



October 3, 2014

Mr. Forest Arnold
Maryland Department of the Environment
Oil Control Program
1800 Washington Blvd.
Baltimore, MD 21230

**Re: Draft Corrective Action Implementation Summary Report
Former Shell Service Station #137675
15541 New Hampshire Avenue, Silver Spring, MD
MDE Case # 03-0695MO1**

Dear Mr. Arnold:

On behalf of Motiva Enterprises LLC (Motiva), URS Corporation (URS) is submitting this draft of the Corrective Action Implementation Summary Report for the above referenced site for review by the Maryland Department of the Environment (MDE). This report summarizes the implementation of the site corrective action through the end of the second quarter 2014.

If you have any questions regarding the Draft Report or require additional information, please do not hesitate to contact Ms. Pam Tetarenko, Motiva, at 281.460.7182 or the undersigned at 301.820.3000.

Sincerely,
URS CORPORATION

Jenna Anthony
Site Manager

Adriane M. Rogers
Project Manager

Attachment

Cc: Pam Tetarenko – Motiva Enterprises, LLC
Forest Arnold - MDE (2 additional copies w/CD)

URS Corporation
12420 Milestone Center Drive, Suite 150
Germantown, MD 20876
Tel: 301-820-3000
Fax: 301-820-3009

CORRECTIVE ACTION IMPLEMENTATION SUMMARY REPORT

FORMER SHELL SERVICE STATION #137675
15541 NEW HAMPSHIRE AVE.
SILVER SPRING, MD
MDE CASE #03-0695 MO1

Prepared for

Motiva Enterprises LLC
1160 Rustling Wind Lane
League City, TX 77573

And

Maryland Department of the Environment
Oil Control Program
1800 Washington Blvd.
Baltimore, MD 21230

September 2014



URS Corporation
12420 Milestone Center Drive, Suite 150
Germantown, MD 20876
Phone (301) 820-3000

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Acronyms and Abbreviations

µg/L	micrograms per liter
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and xylenes
CAP	Corrective Action Plan
DPC	dissolved-phase concentration
DTW	depth to water
EQ	equalization
fbg	feet below ground
gpm	gallons per minute
GWSDAT	GroundWater Spatio-Temporal Data Analysis Tool
MDE	Maryland Department of the Environment
Motiva	Motiva Enterprises LLC
MTBE	methyl tertiary-butyl ether
RW	recovery well
system	offsite groundwater recovery system
URS	URS Corporation
USGS	U.S. Geological Survey
UST	underground storage tank

SECTION ONE: INTRODUCTION

In 2002, the Maryland Department of the Environment (MDE) opened and assigned Case #03-0695 MO1 to the former Shell Service Station #137675 (Site) during the removal of the onsite underground storage tank (UST) system. The location of the Site is 15541 New Hampshire Avenue, Silver Spring, Montgomery County, MD (see **Appendix A, Figures A-1 and A-2**).

The Site currently consists of a paved parking lot, a slab-on-grade building with a convenience store, two gasoline dispenser islands with an overhead canopy, and a gasoline UST field. The area across New Hampshire Avenue from the Site consists of the Faith Assembly of God Church, a wooded lot, and residences along Bryants Nursery Road. This area is referred to as “offsite.”

1.1 BACKGROUND

In 2006, monitoring from the offsite monitoring well MW-6D showed an increase in methyl tertiary-butyl ether (MTBE) concentration, which led to the discovery of 3.5-acre plume consisting primarily of MTBE that was located approximately 400 to 500 feet downgradient from the source. In 2010, the MDE approved a Corrective Action Plan (CAP) Addendum Work Plan to address the offsite plume. The corrective action that was proposed in the CAP Addendum consisted of installing an offsite groundwater recovery system on the property of the Faith Assembly of God Church and installing an offsite recovery well network that would span the width of the delineated MTBE plume and address the shallow and deep overburden zones.

There are three groundwater zones at the Site that have monitoring wells screened within each. The shallow overburden zone (S) has wells screened across the first encountered groundwater table, the deep overburden zone (D) has wells screened 10 feet above bedrock, and bedrock zone (R) has wells screened within the bedrock. The recovery wells are screened across both the shallow overburden zone and deep overburden zone. The Offsite Recovery Well Network was designed to intercept and treat constituents of concern and to inhibit downgradient migration of the MTBE plume toward downgradient receptors.

The offsite groundwater recovery system became operational on December 2, 2010, and has run almost continuously since then. Approximately 9,591,208 gallons of groundwater have been treated and approximately 127.33 pounds of MTBE have been recovered from start-up through the second quarter of 2014.

1.2 PURPOSE OF THE REPORT

The purpose of this report, the Corrective Action Implementation Summary Report for Former Shell Service Station #137675, is to summarize the operation of the offsite groundwater recovery system to date. As the report demonstrates, the system has been consistently operated, except for a two week period this year as explained below, and groundwater conditions are improving.

URS Corporation (URS) has prepared this document on behalf of Motiva Enterprises LLC (Motiva) as a follow-up to the June 16, 2014 meeting with MDE.

SECTION TWO: RECOVERY SYSTEM CONFIGURATION AND SITE MONITORING

The offsite groundwater recovery system (system), initialized in December 2010, is connected to six recovery wells (RWs) (RW-19A through RW-23 and RW-27) (see **Appendix A, Figures A-3 and A-4**). Recovery well RW-19 was turned off on January 18, 2013, and overdrilled to a larger diameter in an effort to increase groundwater recovery from this well. The original well was replaced by an 8-inch-diameter recovery well (RW-19A) that was installed in the same borehole as the previous 6-inch-diameter recovery well RW-19. Recovery well RW-19A began operation on February 18, 2013. The recovery rates before and after the re-installation of this recovery well are shown in Section 3.2, Figure 3-3. The re-installation efforts did not increase groundwater recovery from the well, demonstrating the aquifer productivity at RW-19A is inherently low.

Each recovery well is screened between 10 and 65 feet below ground surface (bgs) and is 6 inches in diameter with the exception of the 8-inch-diameter recovery well RW-19A. Each well contains an electric submersible pump that is designed to transfer fluids to the equalization (EQ) tank inside the offsite groundwater pump and treat system trailer. Each submersible pump operates on a pressure switch that can automatically control the pump operation based on the volume of water in the recovery well. The submersible pump automatically slows and stops as the elevation of the water table approaches the intake of the pump. As the water table rebounds, the submersible pump automatically turns on again. In addition, weekly operation and maintenance of the system is completed, where the system technician can adjust the pump controls, as needed, in an attempt to increase groundwater recovery.

Table 2-1 is a summary of the construction and submersible pump intake details of the six recovery wells.

Table 2-1. Recovery Well Construction and Pump Details

Well ID	Construction Completed	Diameter (in)	Depth (fbg)	Casing Interval (fbg)	Screen Interval (fbg)	DTW on 7/14/2014 (ft) *	Depth of Pump Intake (ft)
RW-19A	Jan. 22, 2013	8	49.5	0–10	9.5–49.5	15.75	32.63
RW-20	Oct. 29, 2010	6	52	0–10	10–50	11.98	31.99
RW-21	Nov. 1, 2010	6	50	0–10	10–50	9.31	29.66
RW-22	July 6, 2010	6	65	0–10	10–65	16.41	40.71
RW-23	Oct. 27, 2010	6	65	0–10	10–65	10.44	37.72
RW-27	March 7, 2012	6	50	0–10	10–50	10.23	30.12

DTW = depth to water ft = feet
 fbg = feet below ground in = inches

* Static water table under non-pumping conditions

Recovered groundwater accumulates in the EQ tank and is then pumped through two bag filters, an air stripper, two additional bag filters, and three 1,000-pound granular activated carbon vessels in series before discharging to the storm sewer (see **Appendix A, Figures A-5 through A-7**).

Recovery System Configuration and Site Monitoring

The system currently has two active permits, which are described in **Table 2-2**.

Table 2-2. Active Permits for the Offsite Groundwater Recovery System

Type of Permit	Permit Number	Date of Issue	Expiration
General Discharge	2010-OGR-32498 (MDG912498)	Nov. 1, 2013	Dec. 11, 2017
Water Appropriation	MO2009G004 (02)	Oct. 1, 2010	Oct. 1, 2016

In accordance with National Pollutant Discharge Elimination System (NPDES) General Discharge Permit Part IV.F and the Operations and Maintenance Manual developed for the System, the maintenance schedule listed in **Table 2-3** is followed:

Table 2-3. Maintenance Schedule for the Offsite Groundwater Recovery System

Frequency	Maintenance Actions
Every visit	<ul style="list-style-type: none"> • Visually inspect general items • Visually inspect general electrical items • Visually inspect oil water separator, holding tanks, and sumps • Visually inspect product recovery and storage systems • Visually inspect groundwater pumping systems • Visually inspect carbon systems for water treatment • Gauging of select former potable wells
Bimonthly	<ul style="list-style-type: none"> • Collect system samples from influent, mid-system 1, mid-system 2, mid-system 3, and effluent labeled points.
Monthly	<ul style="list-style-type: none"> • Check fire extinguisher • Change bag filter • Inspect recovery well pumps
Quarterly	<ul style="list-style-type: none"> • Sample groundwater • Perform critical equipment inspections • Detailed system operation manual inspection
Biannually	<ul style="list-style-type: none"> • Check resistance between liquid-phase granular activated carbon vessels (the vessels themselves) and ground rod (the rod itself) • Check pump float levels • Check oil water separator for levelness • Clean oil water separator • Clean air stripper • Check transfer pump flow balance
As needed	<ul style="list-style-type: none"> • Complete carbon change-out

SECTION THREE: RECOVERY SYSTEM OPERATION

Since operations of the system began in 2010, more than 9.5 million gallons of groundwater have been recovered and treated. The amount of the groundwater that has been treated and the visible decrease and stability of dissolved-phase concentrations (DPC) at the Site indicate that the operation is successful.

The total recovery, individual well recovery, DPC recovery, and system optimization are discussed in this section.

3.1 TOTAL RECOVERY

The system has shown a consistent upward trend in recovering groundwater for the purpose of treatment (see Appendix B, Table B-1) showing the system has been consistently operated. Figure 3-1 depicts the cumulative groundwater recovery and average groundwater recovery rate since the system began operation in 2010.

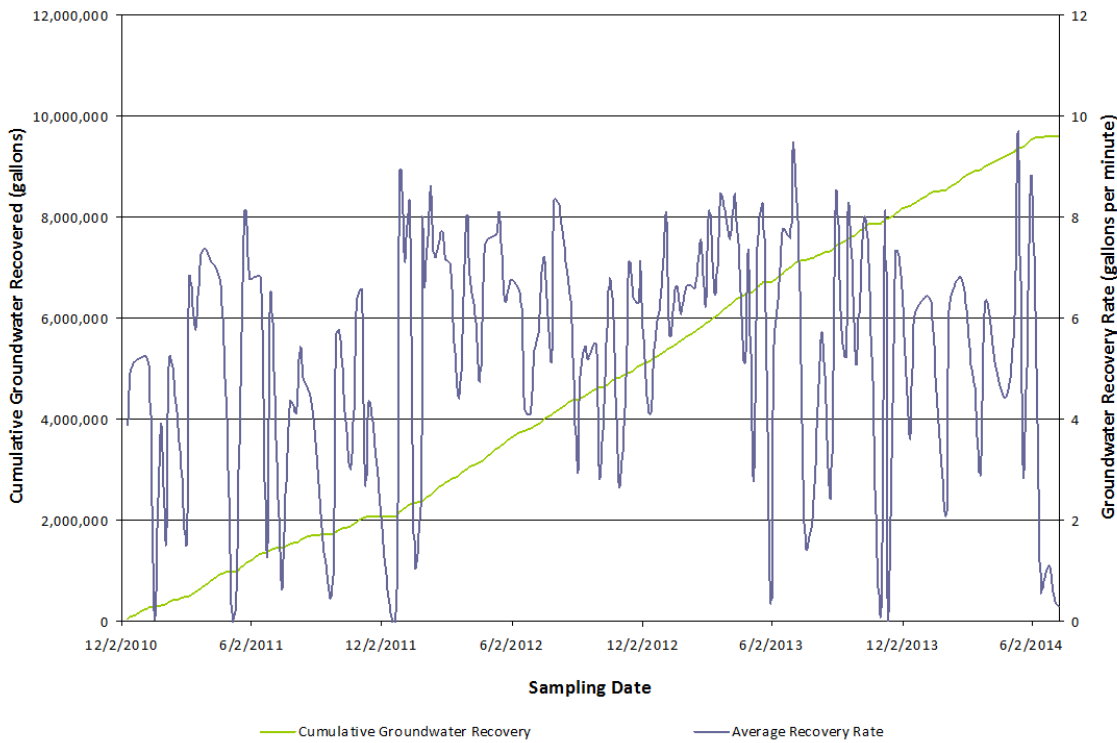


Figure 3-1. Cumulative groundwater recovery and groundwater recovery rate, offsite, 2010 – 2014

As of the second quarter of 2014, the system had recovered and treated approximately 9,591,208 gallons since the start-up in 2010. Throughout the system’s operation, the cumulative groundwater recovery rate has ranged from 0 gallons per minute (gpm) during scheduled maintenance to 9.62 gpm. The average groundwater recovery rate since the system start-up is

5.4 gpm. From the above graph, a decrease in recovery is noted for late May 2014 and early June 2014. The system was shut down for two and a half weeks during this timeframe due to a scheduled carbon change-out and a call from a neighboring property owner with a concern that the system was leaking water into their yard. The call was resolved once it was determined that excess surface water was running off into the neighboring yard and the system was not leaking. The system was restarted in mid-June 2014. In addition, individual recovery wells have been down periodically. Down-well pumps and pump controllers have been replaced in the recovery wells, as needed, in an attempt to keep groundwater recovery optimal.

The groundwater recovery rate is limited by the available groundwater in the vicinity of the recovery wells, and not by the pumping, treatment, or discharge capacity of the system. The submersible pumps in each well are individually controlled and operate based on the volume of water in the well. As discussed in Section 3.4, several maintenance issues have occurred and may have also affected the rate (e.g., needed replacement of a pump, pressure switch, or pump controller), but the overall rate is based on the availability of groundwater in the shallow and deep overburden zones.

The system has had a noticeable influence on the groundwater contour in both the shallow and deep overburden zones. The shallow zone groundwater contour maps for the second quarter 2011 through 2014 are shown in **Appendix A, Figures A-8 through A-11**, respectively. The deep overburden zone groundwater contour maps through the same time frame are shown on Appendix A, **Figures A-12 through A-15**. In each figure, the radius of influence shows the effect of the recovery wells on the water table in both the shallow and deep overburden zones.

The capture zone of the offsite groundwater recovery system was analyzed in 2012 using the August 2012 groundwater gauging data and the individual recovery well pumping rates (see **Figure 3-2**). Current pumping conditions reflect those in 2012. The figure depicts the spacing and pumping rates of each recovery well, and demonstrates the groundwater recovery system capture of the delineated off-site dissolved-phase MTBE plume, regardless of the limited recovery rates.

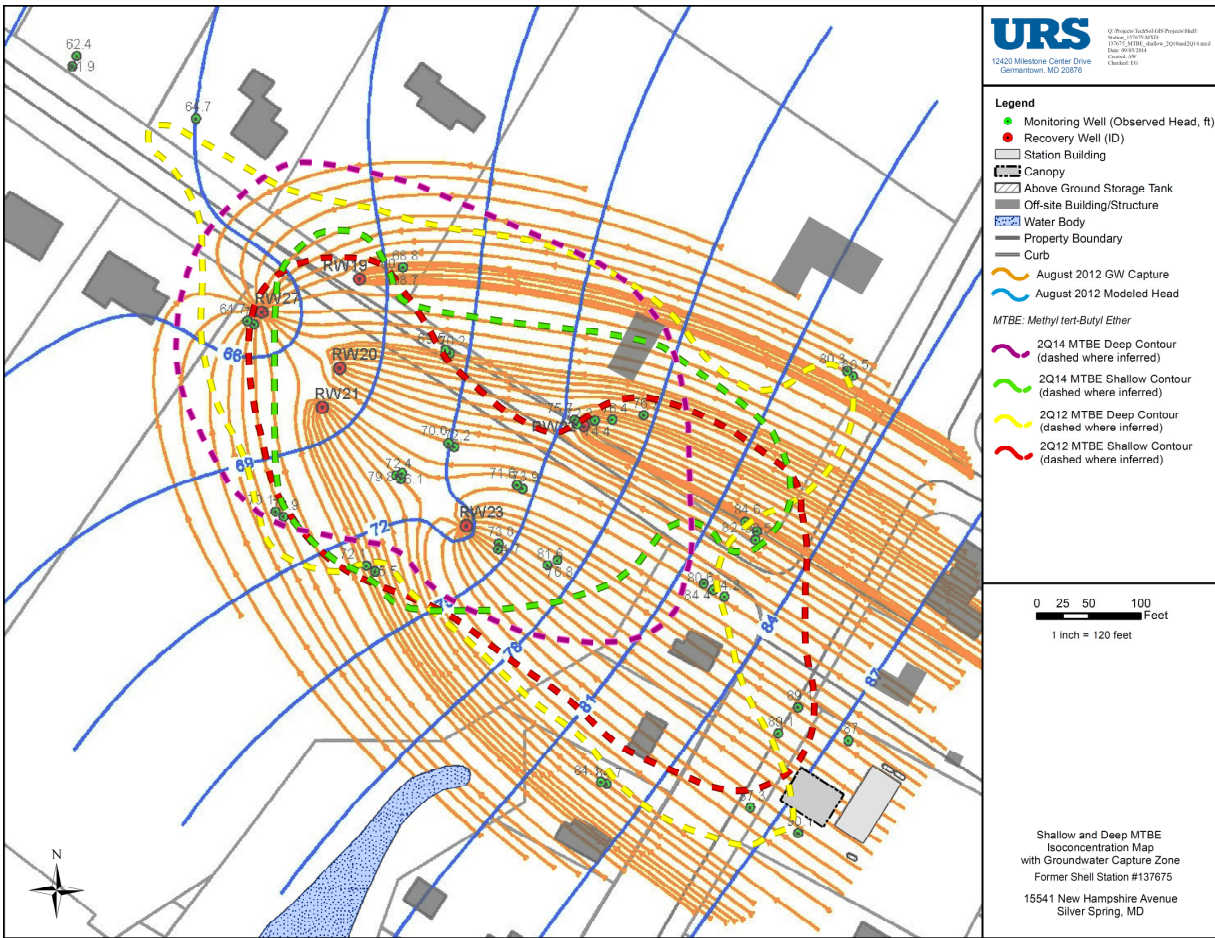


Figure 3-2. Groundwater Capture Zone

3.2 INDIVIDUAL WELL RECOVERY

The six system recovery wells are RW-19A through RW-23 and RW-27. The recovery for each well, including former RW-19, is shown in **Appendix B, Table B-2**. **Figure 3-3** depicts the flow rate of each recovery well. As noted previously, RW-19 was replaced with an 8-inch-diameter well RW-19A to improve groundwater recovery. The re-installation efforts did not increase groundwater recovery from the well, and aquifer productivity at RW-19A is low by approximately one order of magnitude, relative to the other recovery well areas (**Table 3-1**).

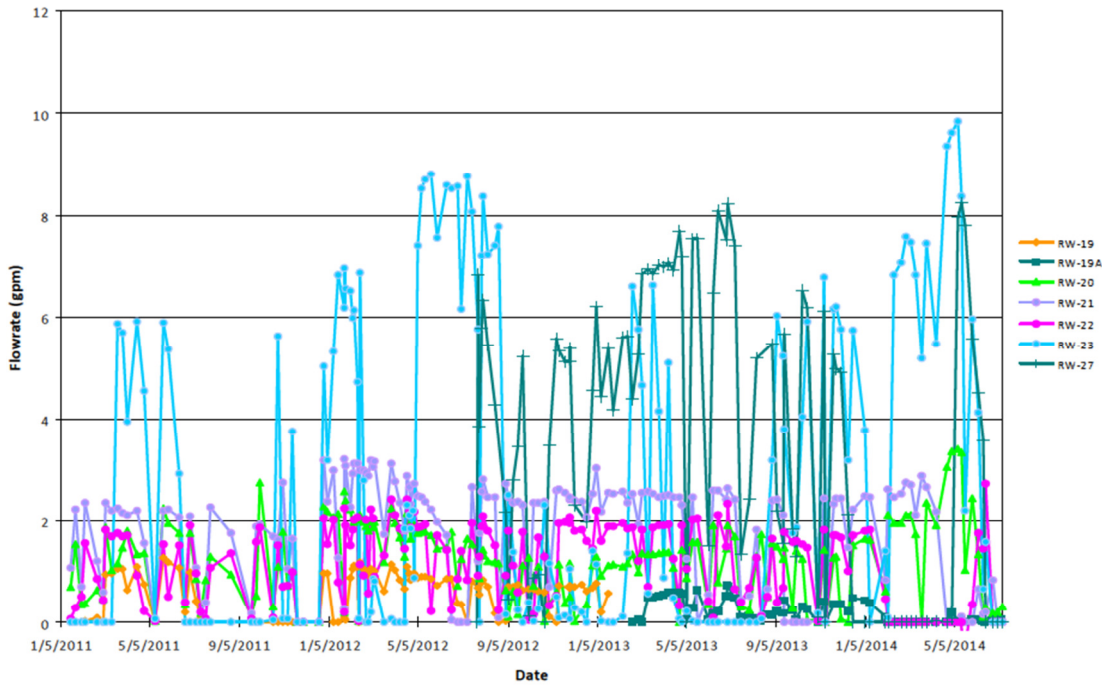


Figure 3-3. Recovery well flow rate of RW-19 through RW-27 and RW-19A, 2011–2014

The average recovery rate for each well is listed in **Table 3-1**. The average rates are based on **Appendix B, Table B-2**.

Table 3-1. Average Recovery Rates for RW-19A through RW-23 and RW-27

Recovery Well	Average Recovery Rate (gpm)
RW-19A	0.22
RW-20	1.26
RW-21	1.81
RW-22	1.18
RW-23	2.94
RW-27	3.77

gpm = gallons per minute
RW = recovery well

3.3 DISSOLVED-PHASE CONCENTRATION RECOVERY

Offsite influent, mid-system 1, mid-system 2, mid-system 3, and effluent samples are collected bimonthly to determine hydrocarbon recovery and the effectiveness of the treatment system. Historical offsite groundwater extraction analytical data are shown in **Appendix B, Table B-3**. Since system start-up in December 2010, influent groundwater concentrations have remained below detection limits or have been steadily decreasing, as follows:

- Influent benzene concentrations have decreased from a maximum concentration of 10.7 micrograms per liter ($\mu\text{g/L}$) on September 21, 2011 to below detection limits on June 26, 2014.
- Influent toluene concentrations have remained below detection limits from December 2, 2010 through June 26, 2014.
- Influent ethyl benzene concentrations have remained below detection limits from December 2, 2010 through June 26, 2014.
- Influent total xylene concentrations have decreased from a concentration of $3.83 \mu\text{g/L}$ on December 10, 2010 to below detection limits on June 26, 2014.
- Influent total benzene, toluene, ethyl benzene, and xylenes (BTEX) concentrations have decreased from a concentration of $11.62 \mu\text{g/L}$ on September 21, 2011 to below detection limits on June 26, 2014.
- Influent MTBE concentrations have decreased from a concentration of $4,400 \mu\text{g/L}$ on December 10, 2010 to $155 \mu\text{g/L}$ on June 26, 2014.

The concentration trends of dissolved-phase hydrocarbons in the influent groundwater samples are shown on **Figure 3-4**.

Approximately 127.33 pounds of MTBE have been recovered in the dissolved phase from groundwater from the start-up of operation in December 2010 through the end of June 2014. Influent MTBE concentrations and cumulative MTBE recovered are presented in **Figure 3-5** and show the steady decline of influent MTBE concentration and the steady increase of cumulative MTBE recovered. The rate of MTBE recovery has slowed as the concentration of the influent MTBE has decreased, which is expected .

The Site data suggest that the remediation system remains an effective remediation tool.

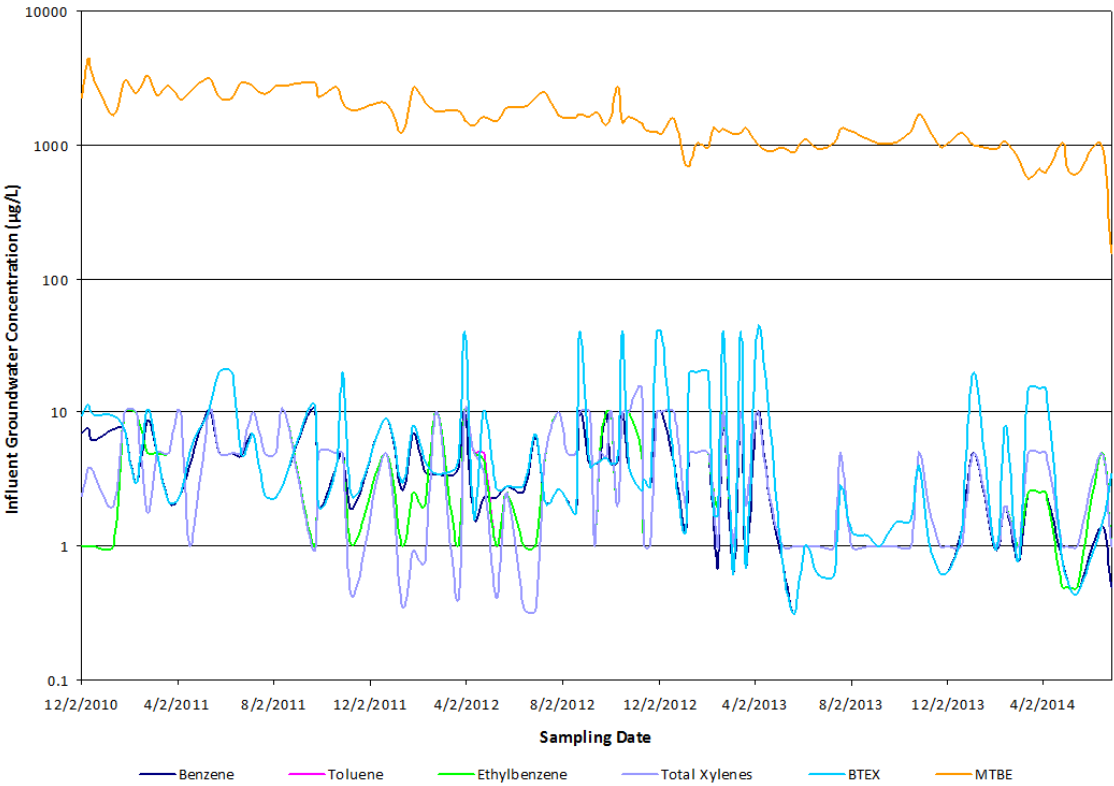


Figure 3-4. Influent groundwater concentrations, offsite, 2010–2014

*Influent MTBE Concentrations and Cumulative MTBE Recovered
Former Shell Service Station #137675 - Offsite
15600 New Hampshire Avenue, Silver Spring, MD*

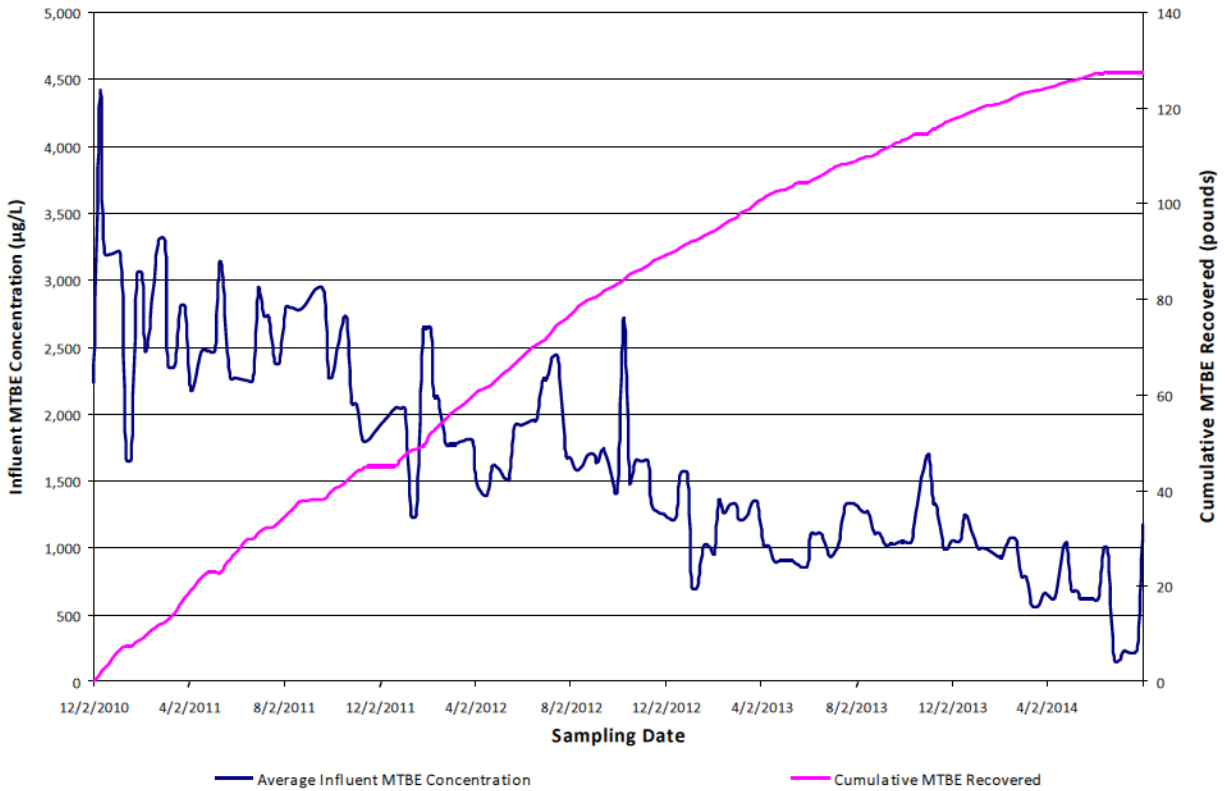


Figure 3-5. Influent MTBE concentrations and cumulative MTBE recovered, offsite, 2010–2014

3.4 OPTIMIZATION

The offsite groundwater recovery system has been maintained consistently and updated as necessary since operation began in December 2010.

Table 3-2 is a list of the dates of construction and major improvements that have been made to the system.

Table 3-2. Offsite Ground Recovery System: Construction and Major Improvements, 2010–2014

Date	Activity
Sept. 2010	Construction of the offsite groundwater recovery system began
Sept. 2010	Recovery well RW-19 installed
Oct. 2010 – Nov. 2010	Recovery wells RW-20, RW-21, RW-22, and RW-23 installed; RW-19 through RW-23 connected to offsite system
Dec. 2010	Offsite groundwater recovery system operation started
Jan. 2011	Environmental management transferred from Groundwater & Environmental Services, Inc., to URS
Apr. 2011	EQ transfer pump running with no flow through the pump (“U” joint on the rotor had snapped and the stator had ripped); replacement pump ordered and installed.
July 2011	PVC piping from the EQ transfer pump cracked and replaced with petroleum-resistant pressure-rated hose
Aug. 2011	New AS transfer pump ordered and installed
Nov. 2011	New EQ transfer pump ordered and installed after the previous one stopped working
Feb. 2012	Recovery well RW-19 redeveloped
Mar. 2012	Carbon change-out and air stripper cleaning completed
Mar. 2012 – July 2012	New recovery well, RW-27, installed
July 2012	Two sentinel wells, 721 BNS and 721 BND, installed to delineate MTBE impacts along Bryants Nursery Road
Aug. 2012	Carbon change-out completed
Dec. 2012	Carbon change-out completed
Jan. 2013	Recovery well RW-19 over-drilled, and RW-19A installed in the same borehole; new recovery well increased from 6- inch to 8-inch-diameter in an effort to increase recovery
Apr. 2013	Carbon change-out completed
May 2013	Hosing and couplings between the carbon units replaced
May 2013	A step-drawdown test was completed on wells MW-08S and MW-08D to determine if they would be optimal recovery wells.
Aug. 2013	Pump and the pump controller for recovery well RW-23 replaced; valve on the main piping going into the bag filters also replaced
Oct. 2013	Carbon change-out completed
Nov. 2013	Small leak noted in part of the system piping in the system shed; piping replaced and system restarted after allowing the glue to set
Jan. 2014	Carbon vessels replaced due to pin holes observed during the previous carbon change-out
May 2014	Pump controller for recovery well RW-27 reprogrammed and restarted
May 2014	Carbon change-out completed
June 2014	Pump for recovery well RW-23 replaced
June 2014	Hoses between carbon vessels replaced

SECTION FOUR: SITE MTBE CONCENTRATION TRENDS

Groundwater samples are collected from site wells on a quarterly or semiannual basis for the analysis of BTEX and fuel oxygenates including MTBE. Although BTEX and fuel oxygenates are monitored routinely, for the purpose of this report, only concentrations of MTBE were evaluated because MTBE is the primary contaminant of concern.

Although the March 2010 CAP Addendum Work Plan did not propose a remediation standard for MTBE based on site risk, the generic numeric clean-up standard for groundwater of 20 µg/L is listed in Appendix F of the *Maryland Environmental Assessment Technology for Leaking Underground Storage Tanks* (MDE 2003).

The most recent full sampling event occurred in April 2014. The sampling event yielded the following:

- Fourteen of the total twenty-two shallow overburden wells sampled were below the generic clean-up standard of 20 µg/L.
- Eight of the total twenty deep overburden wells sampled were below the generic clean-up standard of 20 µg/L.
- One of the total six offsite recovery wells was below the generic clean-up standard of 20 µg/L.
- Eight of the total ten bedrock wells sampled were below the generic clean-up standard of 20 µg/L.

Monitoring wells with dissolved-phase concentrations below the MDE generic clean-up standard of 20 µg/l are highlighted on **Appendix A, Figure A-16**. Although URS does not recommend that 20 µg/L be considered the remediation standard for all site wells, the above analysis provides a snapshot of where MTBE mass is currently located at the site. The MTBE mass is centered in the recovery well field.

MTBE concentrations in the monitoring wells have generally been either decreasing or stable, as summarized in **Appendix B, Table B-4** and **Appendix C**. The trend for each well was calculated using the Mann-Kendal trend test. A snapshot of MTBE concentrations in site wells since the system began operation is included in **Appendix D**. Additionally, the few wells with an increasing trend or that have had an increasing trend in the last few sampling events are either recovery wells or wells that are in the heart of the recovery well network.

Table 4-1 lists each monitoring well, its historical maximum concentration of MTBE in µg/L, the most recent sampled MTBE concentration before system start-up, current concentration, and Mann-Kendall trend. **Table 4-2** lists the same information as Table 4-1 for the recovery wells. The Mann-Kendall trend graphs are included as **Appendix E**.

Site MTBE Concentration Trends

Table 4-1. MTBE Concentration in Monitoring Wells: Maximum, Before Start-Up, Current, and Trends

Monitoring Well	MTBE Concentration (µg/L)						Trend
	Maximum	Date	Before Start-Up	Date	Current	Date	
710 BNR	7	12/3/2007	2	11/16/2010	0.92 J	7/14/2014	Decrease
711 BNR	3.05	12/3/2007	0.50 J	11/16/2010	0.27 J	7/14/2014	No Trend
720 BNR	29	3/2/2004	0.48 J	11/16/2010	0.56 J	7/14/2014	Decrease
721 BNR	4.8	10/22/2004	ND(1.0)	11/16/2010	ND(1.0)	7/14/2014	Decrease
721 BND	0.70 J	1/16/2013	-	-	ND(1.0)	7/15/2014	No Trend
721 BNS	8.2	8/7/2012	-	-	ND(1.0)	7/15/2014	No Trend
730 BND	3.2	10/1/2010	3.2	10/1/2010	1	7/14/2014	Decrease
730 BNR	1.5	1/15/2013	-	-	0.86 J	7/14/2014	No Trend
730 BNS	2.86	10/1/2010	-	-	0.55 J	7/15/2014	Decrease
740 BNR	2.8	7/14/2014	-	-	2.8	7/14/14	No Trend
750 BND	1,660	3/11/2010	304	12/2/2010	1,110	4/10/2014	Increase
750 BNR	83	7/14/2014	44	12/2/2010	83	7/14/2014	No Trend
750 BNS	3	3/30/2006	0.81 l	12/2/2010	0.66 J	4/9/2014	No Trend
MW-02	159	12/2/2010	159	12/2/2010	0.77 J	4/8/2014	Decrease
MW-04	49	1/6/2004	2.34	12/2/2010	0.62 J	4/8/2014	Decrease
MW-05D	3,420	12/19/2006	ND(0.46)	12/2/2010	ND(1.0)	4/9/2014	Decrease
MW-05R	3,800	3/30/2006	ND(0.46)	12/2/2010	ND(1.0)	4/9/2014	Decrease
MW-05S	7,630	1/6/2004	575	12/2/2010	125	4/9/2014	Decrease
MW-06D	19,000	6/24/2008	9,240	12/6/2010	2,670	4/9/2014	No Trend
MW-06R	129	9/27/2010	112	12/6/2010	45.4	4/8/2014	No Trend
MW-06S	2,300	6/24/2008	320	12/6/2010	15.9	4/9/2014	Decrease
MW-07D	10	4/5/2004	ND(0.46)	12/2/2010	ND(1.0)	4/9/2014	Decrease
MW-07S	244	1/3/2005	26	12/2/2010	7.6	4/9/2014	Decrease
MW-08D	4,900	10/24/2013	1,660	12/2/2010	3,950	4/10/2014	Increase

Site MTBE Concentration Trends

Monitoring Well	MTBE Concentration (µg/L)						Trend
	Maximum	Date	Before Start-Up	Date	Current	Date	
MW-08S	704	4/10/2014	10.7	12/2/2010	704	4/10/2014	Increase
MW-09D	8	11/17/2005	ND(0.46)	12/2/2010	ND(1.0)	4/10/2014	Decrease
MW-09S	7	1/3/2005	ND(0.46)	12/2/2010	ND(1.0)	4/10/2014	Decrease
MW-11D	62	7/8/2004	2	12/2/2010	5	4/9/2014	No Trend
MW-11R	751	5/18/2011	3.87	12/2/2010	ND(1.0)	4/9/2014	Decrease
MW-11S	12,000	7/8/2004	376	12/2/2010	18.7	4/9/2014	Decrease
MW-12	11,000	3/25/2008	1,880	12/2/2010	154	4/9/2014	No Trend
MW-13D	759	11/25/2008	147	12/2/2010	99.4	4/8/2014	No Trend
MW-13S	5,527	11/25/2008	3,020	12/3/2010	1,980	4/8/2014	No Trend
MW-14D	6,340	10/24/2013	1,090	12/3/2010	4,770	4/8/2014	Increase
MW-14S	6,710	9/27/2010	4,840	12/3/2010	200	4/8/2014	Decrease
MW-15D	768	9/27/2010	685	12/3/2010	359	4/8/2014	No Trend
MW-15S	8,600	5/17/2010	6,780	12/3/2010	98.3	4/8/2014	Decrease
MW-16D	3,060	9/27/2010	465	12/3/2010	281	4/8/2014	No Trend
MW-16S	4,410	8/11/2011	3,240	12/3/2010	527	4/8/2014	No Trend
MW-17D	540	9/27/2010	390	12/3/2010	248	4/8/2014	No Trend
MW-17S	1,290	12/3/2010	1,290	12/3/2010	252	4/8/2014	No Trend
MW-17W	1,080	2/17/2011	92	12/3/2010	9.5	4/8/2014	No Trend
MW-18	2,450	10/23/2013	282	12/9/2010	1,860	4/8/2014	No Trend
MW-24D	37	12/6/2010	37	12/6/2010	4	7/16/2014	Decrease
MW-24S	352	8/11/2011	261	12/6/2010	50.2	7/16/2014	Decrease
MW-25D	251	7/16/2014	102	12/6/2010	251	7/16/2014	Decrease
MW-25S	291	12/6/2010	291	12/6/2010	14.3	7/16/2014	Decrease
MW-26D	1,940	4/18/2011	1,260	12/6/2010	104	7/16/2014	Decrease
MW-26S	267	2/17/2011	96.7	12/6/2010	43.2	7/16/2014	Decrease

Site MTBE Concentration Trends

Monitoring Well	MTBE Concentration (µg/L)						Trend
	Maximum	Date	Before Start-Up	Date	Current	Date	
RW-01	1,990	10/5/2004	5.2	12/2/2010	ND(1.0)	7/15/2014	Decrease
RW-03	125,000	4/5/2004	6.91	12/2/2010	2.5	7/15/2014	Decrease
RW-10	45,800	4/13/2005	27.7	12/2/2010	2.7	7/15/2014	Decrease

BND = Bryants Nursery Deep
 BNR = Bryants Nursery Road
 BNS = Bryants Nursery Shallow

MTBE = methyl tertiary-butyl ether
 MW = monitoring well
 ND = not detected

J = Indicates an estimated value

Site MTBE Concentration Trends

Table 4-2. MTBE Concentration in Recovery Wells: Maximum, Before Start-Up, Current, and Trend

Recovery Well	MTBE Concentration (µg/L)						Trend
	Maximum	Date	Before Start-Up	Date	Current	Date	
RW-19/19A	871	11/13/2012	66.7	12/6/2010	27.4	7/14/2014	Decrease
RW-20	5,430	12/6/2010	5,430	12/6/2010	2,110	7/14/2014	Decrease
RW-21	1,550	7/14/2014	1,420	12/6/2010	1,550	7/14/2014	Decrease
RW-22	12,900	9/27/2010	9,810	12/6/2010	939	7/14/2014	Decrease
RW-23	2,510	8/7/2012	1,520	12/6/2010	752	7/14/2014	Decrease
RW-27	1,640	7/14/2014	-	-	1,640	7/14/2014	No Trend

MTBE = methyl tertiary-butyl ether
 ND = not detected
 RW = recovery well

In **Appendix D**, MTBE concentrations are graphed for the fourth quarter of 2010 through the third quarter of 2014. In each graph, a trend line along with the equation of the trend is plotted. Wells on the perimeter of the plume are either less than 20 µg/l or decreasing. As previously stated, the few wells with an increasing trend or that have had an increasing trend in the last few sampling events are either recovery wells or wells that are in the heart of the recovery well network.

The MTBE results in the shallow and deep overburden zones are summarized in **Figures 4-1** and **4-2**, respectively. The average, median, and geometric mean were calculated for sampling events, and all show a decreasing trend. The analytical results from all shallow or deep overburden wells sampled during the particular event were included in the summary statistics presented in Figures 4-1 and 4-2.

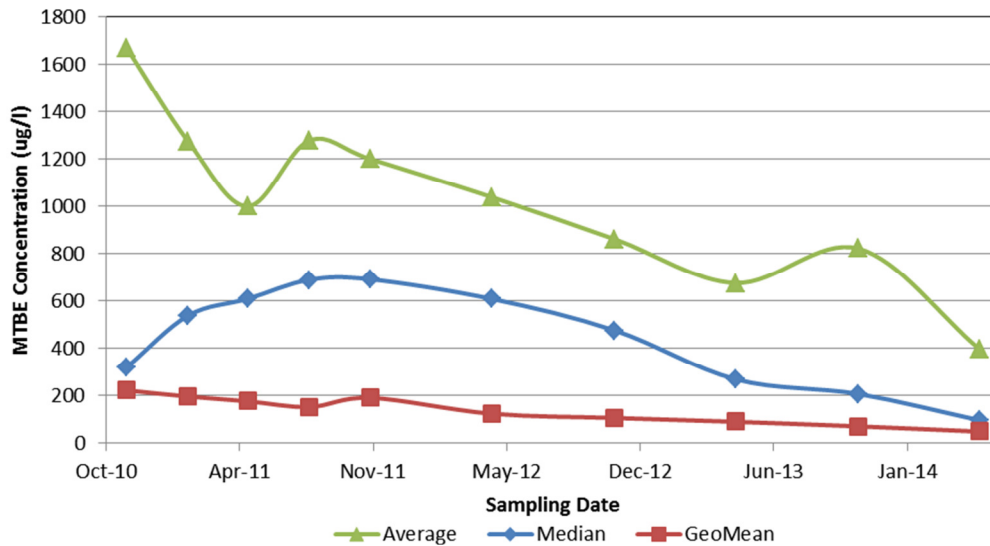


Figure 4-1. MTBE concentration in shallow overburden zone, 2010 – 2014

Site MTBE Concentration Trends

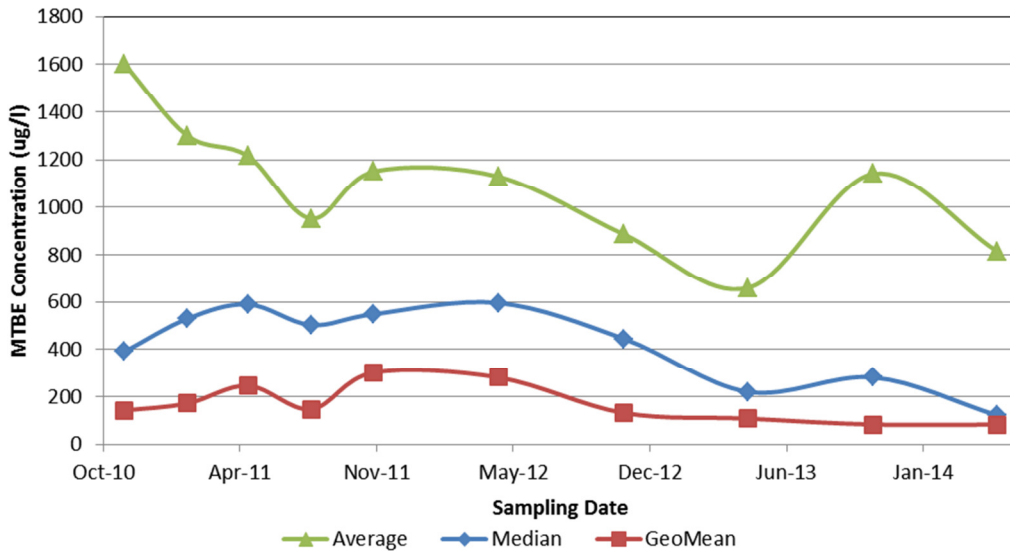


Figure 4-2. MTBE concentration in deep overburden zone, 2010 – 2014

Although the MTBE concentrations for the offsite recovery wells are included in the summary tables and graphs for both the shallow and deep overburden zones, the same statistical calculations that include average, median, and geometric mean were applied to the MTBE concentrations in the recovery wells only. The data are summarized in **Figure 4-3**. Overall, the recovery well network concentrations show a long term decrease.

