.6	0.4	NM	0.40	0.39
MW01-10	4.4	3.0	3.4	2.6	2.6	4.0	NM	NM	0.34
MW01-11	5.0	1.7	1.4	0.9	1.6	4.3	NM	NM	0.32
MW05-18	NM	3.8	NM	NM	NM	0.7	NM	NM	NM
MW05-19	NM	4.0	NM	NM	NM	0.5	NM	NM	NM
MW02-12	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW02-13	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW02-14	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW02-15	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW03-16	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW03-17	NM	NM	NM	NM	NM	NM	NM	NM	NM
IMW-1	4.3	25.2	21.5	18.2	13.0	22.3	NM	Over	Over
IMW-2	6.8	32.2	21.1	23.1	75.0	11.6	NM	Over	55.17
IMW-3	8.5	43.0	40.3	21.8	26.1	15.4	NM	NM	Over
IMW-4	29.9	41.2	36.1	23.9	18.0	35.3	NM	55.3	Over
IMW-5	41.7	47.4	16.2	17.1	14.4	25.8	NM	49.7	0.27
IMW-6	17.7	5.7	2.6	1.0	6.0	8.3	NM	4.3	0.24

Middlebury Sunoco
Middlebury, Vermont
Page 3 of 3

DO Field Measurements									
DO Readings (mg/L) *Date:*	3/19/2010	4/15/10	5/27/10	6/17/2010					
MW-1	NM	0.17	1.95	0.17					
MW-2	0.38	0.17	1.35	0.12					
MW-3	0.45	0.20	1.96	0.17					
MW-4	0.27	0.23	1.57	0.15					
MW-5	0.66	0.50	4.62	0.26					
MW-6	0.29	11.48	3.61	1.16					
MW-7	0.67	2.08	3.11	2.17					
MW01-8	NM	NM	NM	NM					
MW01-9	0.70	0.40	3.65	0.17					
MW01-10	0.30	7.26	2.84	1.19					
MW01-11	0.39	0.17	1.44	0.17					
MW05-18	NM	NM	3.07	NM					
MW05-19	NM	NM	2.56	NM					
MW02-12	NM	NM	NM	NM					
MW02-13	NM	NM	1.48	NM					
MW02-14	NM	NM	NM	NM					
MW02-15	NM	NM	NM	NM					
MW03-16	NM	NM	NM	NM					
MW03-17	NM	NM	NM	NM					
IMW-1	54.34	Over	NM	460.2					
IMW-2	52.32	Over	NM	26.06					
IMW-3	Over	Over	NM	Over					
IMW-4	Over	Over	NM	Over					
IMW-5	6.17	Over	NM	Over					
IMW-6	27.39	Over	NM	Over					

NOTES:
1. Measurements recorded in mg/L
2. NI = not installed
3. NM = not measured
4. DO meter malfunction on12/24/09. Unable to obtain DO readings


Dissolved Oxygen Levels
On-Site Monitoring Wells
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
iSOC System Installed
DO Concentration (mg/L)
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
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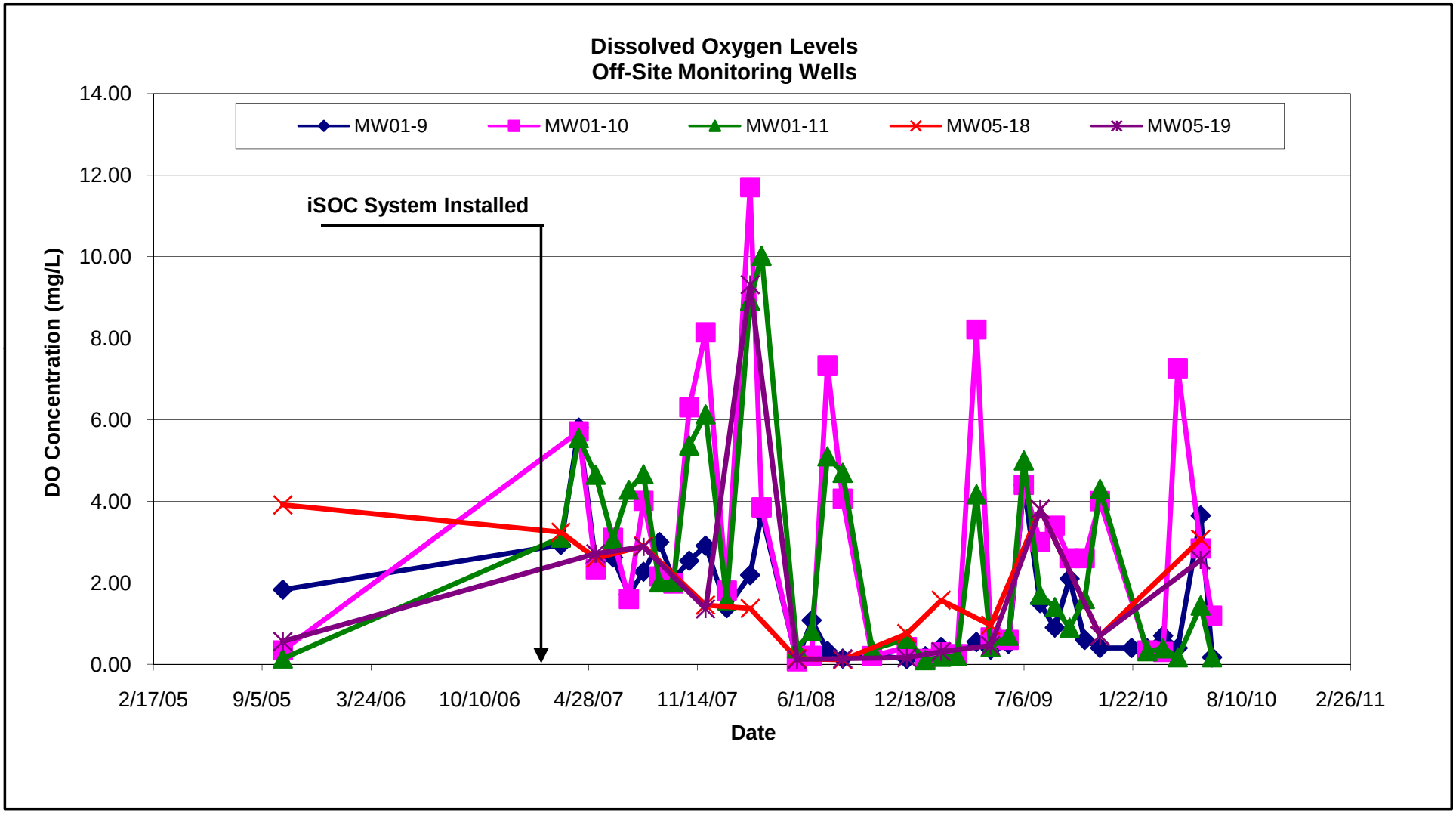
8/10/10
2/26/11
Date


Dissolved Oxygen Levels
Off-Site Monitoring Wells
MW01-9
MW01-10
MW01-11
MW05-18
MW05-19
iSOC System Installed
DO Concentration (mg/L)
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
2/17/05
9/5/05
3/24/06
10/10/06
4/28/07
11/14/07
6/1/08
12/18/08
7/6/09
1/22/10
8/10/10
2/26/11
Date