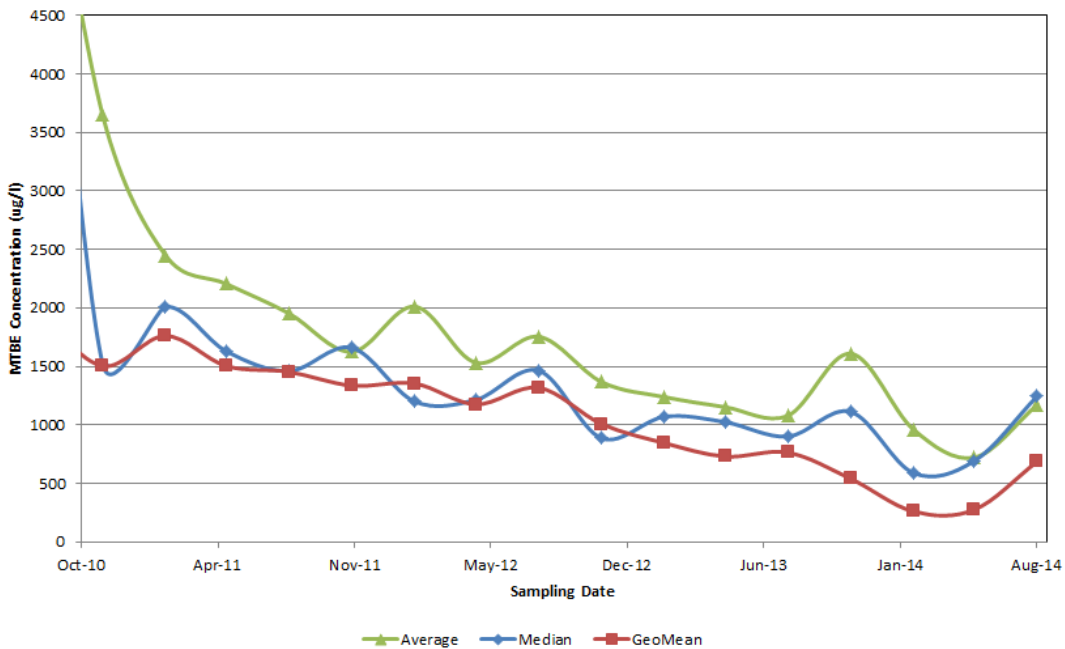


Figure 4-3. MTBE concentration in recovery wells, 2010 – 2014

To help visualize trends in groundwater monitoring data, URS used the GroundWater Spatio-Temporal Data Analysis Tool (GWSDAT) developed by Shell Global Solutions to create a series of MTBE distribution maps for the shallow overburden zone (**Appendix F**) and deep overburden zone (**Appendix G**). By smoothing the data in both space and time, the tool provides a clearer interpretation of site solute concentration dynamics than would otherwise be gleaned from the raw data. A review of the GWSDAT outputs included in Appendix E and F indicate that spatial distribution of MTBE concentrations is reducing/shrinking toward the offsite recovery wells.

Additionally, URS created isoconcentration maps contouring the approximate 20 µg/l contour for the shallow overburden zone (see **Appendix A, Figure A-17**) and the deep overburden zone (see **Appendix A, Figure A-18**) using the fourth quarter 2010 sampling data and the second quarter 2014 sampling data. From these figures, the approximate area with concentrations greater than 20 µg/l in the shallow overburden zone during the fourth quarter of 2010 is an estimated 205,927 square feet compared to 118,987 square feet during the second quarter of 2014, which is a 42 percent reduction. The plume is contracting into the recovery well area. The approximate area with concentrations greater than 20 µg/l in the deep overburden zone during the fourth quarter of 2010 is 244,254 square feet compared to 165,596 square feet during the second quarter of 2014, which is a 32 percent reduction.

SECTION FIVE: PATH FORWARD

The offsite groundwater recovery system has been effective at reducing the concentration of MTBE in the monitoring wells and spatially reducing the mass of MTBE at the Site. Although one recovery well (RW-27) shows increasing MTBE, this is expected because the recovery wells are pulling the current offsite mass of MTBE toward them. URS does not propose altering the operation of the offsite groundwater recovery system in the immediate or near future and will continue full operation of the offsite groundwater recovery system. However, there are potential strategies being considered for the path forward as described below.

Public Waterline Extension

One path forward is the possibility of extending the public waterline further down Bryants Nursery Road in order to connect the homes with potable wells historically impacted by the release from the former Shell Station. If the waterline were to be extended, it would be under at least the condition that the potable wells of the connected homes would either be abandoned or used for monitoring purposes and would no longer be accessible for use by the homeowner. Additional potential conditions may be identified in an overall final remediation plan to be agreed between Motiva and MDE. A final decision has not yet been made regarding the waterline installation and is not considered a requirement by MDE.

Offsite Groundwater Recovery System Pulsing

Offsite groundwater system pulsing would consist of turning off the system recovery wells one at a time in order to determine how the MTBE concentrations would react without a particular recovery well pumping. This data would be beneficial for determining a more strategic operation of the offsite groundwater recovery system. System pulsing would only be attempted if the MDE generic clean-up standard of 20 µg/l is reached in a recovery well or MTBE concentrations within a particular recovery well are stabilized. Stabilization would be defined as three consecutive MTBE concentration results within 10 percent of one another. In order to determine if the recovery wells are stabilized, monthly samples would be collected from each recovery well and analyzed for MTBE. Once turned off, the recovery well would continue to be sampled monthly for up to one year. If MTBE concentrations increased by more than 20 percent, the recovery well would be turned back on and would continue to operate until the concentration stabilized again.

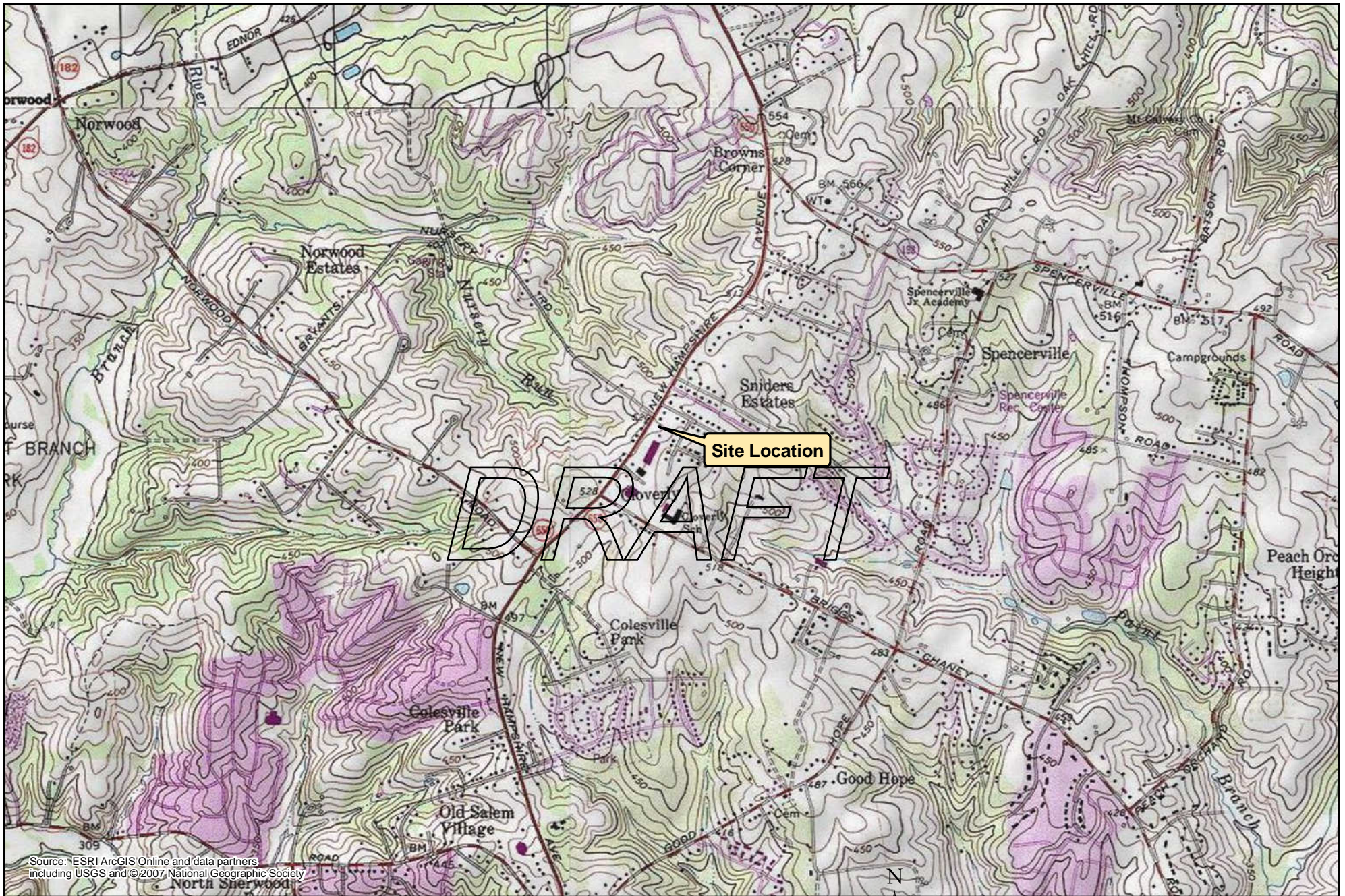
As stated above, at this time URS, on behalf of Motiva, proposes to continue full operation of the offsite groundwater recovery system.

SECTION SIX: REFERENCES

MDE (Maryland Department of the Environment). 2003. *Maryland Environmental Assessment Technology for Leaking Underground Storage Tanks*.

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**Appendix A
Figures**



Source: ESRI ArcGIS Online and data partners including USGS and ©2007 National Geographic Society

CLIENT	Motiva Enterprises, LLC		
PROJ	Former Shell Service Station # 137675		
SCALE	1:24,000		
REVISION NO	0	DES BY	JK 03/25/2011
G:\Projects\Shell\Station_137675\MXD\137675_SiteLocale.mxd	CHK BY	JA	03/25/2011



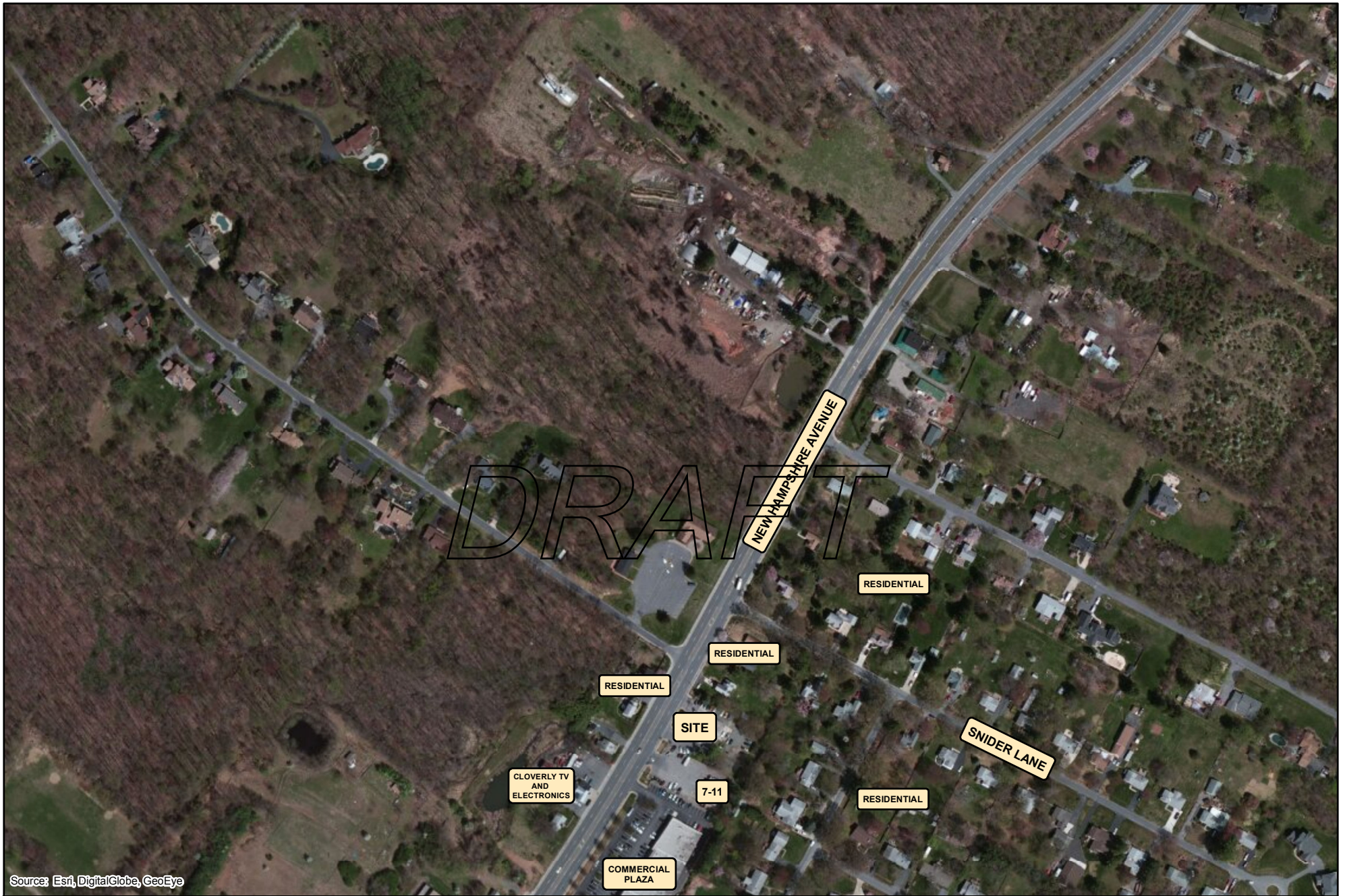
TITLE **USGS Topographic Map**



12420 Milestone Center Dr
Germantown, MD 20876

Site Address:
15541 New Hampshire Avenue
Silver Spring, MD

FIGURE
A-1



Source: Esri, DigitalGlobe, GeoEye

CLIENT	Motiva Enterprises, LLC		
PROJ	Former Shell Service Station # 137675		
SCALE	1:4,000		
REVISION NO	0	DES BY	AB 09/10/2014
Q:\Projects\TechSol\GIS\Projects\Shell\Station_137675\MXD\137675_LocalArea.mxd		CHK BY	SB 09/10/2014



TITLE	Local Area Map		
	12420 Milestone Center Drive	Site Address:	FIGURE 2
	Germantown, MD 20876	15541 New Hampshire Avenue Silver Spring, MD	

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**Appendix B
Tables**

Table B-1
Groundwater Extraction System Performance
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

Date	Days Operational	Totalizer Reading (gal)	Cumulative Groundwater Recovered (gal)	Volume Recovered per Period (gal)	Average Recovery Rate (gpm)	Average Influent MTBE (µg/l)	MTBE Recovered per Period (lbs)	Cumulative MTBE Recovered (lbs)	Operating Wells
12/02/2010		NC	NC	NC	NC	2230.0	0.00	0.00	19, 20, 21, 22, 23
12/10/2010	8	44700	44700	44700	3.88	4400.0	1.64	1.64	19, 20, 21, 22, 23
12/16/2010	6	87852	87852	43152	4.99	3190.0	1.15	2.79	19, 20, 21, 22, 23
01/05/2011	20	238444	238444	150592	5.23	3190.0	4.00	6.79	19, 20, 21, 22, 23
01/11/2011	6	279900	279900	41456	4.80	1650.0	0.57	7.36	19, 20, 21, 22
01/18/2011	7	280184	280184	284	0.03	1650.0	0.00	7.36	19, 20, 21, 22
01/25/2011	7	319348	319348	39164	3.89	3050.0	1.00	8.36	20, 21, 22
02/01/2011	7	334575	334575	15227	1.51	3050.0	0.39	8.75	
02/07/2011	6	379602	379602	45027	5.24	2460.0	0.92	9.67	20, 21, 22
02/23/2011	16	453158	453158	73556	3.19	3300.0	2.02	11.69	19, 20, 21, 22
03/03/2011	8	471812	471812	18654	1.62	3300.0	0.51	12.21	19, 20, 21, 22
03/07/2011	4	510692	510692	38880	6.75	2350.0	0.76	12.97	19, 20, 21, 22
03/15/2011	8	577165	577165	66473	5.77	2350.0	1.30	14.27	19, 20, 21, 22
03/22/2011	7	650262	650262	73097	7.25	2800.0	1.71	15.98	19, 20, 21, 22, 23
03/29/2011	7	724423	724423	74161	7.36	2800.0	1.73	17.71	19, 20, 21, 22, 23

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Notes:

gal - Gallons

gpm - Gallons per minute

µg/L - Micrograms per Liter

lbs - Pounds

MTBE - Methyl tert-butyl ether

NC - Not Collected

Average Flow Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

MTBE Recovered per Period (lbs) = Volume Recovered (gal) * 3.775 * MTBE * 2.208*10⁻⁹

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04/05/2011	7	796421	796421	71998	7.14	2180.0	1.31	19.02	20, 21, 22, 23
04/18/2011	13	922965	922965	126544	6.76	2470.0	2.61	21.62	19, 20, 21, 22, 23
04/27/2011	9	979889	979889	56924	4.39	2470.0	1.17	22.79	
05/06/2011	0	979889	979889	0	0.00	2470.0	0.00	22.79	
05/12/2011	6	982004	982004	2115	0.24	3150.0	0.06	22.85	19, 20, 21, 22, 23
05/24/2011	12	1120163	1120163	138159	8.00	2270.0	2.61	25.46	19, 20, 21, 23
05/31/2011	7	1188444	1188444	68281	6.77	2270.0	1.29	26.75	19, 20, 21, 23
06/15/2011	15	1334785	1334785	146341	6.78	2250.0	2.74	29.50	19, 20, 21, 22
06/23/2011	8	1349322	1349322	14537	1.26	2250.0	0.27	29.77	19, 20, 21, 22
06/29/2011	6	1405455	1405455	56133	6.50	2930.0	1.37	31.14	19, 20, 21, 22, 23
07/07/2011	8	1442836	1442836	37381	3.24	2720.0	0.85	31.99	19, 20, 21, 22, 23
07/14/2011	7	1449197	1449197	6361	0.63	2720.0	0.14	32.13	19, 20, 21, 22, 23
07/20/2011	6	1468492	1468492	19295	2.23	2380.0	0.38	32.52	19, 20, 21, 22, 23
07/27/2011	7	1512135	1512135	43643	4.33	2380.0	0.87	33.38	19, 20, 21, 22, 23
08/04/2011	8	1559199	1559199	47064	4.09	2790.0	1.09	34.48	19, 20, 21, 22, 23

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Notes:

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gpm - Gallons per minute

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lbs - Pounds

MTBE - Methyl tert-butyl ether

NC - Not Collected

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08/10/2011	6	1606175	1606175	46976	5.44	2790.0	1.09	35.57	19, 20, 21, 22, 23
08/15/2011	5	1640415	1640415	34240	4.76	2780.0	0.79	36.36	19, 20, 21, 22, 23
08/24/2011	9	1696502	1696502	56087	4.33	2780.0	1.30	37.66	19, 20, 21, 22, 23
09/21/2011	28	1714648	1714648	18146	0.45	2930.0	0.44	38.10	19, 20, 21, 22, 23
09/28/2011	7	1771136	1771136	56488	5.60	2280.0	1.07	39.18	19, 20, 21, 22, 23
10/03/2011	5	1812642	1812642	41506	5.76	2280.0	0.79	39.97	19, 20, 21, 22, 23
10/20/2011	17	1885889	1885889	73247	2.99	2730.0	1.67	41.63	19, 20, 21, 22, 23
10/27/2011	7	1949936	1949936	64047	6.35	2070.0	1.11	42.74	19, 20, 21, 22, 23
11/03/2011	7	2016024	2016024	66088	6.56	2070.0	1.14	43.88	19, 20, 21, 22, 23
11/09/2011	6	2039505	2039505	23481	2.72	1800.0	0.35	44.23	19, 20, 21, 22, 23
11/16/2011	7	2082869	2082869	43364	4.30	1800.0	0.65	44.88	19, 20, 21, 22, 23
12/21/2011	35	2083117	2083117	248	0.00	2040.0	0.00	44.89	19, 20, 21, 22, 23
12/28/2011	7	2171369	2171369	88252	8.76	2040.0	1.50	46.39	19, 20, 21, 22, 23
01/03/2012	6	2232661	2232661	61292	7.09	2040.0	1.04	47.43	19, 20, 21, 22, 23
01/10/2012	7	2315580	2315580	82919	8.23	1230.0	0.85	48.28	19, 20, 21, 22, 23

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Notes:

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gpm - Gallons per minute

µg/L - Micrograms per Liter

lbs - Pounds

MTBE - Methyl tert-butyl ether

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01/17/2012	7	2327492	2327492	11912	1.18	1230.0	0.12	48.40	19, 20, 21, 22, 23
01/26/2012	9	2360450	2360450	32958	2.54	2640.0	0.73	49.13	19, 20, 21, 22, 23
01/27/2012	1	2371798	2371798	11348	7.88	2640.0	0.25	49.38	19, 20, 21, 22, 23
01/31/2012	4	2409771	2409771	37973	6.59	2640.0	0.84	50.21	19, 20, 21, 22, 23
02/06/2012	6	2481883	2481883	72112	8.35	2640.0	1.59	51.80	19, 20, 21, 22, 23
02/08/2012	2	2506657	2506657	24774	8.60	2120.0	0.44	52.24	19, 20, 21, 22, 23
02/14/2012	6	2569030	2569030	62373	7.22	2120.0	1.10	53.34	19, 20, 21, 22, 23
02/24/2012	10	2680052	2680052	111022	7.71	1770.0	1.64	54.98	19, 20, 21, 22, 23
03/01/2012	6	2741702	2741702	61650	7.14	1770.0	0.91	55.89	19, 20, 21, 22, 23
03/07/2012	6	2802690	2802690	60988	7.06	1770.0	0.90	56.79	19, 20, 21, 22, 23
03/20/2012	13	2885334	2885334	82644	4.41	1800.0	1.24	58.03	19, 20, 21, 22, 23
03/29/2012	9	2988141	2988141	102807	7.93	1800.0	1.54	59.57	19, 20, 21, 22, 23
04/03/2012	5	3038529	3038529	50388	7.00	1520.0	0.64	60.21	19, 20, 21, 22, 23
04/10/2012	7	3099157	3099157	60628	6.01	1400.0	0.71	60.91	19, 20, 21, 22, 23
04/17/2012	7	3147187	3147187	48030	4.76	1400.0	0.56	61.47	19, 20, 21, 22, 23

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Notes:

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lbs - Pounds

MTBE - Methyl tert-butyl ether

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*MTBE Recovered per Period (lbs) = Volume Recovered (gal) * 3.775 * MTBE * 2.208*10⁻⁹*

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04/24/2012	7	3222349	3222349	75162	7.46	1620.0	1.01	62.49	19, 20, 21, 22, 23
05/10/2012	16	3398373	3398373	176024	7.64	1510.0	2.22	64.70	19, 20, 21, 22, 23
05/15/2012	5	3456367	3456367	57994	8.05	1510.0	0.73	65.43	19, 20, 21, 22, 23
05/22/2012	7	3520503	3520503	64136	6.36	1910.0	1.02	66.46	19, 20, 21, 22, 23
05/31/2012	9	3608206	3608206	87703	6.77	1910.0	1.40	67.85	19, 20, 21, 22, 23
06/13/2012	13	3727995	3727995	119789	6.40	1950.0	1.95	69.80	19, 20, 21, 22, 23
06/19/2012	6	3764225	3764225	36230	4.19	1950.0	0.59	70.39	19, 20, 21, 22, 23
06/27/2012	8	3811510	3811510	47285	4.10	2260.0	0.89	71.28	19, 20, 21, 22, 23
07/03/2012	6	3857187	3857187	45677	5.29	2260.0	0.86	72.14	19, 20, 21, 22, 23
07/10/2012	7	3916040	3916040	58853	5.84	2430.0	1.19	73.33	19, 20, 21, 22, 23
07/17/2012	7	3988773	3988773	72733	7.22	2430.0	1.47	74.80	19, 20, 21, 22, 23
07/27/2012	10	4062327	4062327	73554	5.11	1670.0	1.02	75.83	19, 20, 21, 22, 23, 27
07/31/2012	4	4110349	4110349	48022	8.34	1670.0	0.67	76.50	19, 20, 21, 22, 23, 27
08/07/2012	7	4193614	4193614	83265	8.26	1580.0	1.10	77.59	19, 20, 21, 22, 23, 27
08/17/2012	10	4294594	4294594	100980	7.01	1610.0	1.36	78.95	19, 20, 21, 22, 23, 27

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Notes:

gal - Gallons

gpm - Gallons per minute

µg/L - Micrograms per Liter

lbs - Pounds

MTBE - Methyl tert-butyl ether

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*MTBE Recovered per Period (lbs) = Volume Recovered (gal) * 3.775 * MTBE * 2.208*10⁻⁹*

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08/23/2012	6	4347553	4347553	52959	6.13	1690.0	0.75	79.69	19, 20, 21, 22, 23, 27
09/01/2012	9	4385890	4385890	38337	2.96	1690.0	0.54	80.23	19, 20, 21, 22, 23, 27
09/05/2012	4	4413480	4413480	27590	4.79	1630.0	0.37	80.61	19, 20, 21, 22, 23, 27
09/11/2012	6	4460471	4460471	46991	5.44	1740.0	0.68	81.29	19, 20, 21, 22, 23, 27
09/17/2012	6	4505314	4505314	44843	5.19	1670.0	0.62	81.91	19, 20, 21, 22, 23, 27
09/28/2012	11	4592142	4592142	86828	5.48	1400.0	1.01	82.93	19, 20, 21, 22, 23, 27
10/02/2012	4	4608521	4608521	16379	2.84	1630.0	0.22	83.15	19, 20, 21, 22, 23, 27
10/09/2012	7	4652379	4652379	43858	4.35	2720.0	0.99	84.14	19, 20, 21, 22, 23, 27
10/16/2012	7	4720545	4720545	68166	6.76	1400.0	0.85	84.99	19, 20, 21, 22, 23, 27
10/23/2012	7	4777648	4777648	57103	5.66	1640.0	0.78	85.77	19, 20, 21, 22, 23, 27
10/31/2012	8	4808012	4808012	30364	2.64	1640.0	0.42	86.19	19, 20, 21, 22, 23, 27
11/09/2012	9	4873703	4873703	65691	5.07	1640.0	0.90	87.08	19, 20, 21, 22, 23, 27
11/13/2012	4	4914442	4914442	40739	7.07	1330.0	0.45	87.54	19, 20, 21, 22, 23, 27
11/20/2012	7	4978493	4978493	64051	6.35	1260.0	0.67	88.21	19, 20, 21, 22, 23, 27
11/27/2012	7	5042209	5042209	63716	6.32	1250.0	0.66	88.87	19, 20, 21, 22, 23, 27

DRAFT

Notes:

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gpm - Gallons per minute

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lbs - Pounds

MTBE - Methyl tert-butyl ether

NC - Not Collected

Average Flow Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

MTBE Recovered per Period (lbs) = Volume Recovered (gal) * 3.775 * MTBE * 2.208*10⁻⁹

Table B-1
Groundwater Extraction System Performance
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gal)</i>	<i>Cumulative Groundwater Recovered (gal)</i>	<i>Volume Recovered per Period (gal)</i>	<i>Average Recovery Rate (gpm)</i>	<i>Average Influent MTBE (µg/l)</i>	<i>MTBE Recovered per Period (lbs)</i>	<i>Cumulative MTBE Recovered (lbs)</i>	<i>Operating Wells</i>
11/28/2012	1	5052422	5052422	10213	7.09	1250.0	0.11	88.98	19, 20, 21, 22, 23, 27
12/04/2012	6	5098336	5098336	45914	5.31	1210.0	0.46	89.44	19, 20, 21, 22, 23, 27
12/13/2012	9	5151340	5151340	53004	4.09	1210.0	0.53	89.98	19, 20, 21, 22, 23, 27
12/20/2012	7	5206806	5206806	55466	5.50	1560.0	0.72	90.70	19, 20, 21, 22, 23, 27
12/28/2012	8	5281306	5281306	74500	6.47	1560.0	0.97	91.67	19, 20, 21, 22, 23, 27
01/03/2013	6	5351209	5351209	69903	8.09	700.0	0.41	92.07	19, 20, 21, 22, 23, 27
01/09/2013	6	5400222	5400222	49013	5.67	699.0	0.29	92.36	19, 20, 21, 22, 23, 27
01/18/2013	9	5485856	5485856	85634	6.61	1010.0	0.72	93.08	20, 21, 22, 23, 27
01/25/2013	7	5547032	5547032	61176	6.07	1040.0	0.52	93.60	20, 21, 22, 23, 27
02/01/2013	7	5613751	5613751	66719	6.62	954.0	0.53	94.13	20, 21, 22, 23, 27
02/07/2013	6	5671128	5671128	57377	6.64	1350.0	0.65	94.77	20, 21, 22, 23, 27
02/14/2013	7	5737528	5737528	66400	6.59	1250.0	0.69	95.46	20, 21, 22, 23, 27
02/21/2013	7	5813688	5813688	76160	7.56	1320.0	0.84	96.30	20, 21, 22, 23, 27
02/28/2013	7	5876253	5876253	62565	6.21	1320.0	0.69	96.99	19, 20, 21, 22, 23, 27
03/05/2013	5	5934666	5934666	58413	8.11	1200.0	0.58	97.57	19, 20, 21, 22, 23, 27

DRAFT

Notes:

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lbs - Pounds

MTBE - Methyl tert-butyl ether

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*MTBE Recovered per Period (lbs) = Volume Recovered (gal) * 3.775 * MTBE * 2.208*10⁻⁹*

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Groundwater Extraction System Performance
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

Date	Days Operational	Totalizer Reading (gal)	Cumulative Groundwater Recovered (gal)	Volume Recovered per Period (gal)	Average Recovery Rate (gpm)	Average Influent MTBE (µg/l)	MTBE Recovered per Period (lbs)	Cumulative MTBE Recovered (lbs)	Operating Wells
03/14/2013	9	6018261	6018261	83595	6.45	1230.0	0.86	98.43	19, 20, 21, 22, 23, 27
03/21/2013	7	6103222	6103222	84961	8.43	1340.0	0.95	99.38	19, 20, 21, 22, 23, 27
03/28/2013	7	6184633	6184633	81411	8.08	1340.0	0.91	100.29	19, 20, 21, 22, 23, 27
04/04/2013	7	6260636	6260636	76003	7.54	1010.0	0.64	100.93	19, 20, 21, 22, 23, 27
04/11/2013	7	6345522	6345522	84886	8.42	1010.0	0.71	101.64	19, 20, 21, 22, 23, 27
04/18/2013	7	6412213	6412213	66691	6.62	899.0	0.50	102.14	19, 20, 21, 22, 23, 27
04/25/2013	7	6463662	6463662	51449	5.10	899.0	0.39	102.53	19, 20, 21, 22, 23, 27
04/29/2013	4	6505768	6505768	42106	7.31	899.0	0.32	102.85	19, 20, 21, 22, 23, 27
05/06/2013	7	6533604	6533604	27836	2.76	899.0	0.21	103.05	19, 20, 21, 22, 23, 27
05/13/2013	7	6612943	6612943	79339	7.87	899.0	0.59	103.65	19, 20, 21, 22, 23, 27
05/21/2013	8	6707588	6707588	94645	8.22	863.0	0.68	104.33	19, 20, 21, 22, 23, 27
05/31/2013	10	6713080	6713080	5492	0.38	863.0	0.04	104.37	19A, 20, 21, 22, 23, 27
06/04/2013	4	6742639	6742639	29559	5.13	1100.0	0.27	104.64	19, 20, 21, 22, 23, 27
06/10/2013	6	6797670	6797670	55031	6.37	1100.0	0.50	105.14	19A, 20, 21, 22, 23, 27
06/17/2013	7	6875946	6875946	78276	7.77	1100.0	0.72	105.86	19A, 20, 21, 22, 23, 27

DRAFT

Notes:

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Groundwater Extraction System Performance
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

Date	Days Operational	Totalizer Reading (gal)	Cumulative Groundwater Recovered (gal)	Volume Recovered per Period (gal)	Average Recovery Rate (gpm)	Average Influent MTBE (µg/l)	MTBE Recovered per Period (lbs)	Cumulative MTBE Recovered (lbs)	Operating Wells
06/28/2013	11	6996111	6996111	120165	7.59	935.0	0.94	106.80	19A, 20, 21, 22, 27
07/01/2013	3	7037007	7037007	40896	9.47	935.0	0.32	107.12	19A, 20, 21, 22, 23, 27
07/10/2013	9	7127685	7127685	90678	7.00	1030.0	0.78	107.90	19A, 20, 21, 22, 23, 27
07/18/2013	8	7145351	7145351	17666	1.53	1320.0	0.19	108.09	19A, 20, 21, 22, 23, 27
07/30/2013	12	7188316	7188316	42965	2.49	1320.0	0.47	108.56	19A, 20, 21, 22, 23, 27
08/09/2013	10	7270318	7270318	82002	5.69	1260.0	0.86	109.42	19A, 20, 21, 22, 23, 27
08/16/2013	7	7310628	7310628	40310	4.00	1260.0	0.42	109.85	19A, 20, 21, 22, 23
08/23/2013	7	7336753	7336753	26125	2.59	1110.0	0.24	110.09	19A, 20, 21, 22, 23, 27
08/30/2013	7	7422033	7422033	85280	8.46	1140.0	0.79	110.88	19A, 20, 21, 22, 23, 27
09/06/2013	7	7482124	7482124	60091	5.96	1020.0	0.51	111.39	19A, 20, 21, 22, 23, 27
09/13/2013	7	7535204	7535204	53080	5.27	1020.0	0.45	111.84	19A, 20, 21, 22, 23, 27
09/16/2013	3	7570987	7570987	35783	8.28	1020.0	0.30	112.14	19A, 20, 21, 22
09/27/2013	11	7652447	7652447	81460	5.14	1040.0	0.71	112.85	19A, 20, 21, 22, 23, 27
10/01/2013	4	7685442	7685442	32995	5.73	1040.0	0.29	113.14	19A, 20, 21, 22, 23, 27
10/10/2013	9	7789077	7789077	103635	8.00	1040.0	0.90	114.04	19A, 20, 21, 22, 23, 27

DRAFT

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Groundwater Extraction System Performance
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gal)</i>	<i>Cumulative Groundwater Recovered (gal)</i>	<i>Volume Recovered per Period (gal)</i>	<i>Average Recovery Rate (gpm)</i>	<i>Average Influent MTBE (µg/l)</i>	<i>MTBE Recovered per Period (lbs)</i>	<i>Cumulative MTBE Recovered (lbs)</i>	<i>Operating Wells</i>
10/16/2013	6	7848286	7848286	59209	6.85	1260.0	0.62	114.66	19A, 20, 21, 22, 23, 27
10/31/2013	15	7849649	7849649	1363	0.06	1700.0	0.02	114.68	19A, 20, 21, 22, 23, 27
11/08/2013	8	7943207	7943207	93558	8.12	1320.0	1.03	115.71	19A, 20, 21, 22, 23, 27
11/11/2013	3	7943207	7943207	0	0.00	1320.0	0.00	115.71	19A, 20, 21, 22, 23, 27
11/22/2013	11	8059521	8059521	116314	7.34	982.0	0.95	116.66	19A, 20, 21, 22, 23, 27
11/25/2013	3	8091191	8091191	31670	7.33	982.0	0.26	116.92	19A, 20, 21, 22, 23, 27
12/02/2013	7	8155694	8155694	64503	6.40	1050.0	0.56	117.48	19A, 20, 21, 22, 23, 27
12/12/2013	10	8207596	8207596	51902	3.60	1050.0	0.45	117.94	19A, 20, 21, 22, 23, 27
12/18/2013	6	8259395	8259395	51799	6.00	1240.0	0.54	118.47	19A, 20, 21, 22, 23, 27
01/03/2014	16	8407471	8407471	148076	6.43	990.0	1.22	119.69	19A, 20, 21, 22, 23
01/10/2014	7	8471363	8471363	63892	6.34	990.0	0.53	120.22	19A, 20, 21, 22, 23
01/31/2014	21	8534346	8534346	62983	2.08	931.0	0.49	120.71	19A, 20, 21, 22, 23, 27
02/04/2014	4	8569122	8569122	34776	6.04	931.0	0.27	120.98	19A, 20, 21, 23
02/12/2014	8	8645629	8645629	76507	6.64	1060.0	0.68	121.65	19A, 20, 21, 23
02/21/2014	9	8733732	8733732	88103	6.80	1060.0	0.78	122.43	19A, 20, 21, 23

DRAFT

Notes:

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MTBE - Methyl tert-butyl ether

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Groundwater Extraction System Performance
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

Date	Days Operational	Totalizer Reading (gal)	Cumulative Groundwater Recovered (gal)	Volume Recovered per Period (gal)	Average Recovery Rate (gpm)	Average Influent MTBE (µg/l)	MTBE Recovered per Period (lbs)	Cumulative MTBE Recovered (lbs)	Operating Wells
02/28/2014	7	8798221	8798221	64489	6.40	788.0	0.42	122.86	19A, 20, 21, 23, 27
03/07/2014	7	8850567	8850567	52346	5.19	788.0	0.34	123.20	19A, 20, 21, 23
03/14/2014	7	8895770	8895770	45203	4.48	561.0	0.21	123.41	19A, 20, 21, 23
03/21/2014	7	8925193	8925193	29423	2.92	561.0	0.14	123.55	19A, 20, 21, 23
03/28/2014	7	8988487	8988487	63294	6.28	657.0	0.35	123.90	19A, 20, 21, 23
04/11/2014	14	9091394	9091394	102907	5.10	619.0	0.53	124.43	19A, 20, 21, 22, 23
04/25/2014	14	9180317	9180317	88923	4.41	1040.0	0.77	125.20	19A, 20, 21, 22, 23
05/02/2014	7	9228396	9228396	48079	4.77	683.0	0.27	125.47	19A, 20, 21, 22, 23, 27
05/09/2014	7	9292745	9292745	64349	6.38	683.0	0.37	125.84	19A, 20, 21, 22, 23, 27
05/14/2014	5	9361991	9361991	69246	9.62	608.0	0.35	126.19	19A, 20, 21, 23, 27
05/20/2014	6	9386407	9386407	24416	2.83	608.0	0.12	126.31	19A, 20, 21, 22, 23, 27
05/30/2014	10	9512456	9512456	126049	8.75	608.0	0.64	126.95	19A, 20, 21, 22, 23, 27
06/06/2014	7	9567266	9567266	54810	5.44	608.0	0.28	127.23	19A, 20, 21, 22, 23, 27
06/13/2014	7	9573068	9573068	5802	0.58	997.0	0.05	127.28	19A, 20, 21, 22, 23, 27
06/17/2014	4	9577115	9577115	4047	0.70	997.0	0.03	127.31	19A, 20, 21, 27

DRAFT

Notes:

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Table B-1
Groundwater Extraction System Performance
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gal)</i>	<i>Cumulative Groundwater Recovered (gal)</i>	<i>Volume Recovered per Period (gal)</i>	<i>Average Recovery Rate (gpm)</i>	<i>Average Influent MTBE (µg/l)</i>	<i>MTBE Recovered per Period (lbs)</i>	<i>Cumulative MTBE Recovered (lbs)</i>	<i>Operating Wells</i>
06/26/2014	9	9591208	9591208	14093	1.09	155.0	0.02	127.33	20

DRAFT

Notes:

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MTBE - Methyl tert-butyl ether

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MTBE Recovered per Period (lbs) = $\text{Volume Recovered (gal)} * 3.775 * \text{MTBE} * 2.208 * 10^{-9}$

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-19					
01/05/2011		1831	NC	NC	NC
01/18/2011	13	1835	4	4	0.000
<i>Note: system down: air stripper hi-level</i>					
01/25/2011	7	1923	88	92	0.009
02/01/2011	7	1925	2	94	0.000
<i>Note: system down: motor fault</i>					
02/07/2011	6	2188	263	357	0.030
02/23/2011	16	4394	2206	2563	0.096
03/03/2011	8	4429	35	2598	0.003
03/07/2011	4	9847	5418	8016	0.941
03/15/2011	8	20994	1147	19168	0.968
03/22/2011	7	31635	10641	29804	1.056
03/29/2011	7	42219	10584	40388	1.050
04/05/2011	7	48549	6330	46718	0.628
04/18/2011	13	69102	20553	67271	1.098
04/27/2011	9	78793	9691	76962	0.748
05/12/2011	15	79088	295	77257	0.014
05/24/2011	12	100964	21876	99133	1.266
05/31/2011	7	112946	11982	111115	1.189
06/15/2011	15	136197	23251	134366	1.076
06/23/2011	8	138500	2303	136669	0.200
06/29/2011	6	147010	8510	145179	0.985
07/07/2011	8	151919	4909	150088	0.426
07/14/2011	7	152826	907	150995	0.090
07/20/2011	6	152834	8	151003	0.001
07/27/2011	7	152834	0	151003	0.000

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-19					
08/24/2011	28	152918	84	151087	0.002
09/21/2011	28	153015	97	151184	0.002
09/28/2011	7	153015	0	151184	0.000
10/03/2011	5	153015	0	151184	0.000
10/20/2011	17	153015	0	151184	0.000
10/27/2011	7	153015	0	151184	0.000
11/03/2011	7	153085	70	151254	0.007
11/09/2011	6	153162	77	151331	0.009
11/16/2011	7	153212	50	151381	0.005
		<i>Note: system down: EQ Pump not working</i>			
11/23/2011	7	153212	0	151381	0.000
		<i>Note: system down: EQ Pump not working</i>			
11/30/2011	7	153212	0	151381	0.000
		<i>Note: system down: EQ Pump not working</i>			
12/21/2011	21	153229	17	151398	0.001
12/28/2011	7	163086	9857	161255	0.978
01/03/2012	6	171381	8295	169550	0.960
01/10/2012	7	171415	34	169584	0.003
01/17/2012	7	171467	52	169636	0.005
01/25/2012	8	172530	1063	170699	0.092
01/26/2012	1	172896	366	171065	0.254
01/27/2012	1	172962	66	171131	0.046
02/02/2012	6	180466	7504	178635	0.869
02/06/2012	4	186605	6139	184774	1.066
02/08/2012	2	189805	3200	187974	1.111
02/13/2012	5	197655	7850	195824	1.090
02/14/2012	1	197670	15	195839	0.010

Notes:

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<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-19					
02/15/2012	1	199393	1723	197562	1.197
02/20/2012	5	206991	7598	205160	1.055
02/24/2012	4	212761	5770	210930	1.002
02/27/2012	3	216876	4115	215045	0.953
03/01/2012	3	221457	4581	219626	1.060
03/05/2012	4	227317	5860	225486	1.017
03/07/2012	2	230253	2936	228422	1.019
03/20/2012	13	241607	11354	239776	0.607
03/29/2012	9	256322	14715	254491	1.135
04/03/2012	5	263710	7388	261879	1.026
04/10/2012	7	272188	8478	270357	0.841
04/17/2012	7	278847	6659	277016	0.661
04/19/2012	2	281997	3150	280166	1.094
04/23/2012	4	287607	5610	285776	0.974
04/24/2012	1	288803	1196	286972	0.831
04/30/2012	6	297153	8350	295322	0.966
05/04/2012	4	302246	5093	300415	0.884
05/10/2012	6	309950	7704	308119	0.892
05/15/2012	5	316429	6479	314598	0.900
05/22/2012	7	325065	8636	323234	0.857
05/31/2012	9	334409	9344	332578	0.721
06/13/2012	13	350526	16117	348695	0.861
06/19/2012	6	357954	7428	356123	0.860
06/27/2012	8	362142	4188	360311	0.364
07/03/2012	6	365221	3079	363390	0.356

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-19					
07/10/2012	7	365221	0	363390	0.000
<i>Note: pump motor clogged - fixed & reset</i>					
07/17/2012	7	373439	8218	371608	0.815
07/26/2012	9	382285	8846	380454	0.683
07/27/2012	1	383062	777	381231	0.540
07/31/2012	4	387559	4497	385728	0.781
<i>Note: 7/27/12 - 7/31/12 First time all 6 RWs operational</i>					
08/01/2012	1	388773	1214	386942	0.843
08/07/2012	6	394944	6171	393113	0.714
08/17/2012	10	397390	2446	395559	0.170
08/23/2012	6	397390	0	395559	0.000
09/01/2012	9	397745	355	395914	0.027
09/05/2012	4	401809	4064	399978	0.706
09/11/2012	6	407887	6078	406056	0.703
09/17/2012	6	414404	6517	412573	0.754
09/25/2012	8	421739	7335	419908	0.637
10/02/2012	7	428342	6603	426511	0.655
10/09/2012	7	434895	6553	433064	0.650
10/16/2012	7	440993	6098	439162	0.605
10/23/2012	7	447045	6052	445214	0.600
10/31/2012	8	448337	1292	446506	0.112
11/09/2012	9	448347	10	446516	0.001
11/13/2012	4	452568	4221	450737	0.733
11/27/2012	14	466410	13842	464579	0.687
11/28/2012	1	467450	1040	465619	0.722
12/04/2012	6	473491	6041	471660	0.699

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-19					
12/13/2012	9	483168	9677	481337	0.747
12/20/2012	7	489290	6122	487459	0.607
12/28/2012	8	497190	7900	495359	0.686
01/03/2013	6	503799	6609	501968	0.765
01/09/2013	6	505550	1751	503719	0.203
01/18/2013	9	513081	7531	511250	0.581
<i>Note: Well Overdrilled - Turned Off</i>					

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Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-19A					
02/18/2013		513081	NC	NC	NC
		<i>Note: Initial start up</i>			
02/21/2013	3	513086	5	5	0.001
02/28/2013	7	513532	446	451	0.044
03/05/2013	5	513590	58	509	0.008
03/14/2013	9	520265	6675	7184	0.515
03/21/2013	7	525461	5196	12380	0.515
03/28/2013	7	530829	5368	17748	0.533
04/04/2013	7	536438	5609	23357	0.556
04/11/2013	7	542391	5953	29310	0.591
04/18/2013	7	548326	5935	35245	0.589
04/25/2013	7	554363	6037	41282	0.599
04/29/2013	4	557628	3265	44547	0.567
05/06/2013	7	558320	692	45239	0.069
05/13/2013	7	561159	2839	48078	0.282
05/21/2013	8	568498	7339	55417	0.637
06/04/2013	14	569843	1345	56762	0.067
06/10/2013	6	571420	1577	58339	0.183
06/17/2013	7	573734	2314	60653	0.230
06/28/2013	11	582055	8321	68974	0.525
07/01/2013	3	585226	3171	72145	0.734
07/10/2013	9	591389	6163	78308	0.476
07/18/2013	8	592738	1349	79657	0.117
07/30/2013	12	595110	2372	82029	0.137
08/09/2013	10	596230	1120	83149	0.078
08/16/2013	7	596458	228	83377	0.023

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-19A					
08/23/2013	7	598068	1610	84987	0.160
08/30/2013	7	599479	1411	86398	0.140
09/06/2013	7	601617	2138	88536	0.212
09/13/2013	7	603379	1762	90298	0.175
09/16/2013	3	605245	1866	92164	0.432
09/27/2013	11	609126	3881	96045	0.245
10/01/2013	4	609488	362	96407	0.063
10/10/2013	9	613551	4063	100470	0.314
10/16/2013	6	615881	2330	102800	0.270
10/31/2013	15	616042	161	102961	0.007
11/08/2013	8	620924	4882	107843	0.424
11/11/2013	3	620929	5	107848	0.001
11/22/2013	11	626662	5733	113581	0.362
11/25/2013	3	628161	1499	115080	0.347
12/02/2013	7	631677	3516	118596	0.349
12/12/2013	10	634925	3248	121844	0.226
12/18/2013	6	639015	4090	125934	0.473
01/03/2014	16	649136	10121	136055	0.439
01/10/2014	7	652947	3811	139866	0.378
01/31/2014	21	655946	2999	142865	0.099
02/04/2014	4	655946	0	142865	0.000
02/12/2014	8	655956	10	142875	0.001
02/21/2014	9	655959	3	142878	0.000
02/28/2014	7	655972	13	142891	0.001
03/07/2014	7	655973	1	142892	0.000
03/14/2014	7	655975	2	142894	0.000

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-19A					
03/21/2014	7	655975	0	142894	0.000
03/28/2014	7	656048	73	142967	0.007
04/11/2014	14	656083	35	143002	0.002
04/25/2014	14	656171	88	143090	0.004
05/02/2014	7	658153	1982	145072	0.197
05/09/2014	7	658153	0	145072	0.000
05/14/2014	5	658287	134	145206	0.019
05/20/2014	6	658346	59	145265	0.007
05/30/2014	10	659228	882	146147	0.061
06/06/2014	7	659595	367	146514	0.036
06/13/2014	7	659898	303	146817	0.030
06/17/2014	4	659941	43	146860	0.007
06/26/2014	9	660169	228	147088	0.018

Note: OFF

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-20					
01/05/2011		61930	NC	NC	NC
01/18/2011	13	75052	13122	13122	0.701
01/25/2011	7	90577	15525	28647	1.540
02/01/2011	7	94208	3631	32278	0.360
02/07/2011	6	97416	3208	35486	0.371
02/23/2011	16	112223	14807	50293	0.643
03/03/2011	8	117425	5202	55495	0.452
03/07/2011	4	128199	10774	66269	1.870
03/15/2011	8	140190	11991	78260	1.041
03/22/2011	7	151946	11756	90016	1.166
03/29/2011	7	166741	14795	104811	1.468
04/05/2011	7	184956	18215	123026	1.807
04/18/2011	13	210200	25244	148270	1.349
04/27/2011	9	227868	17668	165938	1.363
05/12/2011	15	228485	617	166555	0.029
05/24/2011	12	267178	38693	205248	2.239
05/31/2011	7	286957	19779	225027	1.962
06/15/2011	15	324956	37999	263026	1.759
06/23/2011	8	328923	3967	266993	0.344
06/29/2011	6	344047	15124	282117	1.750
07/07/2011	8	353942	9895	292012	0.859
07/14/2011	7	355715	1773	293785	0.176
07/20/2011	6	362925	7210	300995	0.834
07/27/2011	7	375893	12968	313963	1.287
08/24/2011	28	413786	37893	351856	0.940
09/21/2011	28	419373	5587	357443	0.139

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-20					
09/28/2011	7	424600	5227	362670	0.519
10/03/2011	5	444388	19788	382458	2.748
10/20/2011	17	451654	7266	389724	0.297
10/27/2011	7	462706	11052	400776	1.096
11/03/2011	7	480605	17899	418675	1.776
11/09/2011	6	486795	6190	424865	0.716
11/16/2011	7	497032	10237	435102	1.016
		<i>Note: system down: EQ Pump not working</i>			
11/23/2011	7	497032	0	435102	0.000
		<i>Note: system down: EQ Pump not working</i>			
11/30/2011	7	497032	0	435102	0.000
		<i>Note: system down: EQ Pump not working</i>			
12/21/2011	21	497096	64	435166	0.002
12/28/2011	7	520104	2308	458174	2.283
01/03/2012	6	538853	18749	476923	2.170
01/10/2012	7	559590	20737	497660	2.057
01/17/2012	7	581053	21463	519123	2.129
01/25/2012	8	583321	2268	521391	0.197
01/26/2012	1	587017	3696	525087	2.567
01/27/2012	1	590464	3447	528534	2.394
02/02/2012	6	609552	19088	547622	2.209
02/06/2012	4	620450	10898	558520	1.892
02/08/2012	2	626122	5672	564192	1.969
02/13/2012	5	640652	14530	578722	2.018
02/14/2012	1	640689	37	578759	0.026
02/15/2012	1	643728	3039	581798	2.110
02/20/2012	5	657909	14181	595979	1.970

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-20					
02/24/2012	4	668797	10888	606867	1.890
02/27/2012	3	676590	7793	614660	1.804
03/01/2012	3	685154	8564	623224	1.982
03/05/2012	4	695977	10823	634047	1.879
03/07/2012	2	701655	5678	639725	1.972
03/20/2012	13	723717	22062	661787	1.179
03/29/2012	9	752736	29019	690806	2.239
04/03/2012	5	766803	14067	704873	1.954
04/10/2012	7	783736	16933	721806	1.680
04/17/2012	7	796876	13140	734946	1.304
04/19/2012	2	803097	6221	741167	2.160
04/23/2012	4	814121	11024	752191	1.914
04/24/2012	1	816488	2367	754558	1.644
04/30/2012	6	833090	16602	771160	1.922
05/04/2012	4	843211	10121	781281	1.757
05/10/2012	6	858507	15296	796577	1.770
05/15/2012	5	871359	12852	809429	1.785
05/22/2012	7	888644	17285	826714	1.715
05/31/2012	9	907573	18929	845643	1.461
06/13/2012	13	935128	27555	873198	1.472
06/19/2012	6	950453	15325	888523	1.774
06/27/2012	8	958695	8242	896765	0.715
07/03/2012	6	969466	10771	907536	1.247
07/10/2012	7	985988	16522	924058	1.639
07/17/2012	7	1001566	15578	939636	1.545
07/26/2012	9	1018247	16681	956317	1.287

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-20					
07/27/2012	1	1019528	1281	957598	0.890
07/31/2012	4	1027081	7553	965151	1.311
<i>Note: 7/27/12 - 7/31/12 First time all 6 RWs operational</i>					
08/01/2012	1	1029139	2058	967209	1.429
08/07/2012	6	1039653	10514	977723	1.217
08/17/2012	10	1056793	17140	994863	1.190
08/23/2012	6	1066837	10044	1004907	1.163
09/01/2012	9	1075098	8261	1013168	0.637
09/05/2012	4	1075701	603	1013771	0.105
09/11/2012	6	1081101	5400	1019171	0.625
09/17/2012	6	1082441	1343	1020514	0.155
09/25/2012	8	1095390	12946	1033460	1.124
10/02/2012	7	1108148	12758	1046218	1.266
10/09/2012	7	1115370	7222	1053440	0.716
10/16/2012	7	1126358	10988	1064428	1.090
10/23/2012	7	1126657	299	1064727	0.030
10/31/2012	8	1130688	4031	1068758	0.350
11/09/2012	9	1138325	7637	1076395	0.589
11/13/2012	4	1144940	6615	1083010	1.148
11/20/2012	7	1148612	3672	1086682	0.364
11/27/2012	7	1153774	5162	1091844	0.512
11/28/2012	1	1155438	1664	1093508	1.156
12/04/2012	6	1155639	201	1093709	0.023
12/20/2012	16	1163718	8079	1101788	0.351
12/28/2012	8	1176672	12954	1114742	1.124
01/03/2013	6	1187823	11151	1125893	1.291

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-20					
01/09/2013	6	1195833	8010	1133903	0.927
01/18/2013	9	1210425	14592	1148495	1.126
01/25/2013	7	1222041	11616	1160111	1.152
02/07/2013	13	1242422	20381	1180492	1.089
02/14/2013	7	1254120	11698	1192190	1.161
02/21/2013	7	1267622	13502	1205692	1.339
02/28/2013	7	1277574	9952	1215644	0.987
03/05/2013	5	1287360	9786	1225430	1.359
03/14/2013	9	1304674	17314	1242744	1.336
03/21/2013	7	1318131	13457	1256201	1.335
03/28/2013	7	1331949	13818	1270019	1.371
04/04/2013	7	1345818	13869	1283888	1.376
04/11/2013	7	1359773	13955	1297843	1.384
04/18/2013	7	1370543	10770	1308613	1.068
04/25/2013	7	1370543	0	1308613	0.000
04/29/2013	4	1378826	8283	1316896	1.438
05/06/2013	7	1387753	8927	1325823	0.886
05/13/2013	7	1403691	15938	1341761	1.581
05/21/2013	8	1421851	18160	1359921	1.576
06/04/2013	14	1429021	7170	1367091	0.356
06/10/2013	6	1445561	16540	1383631	1.914
06/17/2013	7	1453554	7993	1391624	0.793
06/28/2013	11	1476668	23114	1414738	1.459
07/01/2013	3	1484889	8221	1422959	1.903
07/10/2013	9	1506810	21921	1444880	1.691
07/18/2013	8	1510304	3494	1448374	0.303

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-20					
07/30/2013	12	1514331	4027	1452401	0.233
08/09/2013	10	1533132	18801	1471202	1.306
08/16/2013	7	1550607	17475	1488677	1.734
08/23/2013	7	1555698	5091	1493768	0.505
08/30/2013	7	1571395	15697	1509465	1.557
09/06/2013	7	1586562	15167	1524632	1.505
09/13/2013	7	1599165	12603	1537235	1.250
09/16/2013	3	1605512	6347	1543582	1.469
09/27/2013	11	1609956	4444	1548026	0.281
10/01/2013	4	1618096	8140	1556166	1.413
10/10/2013	9	1634298	16172	1572338	1.248
10/16/2013	6	1634642	374	1572712	0.043
10/31/2013	15	1635080	438	1573150	0.020
11/08/2013	8	1651439	16359	1589509	1.420
11/11/2013	3	1651450	11	1589520	0.003
11/22/2013	11	1671635	20185	1609705	1.274
11/25/2013	3	1677211	5576	1615281	1.291
12/02/2013	7	1677954	743	1616024	0.074
12/12/2013	10	1677954	0	1616024	0.000
12/18/2013	6	1690984	13030	1629054	1.508
01/03/2014	16	1728738	37754	1666808	1.639
01/10/2014	7	1745233	16495	1683303	1.636
01/31/2014	21	1763753	18520	1701823	0.612
02/04/2014	4	1775849	12096	1713919	2.100
02/12/2014	8	1798295	22446	1736365	1.948
02/21/2014	9	1823714	25419	1761784	1.961

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-20					
02/28/2014	7	1844892	21178	1782962	2.101
03/07/2014	7	1866081	21189	1804151	2.102
03/14/2014	7	1883494	17413	1821564	1.727
03/21/2014	7	1883494	0	1821564	0.000
03/28/2014	7	1907291	23797	1845361	2.361
04/11/2014	14	1945765	38474	1883835	1.908
04/25/2014	14	2007232	61467	1945302	3.049
05/02/2014	7	2041135	33903	1979205	3.363
05/09/2014	7	2075453	34318	2013523	3.405
05/14/2014	5	2099528	24075	2037598	3.344
05/20/2014	6	2108484	8956	2046554	1.037
05/30/2014	10	2143696	35212	2081766	2.445
06/06/2014	7	2157139	13443	2095209	1.334
06/13/2014	7	2158350	1211	2096420	0.120
06/17/2014	4	2160050	1700	2098120	0.295
06/26/2014	9	2162459	2409	2100529	0.186

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-21					
01/05/2011		76610	NC	NC	NC
01/18/2011	13	96777	20167	20167	1.077
01/25/2011	7	119126	22349	42516	2.217
02/01/2011	7	126219	7093	49609	0.704
02/07/2011	6	146514	20295	69904	2.349
02/23/2011	16	174571	28057	97961	1.218
03/03/2011	8	181301	6730	104691	0.584
03/07/2011	4	194836	13535	118226	2.350
03/15/2011	8	220172	25336	143562	2.199
03/22/2011	7	242798	22626	166188	2.245
03/29/2011	7	264577	21779	187967	2.161
04/05/2011	7	285927	21350	209317	2.118
04/18/2011	13	326972	41045	250362	2.193
04/27/2011	9	347079	20107	270469	1.551
05/12/2011	15	347534	455	270924	0.021
05/24/2011	12	385499	37965	308889	2.197
05/31/2011	7	407877	22378	331267	2.220
06/15/2011	15	452335	44458	375725	2.058
06/23/2011	8	456890	4555	380280	0.395
06/29/2011	6	474854	17964	398244	2.079
07/07/2011	8	487199	12345	410589	1.072
07/14/2011	7	489253	2054	412643	0.204
07/20/2011	6	492743	3490	416133	0.404
07/27/2011	7	515456	22713	438846	2.253
08/24/2011	28	586277	70821	509667	1.756
09/21/2011	28	593173	6896	516563	0.171

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-21					
09/28/2011	7	612252	19079	535642	1.893
10/03/2011	5	626124	13872	549514	1.927
10/20/2011	17	667518	41394	590908	1.691
10/27/2011	7	683810	16292	607200	1.616
11/03/2011	7	711572	27762	634962	2.754
11/09/2011	6	720757	9185	644147	1.063
11/16/2011	7	737432	16675	660822	1.654
		<i>Note: system down: EQ Pump not working</i>			
11/23/2011	7	737432	0	660822	0.000
		<i>Note: system down: EQ Pump not working</i>			
11/30/2011	7	737432	0	660822	0.000
		<i>Note: system down: EQ Pump not working</i>			
12/21/2011	21	737468	36	660858	0.001
12/28/2011	7	769576	32108	692966	3.185
01/03/2012	6	790160	20584	713550	2.382
01/10/2012	7	820340	30180	743730	2.994
01/17/2012	7	833273	12933	756663	1.283
01/25/2012	8	836241	2968	759631	0.258
01/26/2012	1	840848	4607	764238	3.199
01/27/2012	1	845271	4423	768661	3.072
02/02/2012	6	864885	19614	788275	2.270
02/06/2012	4	881753	16868	805143	2.928
02/08/2012	2	890769	9016	814159	3.131
02/13/2012	5	913295	22526	836685	3.129
02/14/2012	1	913332	37	836722	0.026
02/15/2012	1	917638	4306	841028	2.990
02/20/2012	5	939153	21515	862543	2.988

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-21					
02/24/2012	4	956121	16968	879511	2.946
02/27/2012	3	968599	12478	891989	2.888
03/01/2012	3	982369	13770	905759	3.188
03/05/2012	4	999986	17617	923376	3.059
03/07/2012	2	1009082	9096	932472	3.158
03/20/2012	13	1041479	32397	964869	1.731
03/29/2012	9	1081799	40320	1005189	3.111
04/03/2012	5	1101736	19937	1025126	2.769
04/10/2012	7	1125423	23687	1048813	2.350
04/17/2012	7	1143595	18172	1066985	1.803
04/19/2012	2	1151893	8298	1075283	2.881
04/23/2012	4	1167241	15348	1090631	2.665
04/24/2012	1	1170590	3349	1093980	2.326
04/30/2012	6	1194229	23639	1117619	2.736
05/04/2012	4	1208567	14338	1131957	2.489
05/10/2012	6	1229861	21294	1153251	2.465
05/15/2012	5	1246897	17036	1170287	2.366
05/22/2012	7	1269300	22403	1192690	2.223
05/31/2012	9	1294899	25599	1218289	1.975
06/13/2012	13	1327180	32281	1250570	1.724
06/19/2012	6	1327582	402	1250972	0.047
06/27/2012	8	1327582	0	1250972	0.000
07/03/2012	6	1327582	0	1250972	0.000
07/10/2012	7	1327582	0	1250972	0.000
<i>Note: pump motor clogged - fixed & reset</i>					
07/17/2012	7	1354294	26712	1277684	2.650

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-21					
07/26/2012	9	1369942	15648	1293332	1.207
07/27/2012	1	1372466	2524	1295856	1.753
07/31/2012	4	1387218	14752	1310608	2.561
<i>Note: 7/27/12 - 7/31/12 First time all 6 RWs operational</i>					
08/01/2012	1	1391282	4064	1314672	2.822
08/07/2012	6	1412578	21296	1335968	2.465
08/17/2012	10	1448017	35439	1371407	2.461
08/23/2012	6	1448771	754	1372161	0.087
09/01/2012	9	1484142	35371	1407532	2.729
09/05/2012	4	1498343	14201	1421733	2.465
09/11/2012	6	1518704	20361	1442094	2.357
09/17/2012	6	1539191	20487	1462581	2.371
09/25/2012	8	1565876	26685	1489266	2.316
10/02/2012	7	1566417	541	1489807	0.054
10/09/2012	7	1590176	23759	1513566	2.357
10/16/2012	7	1613893	23717	1537283	2.353
10/23/2012	7	1637768	23875	1561158	2.369
10/31/2012	8	1645990	8222	1569380	0.714
11/09/2012	9	1679621	33631	1603011	2.595
11/13/2012	4	1694724	15103	1618114	2.622
11/20/2012	7	1720481	25757	1643871	2.555
11/27/2012	7	1744919	24438	1668309	2.424
11/28/2012	1	1748453	3534	1671843	2.454
12/04/2012	6	1769145	20692	1692535	2.395
12/13/2012	9	1799883	30738	1723273	2.372
12/20/2012	7	1820641	20758	1744031	2.059

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-21					
12/28/2012	8	1849703	29062	1773093	2.523
01/03/2013	6	1875850	26147	1799240	3.026
01/09/2013	6	1894610	18760	1818000	2.171
01/18/2013	9	1927695	33085	1851085	2.553
01/25/2013	7	1953168	25473	1876558	2.527
02/07/2013	13	2001453	48285	1924843	2.579
02/14/2013	7	2025175	23722	1948565	2.353
02/21/2013	7	2050660	25485	1974050	2.528
02/28/2013	7	2070148	19488	1993538	1.933
03/05/2013	5	2088576	18428	2011966	2.559
03/14/2013	9	2121924	33348	2045314	2.573
03/21/2013	7	2147499	25575	2070889	2.537
03/28/2013	7	2172399	24900	2095789	2.470
04/04/2013	7	2197366	24967	2120756	2.477
04/11/2013	7	2222548	25182	2145938	2.498
04/18/2013	7	2247322	24774	2170712	2.458
04/25/2013	7	2272087	24765	2195477	2.457
04/29/2013	4	2285339	13252	2208729	2.301
05/06/2013	7	2298028	12689	2221418	1.259
05/13/2013	7	2322854	24826	2246244	2.463
05/21/2013	8	2322854	0	2246244	0.000
06/04/2013	14	2333728	10874	2257118	0.539
06/10/2013	6	2356171	22443	2279561	2.598
06/17/2013	7	2382287	26116	2305677	2.591
06/28/2013	11	2420636	38349	2344026	2.421
07/01/2013	3	2432040	11404	2355430	2.640

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-21					
07/10/2013	9	2463307	31267	2386697	2.413
07/18/2013	8	2468324	5017	2391714	0.436
07/30/2013	12	2477267	8943	2400657	0.518
08/09/2013	10	2503523	26256	2426913	1.823
08/16/2013	7	2504797	1274	2428187	0.126
08/23/2013	7	2511528	6731	2434918	0.668
08/30/2013	7	2535709	24181	2459099	2.399
09/06/2013	7	2560116	24407	2483506	2.421
09/13/2013	7	2581286	21170	2504676	2.100
09/16/2013	3	2581287	1	2504677	0.000
09/27/2013	11	2581287	0	2504677	0.000
10/01/2013	4	2581287	0	2504677	0.000
10/10/2013	9	2581287	0	2504677	0.000
10/16/2013	6	2581287	0	2504677	0.000
10/31/2013	15	2581651	364	2505041	0.017
11/08/2013	8	2609849	28198	2533239	2.448
11/11/2013	3	2609857	8	2533247	0.002
11/22/2013	11	2646708	36851	2570098	2.326
11/25/2013	3	2657282	10574	2580672	2.448
12/02/2013	7	2681866	24584	2605256	2.439
12/12/2013	10	2703009	21143	2626399	1.468
12/18/2013	6	2722153	19144	2645543	2.216
01/03/2014	16	2779185	57032	2702575	2.475
01/10/2014	7	2804067	24882	2727457	2.468
01/31/2014	21	2829624	25557	2753014	0.845
02/04/2014	4	2844691	15067	2768081	2.616

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-21					
02/12/2014	8	2873081	28390	2796471	2.464
02/21/2014	9	2905702	32621	2829092	2.517
02/28/2014	7	2933402	27700	2856792	2.748
03/07/2014	7	2960713	27311	2884103	2.709
03/14/2014	7	2982010	21297	2905400	2.113
03/21/2014	7	3010934	28924	2934324	2.869
03/28/2014	7	3037730	26796	2961120	2.658
04/11/2014	14	3081507	43777	3004897	2.171
04/25/2014	14	3081507	0	3004897	0.000
05/02/2014	7	3081507	0	3004897	0.000
05/09/2014	7	3081508	1	3004898	0.000
05/14/2014	5	3082358	850	3005748	0.118
05/20/2014	6	3082358	0	3005748	0.000
05/30/2014	10	3082368	10	3005758	0.001
06/06/2014	7	3088977	6609	3012367	0.656
06/13/2014	7	3090539	1562	3013929	0.155
06/17/2014	4	3091624	1085	3015014	0.188
06/26/2014	9	3102415	10791	3025805	0.833
		Note: OFF			

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-22					
01/05/2011		49731	NC	NC	NC
01/18/2011	13	50895	1164	1164	0.062
01/25/2011	7	53719	2824	3988	0.280
02/01/2011	7	58810	5091	9079	0.505
02/07/2011	6	72301	13491	22570	1.561
02/23/2011	16	91925	19624	42194	0.852
03/03/2011	8	97113	5188	47382	0.450
03/07/2011	4	107575	10462	57844	1.816
03/15/2011	8	127133	19558	77402	1.698
03/22/2011	7	144909	17776	95178	1.763
03/29/2011	7	162045	17136	112314	1.700
04/05/2011	7	179416	17371	129685	1.723
04/18/2011	13	196814	17398	147083	0.929
04/27/2011	9	199625	2811	149894	0.217
05/12/2011	15	200166	541	150435	0.025
05/24/2011	12	226863	26697	177132	1.545
05/31/2011	7	231920	5057	182189	0.502
06/15/2011	15	264708	32788	214977	1.518
06/23/2011	8	269147	4439	219416	0.385
06/29/2011	6	285671	16524	235940	1.913
07/07/2011	8	296810	11139	247079	0.967
07/14/2011	7	298808	1998	249077	0.198
07/20/2011	6	299386	578	249655	0.067
07/27/2011	7	310179	10793	260448	1.071
08/24/2011	28	364772	54593	315041	1.354
09/21/2011	28	367398	2626	317667	0.065

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-22					
09/28/2011	7	383341	15943	333610	1.582
10/03/2011	5	396718	13377	346987	1.858
10/20/2011	17	398797	2079	349066	0.085
10/27/2011	7	414087	15290	364356	1.517
11/03/2011	7	421229	7142	371498	0.709
11/09/2011	6	427522	6293	377791	0.728
11/16/2011	7	437383	9861	387652	0.978
		<i>Note: system down: EQ Pump not working</i>			
11/23/2011	7	437383	0	387652	0.000
		<i>Note: system down: EQ Pump not working</i>			
11/30/2011	7	437383	0	387652	0.000
		<i>Note: system down: EQ Pump not working</i>			
12/21/2011	21	437471	88	387740	0.003
12/28/2011	7	453162	20691	408431	2.053
01/03/2012	6	471416	13254	421685	1.534
01/10/2012	7	491708	20292	441977	2.013
01/17/2012	7	499748	8040	450017	0.798
01/25/2012	8	501994	2246	452263	0.195
01/26/2012	1	505214	3220	455483	2.236
01/27/2012	1	507958	2744	458227	1.906
02/02/2012	6	521127	13169	471396	1.524
02/06/2012	4	531624	10497	481893	1.822
02/08/2012	2	537465	5841	487734	2.028
02/13/2012	5	552309	14844	502578	2.062
02/14/2012	1	552349	40	502618	0.028
02/15/2012	1	553982	1633	504251	1.134
02/20/2012	5	560560	6578	510829	0.914

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-22					
02/24/2012	4	572195	11635	522464	2.020
02/27/2012	3	574709	2514	524978	0.582
03/01/2012	3	584254	9545	534523	2.209
03/05/2012	4	596016	11762	546285	2.042
03/07/2012	2	598640	2624	548909	0.911
03/20/2012	13	623195	24555	573464	1.312
03/29/2012	9	654403	31208	604672	2.408
04/03/2012	5	669572	15169	619841	2.107
04/10/2012	7	688254	18682	638523	1.853
04/17/2012	7	702780	14526	653049	1.441
04/19/2012	2	709765	6985	660034	2.425
04/23/2012	4	722242	12477	672511	2.166
04/24/2012	1	724919	2677	675188	1.859
04/30/2012	6	743766	18847	694035	2.181
05/04/2012	4	754498	10732	704767	1.863
05/10/2012	6	770808	16310	721077	1.888
05/15/2012	5	784749	13941	735018	1.936
05/22/2012	7	787029	2280	737298	0.226
05/31/2012	9	809276	22247	759545	1.717
06/13/2012	13	836043	26767	786312	1.430
06/19/2012	6	838182	2139	788451	0.248
06/27/2012	8	847990	9808	798259	0.851
07/03/2012	6	860111	12121	810380	1.403
07/10/2012	7	868498	8387	818767	0.832
07/17/2012	7	888312	19814	838581	1.966
07/26/2012	9	900148	11836	850417	0.913

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-22					
07/27/2012	1	902016	1868	852285	1.297
07/31/2012	4	912891	10875	863160	1.888
<i>Note: 7/27/12 - 7/31/12 First time all 6 RWs operational</i>					
08/01/2012	1	915883	2992	866152	2.078
08/07/2012	6	931435	15552	881704	1.800
08/17/2012	10	953310	21875	903579	1.519
08/23/2012	6	955481	2171	905750	0.251
09/01/2012	9	967548	12067	917817	0.931
09/05/2012	4	977916	10368	928185	1.800
09/11/2012	6	987570	9654	937839	1.117
09/17/2012	6	992627	5057	942896	0.585
09/25/2012	8	1013020	20393	963289	1.770
10/02/2012	7	1013480	460	963749	0.046
10/09/2012	7	1014994	1514	965263	0.150
10/16/2012	7	1031913	16919	982182	1.678
10/23/2012	7	1044925	13012	995194	1.291
10/31/2012	8	1048706	3781	998975	0.328
11/09/2012	9	1055568	6862	1005837	0.529
11/13/2012	4	1066776	11208	1017045	1.946
11/20/2012	7	1086737	19961	1037006	1.980
11/27/2012	7	1106519	19782	1056788	1.963
11/28/2012	1	1109483	2964	1059752	2.058
12/04/2012	6	1125038	15555	1075307	1.800
12/13/2012	9	1148607	23569	1098876	1.819
12/20/2012	7	1164716	16109	1114985	1.598
12/28/2012	8	1181407	16691	1131676	1.449

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-22					
01/03/2013	6	1200471	19064	1150740	2.206
01/09/2013	6	1214252	13781	1164521	1.595
01/18/2013	9	1238831	24579	1189100	1.897
01/25/2013	7	1257991	19160	1208260	1.901
02/07/2013	13	1294798	36807	1245067	1.966
02/14/2013	7	1313335	18537	1263604	1.839
02/21/2013	7	1332157	18822	1282426	1.867
02/28/2013	7	1344445	12288	1294714	1.219
03/05/2013	5	1357520	13075	1307789	1.816
03/14/2013	9	1366683	9163	1316952	0.707
03/21/2013	7	1385605	18922	1335874	1.877
03/28/2013	7	1404541	19236	1355110	1.908
04/04/2013	7	1424070	19229	1374339	1.908
04/11/2013	7	1443472	19402	1393741	1.925
04/18/2013	7	1456071	12599	1406340	1.250
04/25/2013	7	1459475	3404	1409744	0.338
04/29/2013	4	1470432	10957	1420701	1.902
05/06/2013	7	1481100	10668	1431369	1.058
05/13/2013	7	1501412	20312	1451681	2.015
05/21/2013	8	1524970	23558	1475239	2.045
06/04/2013	14	1533548	8578	1483817	0.425
06/10/2013	6	1534247	699	1484516	0.081
06/17/2013	7	1555580	21333	1505849	2.116
06/28/2013	11	1579296	23716	1529565	1.497
07/01/2013	3	1589397	10101	1539666	2.338
07/10/2013	9	1597931	8534	1548200	0.658

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

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Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-22					
07/18/2013	8	1602460	4529	1552729	0.393
07/30/2013	12	1614070	11610	1564339	0.672
08/09/2013	10	1632529	18459	1582798	1.282
08/16/2013	7	1633645	1116	1583914	0.111
08/23/2013	7	1638729	5084	1588998	0.504
08/30/2013	7	1655339	16610	1605608	1.648
09/06/2013	7	1659384	4045	1609653	0.401
09/13/2013	7	1666148	6764	1616417	0.671
09/16/2013	3	1673800	7652	1624069	1.771
09/27/2013	11	1698706	24906	1648975	1.572
10/01/2013	4	1707975	9269	1658244	1.609
10/10/2013	9	1727974	19999	1678243	1.543
10/16/2013	6	1740653	12679	1690922	1.467
10/31/2013	15	1741236	583	1691505	0.027
11/08/2013	8	1762371	21135	1712640	1.835
11/11/2013	3	1762393	22	1712662	0.005
11/22/2013	11	1789610	27217	1739879	1.718
11/25/2013	3	1797003	7393	1747272	1.711
12/02/2013	7	1813791	16788	1764060	1.665
12/12/2013	10	1828369	14578	1778638	1.012
12/18/2013	6	1843270	14901	1793539	1.725
01/03/2014	16	1884885	41615	1835154	1.806
01/10/2014	7	1903184	18299	1853453	1.815
01/31/2014	21	1917265	14081	1867534	0.466
02/04/2014	4	1917265	0	1867534	0.000
02/12/2014	8	1917265	0	1867534	0.000

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-22					
02/21/2014	9	1917265	0	1867534	0.000
02/28/2014	7	1917265	0	1867534	0.000
03/07/2014	7	1917265	0	1867534	0.000
03/14/2014	7	1917265	0	1867534	0.000
03/21/2014	7	1917265	0	1867534	0.000
03/28/2014	7	1917266	1	1867535	0.000
04/11/2014	14	1917266	0	1867535	0.000
04/25/2014	14	1917266	0	1867535	0.000
05/02/2014	7	1917266	0	1867535	0.000
05/09/2014	7	1917266	0	1867535	0.000
05/14/2014	5	1917266	0	1867535	0.000
05/20/2014	6	1917282	16	1867551	0.002
05/30/2014	10	1917282	0	1867551	0.000
06/06/2014	7	1935052	17770	1885321	1.763
06/13/2014	7	1949722	14670	1899991	1.455
06/17/2014	4	1965357	15635	1915626	2.714
06/26/2014	9	1965357	0	1915626	0.000

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-23					
01/05/2011		427	NC	NC	NC
01/18/2011	13	438	11	11	0.001
01/25/2011	7	439	1	12	0.000
02/01/2011	7	439	0	12	0.000
02/07/2011	6	439	0	12	0.000
02/23/2011	16	440	1	13	0.000
03/03/2011	8	440	0	13	0.000
03/07/2011	4	440	0	13	0.000
03/15/2011	8	440	0	13	0.000
03/22/2011	7	59521	59081	59094	5.861
03/29/2011	7	117000	57479	116573	5.702
04/05/2011	7	156734	39784	156357	3.947
04/18/2011	13	267261	110477	266834	5.902
04/27/2011	9	326305	59044	325878	4.556
05/12/2011	15	327935	1630	327508	0.075
05/24/2011	12	429615	101680	429188	5.884
05/31/2011	7	483708	54093	483281	5.366
06/15/2011	15	546668	62960	546241	2.915
06/23/2011	8	546669	1	546242	0.000
		<i>Note: System Down</i>			
06/29/2011	6	546669	0	546242	0.000
07/07/2011	8	546669	0	546242	0.000
		<i>Note: System Down</i>			
07/14/2011	7	546669	0	546242	0.000
		<i>Note: System Down: blocked PVC pipe to Air Stripper</i>			
07/20/2011	6	546669	0	546242	0.000
07/27/2011	7	546670	1	546243	0.000

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

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15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-23					
08/24/2011	28	546675	5	546248	0.000
09/21/2011	28	546675	0	546248	0.000
09/28/2011	7	546675	0	546248	0.000
10/03/2011	5	546676	1	546249	0.000
10/20/2011	17	547486	810	547059	0.033
10/27/2011	7	604224	56738	603797	5.629
11/03/2011	7	604867	643	604440	0.064
11/09/2011	6	605448	581	605021	0.067
11/16/2011	7	643426	37978	642999	3.768
		<i>Note: system down: EQ Pump not working</i>			
11/23/2011	7	643426	0	642999	0.000
		<i>Note: system down: EQ Pump not working</i>			
11/30/2011	7	643426	0	642999	0.000
		<i>Note: system down: EQ Pump not working</i>			
12/21/2011	21	643699	273	643272	0.009
12/28/2011	7	694467	50768	694040	5.037
01/03/2012	6	721970	27503	721543	3.183
01/10/2012	7	775504	53534	775077	5.311
01/17/2012	7	844205	68701	843778	6.816
01/25/2012	8	915271	71066	914844	6.169
01/26/2012	1	925262	9991	924835	6.938
01/27/2012	1	934700	9438	934273	6.554
02/02/2012	6	990924	56224	990497	6.507
02/06/2012	4	1025410	34486	1024983	5.987
02/08/2012	2	1043048	17638	1042621	6.124
02/13/2012	5	1077017	33969	1076590	4.718
02/14/2012	1	1077104	87	1076677	0.060

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

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NC - Not Collected

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Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-23					
02/15/2012	1	1086981	9877	1086554	6.859
02/20/2012	5	1107030	20049	1106603	2.785
02/24/2012	4	1107030	0	1106603	0.000
02/27/2012	3	1107030	0	1106603	0.000
<i>Note: RW-23 Totalizer reset</i>					
03/01/2012	3	832	832	1107435	0.193
03/05/2012	4	5713	4881	1112316	0.847
03/07/2012	2	8046	2333	1114649	0.810
03/20/2012	13	8046	0	1114649	0.000
03/29/2012	9	8825	779	1115428	0.060
04/03/2012	5	8825	1	1115429	0.000
04/10/2012	7	8825	0	1115429	0.000
04/16/2012	6	8825	0	1115429	0.000
04/17/2012	1	11500	2674	1118103	1.857
04/19/2012	2	18156	6656	1124759	2.311
04/23/2012	4	30303	12147	1136906	2.109
04/24/2012	1	32956	2653	1139559	1.842
04/27/2012	3	42463	9507	1149066	2.201
04/30/2012	3	46307	3844	1152910	0.890
05/04/2012	4	89029	42722	1195632	7.417
05/10/2012	6	162675	73646	1269278	8.524
05/15/2012	5	225372	62697	1331975	8.708
05/22/2012	7	314217	88845	1420820	8.814
05/31/2012	9	412175	97958	1518778	7.558
06/13/2012	13	572991	160816	1679594	8.591
06/19/2012	6	646628	73637	1753231	8.523

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

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Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-23					
06/27/2012	8	745457	98829	1852060	8.579
07/03/2012	6	798642	53185	1905245	6.156
07/10/2012	7	887141	88499	1993744	8.780
07/17/2012	7	968517	81376	2075120	8.073
07/26/2012	9	1043126	74609	2149729	5.757
07/27/2012	1	1043126	0	2149729	0.000
07/31/2012	4	1084711	41585	2191314	7.220
<i>Note: 7/27/12 - 7/31/12 First time all 6 RWs operational</i>					
08/01/2012	1	1096765	12054	2203368	8.371
08/07/2012	6	1159307	62542	2265910	7.239
08/17/2012	10	1265932	106625	2372535	7.405
08/23/2012	6	1333191	67259	2439794	7.785
09/01/2012	9	1335058	1867	2441661	0.144
09/05/2012	4	1349507	14449	2456110	2.509
09/11/2012	6	1361485	11978	2468088	1.386
09/17/2012	6	1363520	2035	2470123	0.236
09/25/2012	8	1363536	16	2470139	0.001
10/02/2012	7	1367468	3932	2474071	0.390
10/09/2012	7	1367790	322	2474393	0.032
10/16/2012	7	1370521	2731	2477124	0.271
10/23/2012	7	1393865	23344	2500468	2.316
10/31/2012	8	1407175	13310	2513778	1.155
11/09/2012	9	1413793	6618	2520396	0.511
11/13/2012	4	1414281	488	2520884	0.085
11/20/2012	7	1415644	1363	2522247	0.135
11/27/2012	7	1416397	753	2523000	0.075

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

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15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-23					
11/28/2012	1	1417904	1507	2524507	1.047
12/04/2012	6	1420282	2378	2526885	0.275
12/13/2012	9	1422854	2572	2529457	0.198
12/20/2012	7	1422939	85	2529542	0.008
12/28/2012	8	1439131	16192	2545734	1.406
01/03/2013	6	1449035	9904	2555638	1.146
01/09/2013	6	1449151	116	2555754	0.013
01/18/2013	9	1449258	107	2555861	0.008
01/25/2013	7	1449292	34	2555895	0.003
02/07/2013	13	1451467	2175	2558070	0.116
02/14/2013	7	1465206	13739	2571809	1.363
02/21/2013	7	1531731	66525	2638334	6.600
02/28/2013	7	1589880	58149	2696483	5.769
03/05/2013	5	1623485	33605	2730088	4.667
03/14/2013	9	1630929	7444	2737532	0.574
03/21/2013	7	1697504	66575	2804107	6.605
03/28/2013	7	1739318	41814	2845921	4.148
		<i>Note: off @ arrival, reset</i>			
04/04/2013	7	1748247	8929	2854850	0.886
04/11/2013	7	1799731	51484	2906334	5.108
04/18/2013	7	1804628	4897	2911231	0.486
04/25/2013	7	1805302	674	2911905	0.067
04/29/2013	4	1805303	1	2911906	0.000
05/06/2013	7	1807525	2222	2914128	0.220
05/13/2013	7	1807819	294	2914422	0.029
05/21/2013	8	1807819	0	2914422	0.000

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

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15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-23					
06/04/2013	14	1807820	1	2914423	0.000
06/10/2013	6	1807822	2	2914425	0.000
06/17/2013	7	1807822	0	2914425	0.000
07/01/2013	14	1807823	1	2914426	0.000
07/10/2013	9	1807823	0	2914426	0.000
07/18/2013	8	1807868	45	2914471	0.004
07/30/2013	12	1807868	0	2914471	0.000
08/09/2013	10	1807870	2	2914473	0.000
08/16/2013	7	1808550	680	2915153	0.067
08/30/2013	14	1872834	64284	2979437	3.189
09/06/2013	7	1933538	60704	3040141	6.022
09/13/2013	7	1986173	52635	3092776	5.222
09/16/2013	3	2002606	16433	3109209	3.804
09/27/2013	11	2030386	27780	3136989	1.754
10/01/2013	4	2041089	10703	3147692	1.858
10/10/2013	9	2093619	52530	3200222	4.053
10/16/2013	6	2144744	51125	3251347	5.917
10/31/2013	15	2148456	3712	3255059	0.172
11/08/2013	8	2226527	78071	3333130	6.777
11/11/2013	3	2226573	46	3333176	0.011
11/22/2013	11	2323983	97410	3430586	6.150
11/25/2013	3	2350746	26763	3457349	6.195
12/02/2013	7	2408761	58015	3515364	5.755
12/12/2013	10	2454692	45931	3561295	3.190
12/18/2013	6	2504201	49509	3610804	5.730
01/03/2014	16	2591258	87057	3697861	3.779

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

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Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-23					
01/10/2014	7	2591258	0	3697861	0.000
01/31/2014	21	2634125	42867	3740728	1.418
02/04/2014	4	2634691	566	3741294	0.098
02/12/2014	8	2713239	78548	3819842	6.818
02/21/2014	9	2804747	91508	3911350	7.061
02/28/2014	7	2881236	76489	3987839	7.588
03/07/2014	7	2956610	75374	4063213	7.478
03/14/2014	7	3025215	68605	4131818	6.806
03/21/2014	7	3077513	52298	4184116	5.188
03/28/2014	7	3152509	74996	4259112	7.440
04/11/2014	14	3262629	110120	4369232	5.462
04/25/2014	14	3451363	188734	4557966	9.362
05/02/2014	7	3548336	96973	4654939	9.620
05/09/2014	7	3647613	99277	4754216	9.849
05/14/2014	5	3707843	60230	4814446	8.365
05/20/2014	6	3726836	18993	4833439	2.198
05/30/2014	10	3812596	85760	4919199	5.956
06/06/2014	7	3854159	41563	4960762	4.123
06/13/2014	7	3860794	6635	4967397	0.658
06/17/2014	4	3869854	9060	4976457	1.573
		Note: OFF			
06/26/2014	9	3869858	4	4976461	0.000
		Note: OFF			

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-27					
07/23/2012		0	NC	NC	0.000
<i>Note: 7/23/2012 Recovery well MW-27 operational</i>					
07/26/2012	3	29400	29400	29400	6.806
07/27/2012	1	34929	5529	34929	3.840
07/31/2012	4	68216	33287	68216	5.779
<i>Note: 7/27/12 - 7/31/12 First time all 6 RWs operational</i>					
08/01/2012	1	77343	9127	77343	6.338
08/07/2012	6	124468	47125	124468	5.454
08/17/2012	10	186268	61800	186268	4.292
09/01/2012	15	233317	47049	233317	2.178
09/05/2012	4	236009	2692	236009	0.467
09/11/2012	6	260079	24070	260079	2.786
09/17/2012	6	289848	29769	289848	3.445
09/25/2012	8	350091	60243	350091	5.229
10/02/2012	7	351410	1319	351410	0.131
10/09/2012	7	360283	8873	360283	0.880
10/16/2012	7	369788	9505	369788	0.943
10/23/2012	7	369826	38	369826	0.004
<i>Note: flow gauge malfunction - cleaned & repaired</i>					
10/31/2012	8	409897	40071	409897	3.478
11/09/2012	9	482192	72295	482192	5.578
11/13/2012	4	513017	30825	513017	5.352
11/20/2012	7	564619	51602	564619	5.119
11/27/2012	7	616165	51546	616165	5.114
11/28/2012	1	623907	7742	623907	5.376
12/04/2012	6	643921	20014	643921	2.316
12/20/2012	16	689575	45654	689575	1.982

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-27					
12/28/2012	8	742351	52776	742351	4.581
01/03/2013	6	795861	53510	795861	6.193
01/09/2013	6	834181	38320	834181	4.435
01/18/2013	9	903848	69667	903848	5.376
01/25/2013	7	945977	42129	945977	4.179
02/07/2013	13	1050989	105012	1050989	5.610
02/14/2013	7	1107683	56694	1107683	5.624
02/21/2013	7	1152010	44327	1152010	4.398
02/28/2013	7	1205129	53119	1205129	5.270
03/05/2013	5	1254267	49138	1254267	6.825
03/14/2013	9	1344020	89753	1344020	6.925
03/21/2013	7	1412998	68978	1412998	6.843
03/28/2013	7	1483762	70764	1483762	7.020
04/04/2013	7	1553908	70146	1553908	6.959
04/11/2013	7	1625025	71117	1625025	7.055
04/18/2013	7	1694661	69636	1694661	6.908
04/25/2013	7	1772293	77632	1772293	7.702
04/29/2013	4	1813683	41390	1813683	7.186
05/06/2013	7	1813683	0	1813683	0.000
05/13/2013	7	1889592	75909	1889592	7.531
05/21/2013	8	1976536	86944	1976536	7.547
06/04/2013	14	2007240	30704	2007240	1.523
06/10/2013	6	2063064	55824	2063064	6.461
06/17/2013	7	2144501	81437	2144501	8.079
06/28/2013	11	2263534	119033	2263534	7.515
07/01/2013	3	2299048	35514	2299048	8.221

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading (gallons)</i>	<i>Volume Recovered per Period (gallons)</i>	<i>Cumulative Groundwater Recovered (gallons)</i>	<i>Average Recovery Rate (gpm)</i>
RW-27					
07/10/2013	9	2394923	95875	2394923	7.398
07/18/2013	8	2410361	15438	2410361	1.340
07/30/2013	12	2452234	41873	2452234	2.423
08/09/2013	10	2526970	74736	2526970	5.190
08/30/2013	21	2692316	165346	2692316	5.468
09/06/2013	7	2714412	22096	2714412	2.192
09/13/2013	7	2730172	15760	2730172	1.563
09/16/2013	3	2754673	24501	2754673	5.672
09/27/2013	11	2783711	29038	2783711	1.833
10/01/2013	4	2791164	7453	2791164	1.294
10/10/2013	9	2875468	84304	2875468	6.505
10/16/2013	6	2928843	53375	2928843	6.178
10/31/2013	15	2930509	1666	2930509	0.077
11/08/2013	8	3001015	70506	3001015	6.120
11/11/2013	3	3001041	26	3001041	0.006
11/22/2013	11	3084148	83107	3084148	5.247
11/25/2013	3	3105666	21518	3105666	4.981
12/02/2013	7	3155161	49495	3155161	4.910
12/12/2013	10	3185565	30404	3185565	2.111
12/18/2013	6	3185565	0	3185565	0.000
01/03/2014	16	3185565	0	3185565	0.000
01/10/2014	7	3185565	0	3185565	0.000
01/31/2014	21	3185721	156	3185721	0.005
02/04/2014	4	3185721	0	3185721	0.000
02/12/2014	8	3185721	0	3185721	0.000
02/21/2014	9	3185721	0	3185721	0.000

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-2
Individual Recovery Well Recovery
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Date</i>	<i>Days Operational</i>	<i>Totalizer Reading</i> (gallons)	<i>Volume Recovered per Period</i> (gallons)	<i>Cumulative Groundwater Recovered</i> (gallons)	<i>Average Recovery Rate</i> (gpm)
RW-27					
02/28/2014	7	3185736	15	3185736	0.001
03/07/2014	7	3185736	0	3185736	0.000
03/14/2014	7	3185736	0	3185736	0.000
03/21/2014	7	3185736	0	3185736	0.000
03/28/2014	7	3185733	-3	3185733	0.000
04/11/2014	14	3185960 <i>Note: OFF</i>	227	3185960	0.011
04/25/2014	14	3185960	0	3185960	0.000
05/02/2014	7	3186540	580	3186540	0.058
05/09/2014	7	3266743	80203	3266743	7.957
05/14/2014	5	3326119	59376	3326119	8.247
05/20/2014	6	3393452	67333	3393452	7.793
05/30/2014	10	3473747	80295	3473747	5.576
06/06/2014	7	3519071	45324	3519071	4.496
06/13/2014	7	3555214	36143	3555214	3.586
06/17/2014	4	3555214	0	3555214	0.000
06/26/2014	9	3555220 <i>Note: OFF</i>	6	3555220	0.000

Notes:

Average Recovery Rate = Volume Recovered (gal) / Days of Operation / 1440 (min/day)

gpm - gallons per minute

NC - Not Collected

Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Offsite Influent								
12/02/2010	7.08	ND (1)	ND (1)	2.35	9.43	2230	1480	NS
12/10/2010	7.57	ND (1)	ND (1)	3.83	11.4	4400	2970	NS
12/16/2010	6.12	ND (1)	ND (1)	3.6	9.72	3190	2950	NS
01/11/2011	7.5	ND (1)	ND (1)	2	9.5	1650	1160	ND (100)
01/25/2011	7.5 J	ND (10)	ND (10)	ND (10)	7.5 J	3050	3130	ND (100)
02/08/2011	3 J	ND (10)	ND (10)	ND (10)	3 J	2460	3060	ND (110)
02/23/2011	8.7	ND (5)	ND (5)	1.8 J	10.5	3300	1820	ND (100)
03/07/2011	4.8 J	ND (5)	ND (5)	ND (5)	4.8 J	2350	2070	ND (100)
03/22/2011	2.1 J	ND (5)	ND (5)	ND (5)	2.1 J	2800	2390	ND (100)
04/05/2011	2.4 J	ND (10)	ND (10)	ND (10)	2.4 J	2180	2630	ND (100)
04/18/2011	4.2	ND (1)	ND (1)	1	5.2	2470	1680	ND (110)
05/12/2011	10.5	ND (10)	ND (10)	ND (10)	10.5	3150	3030	ND (100)
05/24/2011	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	2270	1940	ND (110)
06/09/2011	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	2250	2170	ND (100)
06/22/2011	4.8 J	ND (5)	ND (5)	ND (5)	4.8 J	2930	1760	ND (100)
07/07/2011	6.9 J	ND (10)	ND (10)	ND (10)	6.9 J	2720	1750	ND (100)
07/20/2011	2.4 J	ND (5)	ND (5)	ND (5)	2.4 J	2380	2660	ND (100)
08/04/2011	2.3 J	ND (5)	ND (5)	ND (5)	2.3 J	2790	2720	ND (110)
08/16/2011	3.1 J	ND (10)	ND (10)	ND (10)	3.1 J	2780	1640	ND (100)
09/21/2011	10.7	ND (1)	ND (1)	0.92 J	11.62	2930	3000	ND (110)
09/28/2011	2 J	ND (5)	ND (5)	ND (5)	2 J	2280	2560	ND (110)
10/20/2011	4 J	ND (5)	ND (5)	ND (5)	4 J	2730	2820	ND (110)
10/27/2011	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	2070	2560	ND (110)
11/09/2011	1.9	ND (1)	ND (1)	0.42 J	2.32	1800	1090	ND (120)
12/21/2011	9.1	ND (5)	ND (5)	ND (5)	9.1	2040	2610	ND (110)
01/10/2012	2.6	ND (1)	ND (1)	0.36 J	2.96	1230	1430	ND (110)
01/25/2012	7	ND (2.5)	ND (2.5)	0.92 J	7.92	2640	2610	ND (110)
02/08/2012	3.6	ND (2)	ND (2)	0.74 J	4.34	2120	2080	ND (110)
02/24/2012	3.5 J	ND (10)	ND (10)	ND (10)	3.5 J	1770	2200	ND (110)
03/20/2012	3.7	ND (1)	ND (1)	0.39 J	4.09	1800	2140	ND (110)
03/30/2012	ND (10)	ND (10)	ND (10)	ND (10)	ND (40)	1520	1620	ND (110)
04/10/2012	1.6 J	ND (5)	ND (5)	ND (5)	1.6 J	1400	1090	ND (110)
04/24/2012	2.3 J	ND (5)	4.4 J	3.6 J	10.3 J	1620	1840	ND (120)
05/10/2012	2.3	ND (1)	ND (1)	0.41 J	2.71	1510	1930	ND (110)
05/22/2012	2.8	ND (2.5)	ND (2.5)	ND (2.5)	2.8	1910	2370	ND (110)
06/13/2012	2.6	ND (1)	ND (1)	0.34 J	2.94	1950	2210	ND (110)
06/27/2012	6.6	ND (1)	ND (1)	0.33 J	6.93	2260	2840	ND (120)
07/10/2012	2.1 J	ND (5)	ND (5)	ND (5)	2.1	2430	2320	ND (110)
07/27/2012	2.7 J	ND (10)	ND (10)	ND (10)	2.7	1670	1750	ND (110)
08/07/2012	2.2 J	ND (5)	ND (5)	ND (5)	2.2	1580	1830	ND (100)
08/17/2012	1.8 J	ND (5)	ND (5)	ND (5)	1.8	1610	2040	143

Notes:
(µg/L) - Micrograms per Liter

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

ND - Below laboratory detection limit
ND(#) - Not Detected (Reporting Limit)
NS - Not Sampled

Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Offsite Influent								
08/23/2012	ND (10)	ND (10)	ND (10)	ND (10)	ND (40)	1690	2110	ND (100)
09/05/2012	3.9 J	ND (10)	ND (10)	ND (10)	3.9 J	1630	2000	ND (110)
09/11/2012	4.1	ND (1)	ND (1)	ND (1)	4.1	1740	2300	ND (110)
09/17/2012	4.3 J	ND (5)	ND (5)	ND (5)	4.3 J	1670	2150	ND (110)
09/25/2012	ND (10)	ND (10)	ND (10)	4.6 J	4.6 J	1400	1820	ND (110)
10/02/2012	4.1 J	ND (10)	ND (10)	ND (10)	4.1 J	1630	1990	ND (110)
10/09/2012	4.3	ND (2)	ND (2)	ND (2)	4.3	2720	2470	ND (110)
10/16/2012	ND (10)	ND (10)	ND (10)	ND (10)	ND (40)	1490	1950	ND (100)
10/23/2012	3.9 J	ND (10)	ND (10)	ND (10)	3.9 J	1640	2240	ND (110)
11/09/2012	2.6 J	ND (5)	ND (5)	ND (15)	2.6 J	1460	2450	ND (240)
11/12/2012	3.2	ND (1)	ND (1)	ND (1)	3.2	1330	1300	ND (110)
11/20/2012	2.8	ND (1)	ND (1)	ND (1)	2.8	1260	1680	ND (120)
11/27/2012	ND (10)	ND (10)	ND (10)	ND (10)	ND (40)	1250	1900	ND (110)
12/04/2012	ND (10)	ND (10)	ND (10)	ND (10)	ND (40)	1210	2020	ND (110)
12/20/2012	4.2 J	ND (10)	ND (10)	ND (10)	4.2 J	1560	1710	ND (110)
01/03/2013	1.3 J	ND (2)	ND (2)	ND (2)	1.3 J	700	1280	ND (110)
01/09/2013	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	699	924	ND (120)
01/18/2013	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	1010	1400	ND (110)
02/01/2013	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	954	1320	ND (100)
02/07/2013	1.7 J	ND (2.5)	ND (2.5)	ND (2.5)	1.7 J	1350	1160	ND (110)
02/14/2013	0.73 J	ND (2)	ND (2)	1 J	1.73 J	1250	1030	ND (110)
02/21/2013	ND (10)	ND (10)	ND (10)	ND (10)	ND (40)	1320	730	ND (110)
03/05/2013	0.62 J	ND (1)	ND (1)	ND (1)	0.62 J	1200	1370	ND (100)
03/14/2013	ND (10)	ND (10)	ND (10)	ND (10)	ND (40)	1230	1450	ND (110)
03/21/2013	0.69 J	ND (2)	ND (2)	ND (2)	0.69 J	1340	1380	ND (110)
04/04/2013	ND (10)	ND (10)	ND (10)	ND (10)	ND (40)	1010	1320	ND (110)
04/18/2013	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)	ND (10)	899	1130	ND (110)
05/06/2013	0.78 J	ND (1)	ND (1)	ND (1)	0.78 J	949	1230	ND (110)
05/21/2013	0.31 J	ND (1)	ND (1)	ND (1)	0.31 J	882 E	1090	NS
05/31/2013	NS	NS	NS	NS	NS	NS	NS	ND (110)
06/04/2013	1	ND (1)	ND (1)	ND (1)	1	1100	1410	ND (110)
06/20/2013	0.62 J	ND (1)	ND (1)	ND (1)	0.62 J	935	1190	ND (100)
07/10/2013	0.62 J	ND (1)	ND (1)	ND (1)	0.62 J	1030	1150	ND (110)
07/18/2013	2.8 J	ND (5)	ND (5)	ND (5)	2.8 J	1320	1600	ND (100)
08/02/2013	1.3	ND (1)	ND (1)	ND (1)	1.3	1260	1430	ND (110)
08/23/2013	1.2	ND (1)	ND (1)	ND (1)	1.2	1110	1310	ND (100)
09/06/2013	1	ND (1)	ND (1)	ND (1)	1	1020	1360	ND (110)
09/27/2013	1.5	ND (1)	ND (1)	ND (1)	1.5	1040	1380	ND (110)
10/16/2013	1.6	ND (1)	ND (1)	ND (1)	1.6	1260	1380	ND (100)
10/25/2013	4 J	ND (5)	ND (5)	ND (5)	4 J	1700	1830	ND (110)
11/08/2013	1.1 J	ND (2)	ND (2)	ND (2)	1.1 J	1320	1370	ND (110)

Notes:
(µg/L) - Micrograms per Liter

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MTBE - Methyl tert-Butyl Ether
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
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ND - Below laboratory detection limit
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Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Offsite Influent								
11/22/2013	0.63 J	ND (1)	ND (1)	ND (1)	0.63 J	982	1300	ND (100)
12/02/2013	0.65 J	ND (1)	ND (1)	ND (1)	0.65 J	1050	1540	ND (100)
12/18/2013	1.3	ND (1)	ND (1)	ND (1)	1.3	1240	1640	ND (100)
01/03/2014	ND (5)	ND (5)	ND (5)	ND (5)	ND (20)	990	1580	ND (100)
01/31/2014	0.95 J	ND (1)	ND (1)	ND (1)	0.95 J	931	1130	ND (100)
02/12/2014	ND (2)	ND (2)	ND (2)	ND (2)	ND (8)	1060	1360	ND (110)
02/28/2014	0.78 J	ND (1)	ND (1)	ND (1)	0.78 J	788	823	ND (100)
03/14/2014	ND (2.5)	ND (5)	ND (2.5)	ND (5)	ND (15)	561	715	ND (110)
03/28/2014	ND (2.5)	ND (5)	ND (2.5)	ND (5)	ND (15)	657	1060	ND (100)
04/04/2014	ND (2.5)	ND (5)	ND (2.5)	ND (5)	ND (15)	619	883	ND (110)
04/25/2014	0.79	ND (1)	ND (0.5)	ND (1)	0.79	1040	1410	ND (110)
05/02/2014	0.56	ND (1)	ND (0.5)	ND (1)	0.56	683	941	ND (110)
05/14/2014	0.45 J	ND (1)	ND (0.5)	ND (1)	0.45 J	608	918	ND (100)
06/13/2014	1.4 J	ND (5)	ND (5)	ND (5)	1.4 J	997	1670	ND (25)
06/26/2014	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (3.5)	155	230	ND (25)

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Notes:
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BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
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Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Mid-1								
12/02/2010	ND (1)	ND (1)	ND (1)	1.21	1.21	ND (1)	239	NS
12/10/2010	ND (1)	ND (1)	ND (1)	0.26	0.26	162	115	NS
12/16/2010	ND (1)	ND (1)	ND (1)	1	1	183	157	NS
01/11/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	77.9	ND (200)	227
01/25/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	136	248	ND (110)
02/08/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	91.5	ND (200)	ND (110)
02/23/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	109	ND (200)	ND (110)
03/07/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	64.9	ND (200)	ND (110)
03/22/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	38.5	ND (200)	ND (110)
04/05/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	140	217	ND (100)
04/18/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	140	ND (200)	ND (110)
05/12/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	262	364	ND (100)
05/24/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	125	206	ND (100)
06/09/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	36.7	ND (200)	ND (100)
06/22/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	73.2	ND (200)	ND (100)
07/07/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	49.8	ND (200)	ND (110)
07/20/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	52.9	ND (200)	ND (100)
08/04/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	34.7	ND (200)	ND (110)
08/16/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	32.8	ND (200)	ND (110)
09/21/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	242	312	ND (110)
09/28/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	235	275	ND (110)
10/20/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	273	343	ND (110)
10/27/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	165	252	ND (110)
11/09/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	89.5	ND (200)	ND (120)
12/21/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	846	1100	ND (110)
01/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	50.8	ND (200)	ND (110)
01/25/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	921	784	ND (110)
02/08/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	501	632	ND (110)
02/24/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	501	778	ND (110)
03/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	570	703	ND (110)
03/30/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	494	562	ND (110)
04/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	379	352	ND (110)
04/24/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	397	574	ND (110)
05/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	403	588	ND (110)
05/22/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	432	570	114
06/13/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	585	712	ND (110)
06/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	800	923	ND (110)
07/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	610	1320	ND (120)
07/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	343	510	ND (110)
08/07/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	188	409	ND (110)
08/17/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	357	504	ND (120)

Notes:
(µg/L) - Micrograms per Liter

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

ND - Below laboratory detection limit
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Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Mid-1								
08/23/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	91.4	ND (200)	ND (100)
09/05/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	351	507	ND (110)
09/11/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	315	457	ND (110)
09/17/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	357	496	ND (110)
09/25/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	304	463	ND (110)
10/02/2012	ND (2)	ND (2)	ND (2)	ND (2)	ND (8)	385	553	150
10/09/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	303	383	ND (110)
10/16/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	354	480	ND (110)
10/23/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	173	291	ND (110)
11/09/2012	ND (5)	ND (5)	ND (5)	ND (15)	ND (30)	312	578	ND (240)
11/12/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	263	289	ND (110)
11/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	232	360	ND (110)
11/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	261	421	ND (110)
12/04/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	239	470	ND (100)
12/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	341	477	ND (110)
01/03/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	251	468	ND (110)
01/09/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	269	418	ND (130)
01/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	163	292	ND (110)
02/01/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	278	391	ND (100)
02/07/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	303	294	ND (110)
02/14/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	169	ND (200)	ND (110)
02/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	307	236	ND (110)
03/05/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	140	ND (200)	ND (100)
03/14/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	209	274	ND (110)
03/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	226	290	ND (110)
04/04/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	312	416	ND (110)
04/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	222	289	ND (110)
05/06/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	227	327	ND (110)
05/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	146	248	NS
05/31/2013	NS	NS	NS	NS	NS	NS	NS	ND (110)
06/04/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	253	348	ND (110)
06/20/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	274	412	ND (110)
07/10/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	224	369	ND (110)
07/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	313	439	ND (110)
08/02/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	232	356	ND (110)
08/23/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	326	441	ND (100)
09/06/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	238	407	ND (110)
09/27/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	358	420	ND (110)
10/16/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	276	358	ND (100)
10/25/2013	ND (2)	ND (2)	ND (2)	ND (2)	ND (8)	399	539	ND (110)
11/08/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	383	479	ND (110)

Notes:
(µg/L) - Micrograms per Liter

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Table B-3
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Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Mid-1								
11/22/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	228	361	ND (110)
12/02/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	294	389	ND (110)
12/18/2013	ND (2)	ND (2)	ND (2)	ND (2)	ND (8)	462	626	ND (110)
01/03/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	345	555	ND (100)
02/12/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	336	433	ND (120)
02/28/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	254	333	ND (100)
03/14/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	167	244	ND (110)
03/28/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	267	468	ND (100)
04/04/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	207	347	ND (110)
04/25/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	263	431	ND (100)
05/02/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	179	341	ND (120)
05/14/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	165	330	ND (100)
06/13/2014	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (3.5)	232	537	ND (27)
06/26/2014	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (3.5)	23.6	ND (200)	ND (25)

DRAFT

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Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Mid-2								
12/02/2010	ND (1)	ND (1)	ND (1)	0.27	0.27	ND (1)	ND (100)	NS
12/10/2010	ND (1)	ND (1)	0.47	3.33	3.8	ND (1)	ND (100)	NS
12/16/2010	ND (1)	ND (1)	0.26	2.2	2.46	ND (1)	34	NS
01/11/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
01/25/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/08/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/23/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/07/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.31 J	ND (200)	ND (100)
03/22/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	6.1	ND (200)	ND (110)
04/05/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	25.3	ND (200)	ND (100)
04/18/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	45	ND (200)	ND (110)
05/12/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	27.4	ND (200)	ND (100)
05/24/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	72.6	ND (200)	ND (110)
06/09/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	99.1	ND (200)	ND (110)
06/22/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	96.2	ND (200)	ND (100)
07/07/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	90.1	ND (200)	ND (100)
07/20/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	96.6	ND (200)	ND (100)
08/04/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	99.4	ND (200)	ND (110)
08/16/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	87.4	ND (200)	ND (100)
09/21/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	64.8	ND (200)	ND (110)
09/28/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	62.6	ND (200)	ND (110)
10/20/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	66.5	ND (200)	ND (110)
10/27/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	58.2	ND (200)	ND (100)
11/09/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	65.2	ND (200)	ND (130)
12/21/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	55.5	ND (200)	ND (110)
01/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	285	384	ND (110)
01/25/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	352	399	ND (110)
02/08/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	422	521	ND (110)
02/24/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	501	589	ND (110)
03/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/30/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
04/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
04/24/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (120)
05/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	11.3	ND (200)	ND (110)
05/22/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	84.3	ND (200)	ND (110)
06/13/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	282	336	ND (110)
06/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	271	381	ND (110)
07/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	407	467	ND (120)
07/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	469	536	ND (110)
08/07/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	462	564	ND (110)
08/17/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	387	525	ND (120)

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Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Mid-2								
08/23/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	411	510	ND (100)
09/05/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
09/11/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.44 J	ND (200)	ND (120)
09/17/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	1.6	ND (200)	ND (110)
09/25/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	16.9	ND (200)	ND (110)
10/02/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	10.8	ND (200)	ND (120)
10/09/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	30.4	ND (200)	ND (110)
10/16/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	72.3	ND (200)	ND (110)
10/23/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	69.3	ND (200)	ND (110)
11/09/2012	ND (1)	ND (1)	ND (1)	ND (3)	ND (6)	84.9	166	ND (240)
11/12/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	124	ND (200)	ND (110)
11/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	141	ND (200)	ND (110)
11/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	163	290	ND (110)
12/04/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	134	290	ND (110)
12/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/03/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (120)
01/09/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
02/01/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	5.5	ND (200)	ND (100)
02/07/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	10	ND (200)	ND (110)
02/14/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	25.3	ND (200)	ND (110)
02/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	57.1	ND (200)	ND (110)
03/05/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	95.7	ND (200)	482
03/14/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	102	ND (200)	ND (110)
03/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	128	ND (200)	348
04/04/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	160	244	ND (110)
04/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	176	226	ND (110)
05/06/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
05/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.21 J	ND (200)	NS
05/31/2013	NS	NS	NS	NS	NS	NS	NS	ND (110)
06/04/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
06/20/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	2.8	ND (200)	636
07/10/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	24.8	ND (200)	ND (110)
07/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	16.3	ND (200)	ND (110)
08/02/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	18.7	ND (200)	ND (110)
08/23/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	63.1	ND (200)	ND (100)
09/06/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	84.5	ND (200)	ND (110)
09/27/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	109	ND (200)	ND (100)
10/16/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	177	233	ND (100)
10/25/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	129	ND (200)	ND (110)
11/08/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)

Notes:
(µg/L) - Micrograms per Liter

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

ND - Below laboratory detection limit
ND(#) - Not Detected (Reporting Limit)
NS - Not Sampled

Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Mid-2								
11/22/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
12/02/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
12/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/03/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	1.1	ND (200)	ND (100)
01/31/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/12/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/28/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.39 J	ND (200)	ND (100)
03/14/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	1.9	ND (200)	ND (100)
03/28/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	8	ND (200)	ND (100)
04/04/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	16.7	ND (200)	ND (100)
04/25/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	52.9	ND (200)	ND (100)
05/02/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	90	226	ND (110)
05/14/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	130	278	ND (100)
06/13/2014	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (3.5)	ND (1)	ND (200)	ND (25)
06/26/2014	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (3.5)	ND (1)	ND (200)	ND (25)

DRAFT

Notes:
(µg/L) - Micrograms per Liter

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

ND - Below laboratory detection limit
ND(#) - Not Detected (Reporting Limit)
NS - Not Sampled

Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Mid-3								
12/02/2010	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (100)	NS
12/10/2010	ND (1)	ND (1)	ND (1)	0.72	0.72	ND (1)	ND (100)	NS
12/16/2010	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (100)	NS
01/11/2011	ND (1)	ND (1)	ND (1)	0.38 J	0.38	ND (1)	ND (200)	ND (100)
01/25/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/08/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/23/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
03/07/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
03/22/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
04/05/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
04/18/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
05/12/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
05/24/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
06/09/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
06/22/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
07/07/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
07/20/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
08/04/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
08/16/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
09/21/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
09/28/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
10/20/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
10/27/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
11/09/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (120)
12/21/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.6 J	ND (200)	ND (110)
01/25/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
02/08/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	4.3	ND (200)	ND (110)
02/24/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	41.1	ND (200)	ND (110)
03/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/30/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
04/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
04/24/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
05/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
05/22/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
06/13/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
06/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
07/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	3.8	ND (200)	ND (110)
07/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	16.9	ND (200)	ND (110)
08/07/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	60.5	ND (200)	ND (110)
08/17/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	105	ND (200)	ND (130)

Notes:
(µg/L) - Micrograms per Liter

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

ND - Below laboratory detection limit
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Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Mid-3								
08/23/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	154	225	ND (100)
09/05/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
09/11/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (120)
09/17/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.37 J	ND (200)	ND (110)
09/25/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
10/02/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.23 J	ND (200)	ND (120)
10/09/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
10/16/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
10/23/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
11/09/2012	ND (1)	ND (1)	ND (1)	ND (3)	ND (6)	ND (1)	ND (100)	ND (240)
11/12/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
11/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.25 J	ND (200)	ND (110)
11/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.34 J	ND (200)	ND (110)
12/04/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.2 J	ND (200)	ND (110)
12/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/03/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/09/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (120)
01/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
02/01/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/07/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
02/14/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
02/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/05/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/14/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	227
04/04/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	1.3	ND (200)	ND (110)
04/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	6.2	ND (200)	ND (100)
05/06/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
05/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	NS
05/31/2013	NS	NS	NS	NS	NS	NS	NS	ND (110)
06/04/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
06/20/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
07/10/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
07/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
08/02/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
08/23/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
09/06/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
09/27/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
10/16/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.7 J	ND (200)	ND (100)
10/25/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.6 J	ND (200)	ND (110)
11/08/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)

Notes:
(µg/L) - Micrograms per Liter

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

ND - Below laboratory detection limit
ND(#) - Not Detected (Reporting Limit)
NS - Not Sampled

Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Mid-3								
11/22/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
12/02/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
12/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/03/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
01/31/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/12/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (170)
02/28/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
03/14/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (100)
03/28/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (100)
04/04/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (100)
04/25/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (10000)
05/02/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (100)
05/14/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (100)
06/13/2014	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (3.5)	ND (1)	ND (200)	ND (28)
06/26/2014	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (3.5)	ND (1)	ND (200)	ND (36)

DRAFT

Notes:
(µg/L) - Micrograms per Liter

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TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

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ND(#) - Not Detected (Reporting Limit)
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Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Offsite Effluent								
12/02/2010	ND (1)	ND (1)	ND (1)	1.44	1.44	ND (1)	NS	NS
12/10/2010	ND (1)	ND (1)	ND (1)	1.19	1.19	ND (1)	NS	NS
12/16/2010	ND (1)	ND (1)	0.4	4.1	4.5	ND (1)	NS	NS
01/11/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/25/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/08/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
02/23/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
03/07/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/22/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
04/05/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
04/18/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
05/12/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
05/24/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
06/09/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
06/22/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
07/07/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
07/20/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
08/04/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
08/16/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
09/21/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
09/28/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
10/20/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
10/27/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
11/09/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (120)
12/21/2011	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/25/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (120)
02/08/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
02/24/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/30/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
04/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
04/24/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (120)
05/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.71 J	ND (200)	ND (110)
05/22/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.52 J	ND (200)	ND (110)
06/13/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
06/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
07/10/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
07/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (130)
08/07/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
08/17/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (120)

Notes:
(µg/L) - Micrograms per Liter

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

ND - Below laboratory detection limit
ND(#) - Not Detected (Reporting Limit)
NS - Not Sampled

Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Offsite Effluent								
08/23/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
09/05/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
09/11/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
09/17/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.5 J	ND (200)	ND (110)
09/25/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
10/02/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	0.43 J	ND (200)	ND (110)
10/09/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
10/16/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
10/23/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
11/09/2012	ND (1)	ND (1)	ND (1)	ND (3)	ND (6)	ND (1)	ND (100)	ND (240)
11/12/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
11/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
11/27/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
12/04/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
12/20/2012	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/03/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/09/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/01/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/07/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
02/14/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
02/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/05/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/14/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
04/04/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
04/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
05/06/2013	ND (1)	ND (1)	ND (1)	0.7 J	0.7 J	ND (1)	ND (200)	ND (110)
05/21/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	NS
05/31/2013	NS	NS	NS	NS	NS	NS	NS	ND (110)
06/04/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
06/20/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
07/10/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
07/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
08/02/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
08/23/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
09/06/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
09/27/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
10/16/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
10/25/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
11/08/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)

Notes:
(µg/L) - Micrograms per Liter

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

ND - Below laboratory detection limit
ND(#) - Not Detected (Reporting Limit)
NS - Not Sampled

Table B-3
Offsite Groundwater Extraction Analytical Data
Former Shell Service Station #137675
15600 New Hampshire Avenue, Silver Spring, MD

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
Offsite Effluent								
11/22/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
12/02/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
12/18/2013	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
01/03/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
01/31/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (100)
02/12/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (130)
02/28/2014	ND (1)	ND (1)	ND (1)	ND (1)	ND (4)	ND (1)	ND (200)	ND (110)
03/14/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (110)
03/28/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (100)
04/04/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	157
04/25/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (100)
05/02/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (100)
05/14/2014	ND (0.5)	ND (1)	ND (0.5)	ND (1)	ND (3)	ND (1)	ND (200)	ND (100)
06/13/2014	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (3.5)	ND (1)	ND (200)	ND (25)
06/26/2014	ND (0.5)	ND (1)	ND (1)	ND (1)	ND (3.5)	ND (1)	ND (200)	ND (25)

DRAFT

Notes:
 (µg/L) - Micrograms per Liter

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

ND - Below laboratory detection limit
ND(#) - Not Detected (Reporting Limit)
NS - Not Sampled

Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
710 BNR									
10/18/2003	ND	ND	ND	ND	ND	3.2	ND	NS	NS
11/20/2003	ND	ND	ND	ND	ND	1.8	ND	ND	ND
02/13/2004	ND	ND	ND	ND	ND	3.6	ND	ND	ND
10/22/2004	ND	ND	ND	ND	ND	5.5	ND	ND	ND
12/08/2004	ND	ND	ND	ND	ND	4.5	ND	ND	ND
03/31/2005	ND	ND	ND	NS	ND	6.5	NS	ND	ND
06/23/2005	ND	ND	ND	ND	ND	4.2	ND	ND	ND
08/17/2005	ND	ND	ND	ND	ND	4.9	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	6.3	NS	ND	ND
03/30/2006	ND	ND	ND	ND	ND	3.56	NS	ND	ND
06/29/2006	ND	ND	ND	ND	ND	6.04	NS	ND	ND
09/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(5.0)	5.54	NS	ND(100)	ND(93.9)
12/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.18	NS	ND(100)	ND(93.9)
03/26/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	5.0	NS	ND(100)	160
06/08/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	5.9	NS	ND(100)	ND(98)
09/13/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	5.71	ND(20)	ND(100)	ND(95.2)
12/03/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.26	NS	ND(100)	2710
03/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.0	NS	ND(100)	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(4.0)	4.0	NS	ND(100)	230
09/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	5.415	NS	120	4000
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	NS	ND(25)	21.0 I
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	5.54	ND(2.0)	ND(25)	1400
06/04/2009	ND(0.2105)	2.01	ND(0.1959)	ND(0.231)	2.01	3.35 I	NS	ND(25)	ND(25)
09/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	3.26	ND(15)	ND(13)	ND(36)
12/02/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	5.13	NS	27.0 I	ND(36)
03/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	1.7	NS	ND(25)	79.0
06/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.3	NS	ND(200)	ND(100)
08/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.6	ND(25)	ND(200)	ND(110)
11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.4	NS	ND(200)	ND(100)
02/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.0	NS	ND(200)	ND(100)
05/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	NS	ND(200)	211
08/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	NS	ND(200)	ND(100)
11/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.4	NS	ND(200)	ND(100)
02/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.2	ND(25)	ND(200)	ND(110)

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes

MTBE - Methyl tert-Butyl Ether

TBA - Tertiary Butyl Alcohol

TPH-GRO - Total Petroleum Hydrocarbons Gasoline Range Organics

TPH-DRO - Total Petroleum Hydrocarbons Diesel Range Organics

ND - Not Detected (Reporting Limit Not Available)

ND (100) - Not Detected (Reporting Limit)

NS - Not Sampled

I - Results between Reporting Limit and Method

Detection Limit

J - Estimated Value

(µg/L) - micrograms per Liter

Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
710 BNR									
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.1	ND(25)	NS	NS
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.98 J	ND(25)	NS	NS
01/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.90 J	ND(25)	NS	NS
04/01/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.90 J	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.72 J	ND(25)	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.68 J	ND(25)	NS	NS
01/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.61 J	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.47 J	ND(25)	NS	NS
711 BNR									
10/03/2003	ND	ND	ND	ND	ND	ND	ND	NS	NS
11/21/2003	ND	ND	ND	ND	ND	0.46	ND	ND	ND
02/13/2004	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(5.0)	1.04	NS	ND(100)	ND(93.9)
12/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.47	NS	ND(100)	ND(94.3)
03/26/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(2.0)	NS	ND(100)	ND(100)
06/08/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.04	NS	ND(100)	ND(118)
09/13/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.71	ND(20)	ND(100)	ND(95.2)
12/03/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	3.05	NS	ND(100)	ND(94.3)
03/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.0	NS	ND(100)	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(100)	ND(50)
09/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	ND(0.2562)	NS	ND(20)	53.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	0.81	0.81	ND(0.2562)	NS	ND(25)	14.0 I
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	1.19 I	ND(2.0)	ND(25)	26.0 I
06/04/2009	ND(0.2105)	1.21	ND(0.1959)	ND(0.231)	1.21	ND(0.2562)	NS	ND(25)	ND(25)
09/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	0.47 I	ND(15)	ND(13)	ND(36)
12/02/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	0.80 I	NS	ND(25)	ND(36)
03/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	NS	ND(25)	40.0
06/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
08/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.50 J	NS	ND(200)	ND(110)
02/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.44 J	NS	ND(200)	ND(120)
05/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.37 J	NS	ND(200)	243
08/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(110)
11/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
02/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS

BTEX - Benzene, Toluene, Ethylbenzene, Xylenes
MTBE - Methyl tert-Butyl Ether
TBA - Tertiary Butyl Alcohol
TPH-GRO - Total Petroleum Hydrocarbons Gasoline Range Organics
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ND - Not Detected (Reporting Limit Not Available)
ND (100) - Not Detected (Reporting Limit)
NS - Not Sampled
I - Results between Reporting Limit and Method Detection Limit
J - Estimated Value

(µg/L) - micrograms per Liter

Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
711 BNR									
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.46 J	ND(25)	NS	NS
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.45 J	ND(25)	NS	NS
01/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.40 J	ND(25)	NS	NS
04/01/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.26 J	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
01/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
720 BNR									
10/18/2003	ND	ND	ND	ND	ND	21.0	ND	NS	NS
11/20/2003	ND	ND	ND	ND	ND	27.7	ND	ND	ND
12/23/2003	ND	ND	ND	ND	ND	23.0	ND	ND	ND
01/16/2004	ND	ND	ND	ND	ND	22.0	NS	ND	ND
02/13/2004	ND	ND	ND	ND	ND	26.7	ND	ND	ND
03/02/2004	ND	ND	ND	ND	ND	28.9	ND	ND	ND
03/25/2004	ND	ND	ND	ND	ND	25.2	ND	ND	ND
04/16/2004	ND	ND	ND	ND	ND	26.6	ND	ND	ND
05/26/2004	ND	ND	ND	ND	ND	27.1	ND	ND	ND
06/22/2004	ND	ND	ND	ND	ND	24.8	ND	ND	ND
08/26/2004	ND	ND	ND	ND	ND	25.0	ND	ND	ND
10/22/2004	ND	ND	ND	ND	ND	15.6	ND	ND	ND
12/08/2004	ND	ND	ND	ND	ND	12.7	ND	ND	ND
03/31/2005	ND	ND	ND	ND	ND	14.5	NS	ND	ND
06/23/2005	ND	ND	ND	ND	ND	11.5	ND	ND	ND
08/17/2005	ND	ND	ND	ND	ND	12.2	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	13.1	NS	ND	ND
03/30/2006	ND	ND	ND	ND	ND	7.88	NS	ND	ND
06/29/2006	ND	ND	ND	ND	ND	5.68	NS	ND	ND
09/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(5.0)	3.17	NS	ND(100)	ND(96.2)
12/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.59	NS	ND(100)	ND(97.1)
03/26/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(2.0)	NS	ND(100)	ND(100)
06/08/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	NS	ND(100)	ND(111)
09/13/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(100)
12/03/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.2	NS	ND(100)	ND(100)

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TPH-DRO - Total Petroleum Hydrocarbons Diesel Range Organics

ND - Not Detected (Reporting Limit Not Available)

ND (100) - Not Detected (Reporting Limit)

NS - Not Sampled

I - Results between Reporting Limit and Method

Detection Limit

J - Estimated Value

(µg/L) - micrograms per Liter

Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
720 BNR									
03/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(100)	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(100)	ND(50)
09/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	ND(0.2562)	NS	ND(20)	49.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	0.53	0.53	ND(0.2562)	NS	ND(25)	ND(14)
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
06/04/2009	ND(0.2105)	4.62	ND(0.1959)	ND(0.231)	4.62	ND(0.2562)	NS	41.0 I	ND(26)
09/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	0.56	ND(15)	ND(13)	ND(36)
12/02/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	0.77 I	NS	31.0 I	ND(36)
03/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	NS	ND(25)	117
06/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.77 J	NS	ND(200)	ND(100)
08/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.54 J	ND(25)	ND(200)	ND(110)
11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.48 J	NS	ND(200)	ND(120)
02/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	137
05/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.30 J	ND(25)	ND(200)	ND(130)
08/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.34 J	NS	ND(200)	ND(100)
11/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.30 J	NS	ND(200)	ND(100)
02/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.35 J	ND(25)	NS	NS
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.40 J	ND(25)	ND(200)	ND(100)
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.40 J	ND(25)	NS	NS
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.24 J	ND(25)	NS	NS
01/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/01/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.24 J	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.30 J	ND(25)	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
01/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
721 BND									
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	4.6	4.6	ND(1.0)	ND(25)	NS	NS
11/13/2012	4.4	0.34 J	ND(1.0)	10.1	14.84	ND(1.0)	ND(25)	NS	NS
01/16/2013	1.0	1.5	0.46 J	5.0	7.96	0.70 J	ND(25)	NS	NS
04/02/2013	9.3	ND(1.0)	ND(1.0)	1.8	11.1	ND(1.0)	ND(25)	NS	NS
07/10/2013	4.1	ND(1.0)	ND(1.0)	8.7	12.8	ND(1.0)	ND(25)	NS	NS
10/22/2013	0.88 J	ND(1.0)	ND(1.0)	2.7	3.58	ND(1.0)	ND(25)	NS	NS
01/15/2014	4.8	ND(1.0)	ND(1.0)	7.1	11.9	ND(1.0)	ND(25)	NS	NS
04/08/2014	0.90	ND(1.0)	ND(0.5)	2.6	3.5	ND(1.0)	ND(25)	NS	NS

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Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
721 BNR									
10/03/2003	ND	ND	ND	ND	ND	2.5	NS	NS	NS
11/20/2003	ND	ND	ND	ND	ND	2.8	ND	ND	ND
12/23/2003	ND	ND	ND	ND	ND	2.7	ND	ND	ND
01/16/2004	ND	ND	ND	ND	ND	2.6	ND	ND	ND
02/13/2004	ND	ND	ND	ND	ND	3.0	ND	ND	ND
03/02/2004	ND	ND	ND	ND	ND	3.2	ND	ND	ND
03/25/2004	ND	ND	ND	ND	ND	3.0	ND	ND	ND
04/16/2004	ND	ND	ND	ND	ND	3.0	ND	ND	ND
06/24/2004	ND	NS	NS	ND	ND	3.6	NS	ND	NS
10/22/2004	ND	ND	ND	ND	ND	4.8	ND	ND	ND
12/08/2004	ND	ND	ND	ND	ND	3.7	ND	ND	ND
03/31/2005	ND	ND	ND	ND	ND	4.4	NS	ND	ND
06/23/2005	ND	ND	ND	ND	ND	2.6	ND	ND	ND
08/17/2005	ND	ND	ND	ND	ND	2.6	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	2.9	NS	ND	ND
03/30/2006	ND	ND	ND	ND	ND	2.74	NS	ND	ND
06/29/2006	ND	ND	ND	ND	ND	1.74	NS	ND	ND
09/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(5.0)	1.74	NS	ND(100)	ND(96.2)
12/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.28	NS	ND(100)	ND(97.1)
03/26/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(2.0)	NS	ND(100)	ND(100)
06/08/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	NS	ND(100)	ND(100)
09/13/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(105)
12/03/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	NS	ND(100)	ND(100)
03/27/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(100)	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(100)	ND(50)
09/22/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND	ND(0.5665)	ND(0.2562)	NS	ND(20)	55.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	NS	ND(25)	87.0
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
06/04/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.231)	ND(0.7975)	ND(0.2562)	NS	ND(25)	ND(25)
09/10/2009	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.8)	ND(0.2)	ND(15)	ND(13)	ND(36)
12/02/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	NS	29.0 I	ND(36)
03/15/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.298)	ND(0.952)	ND(0.261)	NS	ND(25)	113
06/11/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
08/27/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
11/16/2010	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)

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Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
721 BNR									
02/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
05/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
08/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
11/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	NS	ND(200)	ND(100)
02/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.21 J	ND(25)	ND(200)	ND(100)
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
01/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/01/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
01/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
721 BNS									
08/07/2012	0.63 J	1.3	0.97 J	6.7	9.6	8.2	40.0	NS	NS
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.26 J	ND(25)	NS	NS
01/16/2013	0.77 J	ND(1.0)	ND(1.0)	ND(1.0)	0.77 J	ND(1.0)	ND(25)	NS	NS
04/02/2013	3.7	ND(1.0)	ND(1.0)	1.0	1.7	ND(1.0)	ND(25)	NS	NS
07/10/2013	4.6	ND(1.0)	ND(1.0)	ND(1.0)	4.6	ND(1.0)	ND(25)	NS	NS
10/22/2013	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	ND(1.0)	ND(25)	NS	NS
01/15/2014	0.69 J	ND(1.0)	ND(1.0)	ND(1.0)	0.69 J	ND(1.0)	ND(25)	NS	NS
04/08/2014	1.0	ND(1.0)	ND(0.5)	ND(1.0)	1.0	ND(1.0)	ND(25)	NS	NS
730 BND									
10/01/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	3.2	ND(6.14)	26.0 I	260
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.62	ND(6.14)	ND(25)	60.0 I
02/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
05/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.6	ND(25)	ND(200)	ND(100)
08/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	ND(25)	ND(200)	190
11/02/2011	0.074 J	ND(0.5)	ND(0.5)	ND(0.5)	0.074 J	0.19 J	ND(5.0)	ND(200)	ND(100)
02/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.7	ND(25)	NS	NS
05/03/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.3	ND(25)	ND(200)	ND(100)
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.0	ND(25)	NS	NS
11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.0	ND(25)	NS	NS
01/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(25)	NS	NS

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Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
730 BND									
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.4	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS
01/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.87 J	ND(25)	NS	NS
730 BNR									
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.90 J	ND(25)	NS	NS
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.29 J	ND(25)	NS	NS
01/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.5	ND(25)	NS	NS
04/01/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.71 J	ND(25)	NS	NS
01/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
730 BNS									
10/01/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.86	ND(6.14)	ND(25)	404
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	1.27	ND(6.14)	32.0 I	ND(40)
05/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(25)	ND(200)	ND(100)
08/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.55 J	ND(25)	ND(200)	ND(100)
11/02/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	1.5	ND(5.0)	ND(200)	ND(100)
02/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.4	ND(25)	NS	NS
05/03/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	ND(25)	ND(200)	ND(110)
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.5	ND(25)	NS	NS
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.7	ND(25)	NS	NS
01/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.1	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.1	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.90 J	ND(25)	NS	NS
01/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.0	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.62 J	ND(25)	NS	NS
740 BNR									
01/15/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/01/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(25)	NS	NS
01/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.91 J	ND(25)	NS	NS

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
750 BND									
06/22/2005	ND	ND	ND	ND	ND	ND	ND	ND	664
11/17/2005	ND	ND	ND	ND	ND	0.59	ND	ND	529
03/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	NS
06/29/2006	NS	NS	ND	ND	NS	4.79	ND	ND	127
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	9.88	ND(10)	ND(100)	686
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	80.6	ND(20)	124	ND(100)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	7.05	ND(20)	ND(100)	120
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	75.7	ND(20)	ND(100)	131
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	3.6	ND(20)	ND(100)	603
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.94	ND(20)	ND(100)	353
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	5.6	5.6	670	ND(100)	820	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	4.3	4.3	770	68.0	810	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	5.2	5.2	900	ND(1.0)	480	78.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	1.122	1.122	616.5	99.3	1020	41.0 I
02/20/2009	ND(0.2105)	0.5379 I	ND(0.1959)	ND(0.6946)	0.5379	990.1	ND(2.0)	561	NS
05/07/2009	ND(0.2105)	1.04	ND(0.1959)	ND(0.6946)	1.04	924.4	507	279	ND(25)
09/23/2009	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	214	ND(75)	43.0 I	ND(36)
12/07/2009	ND(4.21)	ND(4.94)	ND(3.92)	ND(13.91)	ND(26.98)	1640	ND(300)	954	54.0 I
03/11/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	1660	208	1280	41.0
05/20/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	797	187	487	60.0 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)
12/02/2010	ND(0.249)	0.68 I	0.28 I	1.41	2.37	304	221	243	54.0 I
02/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1270	ND(25)	1380	155
05/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	967	ND(25)	681	270
08/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	283	ND(25)	373	ND(100)
11/02/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	136	26.8	ND(200)	194
05/04/2012	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	958	ND(130)	1340	ND(100)
11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	992	68.1	NS	NS
04/04/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	858	44.7	NS	NS
10/23/2013	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	1070	106 J	NS	NS
04/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	1110	107	NS	NS
750 BNR									
10/03/2003	ND	ND	ND	ND	ND	51.0	ND	NS	NS
10/18/2003	ND	ND	ND	ND	ND	77.0	ND	NS	NS
11/20/2003	ND	ND	ND	0.23	0.23	77.9	ND	ND	ND

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
750 BNR									
12/23/2003	ND	ND	ND	0.43	0.43	62.2	ND	ND	ND
03/02/2004	ND	ND	ND	ND	ND	65.1	ND	ND	ND
03/25/2004	ND	ND	ND	ND	ND	46.8	ND	ND	ND
10/04/2004	ND	NS	NS	ND	ND	51.7	NS	NS	NS
12/08/2004	ND	ND	ND	ND	ND	35.7	ND	ND	ND
03/31/2005	ND	NS	NS	NS	ND	9.2	NS	ND	ND
06/22/2005	ND	0.23	ND	ND	0.23	ND	ND	ND	1430
11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	298
03/30/2006	NS	NS	NS	NS	NS	NS	ND	NS	NS
06/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	126
09/26/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(2.0)	ND(5.0)	14.2	NS	ND(100)	ND(99)
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	115
12/19/2006	6.74	12.8	6.33	28.1	53.97	ND(1.0)	ND(20)	167	243
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	2.28	ND(20)	ND(100)	170
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.72	ND(20)	ND(100)	1720
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(118)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	60.6	ND(20)	ND(100)	ND(94.3)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	10.0	ND(100)	ND(100)	160
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(4.0)	47.0	7.1	ND(100)	170
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	21.0	ND(1.0)	ND(20)	140 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	24.34	3.29 I	45.0	69.0
02/20/2009	ND(0.2105)	0.8475 I	ND(0.1959)	0.5067	1.3542	34.4	ND(2.0)	29.0 I	NS
05/07/2009	ND(0.2105)	1.17	ND(0.1959)	ND(0.6946)	1.17	30.69	ND(2.0)	ND(25)	120
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	25.1	ND(15)	25.0 I	72.0 I
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	34.9	ND(15)	54.0 I	86.0 I
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	32.0	ND(15)	54.0	46.0
05/20/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	38.5	ND(15)	33.0 I	106 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	41.8	25.3	45.0 I	ND(36)
12/02/2010	ND(0.249)	0.85 I	0.274 I	0.689	1.813	43.6	ND(6.14)	48.0 I	99.0 I
02/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.4	ND(25)	ND(200)	228
05/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.9	ND(25)	ND(200)	472
08/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	42.6	ND(25)	ND(200)	267
11/02/2011	ND(0.5)	0.081 J	ND(0.5)	0.21 J	0.291	39.4	5.4	ND(200)	208
05/04/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	50.5	ND(25)	ND(200)	122
11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	66.9	ND(25)	NS	NS

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750 BNR									
04/01/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	45.9	ND(25)	NS	NS
10/24/2013	ND(1.0)	0.70 J	ND(1.0)	0.37 J	1.07 J	69.1	ND(25)	NS	NS
04/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	75.9	ND(25)	NS	NS
750 BNS									
06/22/2005	ND	ND	ND	ND	ND	ND	ND	ND	554
11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/30/2006	ND	ND	ND	ND	ND	3.13	ND	ND	NS
06/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	NS
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	NS
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(1.0)	ND(20)	ND(100)	NS
06/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	NS
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(118)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	NS
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	300
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	200
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.19)	ND(1.0)	ND(20)	NS
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2511)	ND(0.2562)	ND(2.0)	ND(25)	NS
02/20/2009	ND(0.2105)	0.7117 I	ND(0.1959)	ND(0.6946)	0.7117	1.375	ND(2.0)	ND(25)	NS
05/07/2009	ND(0.2105)	0.77 I	ND(0.1959)	ND(0.6946)	0.77	ND(0.2562)	ND(2.0)	ND(25)	140
09/23/2009	ND(0.211)	0.29 I	ND(0.196)	ND(0.696)	0.29	1.02 I	ND(15)	15.0 I	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.94 I	ND(15)	27.0 I	ND(36)
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.68	ND(15)	ND(25)	43.0
05/20/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.83 I	ND(15)	27.0 I	ND(36)
09/27/2010	ND(0.249)	1.39	ND(0.21)	ND(0.676)	1.39	0.88 I	ND(6.14)	ND(25)	83.0 I
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	0.81 I	ND(6.14)	25.0 I	ND(40)
02/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.90 J	ND(25)	ND(200)	168
08/09/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.64 J	ND(25)	ND(200)	337
11/03/2011	NS	NS	NS	NS	NS	NS	NS	ND(200)	NS
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.77 J	ND(25)	ND(200)	NS
10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.50 J	ND(25)	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.66 J	ND(25)	NS	NS
MW-02									
01/06/2004	ND(0.045)	ND(0.036)	ND(0.027)	ND(0.035)	ND(0.143)	8.9	ND(1.5)	ND(52)	ND(29)
04/05/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	6.2	ND	ND	ND

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Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-02									
07/01/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	4.8	ND(5.0)	ND(200)	ND(100)
10/05/2004	ND	ND	ND	ND	ND	4.0	ND	ND	ND
01/03/2005	ND	ND	ND	ND	ND	6.0	ND	ND	ND
04/13/2005	ND	ND	ND	ND	ND	5.9	ND(25)	ND	ND
08/17/2005	ND	ND	ND	ND	ND	5.5	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	4.9	ND	ND	ND
03/30/2006	ND	ND	ND	ND	ND	2.84	ND	ND	ND
06/29/2006	ND	ND	ND	ND	ND	3.54	10.5	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.1	ND(10)	ND(100)	ND(94.3)
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	4.86	ND(20)	ND(100)	ND(100)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	6.2	ND(20)	ND(100)	ND(100)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.24	ND(20)	ND(100)	ND(97.1)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.41	ND(20)	ND(100)	ND(95.2)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	12.1	ND(20)	ND(100)	ND(105)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	7.6	ND(100)	ND(100)	56.0
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.9	ND(5.0)	ND(100)	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.15)	ND(1.0)	ND(20)	78.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2511)	6.398	ND(2.0)	34.0 I	32.0 I
02/20/2009	ND(0.2105)	0.5513 I	ND(0.1959)	ND(0.6946)	0.5513	6.729	ND(2.0)	ND(25)	65.0 I
05/07/2009	ND(0.2105)	0.78 I	ND(0.1959)	ND(0.6946)	0.78	5.15	ND(2.0)	ND(25)	ND(25)
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.79	ND(15)	43.0 I	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.61	ND(15)	ND(25)	ND(36)
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	1.27	ND(15)	36.0	ND(36)
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.71 I	ND(15)	ND(25)	NS
05/20/2010	NS	NS	NS	NS	NS	NS	NS	NS	ND(36)
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	0.79 I	ND(6.14)	27.0 I	38.0 I
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	159	313	ND(25)	ND(36)
01/11/2011	NS	NS	NS	NS	NS	ND(1.0)	NS	NS	NS
02/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.35 J	ND(25)	ND(200)	ND(100)
05/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.28 J	ND(25)	ND(200)	ND(100)
08/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.34 J	ND(25)	ND(200)	ND(100)
11/03/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	0.31 J	ND(5.0)	ND(200)	ND(100)
05/03/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.22 J	ND(25)	NS	NS

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-02									
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.77 J	ND(25)	NS	NS
MW-04									
01/06/2004	3.9	0.84	ND(0.2)	0.76	5.5	49.3	ND(1.5)	318	ND(270)
04/05/2004	1.4	0.17	ND	ND	1.57	30.4	ND	ND	ND
07/01/2004	0.73	ND(0.5)	ND(0.5)	ND(0.5)	0.73	14.4	ND(5.0)	224	ND(100)
10/05/2004	ND	ND	ND	ND	ND	1.3	ND	ND	ND
01/03/2005	ND	ND	ND	ND	ND	1.5	ND	ND	ND
04/13/2005	ND	ND	ND	ND	ND	24.7	ND(25)	ND	ND
08/17/2005	ND	ND	ND	ND	ND	2.4	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	8.3	ND	ND	ND
03/30/2006	ND	ND	ND	ND	ND	2.91	ND	ND	ND
06/29/2006	ND	ND	ND	ND	ND	3.32	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	5.45	ND(10)	ND(100)	ND(93.9)
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	5.49	ND(20)	ND(100)	ND(101)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.6)	ND(6.0)	ND(11)	1.2	ND(20)	ND(100)	ND(100)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.57	ND(20)	ND(100)	354
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	18.4	ND(20)	ND(100)	315
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	17.7	ND(20)	ND(100)	ND(97.1)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	9.2	ND(100)	ND(100)	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.0	ND(5.0)	ND(100)	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	44.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	7.378	ND(2.0)	40.0 I	22.59
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	8.12	ND(2.0)	ND(25)	57.0 I
05/07/2009	ND(0.2105)	0.70 I	ND(0.1959)	ND(0.6946)	0.70	5.9	ND(2.0)	ND(25)	ND(25)
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.73	ND(15)	15.0 I	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	4.16	ND(15)	30.0 I	ND(36)
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	4.33	ND(15)	35.0	ND(36)
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.59	ND(15)	ND(25)	ND(36)
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	3.04	ND(6.14)	29.0 I	ND(36)
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.34	ND(6.14)	29.0 I	ND(40)
02/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.7	ND(25)	ND(200)	194
05/20/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.6	ND(25)	ND(200)	ND(100)
08/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.3	ND(25)	ND(200)	ND(100)
11/03/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	1.1	ND(5.0)	ND(200)	ND(100)

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<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-04									
05/03/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.2	ND(25)	ND(200)	ND(100)
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.58 J	ND(25)	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	0.62 J	ND(25)	NS	NS
MW-05D									
04/05/2004	0.30	0.69	ND	ND	0.99	241	198	436	ND
07/01/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	260	ND(5.0)	322	281
10/04/2004	ND	ND	ND	ND	ND	12.4	ND	ND	ND
01/03/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	100
11/17/2005	ND	ND	ND	ND	ND	26.2	ND	ND	ND
03/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	ND(93.9)
12/19/2006	3.11	ND(1.0)	ND(1.0)	ND(3.0)	3.11	3420	1850	2750	ND(100)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	1.06	ND(20)	ND(100)	ND(100)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(95.2)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(95.2)
12/05/2007	ND(1.0)	1.15	ND(1.0)	ND(3.0)	1.15	1.02	ND(20)	ND(100)	ND(105)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	780
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.6	5.5	ND(100)	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	42.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	62.89	61.8	111	30.0 I
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	135.4	69.2	ND(25)	57.0 I
05/07/2009	ND(0.2105)	0.87 I	ND(0.1959)	ND(0.6946)	0.87	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
09/23/2009	ND(0.211)	0.25 I	ND(0.196)	ND(0.696)	0.25	0.42 I	ND(15)	ND(13)	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	5.22	ND(15)	27.0 I	ND(36)
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	26.0	39.0
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	26.0 I	325 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)
02/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.5	ND(25)	ND(200)	ND(110)
05/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.4	ND(25)	ND(200)	ND(100)

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-05D									
08/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	342
11/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.72 J	ND(25)	ND(200)	ND(100)
05/01/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.69 J	ND(25)	ND(200)	ND(100)
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
MW-05R									
07/08/2004	ND(1.0)	0.21	ND(1.0)	ND(1.0)	0.21	61.8	16.9	ND(200)	ND(160)
10/04/2004	ND	ND	ND	ND	ND	79.0	ND	ND	168
01/03/2005	ND	ND	ND	ND	ND	72.6	ND	ND	ND
04/13/2005	ND	ND	ND	ND	ND	69.4	19.7	ND	ND
08/17/2005	ND	ND	ND	ND	ND	60.9	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/30/2006	2.15	ND	ND	ND	2.15	3800	1700	775	113
06/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	ND(93.9)
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	115
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	1.18	ND(20)	ND(100)	ND(100)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.11	ND(20)	ND(100)	ND(94.3)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	129
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	120
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	54.0
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	ND(50)
09/15/2008	1.0	ND(0.14)	ND(0.19)	ND(0.71)	1.0	1900	1800	880	92.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	36.0 I
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	65.0 I
05/07/2009	ND(0.2105)	1.28	ND(0.1959)	ND(0.6946)	1.28	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.51 I	ND(15)	ND(13)	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.70 I	ND(15)	26.0 I	86.0 I
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.79	ND(15)	ND(25)	ND(36)
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	540	217 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	28.0 I	105 I
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(38)
02/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(110)

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-05R									
05/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.59 J	ND(25)	ND(200)	ND(100)
08/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
11/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.27 J	ND(25)	ND(200)	ND(100)
05/01/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
MW-05S									
01/06/2004	9.2	0.10	ND(0.027)	1.2	10.5	7630	3840	9290	ND(29)
04/05/2004	ND	ND	ND	ND	ND	2400	ND	3250	ND
07/01/2004	2.4	ND(2.0)	ND(2.0)	ND(2.0)	2.4	3570	1080	3930	ND(100)
10/04/2004	ND	ND	ND	ND	ND	7110	ND	9400	ND
01/03/2005	ND	ND	ND	ND	ND	3280	1830	3080	ND
04/13/2005	ND	ND	ND	0.31	0.31	1790	685	2490	ND
08/17/2005	ND	ND	ND	ND	ND	6.3	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	3550	1960	2630	ND
03/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2006	ND	ND	ND	ND	ND	116	12.8	128	ND
09/28/2006	4.11	ND(1.0)	ND(1.0)	ND(3.0)	4.11	4190	3050	1170	113
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.25	ND(20)	ND(100)	ND(101)
03/06/2007	1.7	ND(2.0)	ND(2.0)	ND(6.0)	1.7	2470	1620	2190	ND(100)
06/22/2007	2.07	ND(1.0)	ND(1.0)	ND(3.0)	2.07	2990	1520	3330	ND(97.1)
09/25/2007	1.83	ND(1.0)	ND(1.0)	ND(3.0)	1.83	2840	1450	2140	ND(97.1)
12/05/2007	1.69	ND(1.0)	ND(1.0)	ND(3.0)	1.69	2140	1420	1540	ND(100)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	1800	NS	2000	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	58.0	55.0	ND(100)	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	5.5	14.0	ND(20)	38.0 I
12/12/2008	1.148	ND(0.1601)	ND(0.1959)	ND(0.6946)	1.148	1110	1360	2230	53.0
02/20/2009	4.24	ND(0.1601)	ND(0.1959)	1.42	5.66	3184	3550	2810	110
05/07/2009	ND(0.2105)	0.66 I	ND(0.1959)	ND(0.6946)	0.66	580.3	590	161	ND(26)
09/23/2009	ND(0.211)	0.40 I	ND(0.196)	ND(0.696)	0.40	885	1440	284	ND(36)
12/07/2009	ND(4.21)	ND(4.94)	ND(3.92)	ND(13.91)	ND(26.98)	1770	1240	985	48.0 I
03/11/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	1380	957	806	ND(36)
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	12.8	ND(15)	ND(25)	ND(36)

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MW-05S									
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	2.38	ND(6.14)	25.0 I	ND(36)
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	575	534	408	ND(36)
02/15/2011	0.46 J	ND(1.0)	ND(1.0)	ND(1.0)	0.46 J	1210	1110	1350	ND(100)
05/18/2011	0.41 J	ND(1.0)	ND(1.0)	ND(1.0)	0.41 J	861	706	860	ND(100)
08/10/2011	0.31 J	ND(1.0)	ND(1.0)	0.25 J	0.56 J	982	757	639	119
11/01/2011	0.24 J	ND(1.0)	ND(1.0)	ND(1.0)	0.24 J	679	562	762	115
05/01/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	594	455	698	ND(100)
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	365	409	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	268	211	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	226	222	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	125	15.5 J	NS	NS
MW-06D									
04/05/2004	ND	ND	ND	ND	ND	5210	ND	6940	134
07/01/2004	1.8	ND(2.5)	ND(2.5)	2.5	4.3	6120	649	7370	179
10/04/2004	74.0	ND	ND	45.7	119.7	6190	ND	8080	156
01/03/2005	61.8	ND	ND	39.1	100.9	6450	1320	6240	199
04/13/2005	5.1	ND	ND	6.7	10.8	6790	706	8870	ND
08/17/2005	ND	ND	ND	ND	ND	2640	ND	2870	ND
11/17/2005	ND	ND	ND	ND	ND	2930	ND	2040	ND
03/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	ND(93.9)
12/19/2006	73.8	ND(1.0)	ND(1.0)	38.0	111.8	12200	1470	10100	165
02/02/2007	65.2	ND(1.0)	ND(1.0)	40.7	105.9	14500	2920	4830	295
03/06/2007	54.0	ND(2.0)	ND(2.0)	30.0	84.0	14300	1920	12200	300
06/22/2007	54.9	ND(1.0)	ND(1.0)	37.3	92.2	14700	1780	8750	233
09/25/2007	63.7	ND(1.0)	ND(1.0)	30.8	94.5	17900	10400	14100	159
12/05/2007	49.6	ND(1.0)	ND(1.0)	32.5	82.1	14000	2830	9370	220
03/25/2008	45.0	ND(5.0)	ND(5.0)	25.0	70.0	12000	NS	14000	770
06/24/2008	46.0	ND(1.0)	ND(1.0)	23.0	69.0	19000	6300	15000	260
09/15/2008	46.0	ND(0.14)	ND(0.19)	22.0	68.0	16000	3300	7100	190 I
12/12/2008	45.71	ND(0.1601)	ND(0.1959)	20.91	66.62	15130	9310	15400	200
02/20/2009	67.31	ND(0.1601)	ND(0.1959)	29.47	96.78	17010	ND(2.0)	6740	170
05/07/2009	43.53	1.32	ND(0.1959)	11.92	56.77	16530	12000	3750	110
09/23/2009	38.2	ND(0.247)	ND(0.196)	2.13	40.33	13800	6260	6810	113 I

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MW-06D									
12/07/2009	55.0 I	ND(49.4)	ND(39.2)	ND(139.1)	55.0	15900	ND(3000)	8090	199 I
03/11/2010	38.0	ND(24.7)	ND(19.6)	ND(69.6)	38.0	17400	4190	11000	116
05/17/2010	31.0 I	ND(12.4)	ND(9.8)	ND(34.8)	31.0	14000	5300	11100	225 I
09/27/2010	34.2	ND(0.201)	ND(0.21)	1.69	35.89	13200	13900	10600	60.0 I
12/06/2010	ND(24.9)	ND(20.1)	ND(21)	ND(67.6)	ND(133.6)	9240	2480 I	11900	95.0 I
02/16/2011	11.4	ND(10)	ND(10)	ND(10)	11.4	6810	2000	6700	135
05/18/2011	7.0 J	ND(10)	ND(10)	ND(10)	7.0 J	4060	1630	4150	ND(100)
08/12/2011	3.1 J	ND(5.0)	ND(5.0)	ND(5.0)	3.1 J	3120	779	3340	ND(100)
11/02/2011	5.7	ND(2.0)	ND(2.0)	0.44 J	6.14	3950	1490	1520	ND(100)
05/02/2012	1.4 J	ND(2.5)	ND(2.5)	ND(2.5)	1.4 J	2100	447	2420	ND(100)
11/14/2012	1.2 J	ND(2.5)	ND(2.5)	ND(2.5)	1.2 J	2450	776	NS	NS
04/03/2013	0.56 J	ND(2.0)	ND(2.0)	ND(2.0)	0.56 J	1410	314	NS	NS
10/23/2013	2.1 J	ND(5.0)	ND(5.0)	ND(5.0)	2.1 J	2870	1350	NS	NS
04/09/2014	3.5 J	ND(10)	ND(5.0)	ND(10)	3.5 J	2670	1870	NS	NS
MW-06R									
07/08/2004	ND(1.0)	76.6	ND(1.6)	ND(1.0)	76.6	74.9	ND(25)	289	160
10/04/2004	0.32	1.4	ND	ND	1.72	83.5	ND	ND	144
01/03/2005	ND	ND	ND	ND	ND	82.8	ND	ND	253
04/13/2005	ND	ND	ND	ND	ND	70.7	ND	ND	163
08/17/2005	ND	ND	ND	ND	ND	65.7	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	70.4	ND	ND	183
03/30/2006	ND	ND	ND	ND	ND	6.95	ND	ND	NS
06/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.82	10.2	ND(100)	ND(94.3)
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.29	ND(20)	ND(100)	178
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(1.0)	ND(20)	ND(100)	110
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	36.6	ND(20)	ND(100)	106
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	68.5	ND(20)	ND(100)	ND(98)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(94.3)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	7.7	ND(100)	ND(100)	2300
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	18.0	ND(5.0)	ND(100)	250
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	32.0	ND(1.0)	ND(20)	57.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	3.067 I	ND(2.0)	29.0 I	44.0 I
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	20.37	ND(2.0)	ND(25)	110 I
05/07/2009	ND(0.2105)	1.28	ND(0.1959)	ND(0.6946)	1.28	ND(0.2562)	ND(2.0)	ND(25)	90.0 I

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MW-06R									
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	37.4	ND(15)	ND(13)	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	81.4	ND(15)	78.0 I	ND(36)
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	67.6	ND(15)	32.0	46.0
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	92.4	ND(15)	54.0 I	39.0 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	129	132	133	40.0 I
12/06/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	112	ND(6.14)	85.0 I	ND(36)
02/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.2	ND(25)	ND(200)	264
05/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	45.2	ND(25)	ND(200)	121
08/12/2011	ND(1.0)	0.26 J	ND(1.0)	ND(1.0)	0.26 J	57.6	ND(25)	ND(200)	ND(100)
11/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.60 J	ND(25)	ND(200)	ND(100)
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	63.1	ND(25)	ND(200)	ND(100)
11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.1	ND(25)	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.0	ND(25)	NS	NS
10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	90.6	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	45.4	ND(25)	NS	NS
MW-06S									
01/06/2004	ND(0.045)	ND(0.036)	ND(0.34)	ND(0.035)	ND(0.456)	135	ND(1.5)	ND(52)	ND(27)
04/05/2004	ND	ND	ND	ND	ND	291	ND	392	ND
07/01/2004	0.57	ND(0.5)	ND(0.5)	0.40	0.97	521	28.7	566	ND(100)
10/04/2004	ND	ND	ND	ND	ND	500	ND	625	ND
01/03/2005	ND	ND	ND	ND	ND	495	26.6	502	ND
04/13/2005	ND	ND	ND	ND	ND	74.9	ND	ND	ND
08/17/2005	ND	ND	ND	ND	ND	545	ND	626	ND
11/17/2005	ND	ND	ND	ND	ND	244	ND	463	ND
03/30/2006	ND	ND	ND	ND	ND	179	ND	135	ND
06/29/2006	ND	ND	ND	ND	ND	40.7	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	936	97.2	290	ND(93.9)
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	128	ND(20)	113	ND(105)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	38.0	ND(20)	ND(100)	ND(100)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	47.4	ND(20)	ND(100)	ND(97.1)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	46.0	ND(100)	ND(100)	60.0
06/24/2008	6.5	ND(1.0)	ND(1.0)	2.4	8.9	2300	450	2200	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	130	ND(1.0)	130	49.0 I
05/07/2009	ND(0.2105)	1.56	ND(0.1959)	ND(0.6946)	1.56	10.17	ND(2.0)	ND(25)	ND(25)
09/23/2009	ND(0.211)	0.28 I	ND(0.196)	ND(0.696)	0.28	150	65.5	ND(13)	ND(36)

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Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-06S									
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	423	ND(15)	192	ND(36)
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.6	ND(15)	ND(25)	48.0
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	20.5	ND(15)	27.0 I	ND(36)
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	146	95.2	127	67.0 I
12/06/2010	ND(1.25)	ND(1.01)	ND(1.05)	ND(3.39)	ND(6.7)	320	ND(30.7)	216	ND(36)
05/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	16.4	ND(25)	ND(200)	ND(100)
11/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	29.1	ND(25)	ND(200)	NS
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.92 J	ND(25)	NS	NS
11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.88 J	ND(25)	NS	NS
10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.55 J	ND(25)	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	15.9	ND(25)	NS	NS
MW-07D									
04/05/2004	ND	ND	ND	ND	ND	9.5	ND	ND	ND
07/01/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	8.4	ND(5.0)	ND(200)	ND(100)
10/04/2004	ND	ND	ND	ND	ND	7.8	ND	ND	ND
01/03/2005	ND	ND	ND	ND	ND	6.2	ND	ND	ND
04/13/2005	ND	ND	ND	ND	ND	0.75	ND	ND	ND
08/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(10)	ND(100)	ND(93.9)
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(100)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(1.0)	ND(20)	ND(100)	ND(60)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(95.2)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(98)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	125
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	5800
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	110 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.8438 I	ND(2.0)	ND(25)	39.0 I
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	85.0 I
05/07/2009	ND(0.2105)	1.81	ND(0.1959)	ND(0.6946)	1.81	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	ND(13)	ND(36)
12/07/2009	ND(0.211)	0.49 I	ND(0.196)	ND(0.696)	0.49	0.56 I	ND(15)	28.0 I	131 I

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Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-07D									
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.71	ND(15)	33.0	NS
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.64 I	ND(15)	ND(25)	36.0 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	121 I
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)
02/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(110)
05/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
08/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
11/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.35 J	ND(25)	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.5	ND(25)	NS	NS
10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
MW-07S									
04/05/2004	ND	ND	ND	ND	ND	189	ND	ND	ND
07/01/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	185	ND(5.0)	237	ND(100)
10/04/2004	ND	ND	ND	ND	ND	214	ND	276	ND
01/03/2005	ND	ND	ND	ND	ND	244	ND	232	ND
04/13/2005	ND	ND	ND	ND	ND	148	ND	208	ND
08/17/2005	ND	ND	ND	ND	ND	50.0	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	119	ND	214	ND
03/30/2006	ND	ND	ND	ND	ND	47.4	ND	ND	ND
06/29/2006	ND	ND	ND	ND	ND	58.5	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	17.3	ND(10)	ND(100)	ND(93.9)
12/19/2006	ND(1.0)	1.45	1.09	4.77	7.31	24.8	ND(20)	ND(100)	ND(100)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	65.5	ND(20)	ND(100)	ND(79)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	26.1	ND(20)	ND(100)	ND(98)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	16.7	ND(20)	ND(100)	ND(125)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	19.1	ND(20)	ND(100)	ND(100)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	44.0	ND(100)	ND(100)	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	15.0	ND(5.0)	ND(100)	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	33.0	ND(1.0)	ND(20)	46.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	17.4	ND(2.0)	44.0 I	ND(14)
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	47.23	ND(2.0)	ND(25)	51.0 I
05/07/2009	ND(0.2105)	1.68	ND(0.1959)	ND(0.6946)	1.68	44.24	ND(2.0)	ND(25)	ND(25)

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Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-07S									
09/23/2009	ND(0.211)	0.45 I	ND(0.196)	ND(0.696)	0.45	13.3	ND(15)	ND(13)	ND(36)
12/07/2009	ND(0.211)	0.34 I	ND(0.196)	ND(0.696)	0.34	22.9	ND(15)	36.0 I	60.0 I
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	1.65	ND(15)	34.0	ND(36)
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.28 I	ND(15)	ND(25)	ND(36)
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	32.0	17.0 I	40.0 I	ND(36)
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	26.0	ND(6.14)	34.0 I	ND(36)
02/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.7	ND(25)	ND(200)	ND(110)
05/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	25.4	ND(25)	ND(200)	ND(100)
08/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	37.0	6.0 J	ND(200)	ND(100)
11/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	32.3	ND(25)	ND(200)	ND(100)
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	22.2	ND(25)	ND(200)	ND(110)
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	11.2	ND(25)	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	13.6	ND(25)	NS	NS
10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	9.4	ND(25)	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	7.6	ND(25)	NS	NS
MW-08D									
04/05/2004	ND	ND	ND	ND	ND	80.0	ND	ND	ND
07/01/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	71.7	ND(5.0)	ND(200)	ND(100)
10/04/2004	ND	ND	ND	ND	ND	95.4	ND	ND	ND
01/03/2005	ND	ND	ND	1.1	1.1	93.6	ND	ND	ND
04/13/2005	ND	ND	ND	4.8	4.8	135	ND	344	ND
08/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/17/2005	ND	ND	ND	0.92	0.92	233	43.9	481	ND
03/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	299	19.9	144	ND(93.9)
12/19/2006	ND(1.0)	2.11	1.68	10.6	14.39	278	23.7	372	ND(100)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	369	47.9	381	ND(100)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	391	ND(20)	387	ND(95.2)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	292	ND(20)	295	ND(96.2)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	4.03	4.03	460	49.6	353	ND(94.3)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	17.0	17.0	670	ND(100)	920	130
06/24/2008	1.2	ND(1.0)	ND(1.0)	7.7	8.9	660	70.0	790	63.0
09/15/2008	1.3	ND(0.14)	ND(0.19)	8.9	10.2	620	56.0	420	71.0 I
12/12/2008	1.188	0.5046 I	ND(0.1959)	8.671	10.3636	659.1	158	1180	67.0

DRAFT

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<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-08D									
02/20/2009	2.525	ND(0.1601)	ND(0.1959)	14.82	17.345	1083	361	703	68.0 I
05/07/2009	1.87	0.63 I	ND(0.1959)	13.81	16.31	1013	659	420	70.0
09/23/2009	ND(1.05)	ND(1.24)	ND(0.98)	3.35	3.35	343	ND(75)	104	ND(36)
12/07/2009	ND(2.11)	ND(2.47)	ND(1.96)	10.2	10.2	1130	ND(150)	698	ND(36)
03/11/2010	ND(2.11)	2.7	ND(1.96)	7.7	10.4	1330	170	981	80.0
05/17/2010	0.93 I	ND(0.247)	ND(0.196)	7.62	8.55	1520	261	1200	93.0 I
09/27/2010	0.613 I	ND(0.201)	ND(0.21)	9.82	10.433	1480	996	1150	68.0 I
12/02/2010	ND(12.5)	ND(10.1)	ND(10.5)	ND(33.9)	ND(67)	1660	ND(307)	1380	104 I
02/15/2011	3.7 J	ND(5.0)	ND(5.0)	8.6	12.3	2130	291	2390	128
05/17/2011	2.4 J	ND(5.0)	ND(5.0)	7.9	10.3	2220	292	2120	ND(100)
08/10/2011	4.0 J	ND(5.0)	ND(5.0)	8.5	12.5	2950	674	1730	177
11/01/2011	2.1	ND(1.0)	ND(1.0)	4.0	6.1	3110	464	2960	ND(100)
05/03/2012	1.6	ND(1.0)	ND(1.0)	2.4	4.0	3400	451	3560	ND(100)
11/14/2012	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	4320	640	NS	NS
04/02/2013	1.5 J	ND(5.0)	ND(5.0)	ND(5.0)	1.5 J	3810	512	NS	NS
10/24/2013	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	4900	834	NS	NS
04/10/2014	ND(10)	ND(20)	ND(10)	ND(20)	ND(60)	3950	848	NS	NS
MW-08S									
04/05/2004	ND	ND	ND	ND	ND	15.6	ND	ND	ND
07/01/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	7.6	ND(5.0)	ND(200)	ND(100)
10/04/2004	ND	ND	ND	ND	ND	4.9	ND	ND	ND
01/03/2005	ND	ND	ND	ND	ND	9.8	ND	ND	ND
04/13/2005	ND	ND	ND	ND	ND	16.0	ND	ND	ND
08/17/2005	ND	ND	ND	ND	ND	2.3	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	11.3	ND	ND	ND
03/30/2006	ND	ND	ND	ND	ND	10.1	ND	ND	125
06/29/2006	ND	ND	ND	ND	ND	17.4	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	11.1	ND(10)	ND(100)	ND(93.9)
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	16.4	ND(20)	ND(100)	ND(100)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	27.2	ND(20)	ND(100)	ND(81)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	4.22	ND(20)	ND(100)	ND(100)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	11.6	ND(20)	ND(100)	ND(97.1)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	20.7	ND(20)	ND(100)	ND(94.3)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	20.0	ND(100)	ND(100)	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.0	ND(5.0)	ND(100)	ND(50)

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(µg/L) - micrograms per Liter

Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-08S									
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	14.0	ND(1.0)	ND(20)	55.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	30.85	ND(2.0)	54.0	ND(13)
02/20/2009	ND(0.2105)	0.5156 I	ND(0.1959)	ND(0.6946)	0.5156	23.85	ND(2.0)	ND(25)	36.0 I
05/07/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	39.33	ND(2.0)	ND(25)	ND(26)
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	13.1	ND(15)	16.0 I	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	34.0	ND(15)	44.0 I	45.0 I
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	7.05	ND(15)	ND(25)	38.0
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.21	ND(15)	ND(25)	44.0 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	8.81	ND(6.14)	34.0 I	ND(36)
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	10.7	ND(6.14)	ND(25)	ND(36)
02/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	14.7	ND(25)	ND(200)	ND(110)
05/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	175	ND(25)	226	ND(100)
08/10/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	12.6	ND(25)	ND(200)	ND(100)
11/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.0	ND(25)	ND(200)	ND(100)
05/04/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	15.8	ND(25)	ND(200)	ND(100)
04/02/2013	1.9	1.6	ND(1.0)	ND(1.0)	3.5	442	86.6	NS	NS
10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	154	ND(25)	NS	NS
04/10/2014	ND(1.3)	ND(2.5)	ND(1.3)	ND(2.5)	ND(7.6)	704	82.4	NS	NS
MW-09D									
04/05/2004	ND	ND	ND	ND	ND	3.0	ND	ND	ND
07/01/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	4.4	ND(5.0)	ND(200)	249
10/05/2004	ND	ND	ND	ND	ND	7.0	ND	ND	ND
01/03/2005	ND	ND	ND	ND	ND	7.4	ND	ND	ND
04/13/2005	ND	ND	ND	ND	ND	7.2	ND	ND	ND
08/17/2005	ND	ND	ND	ND	ND	8.1	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	8.1	ND	ND	ND
03/30/2006	ND	ND	ND	ND	ND	5.28	ND	ND	ND
06/29/2006	ND	ND	ND	ND	ND	4.85	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	5.23	ND(10)	ND(100)	ND(93.9)
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.15	ND(20)	ND(100)	ND(100)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	3.12	ND(20)	ND(100)	ND(76)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.89	ND(20)	ND(100)	ND(111)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	3.02	ND(20)	ND(100)	ND(95.2)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.38	ND(20)	ND(100)	ND(97.1)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	64.0

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Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-09D									
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(5.0)	ND(100)	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	620
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.7778 I	ND(2.0)	ND(25)	ND(13)
02/20/2009	ND(0.2105)	0.5395 I	ND(0.1959)	ND(0.6946)	0.5395	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
05/07/2009	ND(0.2105)	0.66 I	ND(0.1959)	ND(0.6946)	0.66	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.57 I	ND(15)	ND(13)	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.51 I	ND(15)	32.0 I	ND(36)
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.54	ND(15)	ND(25)	51.0
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.40 I	ND(15)	ND(25)	54.0 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	633 I
02/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	240
05/18/2011	NS	NS	NS	NS	NS	NS	NS	NS	ND(100)
06/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.28 J	ND(25)	ND(200)	NS
08/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	187
11/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
05/03/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.30 J	ND(25)	ND(200)	ND(100)
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/04/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.54 J	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
MW-09S									
04/05/2004	ND	ND	ND	ND	ND	0.66	ND	ND	ND
07/01/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	1.1	ND(5.0)	ND(200)	ND(100)
10/05/2004	ND	ND	ND	ND	ND	3.3	ND	ND	ND
01/03/2005	ND	ND	ND	ND	ND	6.5	ND	ND	ND
04/13/2005	ND	ND	ND	ND	ND	5.1	ND	ND	ND
08/17/2005	ND	ND	ND	ND	ND	6.5	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	6.1	ND	ND	ND
03/30/2006	ND	ND	ND	ND	ND	3.85	ND	ND	ND
06/29/2006	ND	ND	ND	ND	ND	3.39	ND	ND	ND
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	3.93	ND(10)	ND(100)	ND(94.3)
12/19/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.09	ND(20)	ND(100)	ND(102)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	1.23	ND(20)	ND(100)	ND(63)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(97.1)

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-09S									
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(118)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	ND(1.0)	ND(20)	ND(100)	ND(105)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	73.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.5719 I	ND(2.0)	ND(25)	14.0 I
02/20/2009	ND(0.2105)	0.5568 I	ND(0.1959)	ND(0.6946)	0.5568	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
05/07/2009	ND(0.2105)	0.99 I	ND(0.1959)	ND(0.6946)	0.99	ND(0.2562)	ND(2.0)	ND(25)	ND(25)
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.27 I	ND(15)	17.0 I	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	ND(25)	43.0 I
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	ND(25)	37.0
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	ND(25)	ND(36)
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	32.0 I	ND(36)
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	ND(0.46)	ND(6.14)	ND(25)	ND(36)
02/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(110)
05/18/2011	NS	NS	NS	NS	NS	NS	NS	NS	ND(100)
06/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.39 J	ND(25)	ND(200)	NS
08/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(110)
11/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
05/03/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	ND(100)
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/04/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
MW-11D									
07/08/2004	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	62.2	19.0	ND(200)	1020
10/04/2004	ND	ND	ND	ND	ND	30.8	ND	ND	146
01/03/2005	ND	ND	ND	ND	ND	7.6	ND	ND	148
04/13/2005	ND	ND	ND	ND	ND	19.2	ND	ND	211
08/17/2005	ND	ND	ND	ND	ND	10.1	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	0.75	ND	ND	728
03/30/2006	ND	ND	ND	ND	ND	10.6	ND	ND	323
06/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	339
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.75	ND(10)	ND(100)	277
12/19/2006	ND(1.0)	14.7	ND(1.0)	ND(3.0)	14.7	ND(1.0)	ND(20)	ND(100)	464

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-11D									
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	ND(1.0)	ND(20)	ND(100)	130
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.11	ND(20)	ND(100)	447
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	15.6	ND(20)	ND(100)	213
12/05/2007	1.63	2.49	ND(1.0)	ND(3.0)	4.12	ND(1.0)	ND(20)	ND(100)	1280
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	1600
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	210
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	360
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	25.0 I	124
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	2.39 I	ND(2.0)	ND(25)	250
05/07/2009	ND(0.2105)	1.57	ND(0.1959)	ND(0.6946)	1.57	ND(0.2562)	ND(2.0)	ND(25)	120
09/23/2009	ND(0.211)	1.53	ND(0.196)	ND(0.696)	1.53	0.66 I	ND(15)	ND(13)	ND(36)
12/07/2009	ND(0.211)	1.38	0.24 I	0.40	2.02	0.66 I	ND(15)	38.0 I	98.0 I
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	4.59	ND(15)	36.0	105
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.52	ND(15)	ND(25)	45.0 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	1.39	ND(6.14)	ND(25)	260 I
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	1.72	ND(6.14)	ND(25)	218 I
02/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.8	ND(25)	ND(200)	307
05/18/2011	NS	NS	NS	NS	NS	NS	NS	NS	363
06/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	12.5	ND(25)	ND(200)	NS
08/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	17.3	ND(25)	ND(200)	ND(100)
11/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.33 J	ND(25)	ND(200)	ND(100)
05/01/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.8	ND(25)	ND(200)	ND(100)
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/04/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.4	ND(25)	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	1.7	ND(25)	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	5.0	ND(25)	NS	NS
MW-11R									
07/01/2004	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(2.0)	26.4	ND(5.0)	ND(200)	429
10/04/2004	ND	ND	ND	ND	ND	19.4	ND	ND	ND
01/03/2005	ND	ND	ND	ND	ND	18.8	ND	ND	ND
04/13/2005	ND	ND	ND	ND	ND	8.0	ND	ND	ND
08/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/17/2005	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/30/2006	ND	ND	ND	ND	ND	ND	ND	ND	113
06/29/2006	ND	ND	ND	ND	ND	1.55	ND	ND	ND

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-11R									
09/28/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	2.66	ND(10)	ND(100)	351
12/19/2006	ND(1.0)	1.42	1.2	5.49	8.11	27.7	ND(20)	ND(100)	941
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	25.1	ND(20)	ND(100)	ND(100)
06/22/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.5	ND(20)	ND(100)	ND(98)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	4.76	ND(20)	ND(100)	ND(97.1)
12/05/2007	2.14	3.02	ND(1.0)	ND(3.0)	5.16	2.57	ND(20)	ND(100)	ND(100)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	2300
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(5.0)	ND(100)	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.18)	ND(1.0)	ND(20)	53.0 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	0.7315 I	ND(2.0)	37.0 I	57.0
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	160
05/07/2009	ND(0.2105)	1.8	ND(0.1959)	ND(0.6946)	1.8	ND(0.2562)	ND(2.0)	ND(25)	140
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	ND(0.261)	ND(15)	ND(13)	ND(36)
12/07/2009	ND(0.211)	0.27 I	ND(0.196)	ND(0.696)	0.27	29.9	ND(15)	45.0 I	279 I
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	8.52	ND(15)	ND(25)	NS
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.48 I	ND(15)	ND(25)	ND(36)
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	4.8	ND(6.14)	29.0 I	53.0 I
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	3.87	ND(6.14)	ND(25)	40.0 I
02/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	ND(200)	125
05/18/2011	0.99 J	ND(1.0)	ND(1.0)	ND(1.0)	0.99 J	751	1600	ND(200)	192
08/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.48 J	ND(25)	ND(200)	ND(100)
11/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.43 J	ND(25)	ND(200)	ND(100)
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2.6	ND(25)	ND(200)	798
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/04/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
MW-11S									
07/08/2004	14.1	ND(25)	ND(25)	ND(25)	14.1	12000	3020	15900	ND(110)
10/04/2004	16.1	ND	ND	ND	16.1	8250	3300	14300	199
01/03/2005	10.3	ND	ND	ND	10.3	9860	3120	8240	225
04/13/2005	9.8	ND	ND	ND	9.8	6520	2470	10600	ND
08/17/2005	ND	ND	ND	ND	ND	7120	3750	15800	148
11/17/2005	2.5	ND	ND	ND	2.5	2130	1310	3800	354
03/30/2006	5.23	ND	ND	ND	5.23	3760	1510	4130	411

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<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-11S									
06/29/2006	ND	ND	ND	ND	ND	51.9	43.3	ND	370
09/28/2006	2.31	ND(1.0)	ND(1.0)	ND(3.0)	2.31	1960	1130	652	629
12/19/2006	3.27	1.57	ND(1.0)	ND(3.0)	4.84	1860	1360	1610	ND(100)
03/06/2007	ND(1.0)	ND(2.0)	ND(2.0)	ND(6.0)	ND(11)	45.4	50.1	ND(100)	260
06/22/2007	2.47	ND(1.0)	ND(1.0)	ND(3.0)	2.47	2340	1510	2880	298
09/25/2007	3.67	ND(1.0)	ND(1.0)	ND(3.0)	3.67	3810	14600	2870	169
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	29.2	52.4	ND(100)	775
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	ND(5.0)	ND(100)	ND(100)	63.0
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	31.0	52.0	ND(100)	260
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	54.0	87.0	120	150 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	202
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	814.9	746	403	180
05/07/2009	ND(0.2105)	1.62	ND(0.1959)	ND(0.6946)	1.62	ND(0.2562)	ND(2.0)	ND(25)	110
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	16.5	39.4	ND(13)	ND(36)
12/07/2009	ND(0.211)	0.40 I	ND(0.196)	ND(0.696)	0.40	0.40 I	ND(15)	26.0 I	ND(36)
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	10.5	ND(15)	33.0	74.0
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	223	144	142	ND(36)
09/27/2010	1.1	ND(0.201)	ND(0.21)	ND(0.676)	1.1	1090	2830	948	ND(36)
12/02/2010	ND(4.99)	ND(4.03)	ND(4.2)	ND(13.53)	ND(26.75)	376	717	300	897
02/15/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	102	232	ND(200)	646
05/18/2011	1.0	ND(1.0)	ND(1.0)	ND(1.0)	1.0	804	1580	915	192
06/03/2011	0.39 J	ND(1.0)	ND(1.0)	ND(1.0)	0.39 J	987	1360	922	NS
08/12/2011	0.95 J	ND(1.0)	ND(1.0)	ND(1.0)	0.95 J	1050	2380	1280	ND(100)
11/01/2011	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	943	2410	1120	200
05/02/2012	0.29 J	ND(1.0)	ND(1.0)	ND(1.0)	0.29 J	804	1350	1010	ND(100)
11/13/2012	0.48 J	ND(1.0)	ND(1.0)	ND(1.0)	0.48 J	475	888	NS	NS
04/04/2013	0.25 J	ND(1.0)	ND(1.0)	ND(1.0)	0.25 J	178	340	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	206	223	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	18.7	15.4 J	NS	NS
MW-12									
06/22/2007	3.96	ND(1.0)	ND(1.0)	5.35	9.31	1540	141	1520	ND(95.2)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1080	74.2	796	ND(95.2)
12/05/2007	2.13	ND(1.0)	ND(1.0)	4.17	6.3	1990	269	1760	ND(94.3)
03/25/2008	36.0	ND(5.0)	ND(5.0)	19.0	55.0	11000	NS	12000	280
06/24/2008	1.6	ND(1.0)	ND(1.0)	ND(1.0)	1.6	950	120	900	ND(50)

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MW-12									
09/15/2008	11.0	ND(0.14)	ND(0.19)	9.9	20.9	5900	1400	3100	110 I
12/12/2008	0.8948 I	ND(0.1601)	ND(0.1959)	0.5607	1.4555	1310	447	2230	26.36
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	1.27	1.27	1811	339	934	71.0 I
05/07/2009	2.26	1.59	ND(0.1959)	2.43	6.28	2931	1870	817	ND(25)
08/25/2009	6.63	ND(0.247)	ND(0.196)	10.6	17.23	2360	2800	NS	NS
08/27/2009	10.7	ND(0.14)	0.60 I	10.8	22.1	6620	ND(1.0)	2600	39.0 I
08/28/2009	12.7	ND(0.14)	ND(0.19)	11.4	24.1	7460	ND(1.0)	3300	56.0 I
09/23/2009	6.84	ND(0.247)	ND(0.196)	3.02	9.86	4710	3630	1810	ND(36)
12/07/2009	ND(10.5)	ND(12.4)	ND(9.8)	ND(34.8)	ND(67.5)	3850	ND(750)	2230	ND(36)
03/11/2010	ND(5.26)	ND(6.18)	ND(4.9)	ND(17.39)	ND(33.73)	3610	657	2840	52.0
05/17/2010	3.1	ND(0.247)	ND(0.196)	0.39	3.49	3920	1900	3230	NS
05/20/2010	NS	NS	NS	NS	NS	NS	NS	NS	40.0 I
09/27/2010	1.99	ND(0.201)	ND(0.21)	1.26	3.25	2870	2470	2590	60.0 I
12/06/2010	ND(6.23)	ND(5.03)	ND(5.25)	ND(16.9)	ND(33.41)	1880	ND(154)	1440	ND(36)
02/16/2011	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	1460	147	1450	ND(100)
05/19/2011	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	2280	686	2280	ND(100)
08/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	38.6	ND(25)	ND(200)	ND(100)
11/02/2011	0.78 J	ND(1.0)	ND(1.0)	ND(1.0)	0.78 J	2960	677	1410	ND(100)
05/02/2012	0.56 J	ND(2.5)	ND(2.5)	ND(2.5)	0.56 J	1930	358	2250	ND(100)
11/14/2012	0.62 J	ND(2.5)	ND(2.5)	ND(2.5)	0.62 J	2280	527	NS	NS
04/03/2013	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	1490	431	NS	NS
10/23/2013	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	2810	678	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	154	40.7	NS	NS
MW-13D									
11/25/2008	9.753	ND(0.1601)	ND(0.1959)	3.107	12.86	759.4	318	623	90.0
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	256.6	ND(2.0)	109	57.0 I
05/07/2009	ND(0.2105)	0.64 I	ND(0.1959)	ND(0.6946)	0.64	6.14	ND(2.0)	ND(25)	ND(25)
09/23/2009	2.67	ND(0.247)	ND(0.196)	1.2	3.87	314	252	50.0 I	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	106	ND(15)	51.0 I	72.0 I
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	8.57	ND(15)	ND(25)	ND(36)
05/17/2010	0.69 I	ND(0.247)	ND(0.196)	ND(0.696)	0.69	194	77.8	393	ND(36)
09/27/2010	1.13	ND(0.201)	ND(0.21)	ND(0.676)	1.13	151	117	136	60.0 I
12/03/2010	0.995 I	ND(0.403)	ND(0.42)	ND(1.353)	0.995	147	ND(12.3)	120	ND(40)
02/18/2011	0.33 J	ND(1.0)	ND(1.0)	ND(1.0)	0.33 J	438	73.7	500	ND(100)
05/17/2011	1.0	0.19 J	ND(1.0)	ND(1.0)	1.19	166	33.3	224	ND(100)

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MW-13D									
08/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	140	12.0 J	ND(200)	ND(100)
11/01/2011	0.40 J	ND(1.0)	ND(1.0)	ND(1.0)	0.40 J	216	53.7	252	ND(100)
05/01/2012	0.80 J	ND(1.0)	ND(1.0)	ND(1.0)	0.80 J	193	36.2	263	200
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	165	44.0	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	171	56.8	NS	NS
10/24/2013	0.49 J	ND(1.0)	ND(1.0)	ND(1.0)	0.49 J	280	69.7	NS	NS
04/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	99.4	17.7 J	NS	NS
MW-13S									
11/25/2008	29.33	ND(0.1601)	ND(0.1959)	4.634	33.964	5527	2360	2780	164
02/20/2009	24.12	ND(0.1601)	ND(0.1959)	3.49	27.61	4297	1160	2580	120
05/07/2009	13.44	ND(0.1601)	ND(0.1959)	2.77	16.21	3081	2660	917	73.0
09/23/2009	11.9	0.31 I	ND(0.196)	1.44	13.65	3260	2550	1370	43.0 I
12/07/2009	10.0	ND(2.47)	ND(1.96)	ND(6.96)	10.0	2720	652	1650	ND(36)
03/11/2010	7.25	ND(6.18)	ND(4.9)	ND(17.39)	7.25	2790	750	2410	53.0
05/17/2010	8.98	ND(0.247)	ND(0.196)	1.28	10.26	2760	1710	2360	74.0 I
09/27/2010	10.8	ND(0.201)	ND(0.21)	1.61	12.41	2930	2740	2370	60.0 I
12/03/2010	9.76 I	ND(5.03)	ND(5.25)	ND(16.9)	9.76	3020	1490	2430	99.0 I
02/18/2011	8.2	ND(2.5)	ND(2.5)	1.4 J	9.6	2310	1310	2580	126
05/17/2011	4.1 J	ND(5.0)	ND(5.0)	ND(5.0)	4.1 J	2640	1660	2570	132
08/11/2011	9.7	ND(5.0)	ND(5.0)	ND(5.0)	9.7	3150	1460	1760	137
11/01/2011	14.9	ND(5.0)	ND(5.0)	1.5 J	16.4	4180	2580	3530	ND(100)
05/01/2012	19.5	ND(5.0)	ND(5.0)	1.1 J	20.6	4420	3130	5060	ND(110)
11/15/2012	30.9	ND(1.0)	ND(1.0)	0.64 J	31.54	3430	3280	NS	NS
04/03/2013	16.5	ND(10)	ND(10)	ND(10)	16.5	3500	2750	NS	NS
10/23/2013	21.2	ND(10)	ND(10)	ND(10)	21.2	2580	2060	NS	NS
04/10/2014	12.5	ND(5.0)	ND(2.5)	ND(5.0)	12.5	1980	1870	NS	NS
MW-14D									
11/25/2008	85.08	ND(0.1601)	ND(0.1959)	25.19	110.27	1099	496	1010	140
02/20/2009	5.28	ND(0.1601)	ND(0.1959)	2.23	7.51	469	ND(2.0)	264	93.0 I
05/07/2009	2.68	0.68 I	ND(0.1959)	0.86	4.22	86.81	40.6	31.0	ND(25)
09/23/2009	21.9	ND(0.247)	ND(0.196)	2.59	24.49	419	297	145	ND(36)
12/07/2009	5.35	ND(1.24)	ND(0.98)	ND(3.48)	5.35	424	ND(75)	205	77.0 I
03/11/2010	0.66	ND(0.494)	ND(0.392)	ND(1.391)	0.66	329	39.4	116	44.0
05/17/2010	3.04	ND(0.247)	ND(0.196)	ND(0.696)	3.04	428	165	637	ND(36)
09/27/2010	33.7	ND(0.201)	ND(0.21)	3.75	37.45	764	578	559	60.0 I

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-14D									
12/03/2010	46.5	ND(2.01)	ND(2.1)	6.01	52.51	1090	280	1090	97.0 I
02/18/2011	79.6	ND(5.0)	ND(5.0)	16.2	95.8	1720	406	2060	134
05/17/2011	50.1	ND(5.0)	ND(5.0)	13.8	63.9	2250	517	1570	112
08/11/2011	7.1	ND(1.0)	ND(1.0)	0.32 J	7.42	566	139	449	ND(100)
11/01/2011	48.1	ND(2.0)	ND(2.0)	12.9	61.0	2180	620	2520	ND(100)
05/01/2012	44.3	ND(5.0)	ND(5.0)	10.1	54.4	3890	980	4250	ND(100)
11/15/2012	8.9	ND(5.0)	ND(5.0)	ND(5.0)	8.9	1720	588	NS	NS
04/03/2013	0.89 J	ND(1.0)	ND(1.0)	ND(1.0)	0.89 J	137	52.9	NS	NS
10/24/2013	28.3	ND(5.0)	ND(5.0)	2.9 J	31.2	6340	1610	NS	NS
04/10/2014	17.6	ND(1.0)	ND(0.5)	1.1	18.7	4770	1570	NS	NS
MW-14S									
11/25/2008	32.19	ND(0.1601)	ND(0.1959)	10.17	42.36	6667	2920	3000	150
02/20/2009	6.96	ND(0.1601)	ND(0.1959)	2.76	9.72	3583	ND(2.0)	2060	66.0 I
05/07/2009	0.84 I	0.77 I	ND(0.1959)	0.57	2.18	2026	1550	610	ND(25)
09/23/2009	4.74	0.51 I	ND(0.196)	1.49	6.74	2180	1300	825	ND(36)
12/07/2009	3.2 I	ND(2.47)	ND(1.96)	ND(6.96)	3.2	2280	ND(150)	1090	ND(36)
03/11/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(18.5)	1670	ND(150)	812	ND(36)
05/17/2010	0.72 I	ND(0.247)	ND(0.196)	ND(0.696)	0.72	618	154	255	39.0 I
09/27/2010	26.7	ND(0.201)	ND(0.21)	7.05	33.75	6710	4770	5320	60.0 I
12/03/2010	8.43 I	ND(5.03)	ND(5.25)	ND(16.9)	8.43	4840	ND(154)	2980	ND(40)
02/18/2011	8.4	ND(5.0)	ND(5.0)	2.5 J	10.9	3300	260	3190	ND(110)
05/17/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(4.0)	651	ND(50)	658	ND(100)
08/11/2011	8.2	ND(5.0)	ND(5.0)	3.3 J	11.5	2920	264	1540	ND(100)
11/01/2011	4.5	ND(2.5)	ND(2.5)	2.2 J	6.7	1820	196	1600	ND(100)
05/01/2012	2.1	ND(1.0)	ND(1.0)	0.98 J	3.08	1350	80.9	1430	ND(100)
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	935	ND(25)	NS	NS
04/03/2013	1.3 J	ND(5.0)	ND(5.0)	ND(5.0)	1.3 J	751	79.8 J	NS	NS
10/23/2013	0.29 J	ND(1.0)	ND(1.0)	ND(1.0)	0.29 J	440	26.2	NS	NS
04/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	200	ND(25)	NS	NS
MW-15D									
11/25/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	360.6	112	316	15.0
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	57.87	ND(2.0)	ND(25)	63.0 I
05/07/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	236.6	99.2	ND(25)	52.0
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	0.34	0.34	378	238	52.0 I	ND(36)
12/07/2009	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	298	ND(75)	96.0 I	66.0 I

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<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-15D									
03/11/2010	ND(1.05)	ND(1.24)	ND(0.98)	ND(3.48)	ND(6.75)	708	ND(75)	275	38.0
05/17/2010	ND(2.11)	ND(2.47)	ND(1.96)	ND(6.96)	ND(13.5)	588	ND(150)	406	ND(36)
09/27/2010	0.283 I	ND(0.201)	ND(0.21)	ND(0.676)	0.283	768	625	596	60.0 I
12/03/2010	ND(2.49)	ND(2.01)	ND(2.1)	ND(6.76)	ND(13.36)	685	ND(61.4)	569	ND(40)
02/17/2011	2.7	ND(1.0)	ND(1.0)	ND(1.0)	2.7	529	60.7	584	ND(110)
06/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	654	46.0	613	ND(100)
08/11/2011	1.3	ND(1.0)	ND(1.0)	ND(1.0)	1.3	513	37.1	327	ND(100)
11/01/2011	0.95 J	ND(1.0)	ND(1.0)	ND(1.0)	0.95 J	547	67.8	650	ND(100)
05/01/2012	2.1	ND(1.0)	ND(1.0)	ND(1.0)	2.1	569	45.2	680	ND(110)
11/15/2012	1.3	ND(1.0)	ND(1.0)	ND(1.0)	1.3	404	35.3	NS	NS
04/02/2013	0.47 J	ND(2.0)	ND(2.0)	ND(2.0)	0.47 J	320	43.1 J	NS	NS
10/24/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	402	34.6	NS	NS
04/10/2014	ND(1.0)	ND(2.0)	ND(1.0)	ND(2.0)	ND(6.0)	359	25.8 J	NS	NS
MW-15S									
11/25/2008	62.88	ND(0.1601)	ND(0.1959)	17.69	80.57	8463	3840	3650	165
02/20/2009	44.57	ND(0.1601)	ND(0.1959)	12.42	56.99	7970	2580	1950	140
05/07/2009	14.88	0.76 I	ND(0.1959)	4.54	20.18	3296	2710	1160	53.0
09/23/2009	13.5	0.33 I	ND(0.196)	3.7	17.53	5780	3740	2250	44.0 I
12/07/2009	24.0 I	ND(12.4)	ND(9.8)	ND(34.8)	24.0	6510	869 I	2920	102 I
03/11/2010	26.5	ND(12.4)	ND(9.8)	ND(34.8)	26.5	7150	1930	6540	69.0
05/17/2010	26.1	ND(0.247)	ND(0.196)	7.57	33.67	8600	4870	7140	84.0 I
09/27/2010	28.7	ND(0.201)	ND(0.21)	9.42	38.12	8460	5870	6380	60.0 I
12/03/2010	13.4 I	ND(10.1)	ND(10.5)	ND(33.9)	13.4	6780	ND(307)	5200	68.0 I
02/17/2011	11.8	ND(10)	ND(10)	3.8 J	15.6	4410	620	4560	ND(100)
06/03/2011	6.1	ND(5.0)	ND(5.0)	2.0 J	8.1	2750	277	2690	ND(100)
08/11/2011	14.3 J	ND(20)	ND(20)	ND(20)	14.3 J	5140	468 J	2630	122
11/01/2011	12.6	ND(1.0)	ND(1.0)	3.8	16.4	3590	441	3770	ND(100)
05/01/2012	2.4	ND(1.0)	ND(1.0)	0.55 J	2.95	1260	55.8	1680	ND(100)
11/15/2012	3.0 J	ND(5.0)	ND(5.0)	ND(5.0)	3.0 J	2390	ND(130)	NS	NS
04/02/2013	3.2 J	ND(4.0)	ND(4.0)	ND(4.0)	3.2 J	410	ND(100)	NS	NS
10/22/2013	1.5	ND(1.0)	ND(1.0)	ND(1.0)	1.5	376	2.7 J	NS	NS
04/10/2014	0.47 J	ND(1.0)	ND(0.5)	ND(1.0)	0.47 J	98.3	ND(25)	NS	NS
MW-16D									
05/07/2009	ND(0.2105)	1.42	ND(0.1959)	ND(0.6946)	1.42	431.6	255	128	ND(25)
09/23/2009	1.4 I	ND(1.24)	ND(0.98)	1.9	3.3	393	139	74.0 I	ND(36)

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MW-16D									
12/07/2009	ND(0.526)	ND(0.618)	ND(0.49)	ND(1.739)	ND(3.373)	267	49.1 I	87.0 I	413 I
03/11/2010	ND(0.526)	ND(0.618)	ND(0.49)	ND(1.739)	ND(3.373)	472	42.2	234	36.0
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	369	119	229	ND(36)
09/27/2010	78.9	ND(0.201)	ND(0.21)	12.0	90.9	3060	2320	2610	60.0 I
12/03/2010	ND(1.25)	ND(1.01)	ND(1.05)	ND(3.39)	ND(6.7)	465	111 I	366	ND(40)
02/18/2011	2.1	ND(1.0)	ND(1.0)	ND(1.0)	2.1	182	26.1	ND(200)	ND(100)
05/17/2011	2.3	ND(1.0)	ND(1.0)	0.40 J	2.7	431	127	500	ND(100)
08/11/2011	0.70 J	ND(1.0)	ND(1.0)	0.24 J	0.94 J	503	121	305	ND(100)
11/01/2011	2.5	ND(1.0)	ND(1.0)	0.43 J	2.93	471	158	614	ND(100)
05/01/2012	1.2	ND(1.0)	ND(1.0)	0.24 J	1.44	529	130	660	ND(100)
11/15/2012	0.29 J	ND(1.0)	ND(1.0)	ND(1.0)	0.29 J	494	161	NS	NS
04/03/2013	0.71 J	ND(1.0)	ND(1.0)	ND(1.0)	0.71 J	384	128	NS	NS
10/24/2013	0.54 J	ND(1.0)	ND(1.0)	ND(1.0)	0.54 J	474	140	NS	NS
04/10/2014	ND(1.0)	ND(2.0)	ND(1.0)	ND(2.0)	ND(6.0)	281	86.6	NS	NS
MW-16S									
05/07/2009	87.87	1.57	ND(0.1959)	29.23	118.67	1269	892	683	100
09/23/2009	133	0.46 I	ND(0.196)	39.8	173.26	3390	1630	1290	279 I
12/07/2009	81.0	ND(12.4)	ND(9.8)	19.5	100.5	2190	ND(750)	1430	146 I
03/11/2010	35.2	ND(4.94)	ND(3.92)	8.2	43.4	3110	587	1810	126
05/17/2010	38.3	ND(0.247)	ND(0.196)	9.94	48.24	1720	652	1510	77.0 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	507	365	359	60.0 I
12/03/2010	71.8	ND(5.03)	ND(5.25)	16.8	88.6	3240	837	2900	211 I
02/18/2011	48.8	ND(5.0)	ND(5.0)	9.1	57.9	2750	563	2800	157
05/17/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(4.0)	597	50.0	633	ND(100)
08/11/2011	28.8	ND(5.0)	ND(5.0)	8.3	37.1	4410	773	2200	149
11/01/2011	19.8	ND(5.0)	ND(5.0)	1.6 J	21.4	3130	811	3360	ND(110)
05/01/2012	22.5	ND(5.0)	ND(5.0)	2.4 J	24.9	4030	1120	4440	ND(100)
11/15/2012	8.8	ND(5.0)	ND(5.0)	ND(5.0)	8.8	1820	941	NS	NS
04/03/2013	0.80 J	ND(1.0)	ND(1.0)	ND(1.0)	0.80 J	145	91.0	NS	NS
10/24/2013	10.7	ND(5.0)	ND(5.0)	ND(5.0)	10.7	2450	1500	NS	NS
04/10/2014	2.2	ND(1.0)	ND(0.5)	0.28 J	2.48	527	286	NS	NS
MW-17D									
05/07/2009	0.52 I	1.91	ND(0.1959)	ND(0.6946)	2.43	103.4	57.1	ND(25)	26.0
09/23/2009	0.84 I	ND(0.247)	ND(0.196)	ND(0.696)	0.84	50.9	17.4 I	15.0 I	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	48.5	ND(15)	30.0 I	82.0 I

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MW-17D									
03/11/2010	0.89	ND(0.247)	ND(0.196)	ND(0.696)	0.89	141	28.4	64.0	65.0
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	196	54.6	110	85.0 I
09/27/2010	12.6	ND(0.201)	ND(0.21)	0.631	13.231	540	433	451	60.0 I
12/03/2010	8.09	ND(1.01)	ND(1.05)	ND(3.39)	8.09	390	86.2 I	313	ND(40)
02/17/2011	12.5	ND(1.0)	ND(1.0)	0.79 J	13.29	290	60.4	380	ND(110)
06/03/2011	17.0	ND(1.0)	ND(1.0)	0.31 J	17.31	519	96.6	574	ND(100)
08/12/2011	0.64 J	ND(1.0)	ND(1.0)	ND(1.0)	0.64 J	161	28.3	216	ND(100)
11/02/2011	8.3	ND(1.0)	ND(1.0)	0.31 J	8.61	250	61.3	217	ND(100)
05/01/2012	5.1	ND(1.0)	ND(1.0)	ND(1.0)	5.1	252	59.2	355	ND(110)
11/15/2012	2.8	ND(1.0)	ND(1.0)	ND(1.0)	2.8	184	59.1	NS	NS
04/02/2013	3.4	ND(1.0)	ND(1.0)	ND(1.0)	3.4	211	51.6	NS	NS
10/22/2013	1.9	ND(1.0)	ND(1.0)	ND(1.0)	1.9	206	50.1	NS	NS
04/10/2014	4.3	ND(1.0)	ND(0.5)	ND(1.0)	4.3	248	84.5	NS	NS
MW-17S									
05/07/2009	24.95	0.83 I	ND(0.1959)	6.2	31.98	971.3	667	380	ND(25)
09/23/2009	40.3	ND(2.47)	ND(1.96)	6.9	47.2	967	317	397	37.0 I
12/07/2009	38.1	ND(2.47)	ND(1.96)	6.9	44.0	1020	ND(150)	495	100 I
03/11/2010	25.8	ND(1.24)	ND(0.99)	3.3	29.1	742	109	463	44.0
05/17/2010	7.27	ND(0.247)	ND(0.196)	0.84	8.11	341	89.6	244	ND(36)
09/27/2010	49.2	ND(0.201)	ND(0.21)	0.829	50.029	971	748	881	60.0 I
12/03/2010	54.3	ND(2.01)	ND(2.1)	4.42	58.72	1290	177 I	1190	67.0 I
02/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	35.6	ND(25)	ND(200)	ND(100)
06/03/2011	21.5	ND(1.0)	ND(1.0)	0.79 J	22.29	798	105	810	ND(100)
08/11/2011	32.6	ND(2.0)	ND(2.0)	3.2	35.8	1110	171	736	ND(100)
11/02/2011	20.0	ND(2.5)	ND(2.5)	1.1 J	21.1	827	155	444	ND(100)
05/01/2012	12.4	ND(1.0)	ND(1.0)	ND(1.0)	12.4	832	187	1060	ND(100)
11/15/2012	8.6	ND(1.0)	ND(1.0)	ND(1.0)	8.6	740	215	NS	NS
04/02/2013	6.8	ND(1.0)	ND(1.0)	ND(1.0)	6.8	461	165	NS	NS
10/22/2013	6.9	ND(1.0)	ND(1.0)	ND(1.0)	6.9	643	233	NS	NS
04/10/2014	1.1 J	ND(2.5)	ND(1.3)	ND(2.5)	1.1 J	252	70.7	NS	NS
MW-17W									
05/07/2009	1.06	2.38	ND(0.1959)	0.77	4.21	67.23	38.4	ND(25)	ND(25)
09/23/2009	0.55 I	0.63 I	ND(0.196)	ND(0.696)	1.18	46.8	17.4 I	23.0 I	74.0 I
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	41.9	ND(15)	27.0 I	128 I
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	30.3	ND(15)	34.0	42.0

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<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
MW-17W									
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.05	ND(15)	ND(25)	ND(36)
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	50.6	32.2	72.0 I	ND(36)
12/03/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	92.1	ND(6.14)	75.0 I	46.0 I
02/17/2011	59.8	ND(1.0)	ND(1.0)	7.8	67.6	1080	168	1230	ND(100)
06/03/2011	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	49.4	ND(25)	ND(200)	ND(100)
08/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	61.2	ND(25)	ND(200)	ND(100)
11/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	49.6	ND(25)	ND(200)	199
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	48.8	ND(25)	ND(200)	ND(100)
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.2	ND(25)	NS	NS
04/02/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	17.5	16.4 J	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	23.6	ND(25)	NS	NS
04/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	9.5	ND(25)	NS	NS
MW-18									
05/07/2009	ND(0.2105)	1.73	ND(0.1959)	0.95	2.68	800.8	502	219	110
08/24/2009	0.47 I	ND(0.247)	ND(0.196)	2.88	3.35	1070	587	NS	NS
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	783	394	164	ND(36)
12/07/2009	ND(2.11)	2.97 I	ND(1.96)	ND(6.96)	2.97	836	ND(150)	485	ND(36)
03/11/2010	ND(1.05)	ND(1.24)	ND(0.99)	ND(3.48)	ND(6.75)	769	ND(75)	429	45.0
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	0.67	1.57	1020	325	748	ND(36)
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	94.4	99.8	112	ND(36)
12/06/2010	2.02 I	ND(1.01)	ND(1.05)	ND(3.39)	2.02	282	34.9 I	231	ND(40)
02/16/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	762	30.7	828	ND(110)
05/19/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	711	89.4	769	ND(100)
08/12/2011	ND(2.0)	ND(2.0)	ND(2.0)	ND(2.0)	ND(8.0)	1500	59.1	1590	ND(100)
11/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	1.8	1.8	2080	343	2280	ND(100)
05/02/2012	ND(2.5)	ND(2.5)	ND(2.5)	2.0 J	2.0 J	2330	374	3000	ND(100)
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	685	60.0	NS	NS
04/02/2013	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	2220	412	NS	NS
10/23/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	2450	569	NS	NS
04/08/2014	ND(2.5)	ND(5.0)	ND(2.5)	ND(5.0)	ND(15)	1860	248	NS	NS
MW-24D									
12/06/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	36.9	43.7	55.0 I	56.0 I
02/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	13.8	ND(25)	ND(200)	ND(100)
05/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	178
06/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	10.3	ND(25)	ND(200)	NS

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MW-24D									
08/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	13.8	ND(25)	ND(200)	ND(100)
11/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	12.7	ND(25)	ND(200)	ND(100)
02/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	10.5	ND(25)	NS	NS
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.8	ND(25)	ND(200)	ND(100)
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.4	ND(25)	NS	NS
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.4	ND(25)	NS	NS
01/16/2013	ND(1.0)	0.48 J	ND(1.0)	0.62 J	1.1 J	5.6	ND(25)	NS	NS
04/02/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.1	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.7	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.5	ND(25)	NS	NS
01/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.3	ND(25)	NS	NS
04/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	2.7	ND(25)	NS	NS
MW-24S									
12/06/2010	1.83 I	ND(1.01)	ND(1.05)	ND(3.39)	1.83	261	266	278	ND(36)
02/18/2011	3.8	ND(1.0)	ND(1.0)	0.55 J	4.35	266	75.5	340	ND(100)
05/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	179
06/03/2011	3.8	ND(1.0)	ND(1.0)	1.1	4.9	326	101	351	NS
08/11/2011	5.5	ND(1.0)	ND(1.0)	0.60 J	6.1	352	120	252	ND(110)
11/02/2011	4.5	ND(1.0)	ND(1.0)	0.18 J	4.69	240	112	ND(200)	ND(100)
02/02/2012	3.3	ND(1.0)	ND(1.0)	ND(1.0)	3.3	275	ND(25)	NS	NS
05/02/2012	3.8	ND(1.0)	ND(1.0)	ND(1.0)	3.8	185	74.9	287	ND(100)
08/07/2012	2.9	ND(1.0)	ND(1.0)	ND(1.0)	2.9	145	73.1	NS	NS
11/15/2012	2.1	ND(1.0)	ND(1.0)	ND(1.0)	2.1	154	65.3	NS	NS
01/16/2013	1.3	ND(1.0)	ND(1.0)	ND(1.0)	1.3	83.0	33.7	NS	NS
04/02/2013	0.58 J	ND(1.0)	ND(1.0)	ND(1.0)	0.58 J	68.0	23.6 J	NS	NS
07/10/2013	0.45 J	ND(1.0)	ND(1.0)	ND(1.0)	0.45 J	63.2	19.4 J	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	69.7	ND(25)	NS	NS
01/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	28.9	5.2 J	NS	NS
04/10/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	26.0	ND(25)	NS	NS
MW-25D									
12/06/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	102	104	120	404 I
02/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	119	14.8 J	ND(200)	ND(110)
05/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	140
06/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	117	9.3 J	ND(200)	NS
08/12/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	81.1	ND(25)	ND(200)	ND(100)

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MW-25D									
11/02/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	92.4	ND(25)	ND(200)	ND(100)
02/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	86.3	ND(25)	NS	NS
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	80.2	7.4 J	ND(200)	ND(100)
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	59.4	ND(25)	NS	NS
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	62.8	ND(25)	NS	NS
01/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	45.2	ND(25)	NS	NS
04/02/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	39.7	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	49.7	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	31.5	ND(25)	NS	NS
01/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	17.5	ND(25)	NS	NS
04/11/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	30.3	ND(25)	NS	NS
MW-25S									
12/06/2010	4.0 I	ND(1.01)	ND(1.05)	ND(3.39)	4.0	291	283	285	ND(36)
02/17/2011	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	170	11.6 J	221	ND(100)
05/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	ND(100)
06/03/2011	0.86 J	ND(1.0)	ND(1.0)	ND(1.0)	0.86 J	98.1	ND(25)	ND(200)	NS
08/11/2011	0.89 J	ND(1.0)	ND(1.0)	ND(1.0)	0.89 J	86.1	ND(25)	ND(200)	ND(100)
11/02/2011	0.42 J	ND(1.0)	ND(1.0)	ND(1.0)	0.42 J	36.1	ND(25)	ND(200)	ND(100)
02/02/2012	0.48 J	ND(1.0)	ND(1.0)	ND(1.0)	0.48 J	28.1	ND(25)	NS	NS
05/02/2012	0.23 J	ND(1.0)	ND(1.0)	ND(1.0)	0.23 J	18.9	ND(25)	ND(200)	ND(100)
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	12.5	ND(25)	NS	NS
11/15/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	10.3	ND(25)	NS	NS
01/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	7.9	ND(25)	NS	NS
04/02/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	6.7	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	7.0	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.1	ND(25)	NS	NS
01/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.5	ND(25)	NS	NS
04/11/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	3.8	ND(25)	NS	NS
MW-26D									
12/06/2010	ND(2.49)	ND(2.01)	ND(2.1)	ND(6.76)	ND(13.36)	1260	1240	2090	45.0 I
01/11/2011	NS	NS	NS	NS	NS	1490	NS	NS	NS
02/17/2011	2.3	ND(1.0)	ND(1.0)	0.81 J	3.11	1630	83.8	1770	ND(100)
03/07/2011	NS	NS	NS	NS	NS	1560	NS	NS	NS
04/18/2011	NS	NS	NS	NS	NS	1940	NS	NS	NS
05/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	ND(110)

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MW-26D									
06/03/2011	2.8	ND(2.0)	ND(2.0)	0.70 J	3.5	1860	102	1250	NS
07/20/2011	NS	NS	NS	NS	NS	1800	NS	NS	NS
08/11/2011	1.8 J	ND(5.0)	ND(5.0)	ND(5.0)	1.8 J	1890	61.7 J	1020	ND(100)
11/01/2011	3.0	ND(1.0)	ND(1.0)	0.47 J	3.47	1630	127	1690	ND(100)
02/02/2012	2.3 J	ND(10)	ND(10)	ND(10)	2.3 J	1450	ND(250)	NS	NS
05/02/2012	2.5	ND(1.0)	ND(1.0)	ND(1.0)	2.5	1430	87.2	1630	ND(110)
08/07/2012	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	1070	40.0	NS	NS
11/14/2012	0.48 J	ND(1.0)	ND(1.0)	ND(1.0)	0.48 J	485	ND(25)	NS	NS
01/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	273	ND(25)	NS	NS
04/02/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	229	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	269	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	18.2	ND(25)	NS	NS
01/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	5.4	ND(25)	NS	NS
04/11/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	57.8	ND(25)	NS	NS
MW-26S									
12/06/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.355)	96.7	90.5	96.0 I	39.0 I
01/11/2011	NS	NS	NS	NS	NS	31.4	NS	NS	NS
02/17/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	267	ND(25)	322	ND(100)
03/07/2011	NS	NS	NS	NS	NS	210	NS	NS	NS
04/18/2011	NS	NS	NS	NS	NS	22.3	NS	NS	NS
05/17/2011	NS	NS	NS	NS	NS	NS	NS	NS	180
06/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	40.1	ND(25)	ND(200)	NS
07/20/2011	NS	NS	NS	NS	NS	183	NS	NS	NS
08/11/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	104	ND(25)	ND(200)	ND(110)
11/01/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	119	ND(25)	221	ND(100)
02/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	51.2	ND(25)	NS	NS
05/02/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	9.0	ND(25)	ND(200)	ND(100)
08/07/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	11.7	ND(25)	NS	NS
11/14/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	17.2	ND(25)	NS	NS
01/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	16.6	ND(25)	NS	NS
04/02/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	8.4	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	9.3	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	95.0	ND(25)	NS	NS
01/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	88.8	ND(25)	NS	NS
04/11/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	13.2	ND(25)	NS	NS

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RW-01									
01/06/2004	17.4	2.6	3.3	38.9	62.2	156	ND(5.0)	1000	469
04/05/2004	65.1	1.5	5.1	13.0	84.7	116	ND(5.0)	1370	275
07/01/2004	102	1.8	6.5	12.3	122.6	69.3	ND(10)	8450	417
10/05/2004	24.2	25.1	8.6	112	169.9	1990	1360	845	ND
01/03/2005	2.4	8.4	4.7	65.7	81.2	9.2	ND(25)	498	170
04/13/2005	6.5	20.6	23.4	127	177.5	10.1	ND(25)	2030	339
08/17/2005	1.2	2.3	2.0	43.8	49.3	8.7	ND	335	189
11/17/2005	ND	0.59	ND	5.0	5.59	5.4	ND	ND	ND
03/30/2006	1.7	5.5	4.02	48.0	59.22	8.43	ND	205	191
06/29/2006	4.8	3.8	7.74	44.4	60.74	101	152	247	106
09/28/2006	5.27	5.18	5.68	49.4	65.53	6.44	ND(10)	299	227
12/19/2006	1.22	2.13	2.26	13.0	18.61	7.62	ND(20)	197	ND(101)
03/06/2007	1.7	4.6	6.9	39.0	52.2	10.4	ND(20)	193	700
06/22/2007	3.48	ND(1.0)	ND(1.0)	8.49	11.97	76.1	101	ND(100)	ND(111)
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.93	ND(20)	ND(100)	ND(100)
12/05/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	6.64	ND(20)	124	ND(105)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	6.4	6.4	6.8	ND(100)	ND(100)	ND(50)
06/24/2008	2.0	ND(1.0)	ND(1.0)	16.8	18.8	8.6	7.4	170	ND(50)
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	ND(0.48)	ND(1.0)	ND(20)	140 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	8.83	ND(2.0)	36.0 I	ND(13)
02/20/2009	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	8.73	ND(2.0)	ND(25)	31.0 I
05/07/2009	3.36	4.04	3.73	37.66	48.79	ND(0.2562)	ND(2.0)	226	120
09/23/2009	0.23 I	ND(0.247)	0.36 I	1.1	1.69	5.56	ND(15)	56.0 I	ND(36)
12/07/2009	3.0	2.89	9.13	65.0	80.02	5.85	ND(15)	332	58.0 I
03/11/2010	6.22	5.37	13.2	140.3	165.09	7.13	ND(15)	607	230
05/17/2010	8.92	2.77	9.24	88.9	109.83	6.51	ND(15)	540	153 I
09/27/2010	1.64	2.07	2.28	16.72	22.71	5.22	ND(6.14)	93.0 I	90.0 I
12/02/2010	2.45	3.13	14.9	61.5	81.98	5.2	11.1 I	328	192 I
02/18/2011	0.74 J	0.54 J	1.8	9.3	12.38	3.1	ND(25)	ND(200)	ND(110)
05/20/2011	2.4	1.5	3.9	46.9	54.7	3.5	ND(25)	235	ND(100)
08/10/2011	0.84 J	0.28 J	1.2	3.5	5.82	3.1	ND(25)	ND(200)	ND(100)
11/03/2011	0.99 J	0.60 J	3.5	13.0	18.09	2.7	ND(25)	ND(200)	ND(100)
02/01/2012	1.1	0.80 J	3.8	18.7	24.4	2.9	ND(25)	NS	NS
05/04/2012	0.27 J	ND(1.0)	0.35 J	7.8	8.42	ND(1.0)	ND(25)	ND(200)	150
08/08/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS

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RW-01									
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
01/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/03/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	0.19 J	ND(25)	NS	NS
07/22/2013	0.40 J	ND(1.0)	0.42 J	0.45 J	1.27 J	ND(1.0)	ND(25)	NS	NS
10/22/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
01/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/08/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	ND(1.0)	ND(25)	NS	NS
RW-03									
01/06/2004	ND(22)	191	ND(13)	ND(18)	191	67600	ND(740)	81200	312
04/05/2004	ND	ND	ND	ND	ND	125000	ND	145000	ND
07/08/2004	110	158	ND(200)	ND(200)	268	123000	8530	141000	895
10/05/2004	39.7	10.4	ND	41.4	91.5	18100	12300	15200	ND
01/03/2005	40.1	4.7	ND	6.7	51.5	21800	16600	18800	159
04/13/2005	83.8	152	6.0	53.6	295.4	11200	18800	20500	1280
08/17/2005	40.1	ND	ND	10.2	50.3	17500	14000	18800	190
11/17/2005	10.3	ND	ND	ND	10.3	14000	15400	9090	ND
03/30/2006	12.2	7.75	9.64	68.4	97.99	90.2	252	237	204
06/29/2006	1.9	ND	ND	ND	1.9	420	711	495	109
09/29/2006	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	27.5	53.3	ND(100)	611
12/19/2006	1.99	ND(1.0)	ND(1.0)	ND(3.0)	1.99	122	252	180	189
03/06/2007	4.4	ND(2.0)	ND(2.0)	ND(6.0)	4.4	156	369	154	230
06/22/2007	4.56	ND(1.0)	ND(1.0)	4.92	9.48	105	133	ND(100)	179
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.96	ND(20)	ND(100)	ND(105)
12/05/2007	5.22	ND(1.0)	ND(1.0)	ND(3.0)	5.22	62.4	175	154	ND(105)
03/25/2008	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	72.0	120	140	ND(50)
06/24/2008	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	71.0	90.0	150	140
09/15/2008	ND(0.16)	ND(0.14)	ND(0.19)	ND(0.71)	ND(1.2)	54.0	ND(1.0)	110	190 I
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	75.42	117	187	86.0
02/20/2009	0.7867 I	0.5624 I	ND(0.1959)	0.5052	1.8543	51.54	42.0	85.0	97.0 I
05/07/2009	ND(0.2105)	0.95 I	ND(0.1959)	ND(0.6946)	0.95	34.43	45.5	50.0	100
09/23/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	14.4	ND(15)	100	ND(36)
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	17.7	19.5 I	49.0 I	ND(36)
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	3.05	ND(15)	30.0	ND(36)
05/17/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	2.08	ND(15)	27.0 I	45.0 I
09/27/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	8.66	10.0 I	ND(25)	ND(36)

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<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
RW-03									
12/02/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	6.91	ND(6.14)	29.0 I	ND(36)
02/18/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	7.0	ND(25)	ND(200)	ND(110)
05/20/2011	1.1	0.71 J	1.6	20.7	24.11	3.5	ND(25)	ND(200)	ND(100)
08/10/2011	0.62 J	0.18 J	0.96 J	2.7	4.46	2.8	ND(25)	ND(200)	ND(100)
11/03/2011	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.1	ND(25)	ND(200)	ND(100)
02/01/2012	1.1	0.72 J	2.9	14.2	18.92	3.0	ND(25)	NS	NS
05/04/2012	2.0	ND(1.0)	ND(1.0)	ND(1.0)	2.0	1.1	ND(25)	ND(200)	ND(110)
08/08/2012	3.5	ND(1.0)	ND(1.0)	ND(1.0)	3.5	3.7	ND(25)	NS	NS
11/13/2012	ND(1.0)	0.30 J	ND(1.0)	ND(1.0)	0.30 J	ND(1.0)	ND(25)	NS	NS
01/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/04/2013	0.48 J	ND(1.0)	ND(1.0)	ND(1.0)	0.48 J	0.36 J	ND(25)	NS	NS
07/22/2013	24.1	3.2	0.44 J	9.6	37.34	10.6	20.4 J	NS	NS
10/22/2013	1.5	ND(1.0)	ND(1.0)	ND(1.0)	1.5	5.2	ND(25)	NS	NS
RW-10									
04/05/2004	354	153	208	183	898	43500	23200	64100	ND
07/01/2004	784	86.9	858	363	2091.9	34200	28600	85500	2280
10/05/2004	675	74.5	45.6	301	1096.1	34600	18700	6990	605
01/03/2005	139	20.6	16.9	155	331.5	8850	2670	9450	826
04/13/2005	490	295	73.6	597	1385.6	45800	9630	40100	462
08/17/2005	442	58.4	ND	415	915.4	36800	8460	70800	589
11/17/2005	114	ND	17.2	147	278.2	20700	10400	39500	631
03/30/2006	64.8	18.6	40.4	129	252.8	1110	942	2150	707
06/29/2006	139	8.8	101	207	455.8	152	304	2390	896
09/29/2006	175	4.74	126	153	458.74	35.8	203	812	927
03/06/2007	36.0	6.4	15.0	56.0	113.4	190	241	557	1200
06/22/2007	3.67	1.41	1.46	13.2	19.74	59.7	75.4	ND(100)	183
09/25/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	7.81	ND(20)	ND(100)	ND(100)
12/05/2007	1.79	ND(1.0)	ND(1.0)	ND(3.0)	1.79	23.9	56.8	126	ND(105)
03/25/2008	46.0	ND(5.0)	ND(5.0)	ND(5.0)	46.0	100	240	380	380
06/24/2008	110	3.8	20.0	70.0	203.8	160	380	1100	1600
09/15/2008	4.3	ND(0.14)	ND(0.19)	ND(0.71)	4.3	90.0	ND(1.0)	170	440
12/12/2008	ND(0.2105)	ND(0.1601)	ND(0.1959)	ND(0.6946)	ND(1.2611)	ND(0.2562)	ND(2.0)	ND(25)	20.0 I
02/20/2009	4.454	0.5923 I	ND(0.1959)	1.61	6.6563	74.32	127	150	980
05/07/2009	13.93	0.94 I	2.71	6.38	23.96	82.5	245	185	150
09/23/2009	33.0	1.62	8.57	50.4	93.59	66.6	262	332	230 I

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RW-10									
12/07/2009	35.7	1.77	21.7	98.6	157.77	46.7	341	633	502 I
03/11/2010	39.9	0.93	2.12	24.5	67.45	33.6	112	294	292
05/17/2010	30.5	0.51 I	1.19	6.85	39.05	41.1	138	192	156 I
09/27/2010	7.81	0.236 I	4.07	11.17	23.286	16.9	138	109	253 I
12/02/2010	29.9	0.91 I	6.58	46.1	83.49	27.7	218	339	443 I
02/18/2011	5.7	0.31 J	4.3	11.3	21.61	17.4	221	ND(200)	338
05/20/2011	36.7	1.1	9.9	32.0	79.7	25.9	105	210	332
08/10/2011	0.56 J	ND(1.0)	0.65 J	2.3	3.51	2.9	ND(25)	ND(200)	ND(100)
11/03/2011	9.1	0.52 J	4.7	19.7	34.02	10.4	189	232	258
02/01/2012	14.3	0.52 J	1.7	9.9	26.42	16.1	82.0	NS	NS
08/08/2012	68.4	0.81 J	18.9	3.5	91.61	27.8	734	NS	NS
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
01/16/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS
04/03/2013	16.3	0.36 J	3.3	0.72 J	20.68	8.8	674	NS	NS
07/22/2013	14.7	ND(1.0)	ND(1.0)	ND(1.0)	14.7	29.7	532	NS	NS
10/22/2013	66.4	1.5	1.2	2.4	77.5	28.1	899	NS	NS
01/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	3.1	63.8	NS	NS
RW-19									
09/27/2010	2.82	ND(0.201)	ND(0.21)	1.4	4.22	29.4	198	228	ND(36)
12/06/2010	ND(0.249)	ND(0.201)	ND(0.21)	ND(0.676)	ND(1.336)	66.7	ND(6.14)	59.0 I	111 I
02/17/2011	0.61 J	ND(1.0)	ND(1.0)	0.50 J	1.11	538	31.4	690	ND(120)
05/20/2011	3.0	ND(1.0)	ND(1.0)	1.1	4.1	620	83.9	426	ND(100)
08/09/2011	3.0	ND(1.0)	ND(1.0)	0.67 J	3.67	703	85.6	827	ND(100)
10/31/2011	2.4	ND(1.0)	ND(1.0)	0.26 J	2.66	702	90.7	851	ND(100)
02/01/2012	2.6	ND(1.0)	ND(1.0)	0.53 J	3.13	760	86.4	NS	NS
05/03/2012	0.83 J	ND(1.0)	ND(1.0)	ND(1.0)	0.83 J	622	40.6	693	ND(100)
08/07/2012	0.89 J	ND(1.0)	ND(1.0)	ND(1.0)	0.89 J	710	60.5	NS	NS
11/13/2012	0.79 J	ND(1.0)	ND(1.0)	ND(1.0)	0.79 J	871	66.4	NS	NS
RW-19A									
04/01/2013	1.6	ND(1.0)	ND(1.0)	ND(1.0)	1.6	758	131	NS	NS
07/10/2013	0.31 J	ND(1.0)	ND(1.0)	ND(1.0)	0.31 J	469	21.8 J	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	450	ND(25)	NS	NS
01/15/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	188	45.5	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	93.1	ND(25)	NS	NS

DRAFT

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(µg/L) - micrograms per Liter

Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
RW-20									
12/06/2010	ND(12.5)	ND(10.1)	ND(10.5)	ND(33.9)	ND(67)	5430	1740	3400	406 I
02/17/2011	14.3	ND(1.0)	ND(1.0)	1.4	15.7	3210	538	3510	170
05/20/2011	5.5	ND(5.0)	ND(5.0)	ND(5.0)	5.5	1630	187	1100	ND(100)
08/09/2011	5.3	ND(5.0)	ND(5.0)	ND(5.0)	5.3	1840	212	1820	ND(100)
10/31/2011	4.7 J	ND(5.0)	ND(5.0)	ND(5.0)	4.7 J	1660	189	1930	ND(100)
02/01/2012	3.0	ND(2.0)	ND(2.0)	ND(2.0)	3.0	1200	112	NS	NS
05/03/2012	3.8 J	ND(5.0)	ND(5.0)	ND(5.0)	3.8 J	1440	133	1780	ND(100)
08/07/2012	10.5	ND(5.0)	ND(5.0)	ND(5.0)	10.5	1970	332	NS	NS
11/13/2012	1.8	ND(1.0)	ND(1.0)	ND(1.0)	1.8	902	167	NS	NS
01/15/2013	8.3 J	ND(10)	ND(10)	ND(10)	8.3 J	1680	228 J	NS	NS
04/01/2013	6.5	ND(1.0)	ND(1.0)	ND(1.0)	6.5	1660	204	NS	NS
07/10/2013	1.1	ND(1.0)	ND(1.0)	ND(1.0)	1.1	1420	515	NS	NS
10/21/2013	14.3	ND(10)	ND(10)	ND(10)	14.3	2410	371	NS	NS
01/14/2014	2.6 J	ND(5.0)	ND(5.0)	ND(5.0)	2.6 J	989	93.3 J	NS	NS
04/09/2014	ND(5.0)	ND(10)	ND(5.0)	ND(10)	ND(30)	1310	164 J	NS	NS
RW-21									
12/06/2010	ND(4.99)	ND(4.03)	ND(4.2)	ND(13.53)	ND(26.75)	1420	ND(123)	1030	40.0 I
02/17/2011	12.0	ND(1.0)	ND(1.0)	ND(1.0)	12.0	867	109	926	ND(110)
05/20/2011	4.7	ND(1.0)	ND(1.0)	ND(1.0)	4.7	550	69.7	420	ND(100)
08/09/2011	3.9	ND(1.0)	ND(1.0)	ND(1.0)	3.9	674	66.0	840	ND(100)
10/31/2011	2.6	ND(1.0)	ND(1.0)	ND(1.0)	2.6	550	43.6	624	ND(100)
02/01/2012	2.1	ND(1.0)	ND(1.0)	ND(1.0)	2.1	392	ND(25)	NS	NS
05/03/2012	1.6	ND(1.0)	ND(1.0)	ND(1.0)	1.6	386	24.9 J	489	ND(100)
08/07/2012	1.3	ND(1.0)	ND(1.0)	ND(1.0)	1.3	391	32.8	NS	NS
11/13/2012	0.59 J	ND(1.0)	ND(1.0)	ND(1.0)	0.59 J	286	ND(25)	NS	NS
01/15/2013	0.33 J	ND(1.0)	ND(1.0)	ND(1.0)	0.33 J	169	ND(25)	NS	NS
04/01/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	75.3	ND(25)	NS	NS
07/10/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	166	16.1 J	NS	NS
10/21/2013	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.5	ND(25)	NS	NS
01/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	71.5	ND(25)	NS	NS
04/09/2014	0.73	ND(1.0)	ND(0.5)	ND(1.0)	0.73	142	21.6 J	NS	NS
RW-22									
09/27/2010	25.7	ND(0.201)	ND(0.21)	10.5	36.2	12900	10700	9790	140 I
12/06/2010	19.5	ND(0.201)	ND(0.21)	3.2	22.7	9810	3930	9710	136 I
02/17/2011	4.9 J	ND(10)	ND(10)	ND(10)	4.9 J	5630	1630	5890	ND(110)

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
RW-22									
05/20/2011	4.3 J	ND(5.0)	ND(5.0)	1.1 J	5.4	5920	1700	3270	129
08/09/2011	5.3 J	ND(10)	ND(10)	ND(10)	5.3 J	5090	1610	4640	ND(100)
10/31/2011	9.6 J	ND(10)	ND(10)	2.1 J	11.7	2990	1040	2860	ND(100)
02/01/2012	3.9 J	ND(10)	ND(10)	ND(10)	3.9 J	5320	1110	NS	NS
05/03/2012	2.9 J	ND(10)	ND(10)	ND(10)	2.9 J	3620	1240	4730	ND(100)
08/07/2012	2.5 J	ND(10)	ND(10)	ND(10)	2.5 J	3990	1250	NS	NS
11/13/2012	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	3550	1440	NS	NS
01/15/2013	ND(25)	ND(25)	ND(25)	ND(25)	ND(100)	2760	1280	NS	NS
04/01/2013	ND(25)	ND(25)	ND(25)	ND(25)	ND(100)	2670	1220	NS	NS
07/10/2013	1.4	ND(1.0)	ND(1.0)	ND(1.0)	1.4	2620	875	NS	NS
10/21/2013	4.7 J	ND(10)	ND(10)	ND(10)	4.7 J	4570	2050	NS	NS
01/14/2014	2.8 J	ND(5.0)	ND(5.0)	ND(5.0)	2.8 J	2830	1190	NS	NS
04/09/2014	ND(5.0)	ND(10)	ND(5.0)	ND(10)	ND(30)	1240	244 J	NS	NS
RW-23									
12/06/2010	12.7 I	ND(4.03)	ND(4.2)	ND(13.53)	12.7	1520	1710	1540	384 I
02/17/2011	22.9	ND(5.0)	ND(5.0)	5.2	28.1	2010	684	2130	328
05/20/2011	15.2	ND(10)	ND(10)	3.4 J	18.6	2300	676	1760	149
08/09/2011	17.4	ND(5.0)	ND(5.0)	1.0 J	18.4	1460	567	1700	146
10/31/2011	14.7	ND(5.0)	ND(5.0)	4.0 J	18.7	2220	734	2550	ND(100)
02/01/2012	13.7	ND(5.0)	ND(5.0)	3.4 J	17.1	2390	362	NS	NS
05/03/2012	8.4	ND(5.0)	ND(5.0)	2.6 J	11.0	2130	697	2650	ND(100)
08/07/2012	4.3 J	ND(5.0)	ND(5.0)	1.4 J	5.7 J	2510	623	NS	NS
11/13/2012	9.1	ND(5.0)	ND(5.0)	2.5 J	11.6	1900	666	NS	NS
01/15/2013	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	1070	ND(250)	NS	NS
04/01/2013	6.0	ND(1.0)	ND(1.0)	ND(1.0)	6.0	1290	420	NS	NS
07/10/2013	1.1	ND(1.0)	ND(1.0)	0.30 J	1.4	1260	228	NS	NS
10/21/2013	ND(10)	ND(10)	ND(10)	ND(10)	ND(40)	1470	ND(250)	NS	NS
01/14/2014	4.3	ND(2.5)	ND(2.5)	ND(2.5)	4.3	1680	413	NS	NS
04/09/2014	ND(5.0)	ND(10)	ND(5.0)	ND(10)	ND(30)	1530	393	NS	NS
RW-27									
05/02/2012	0.91 J	ND(1.0)	ND(1.0)	ND(1.0)	0.91 J	989	60.0	1210	ND(100)
08/07/2012	3.1 J	ND(5.0)	ND(5.0)	ND(5.0)	3.1 J	957	87.3 J	NS	NS
11/13/2012	1.7 J	ND(2.5)	ND(2.5)	ND(2.5)	1.7 J	692	66.0	NS	NS
01/15/2013	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	514	ND(130)	NS	NS
04/01/2013	0.83 J	ND(1.0)	ND(1.0)	ND(1.0)	0.83 J	462	36.2	NS	NS

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Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
RW-27									
07/10/2013	0.73 J	ND(1.0)	ND(1.0)	ND(1.0)	0.73 J	542	38.1	NS	NS
10/21/2013	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(20)	754	ND(130)	NS	NS
01/14/2014	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	4.9	ND(25)	NS	NS
04/09/2014	ND(0.5)	ND(1.0)	ND(0.5)	ND(1.0)	ND(3.0)	13.1	ND(25)	NS	NS
TF-01									
01/06/2004	30.2	60.3	0.34	27.9	118.74	20800	1710	30500	369
04/05/2004	ND	ND	ND	ND	ND	45200	ND	ND	ND
10/05/2004	ND	ND	ND	ND	ND	54800	14200	67100	ND
01/03/2005	ND	45.1	ND	ND	45.1	54900	17800	43500	319
04/13/2005	265	370	5.7	227	867.7	33600	5670	49000	264
08/17/2005	56.5	24.8	ND	282	363.3	93500	1980	139000	233
11/17/2005	1.1	ND	ND	3.1	4.2	1580	796	2730	577
03/30/2006	ND	ND	ND	ND	ND	287	26.4	229	NS
06/29/2006	ND	ND	ND	ND	ND	ND	ND	ND	295
01/18/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	1.36	ND(20)	ND(100)	292
03/11/2010	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	0.33	ND(15)	115	37.0
05/17/2010	0.46 I	ND(0.247)	ND(0.196)	ND(0.696)	0.46	0.56 I	ND(15)	ND(25)	39.0 I
05/04/2012	81.9	43.1	0.27 J	11.8	137.07	5.5	ND(25)	218	328
04/04/2013	9.7	20.5	0.29 J	19.9	50.89	2.0	54.3	NS	NS
04/08/2014	90.3	88.4	0.55	19.8	199.05	0.94 J	49.2	NS	NS
TF-02									
04/05/2004	ND	ND	ND	ND	ND	62900	ND	ND	ND
10/05/2004	ND	ND	ND	ND	ND	148000	29400	194000	401
01/03/2005	37.8	87.4	ND	40.9	166.1	87800	9460	67600	2010
04/13/2005	481	671	ND	372	1524	85900	4420	144000	536
08/17/2005	127	ND	ND	251	378	129000	3590	226000	296
11/17/2005	ND	ND	ND	ND	ND	5130	5510	5360	1910
03/30/2006	ND	ND	ND	ND	ND	226	114	234	NS
06/29/2006	ND	ND	ND	ND	ND	59.7	107	ND	861
01/18/2007	ND(1.0)	ND(1.0)	ND(1.0)	ND(3.0)	ND(6.0)	49.8	56.6	ND(100)	1310
12/07/2009	ND(0.211)	ND(0.247)	ND(0.196)	ND(0.696)	ND(1.35)	1.76 I	120	42.0 I	1260
03/11/2010	22.1	23.0	2.24	27.4	74.74	6.64	ND(15)	180	76.0
05/17/2010	0.28 I	ND(0.247)	ND(0.196)	0.33	0.61	0.90 I	ND(15)	ND(25)	48.0 I
05/04/2012	4.8	3.3	ND(1.0)	5.5	13.6	9.4	198	ND(200)	499
11/13/2012	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(4.0)	ND(1.0)	ND(25)	NS	NS

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Table B-4
Summary of Groundwater Analytical Results
Former Shell Service Station #137675

<i>Sample Date</i>	<i>Benzene (µg/L)</i>	<i>Toluene (µg/L)</i>	<i>Ethylbenzene (µg/L)</i>	<i>Total Xylenes (µg/L)</i>	<i>Total BTEX (µg/L)</i>	<i>MTBE (µg/L)</i>	<i>TBA (µg/L)</i>	<i>TPH-GRO (µg/L)</i>	<i>TPH-DRO (µg/L)</i>
TF-02									
04/08/2014	142	194	7.4	94.3	437.7	2.0	56.1	NS	NS

DRAFT

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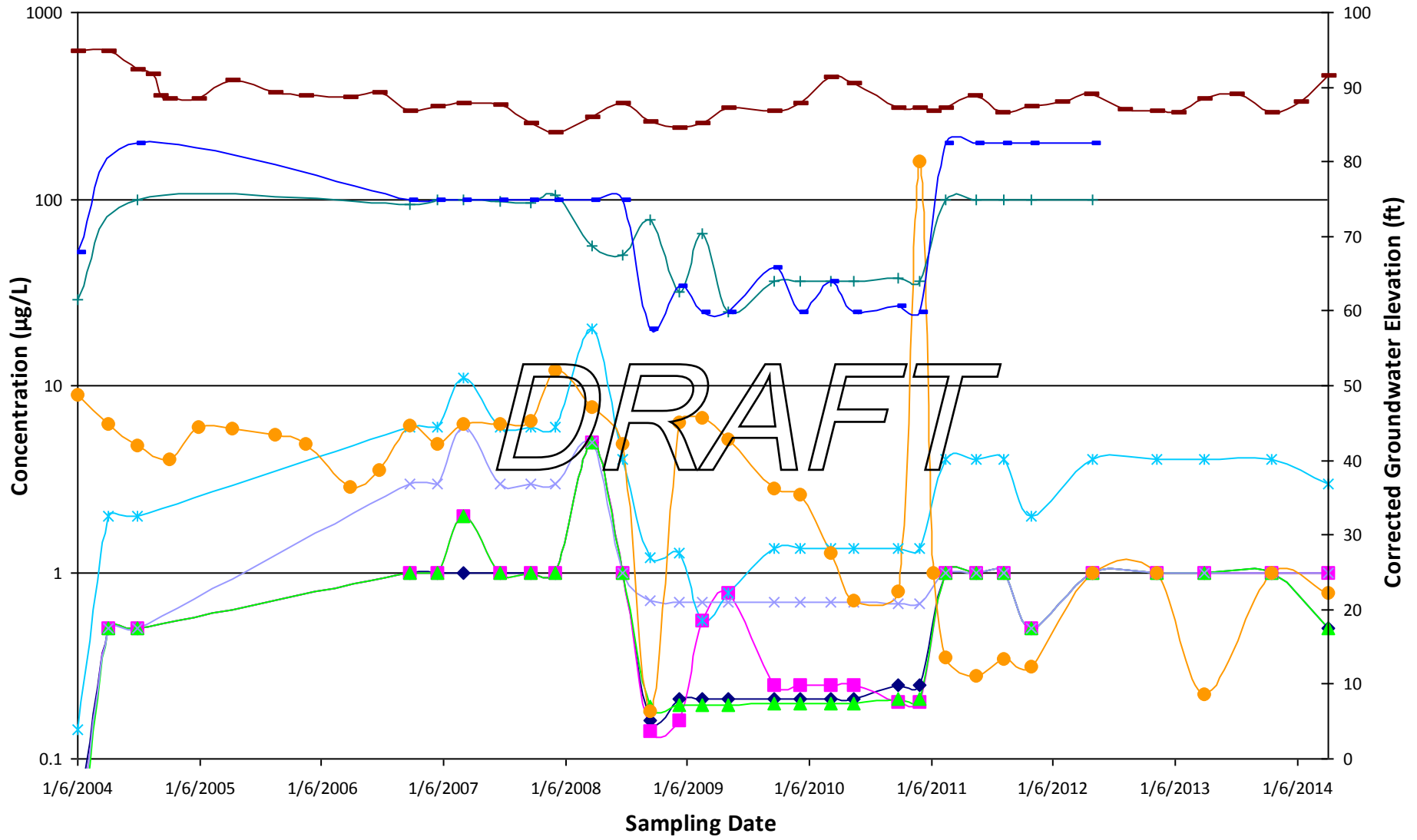
J - Estimated Value

DRAFT
Appendix C
Historical Dissolved-Phase Concentration Graphs (BTEX)

Onsite Groundwater Concentration Trends

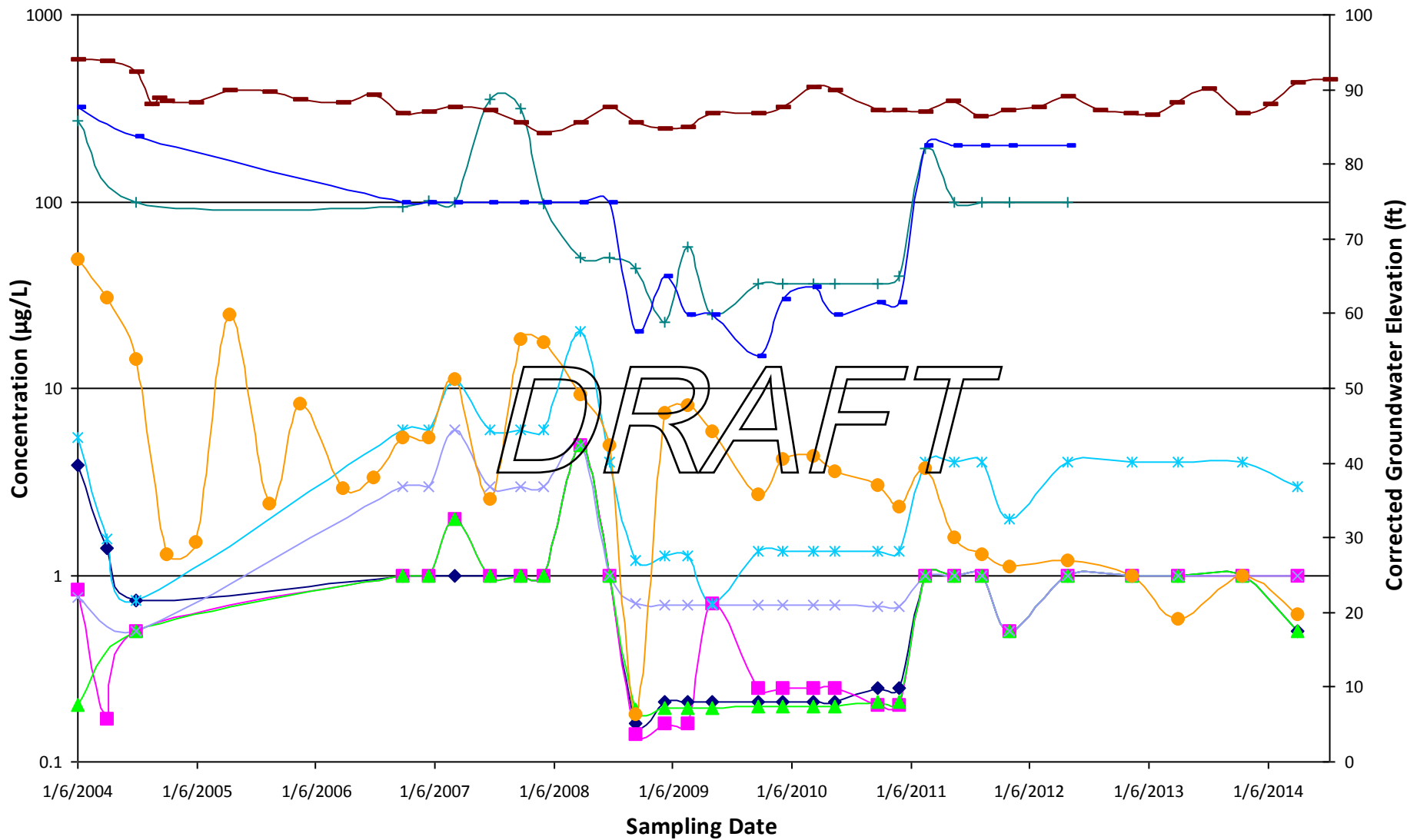
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Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-02



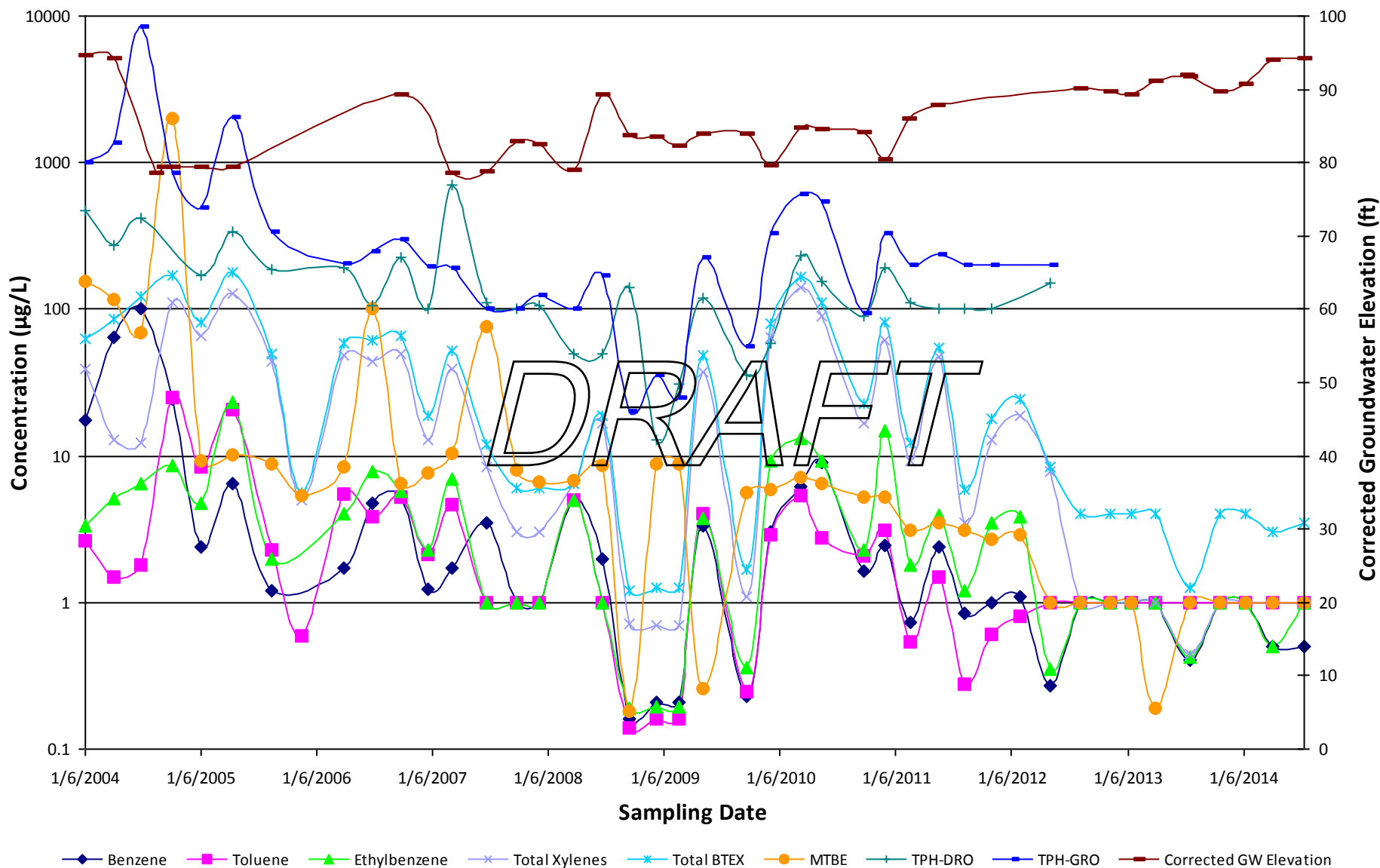
◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO ■ TPH-GRO — Corrected GW Elevation

Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-04

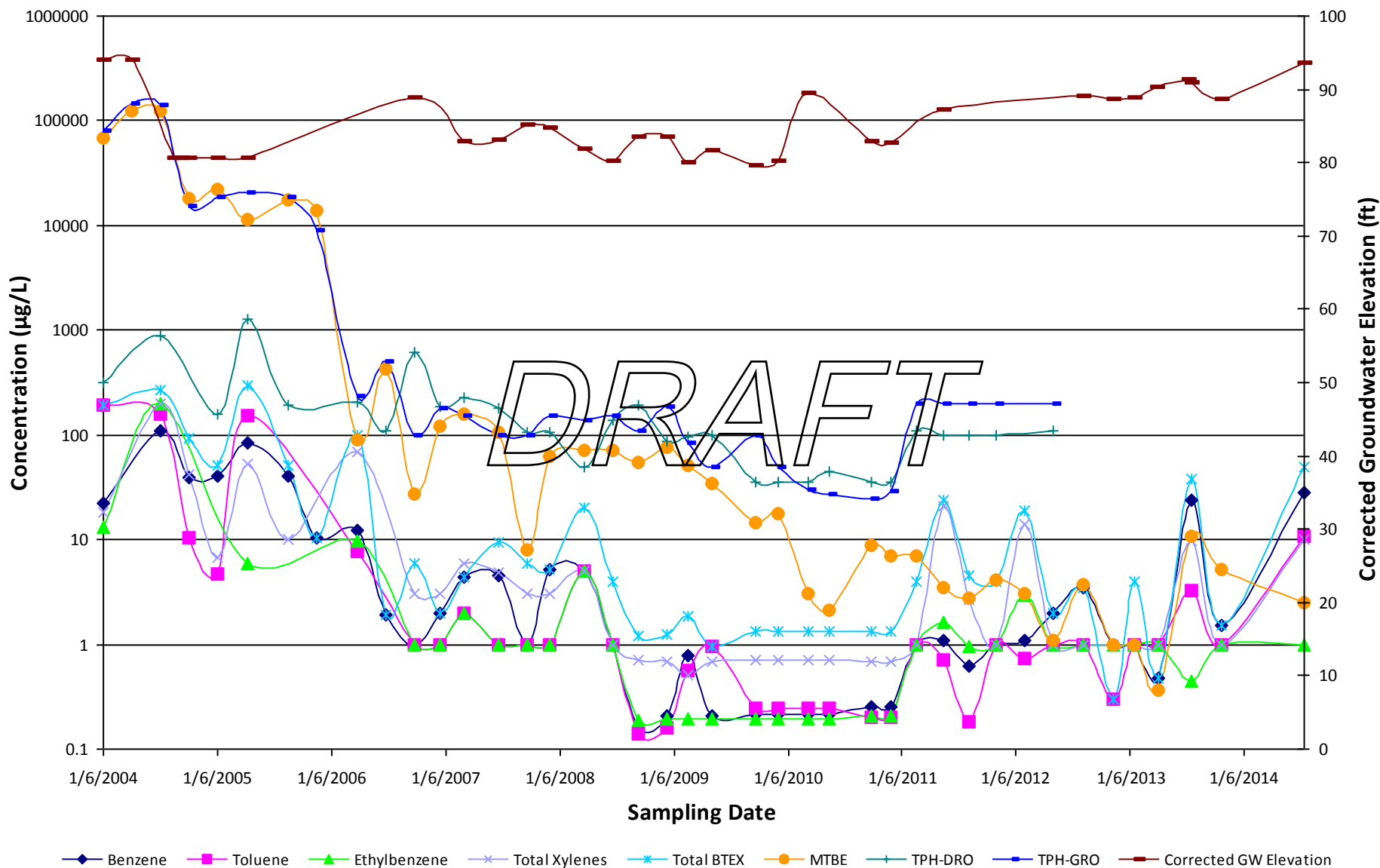


◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO □ TPH-GRO ■ Corrected GW Elevation

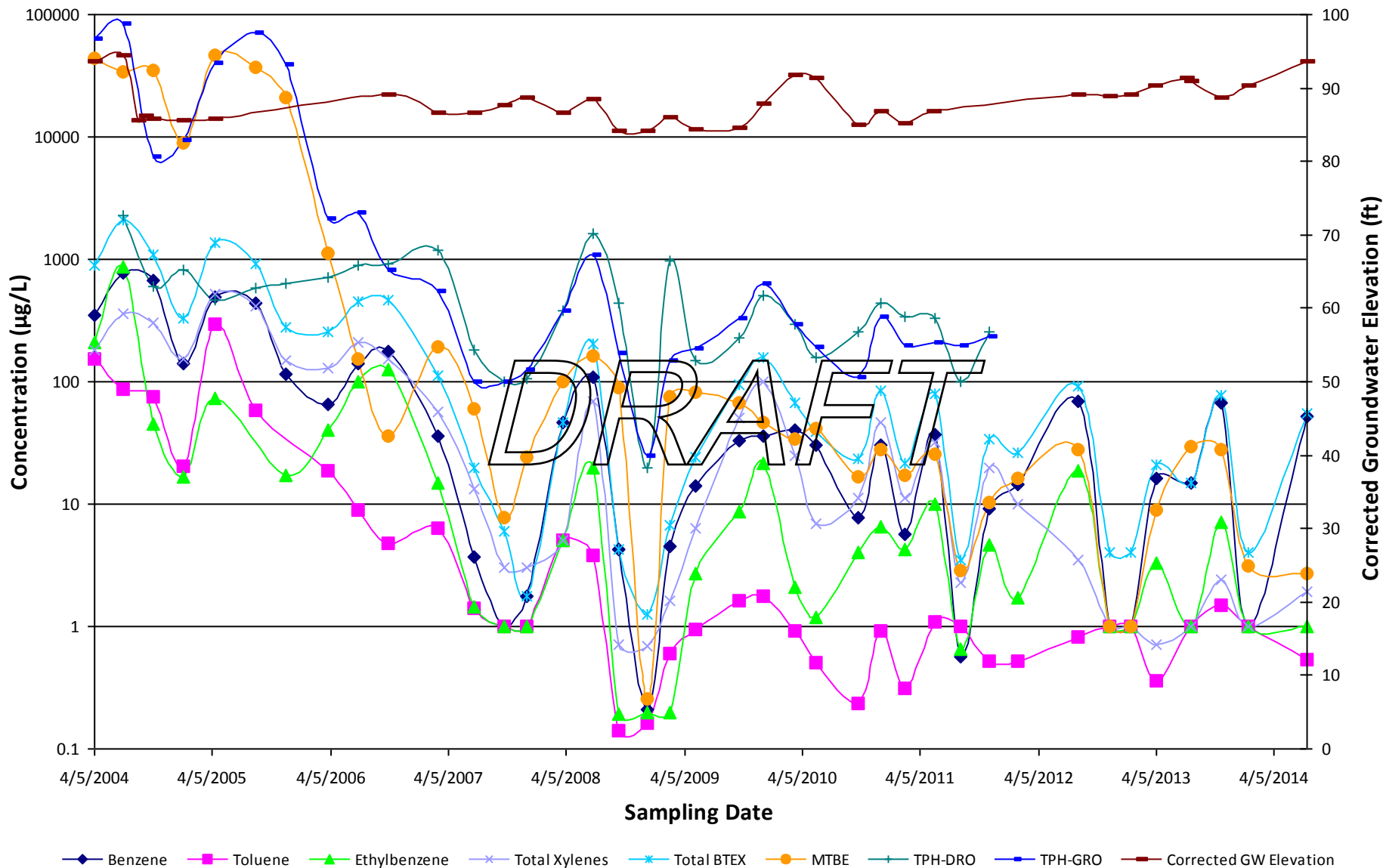
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
RW-01



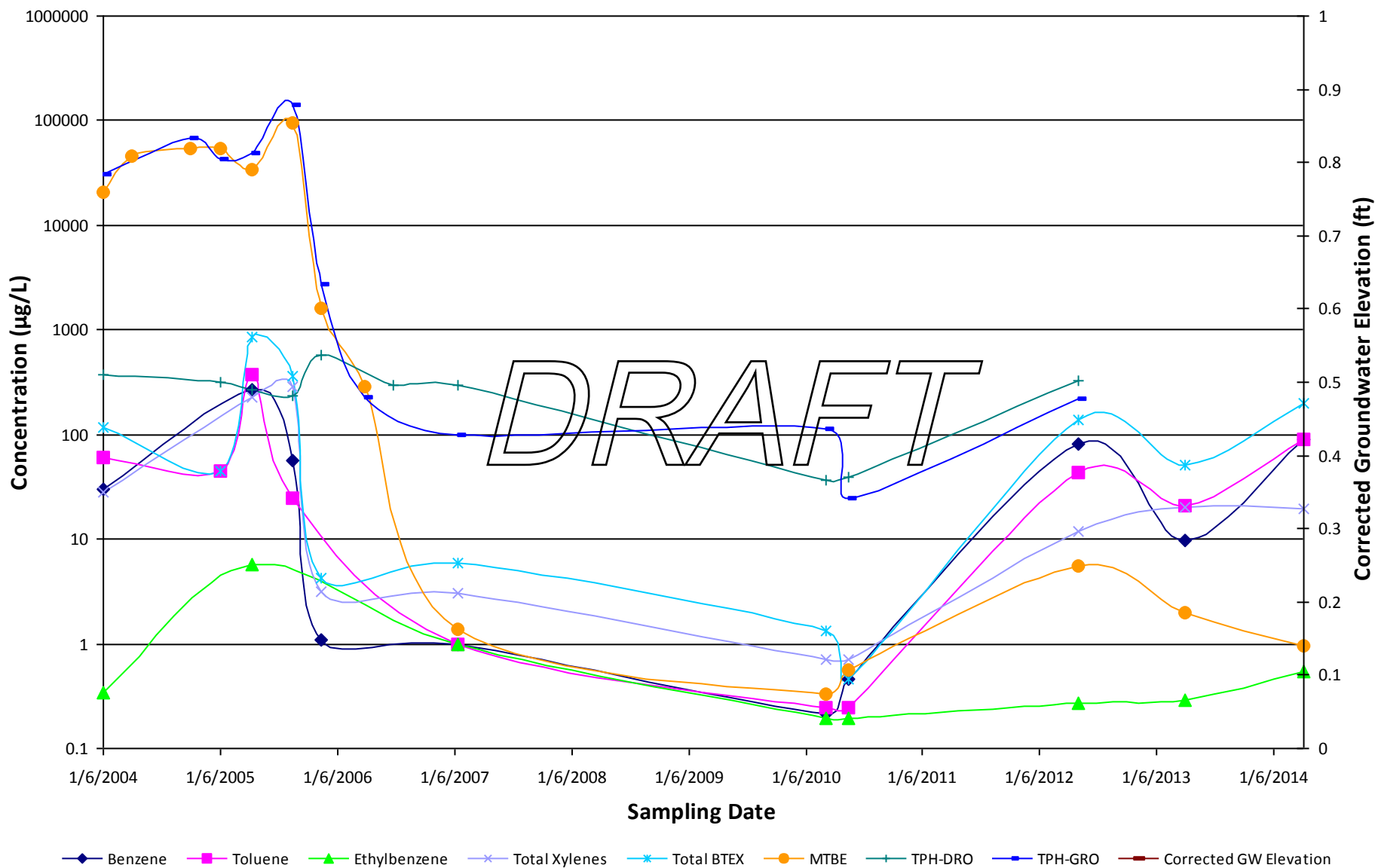
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
RW-03



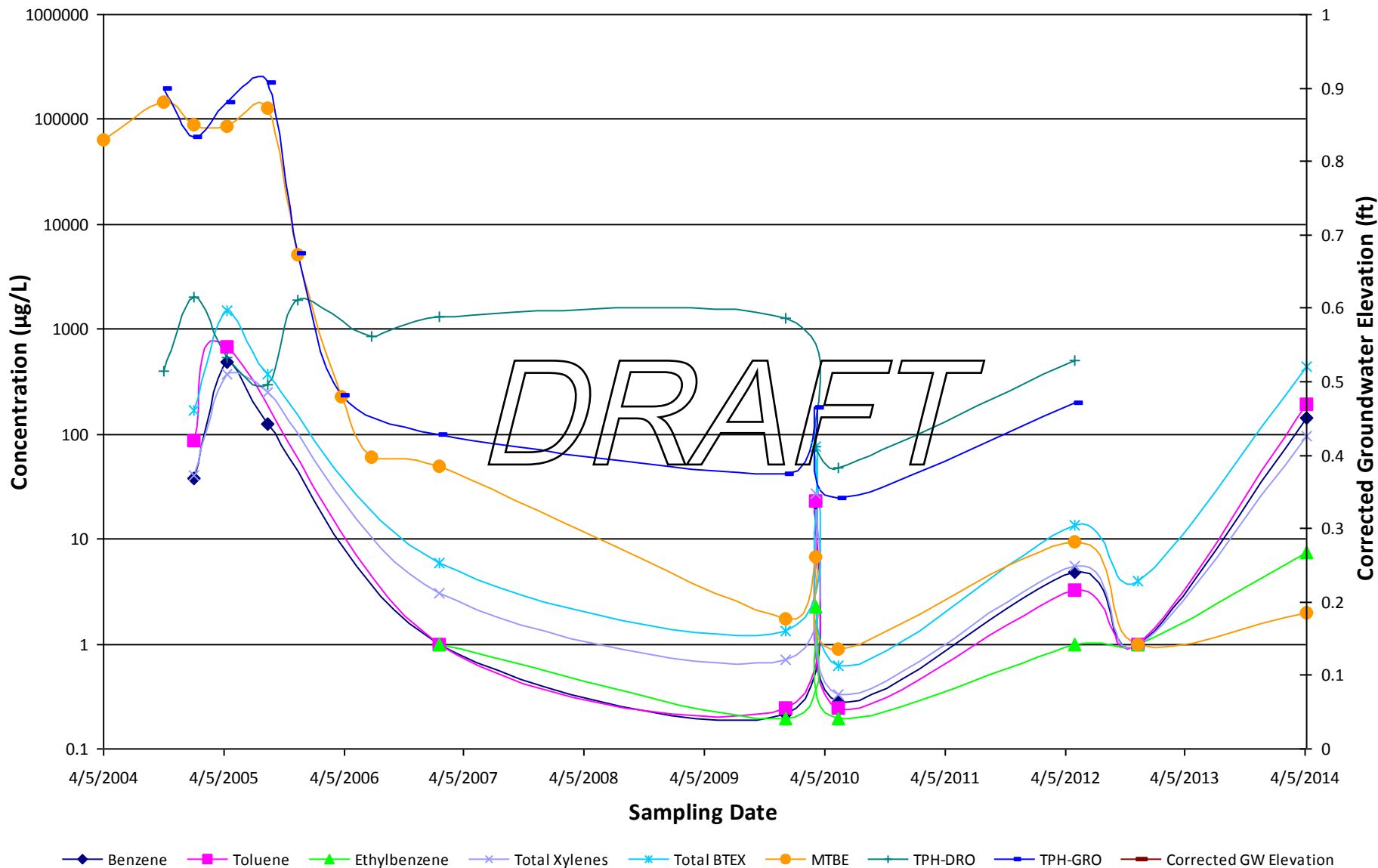
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
RW-10



*Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
TF-01*



Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
TF-02

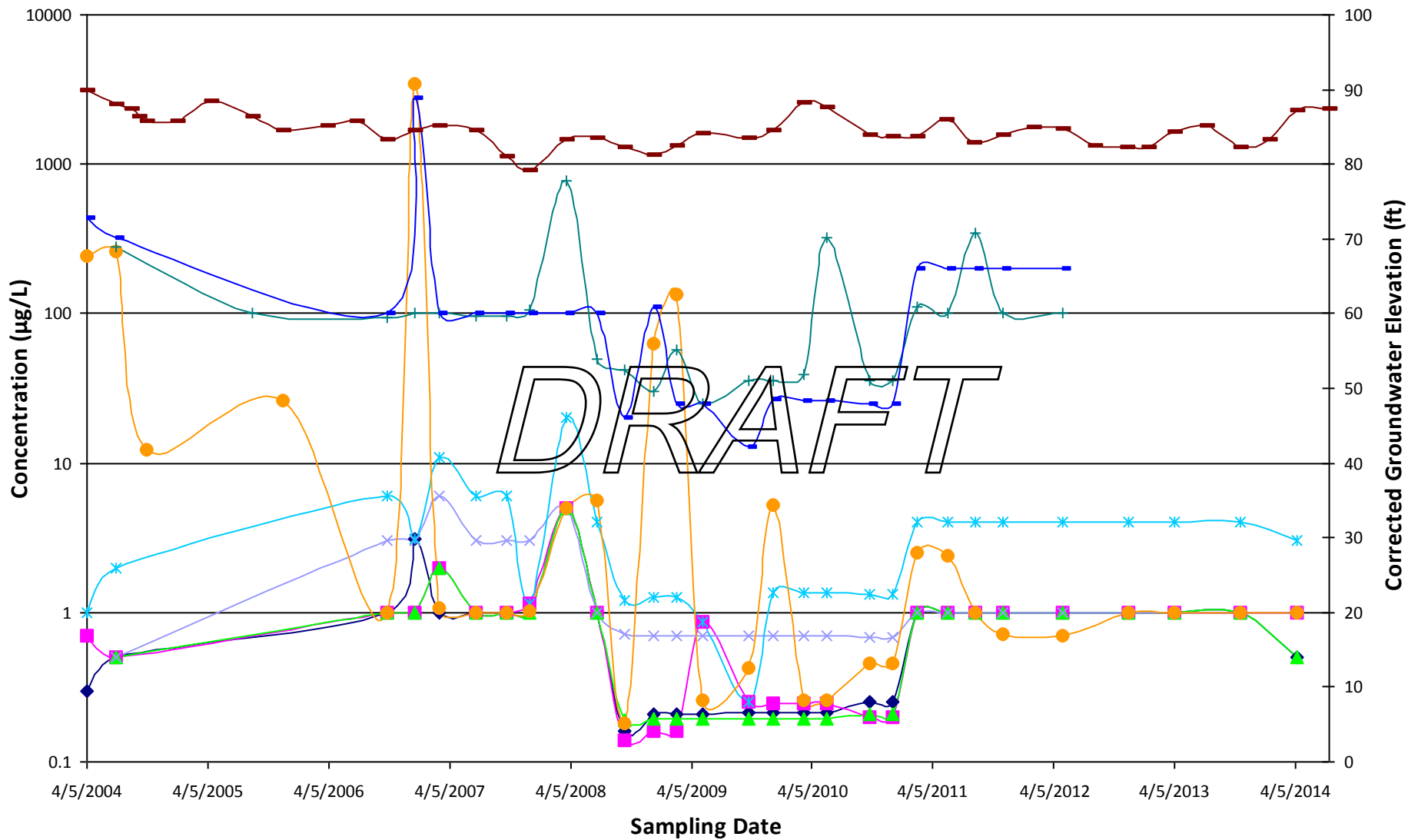


Offsite Groundwater Concentration Trends

80-240 feet from Site

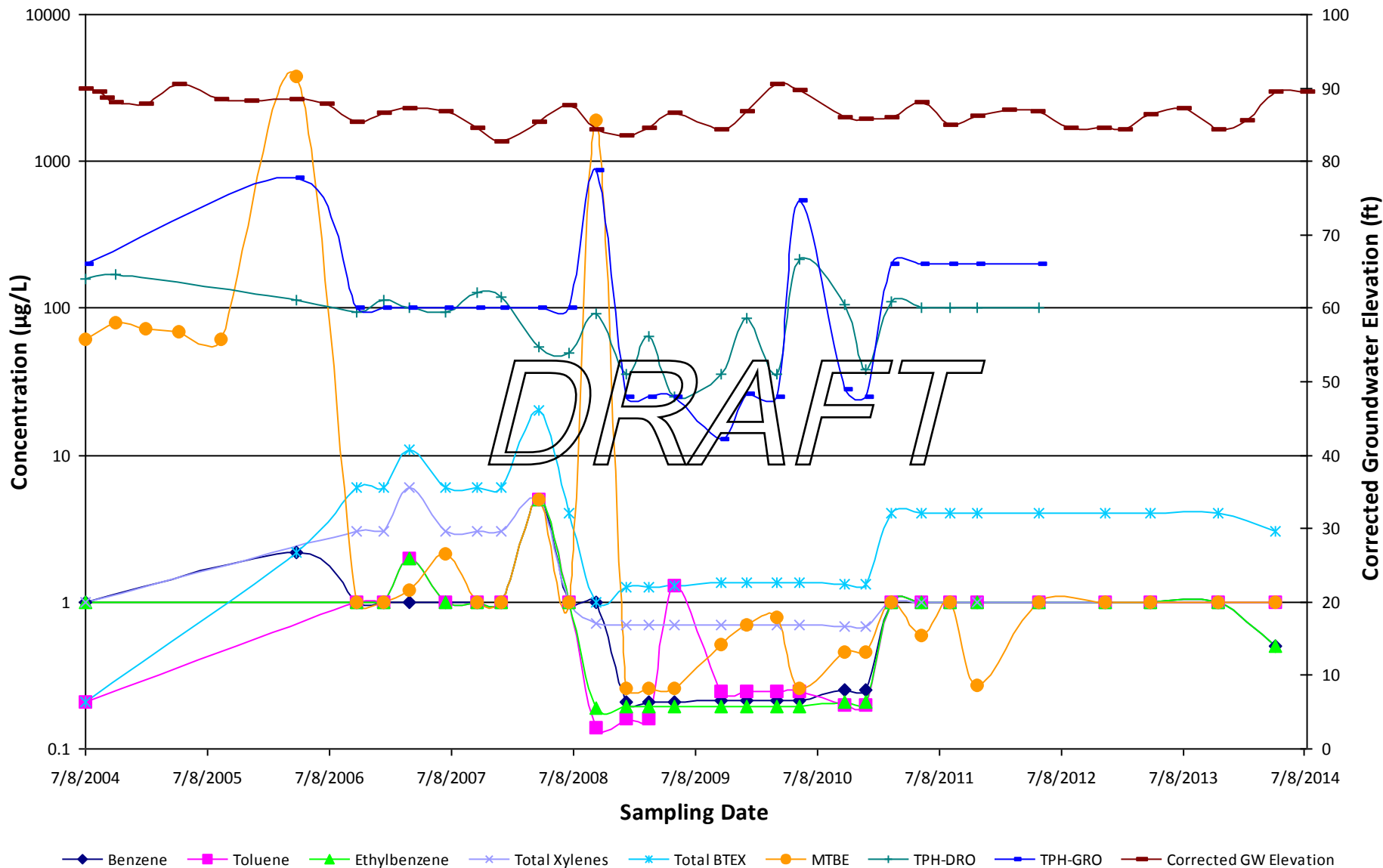
DRAFT

Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-05D

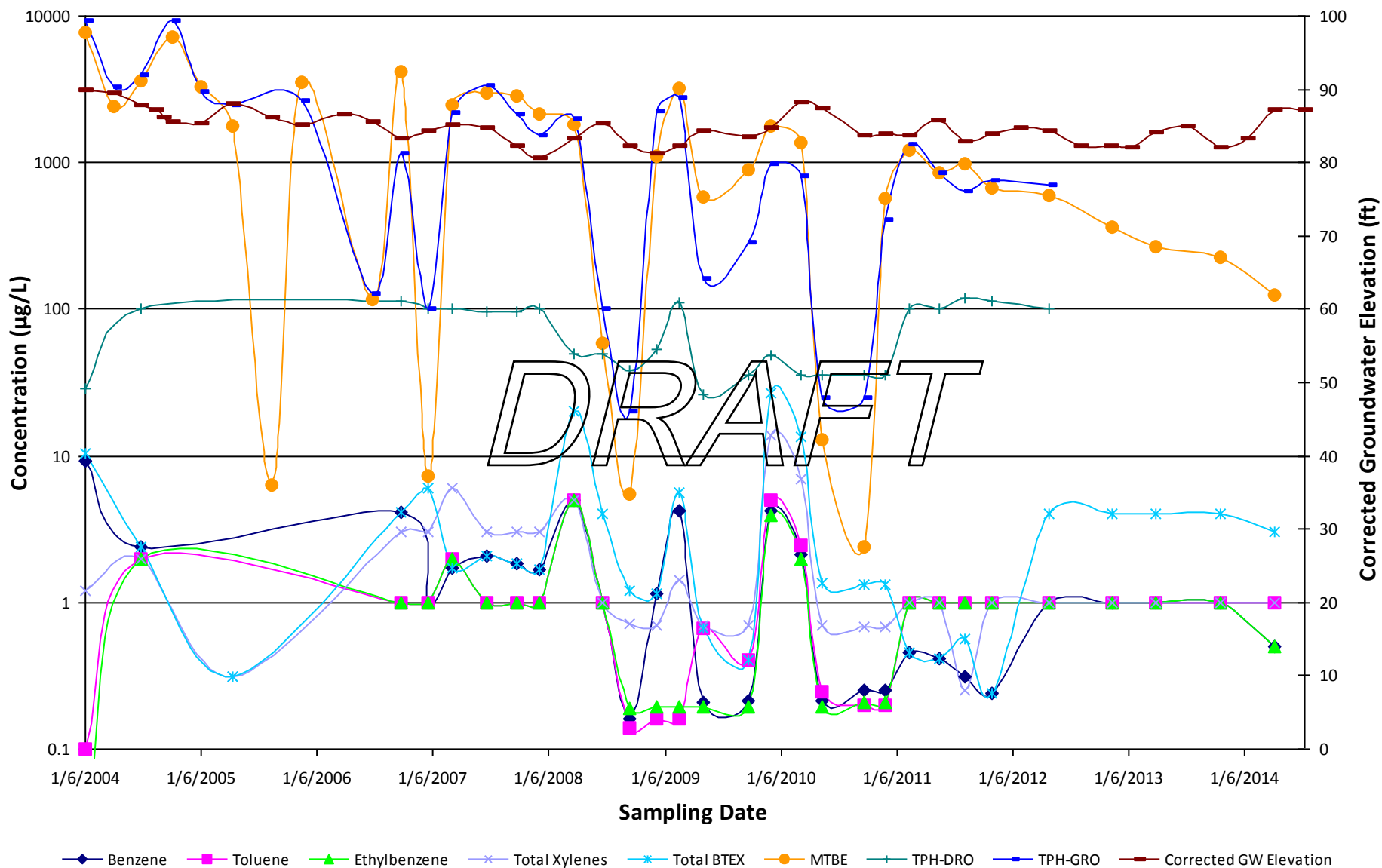


◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO ■ TPH-GRO — Corrected GW Elevation

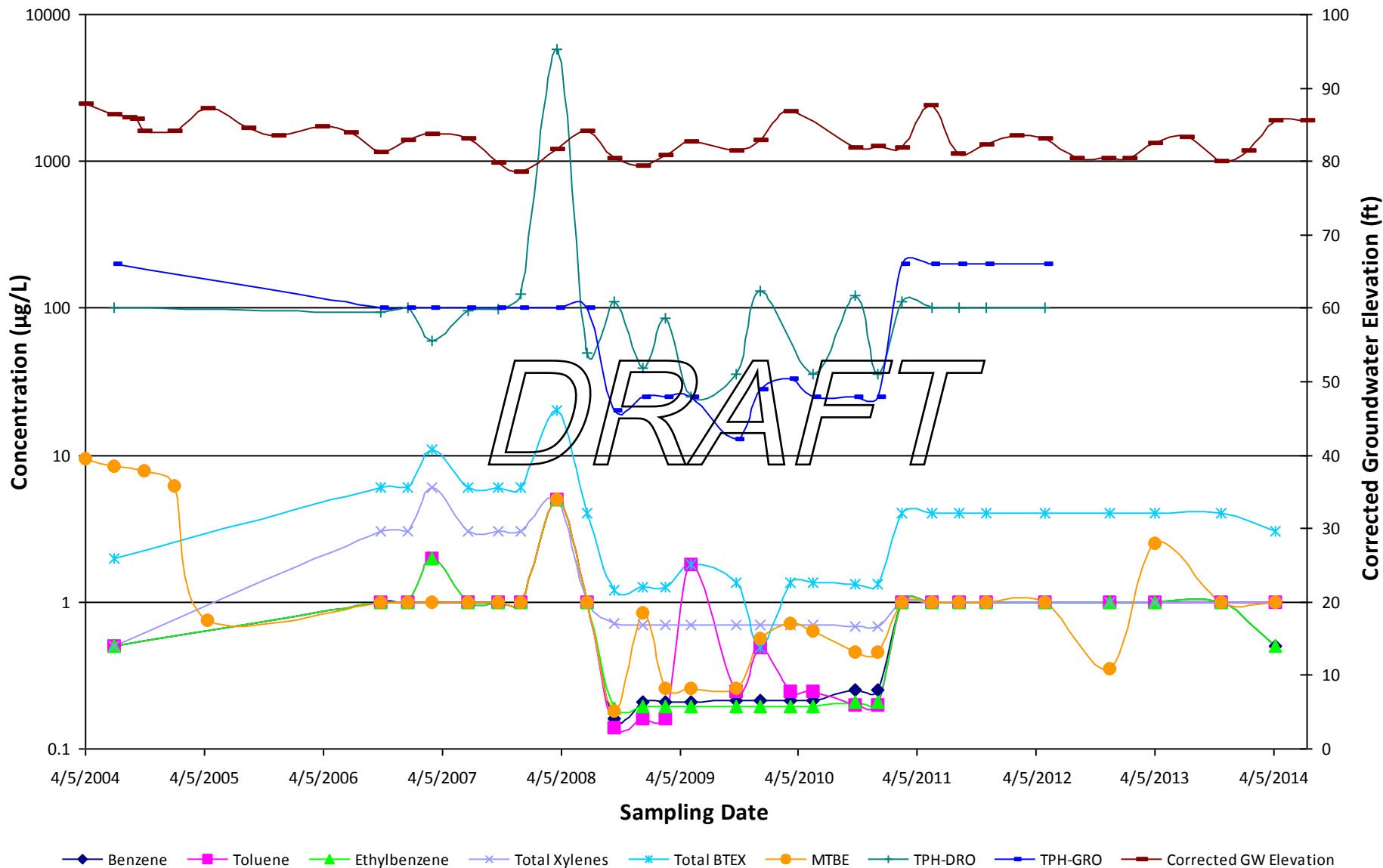
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-05R



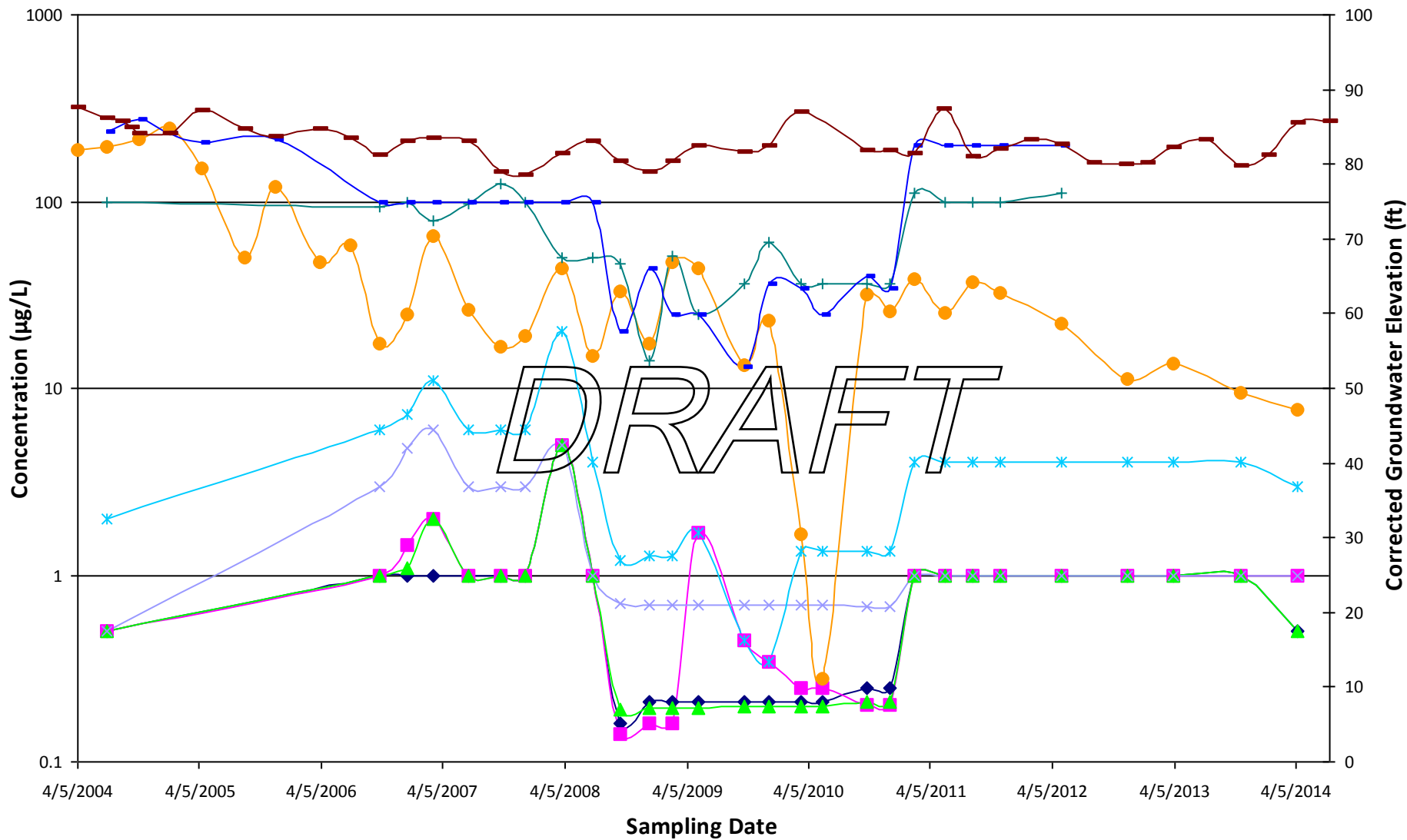
*Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-05S*



**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-07D**

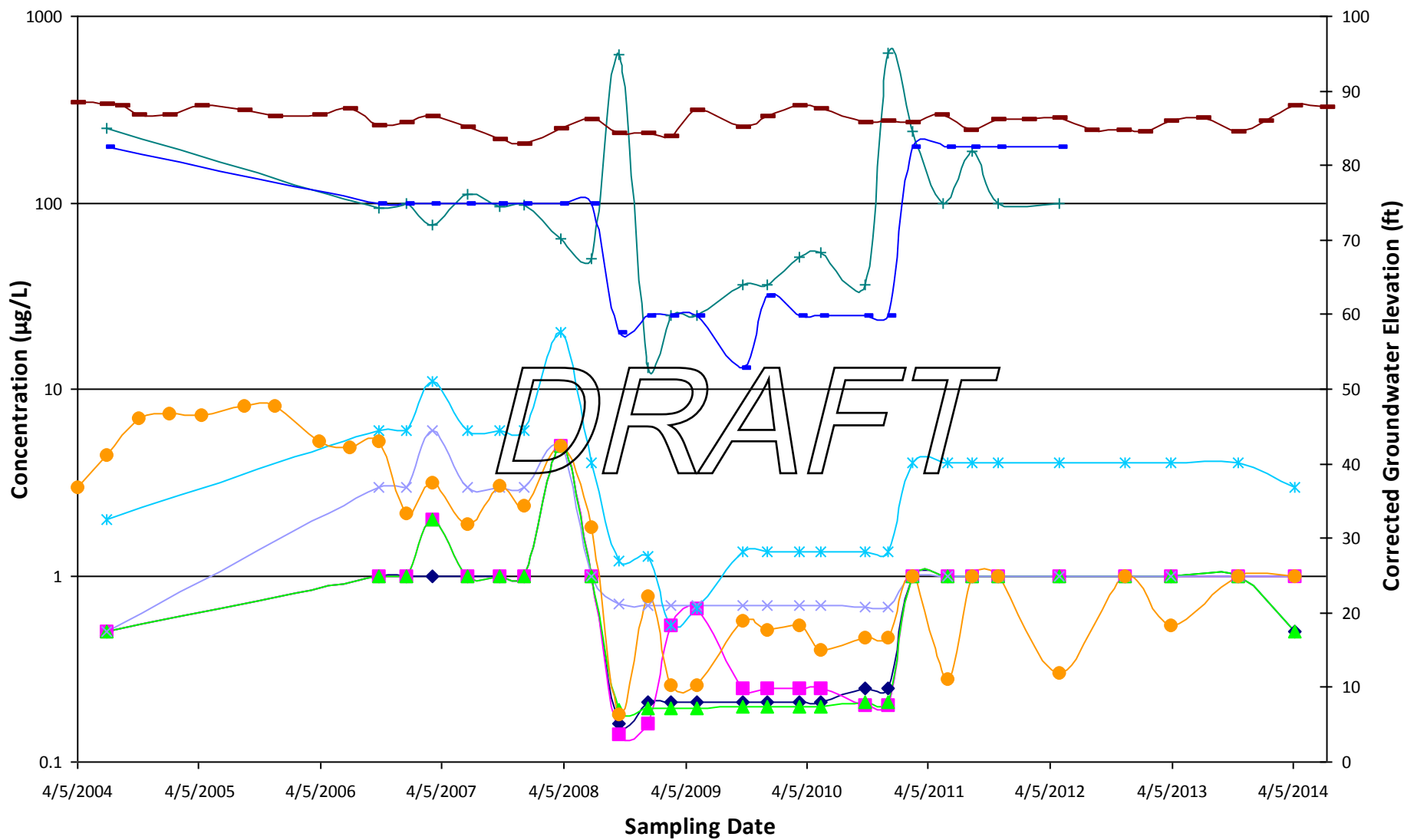


**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-07S**



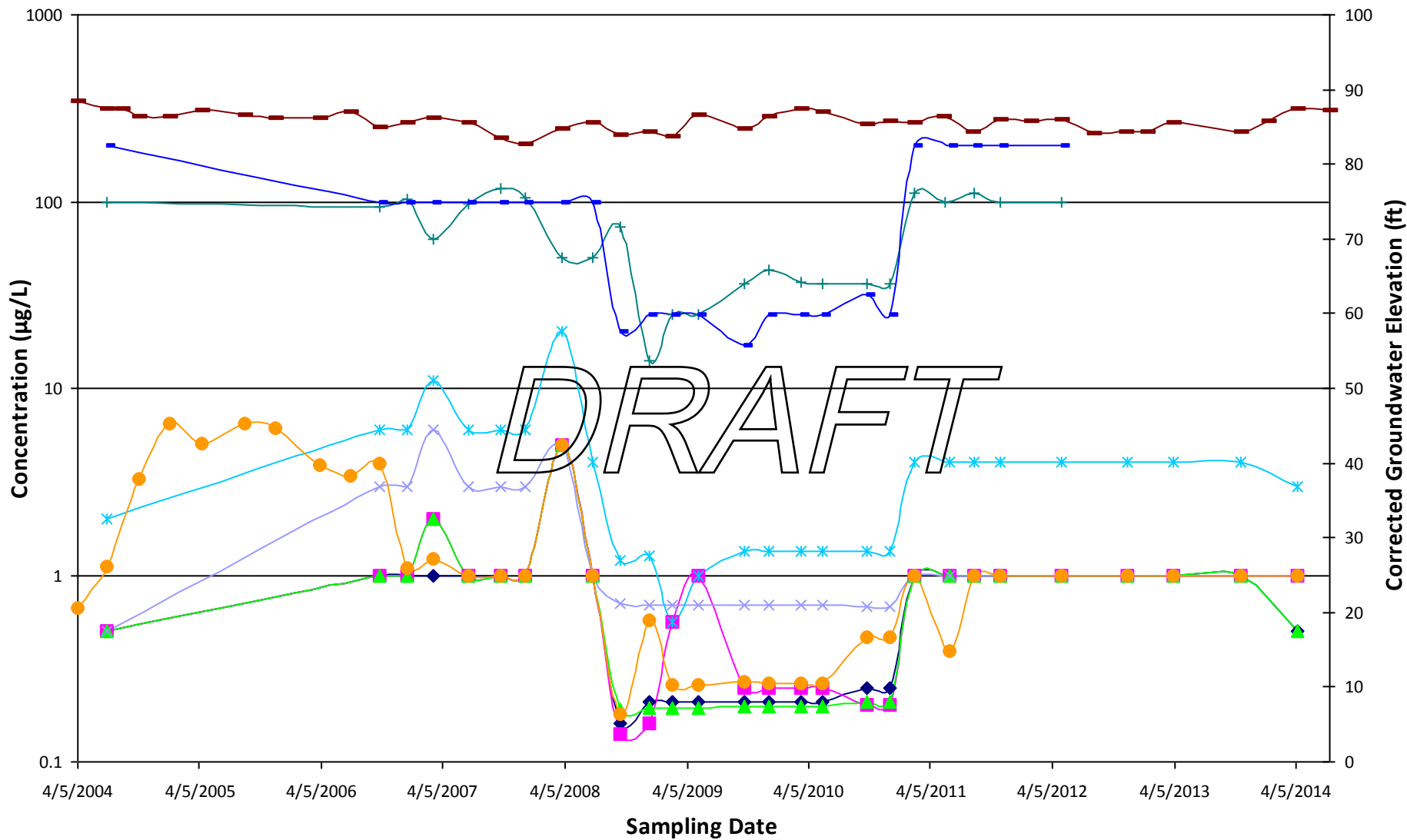
◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO ■ TPH-GRO — Corrected GW Elevation

*Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-09D*



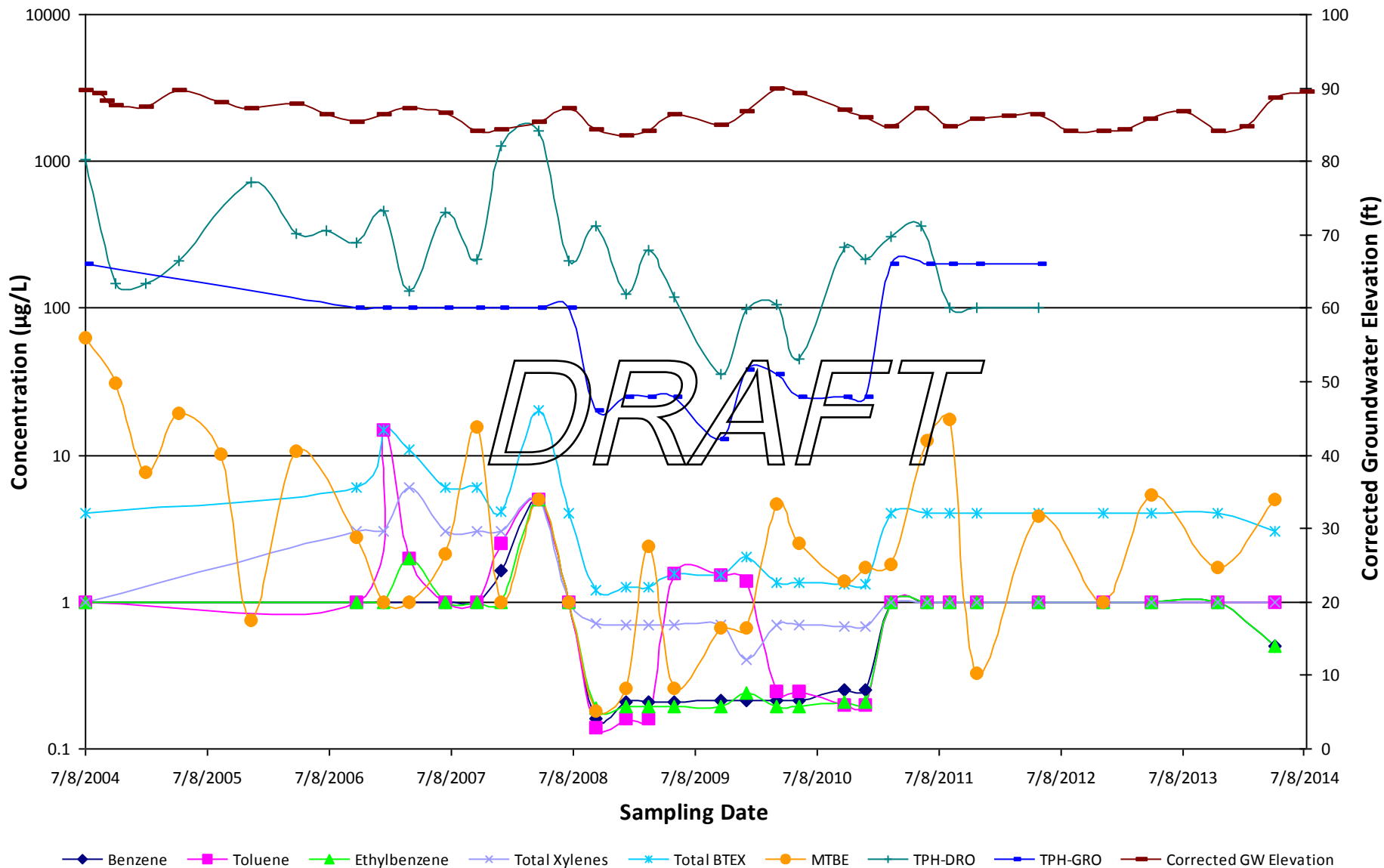
◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO ■ TPH-GRO — Corrected GW Elevation

Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-09S

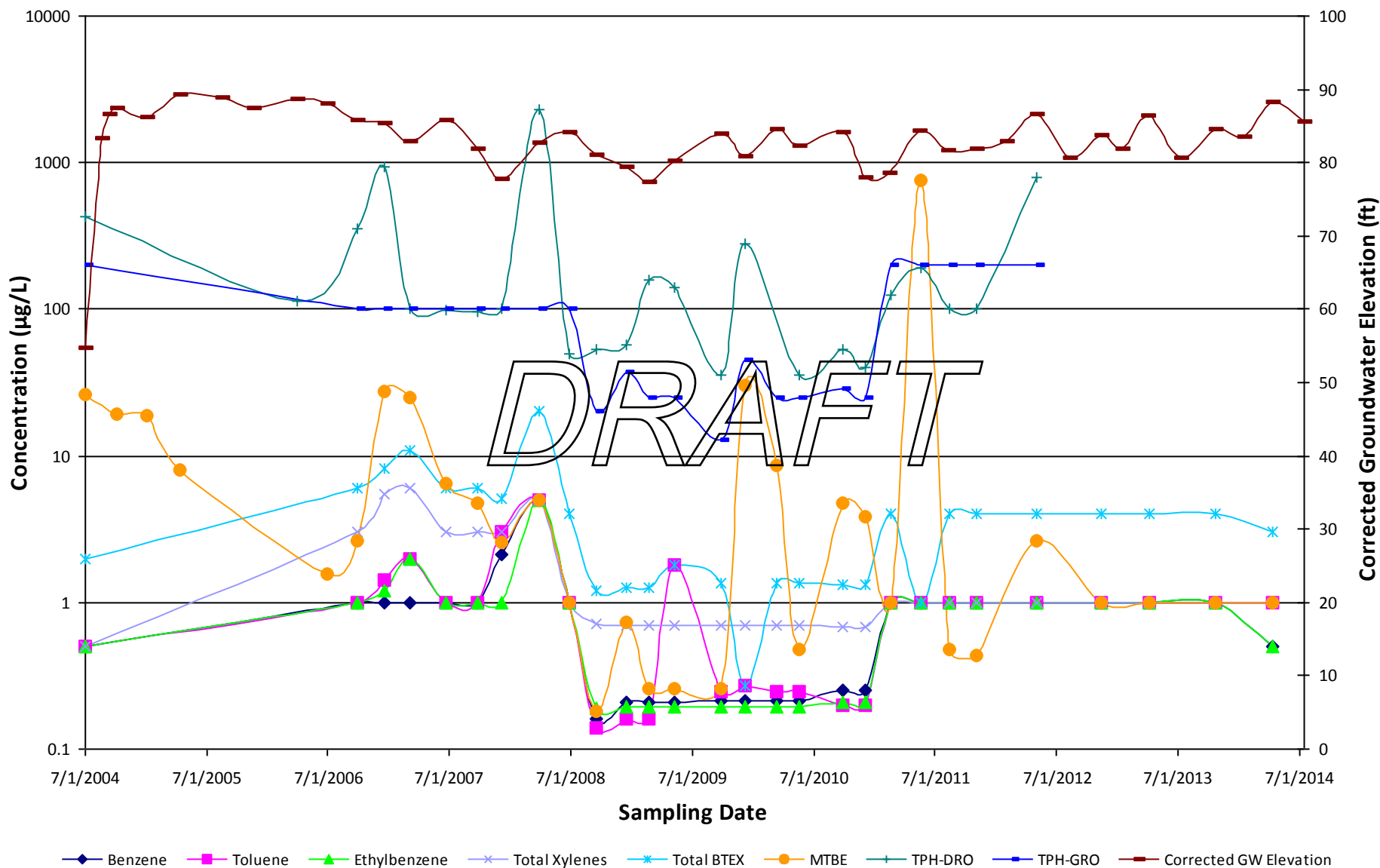


◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO ◆ TPH-GRO - Corrected GW Elevation

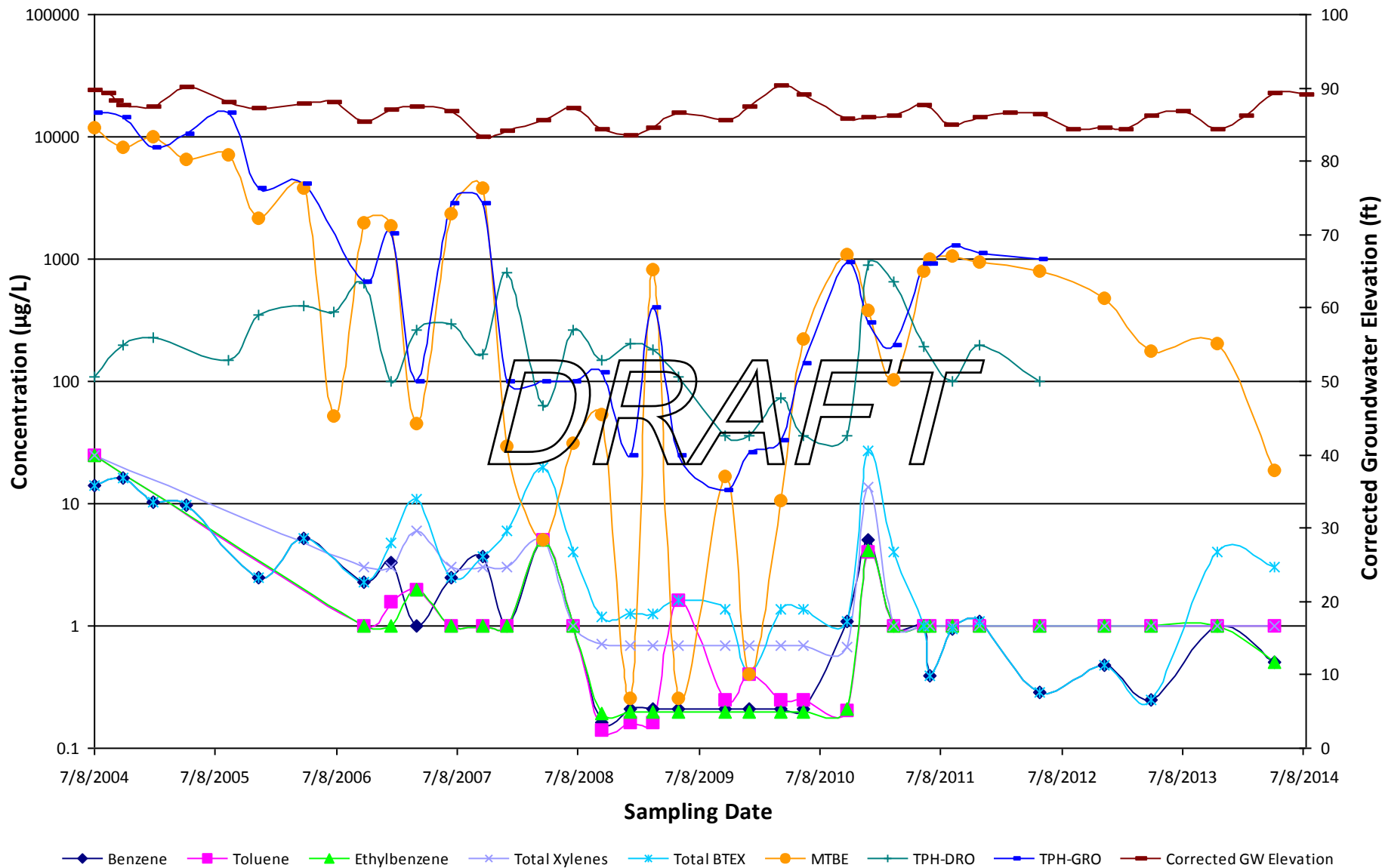
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-11D



Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-11R



*Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-11S*

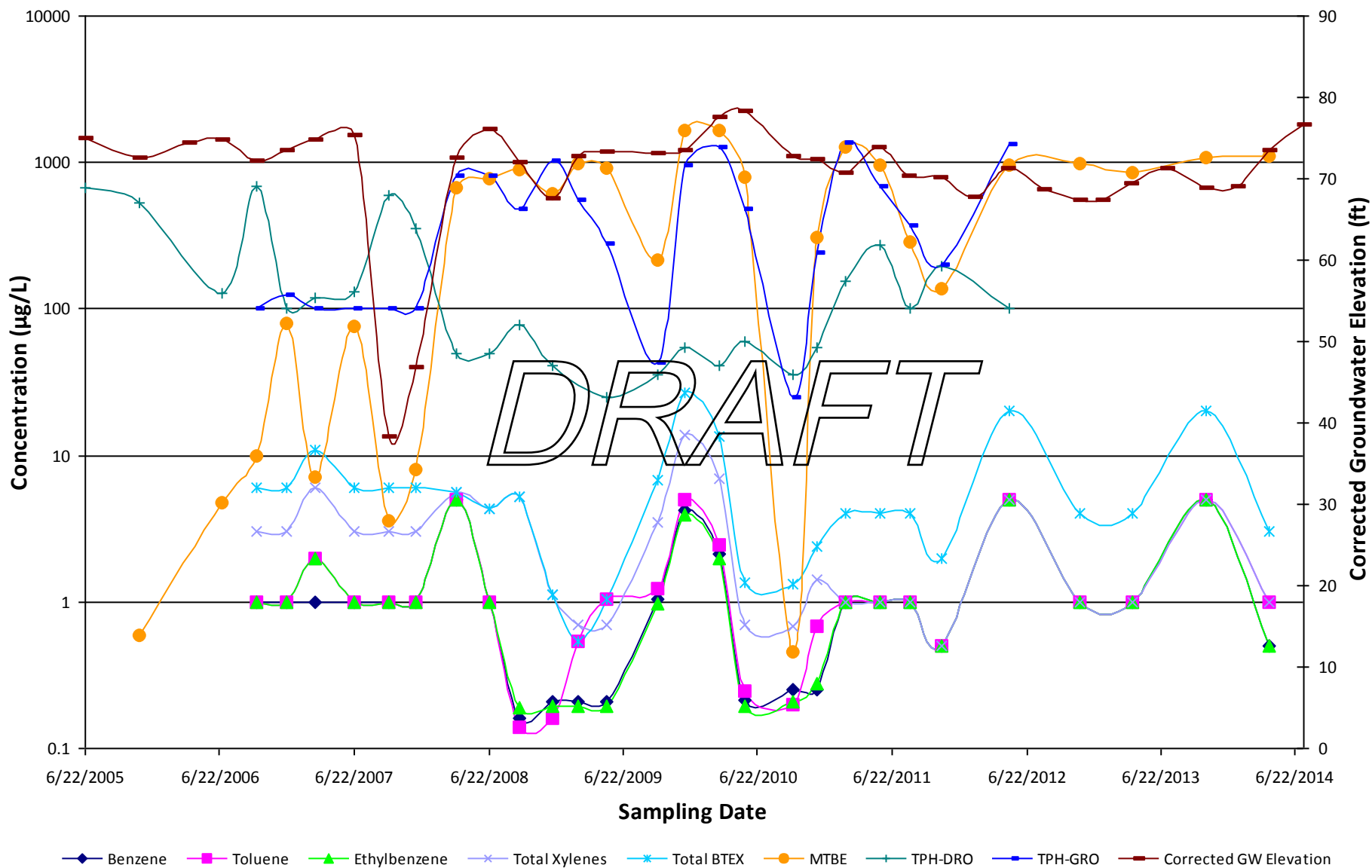


Offsite Groundwater Concentration Trends

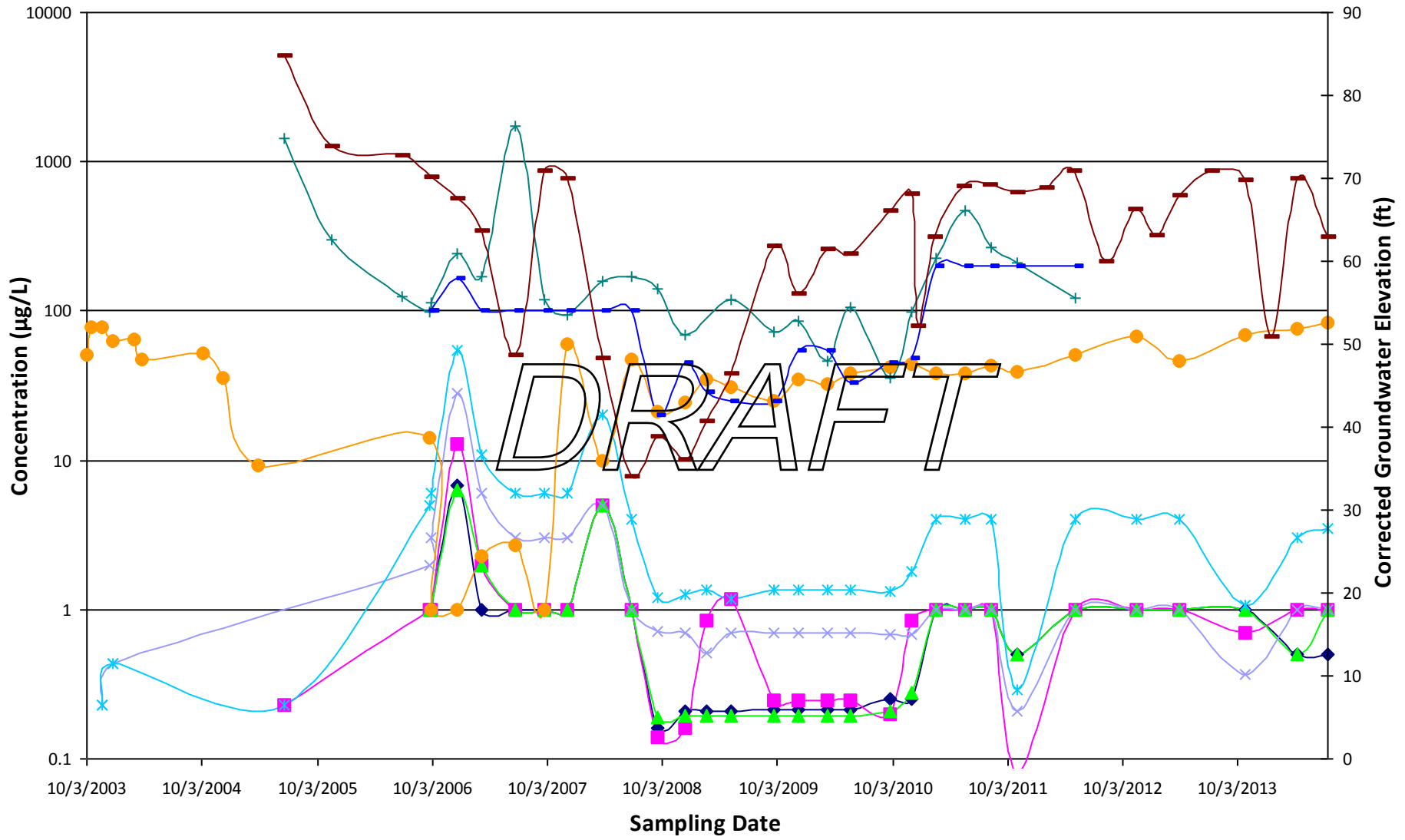
DRAFT

240-640 feet from Site

*Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
750 BND*

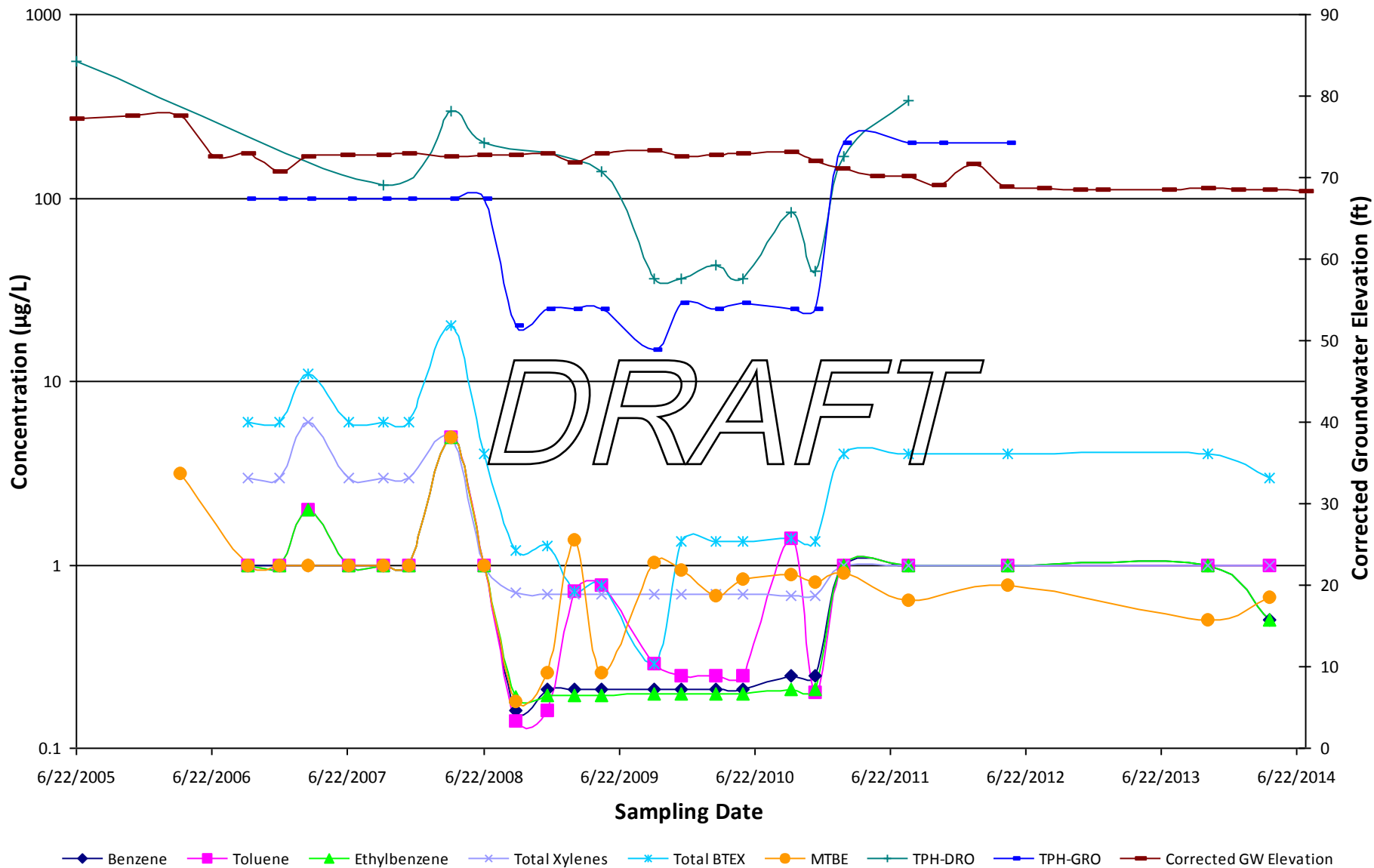


*Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
750 BNR*

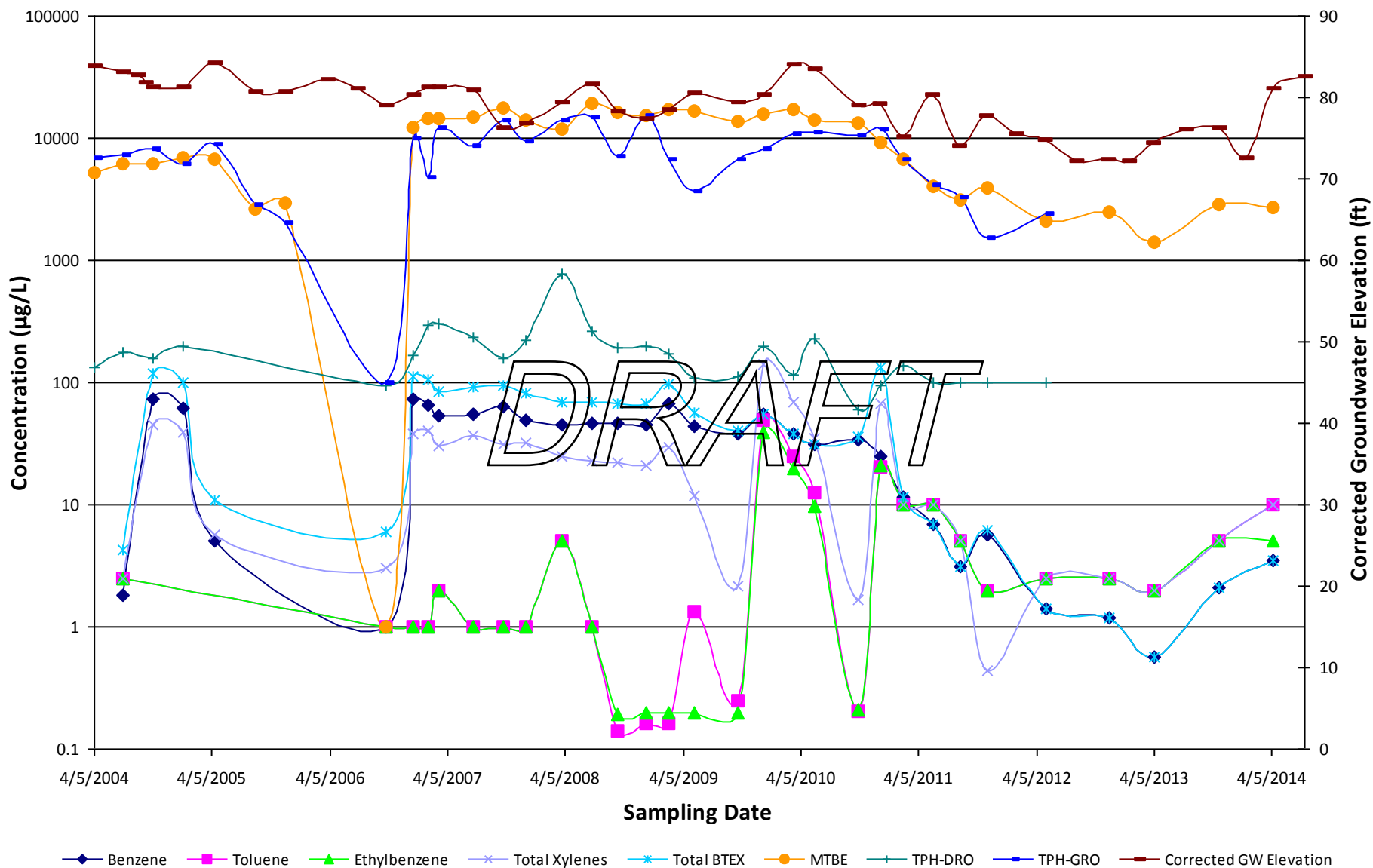


◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO ■ TPH-GRO ■ Corrected GW Elevation

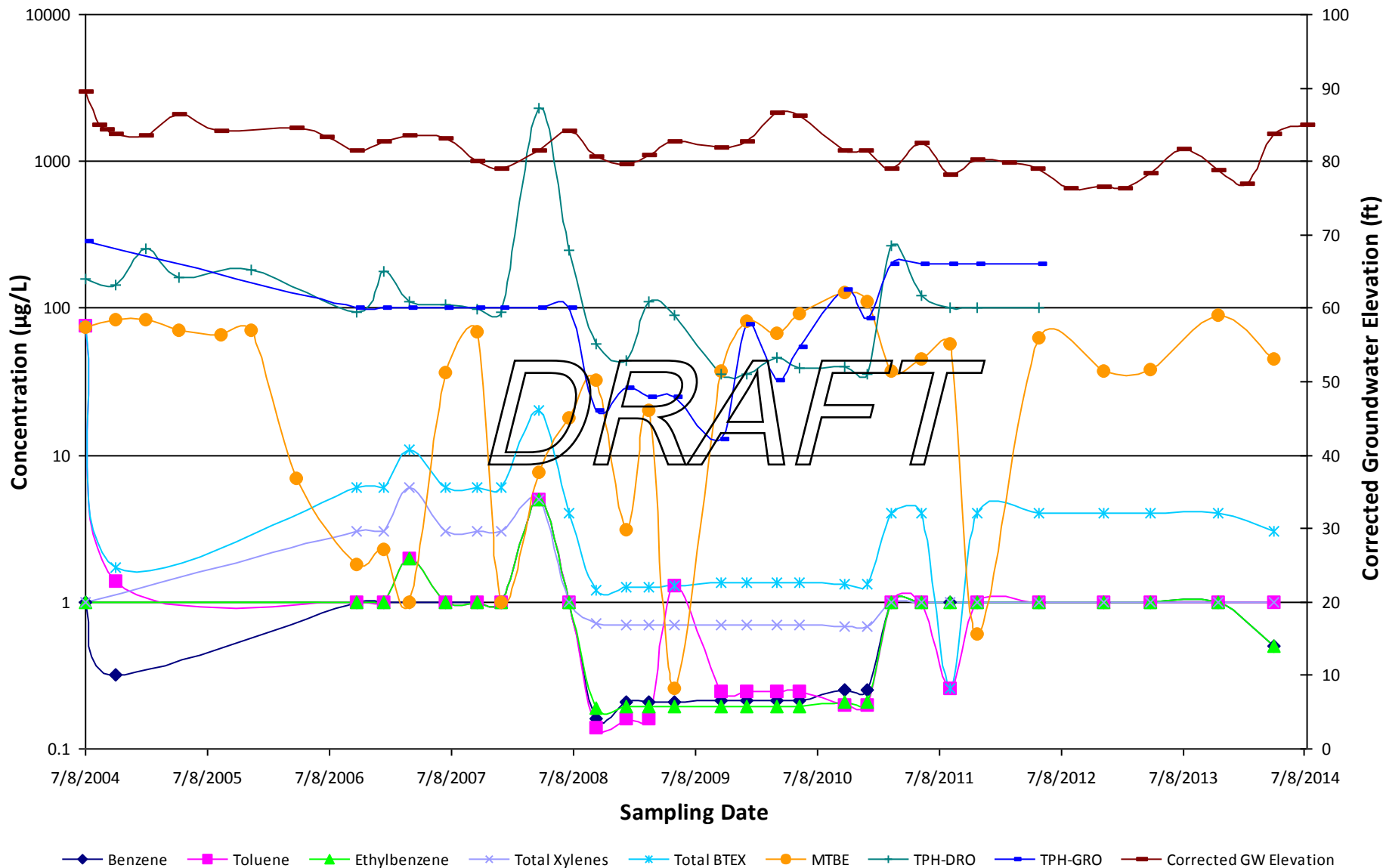
**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
750 BNS**



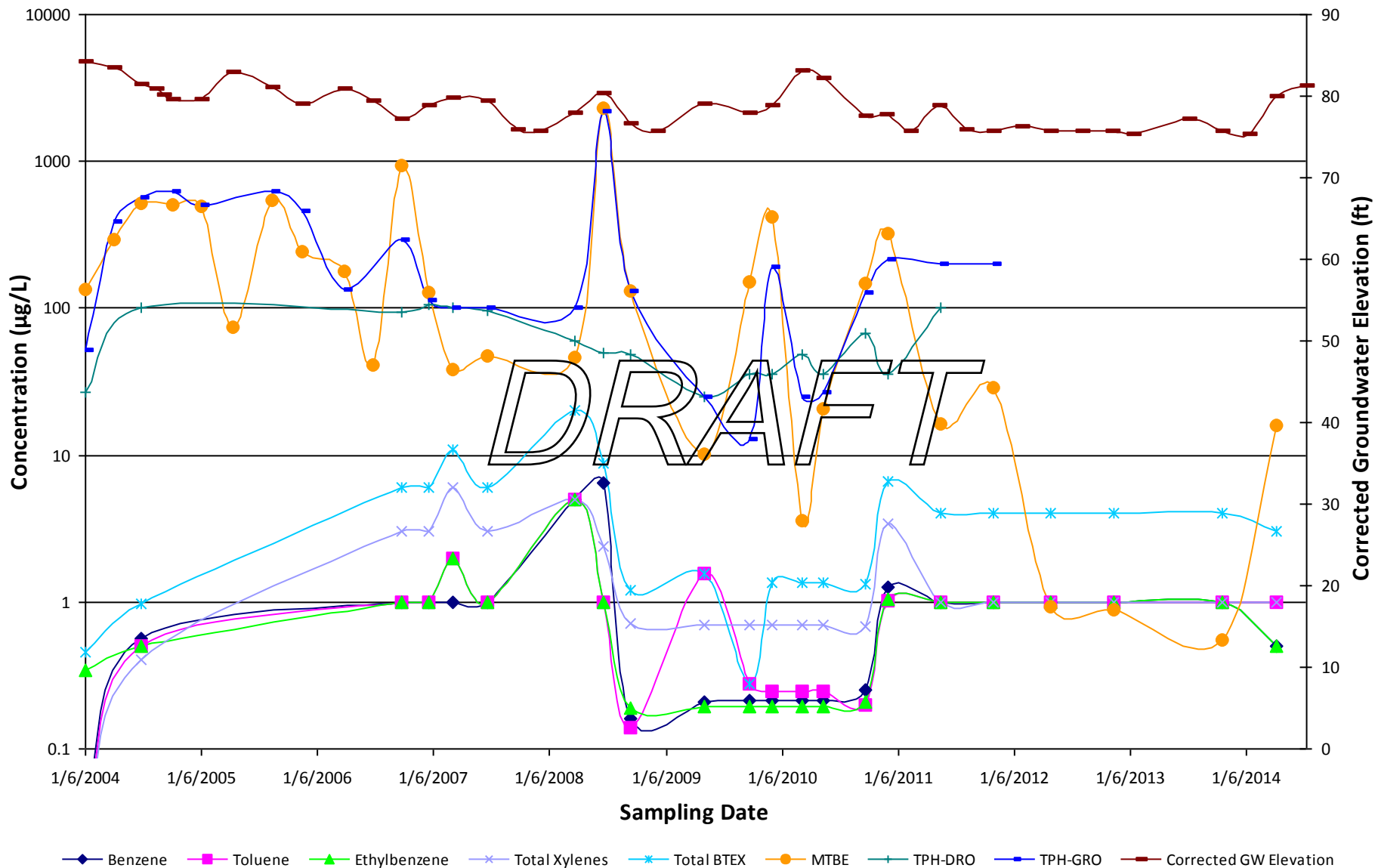
**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-06D**



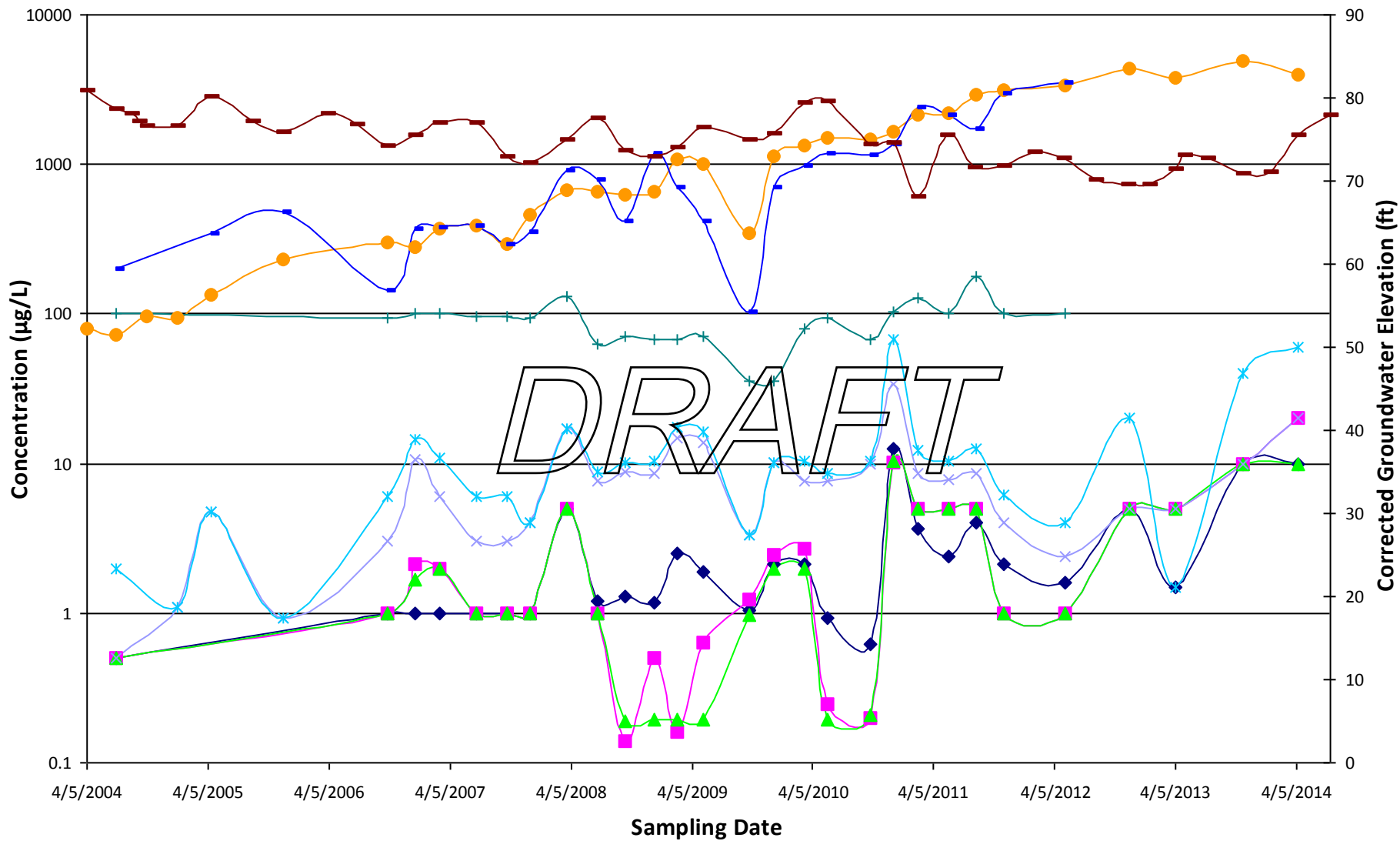
**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-06R**



**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-06S**

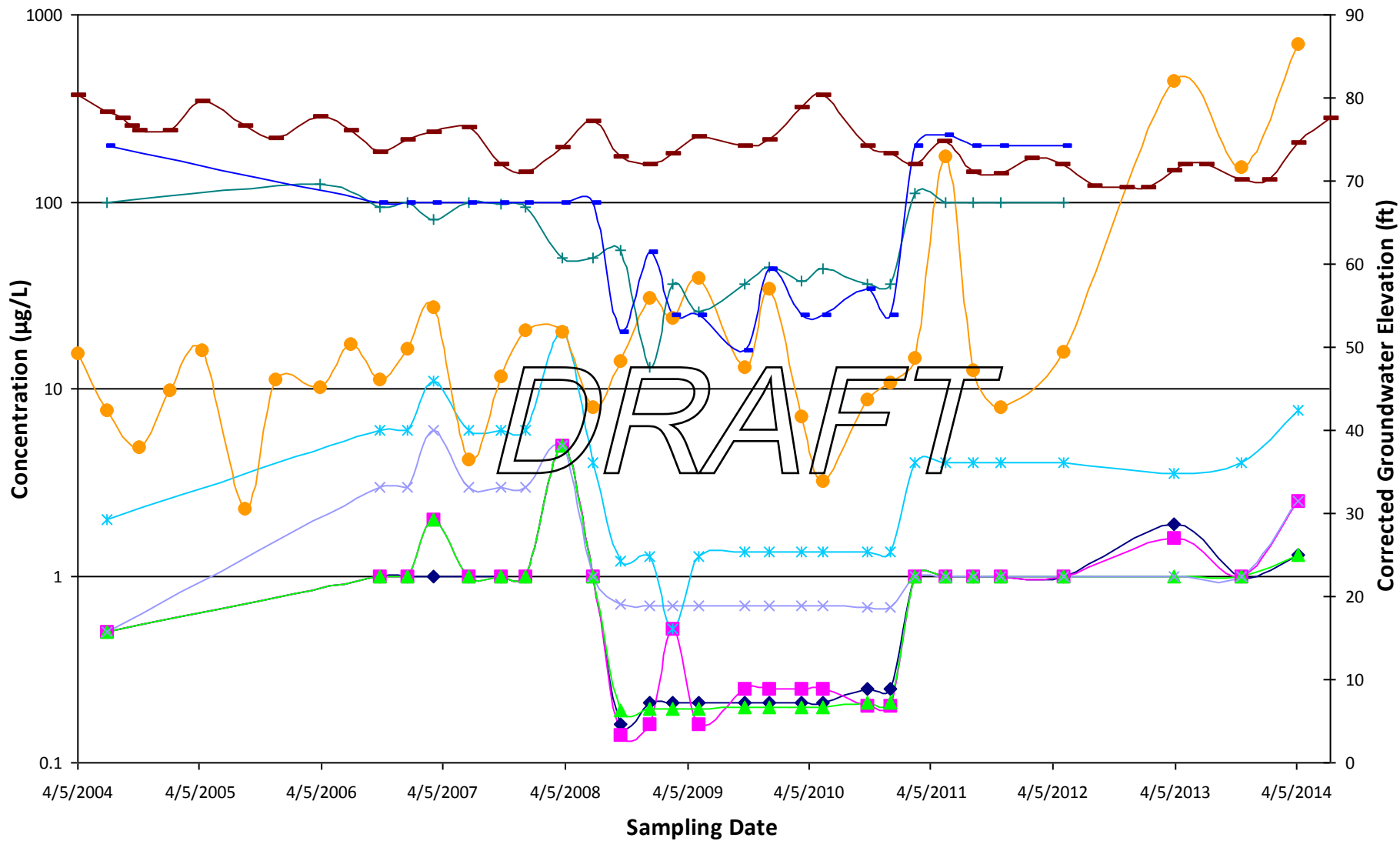


Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-08D



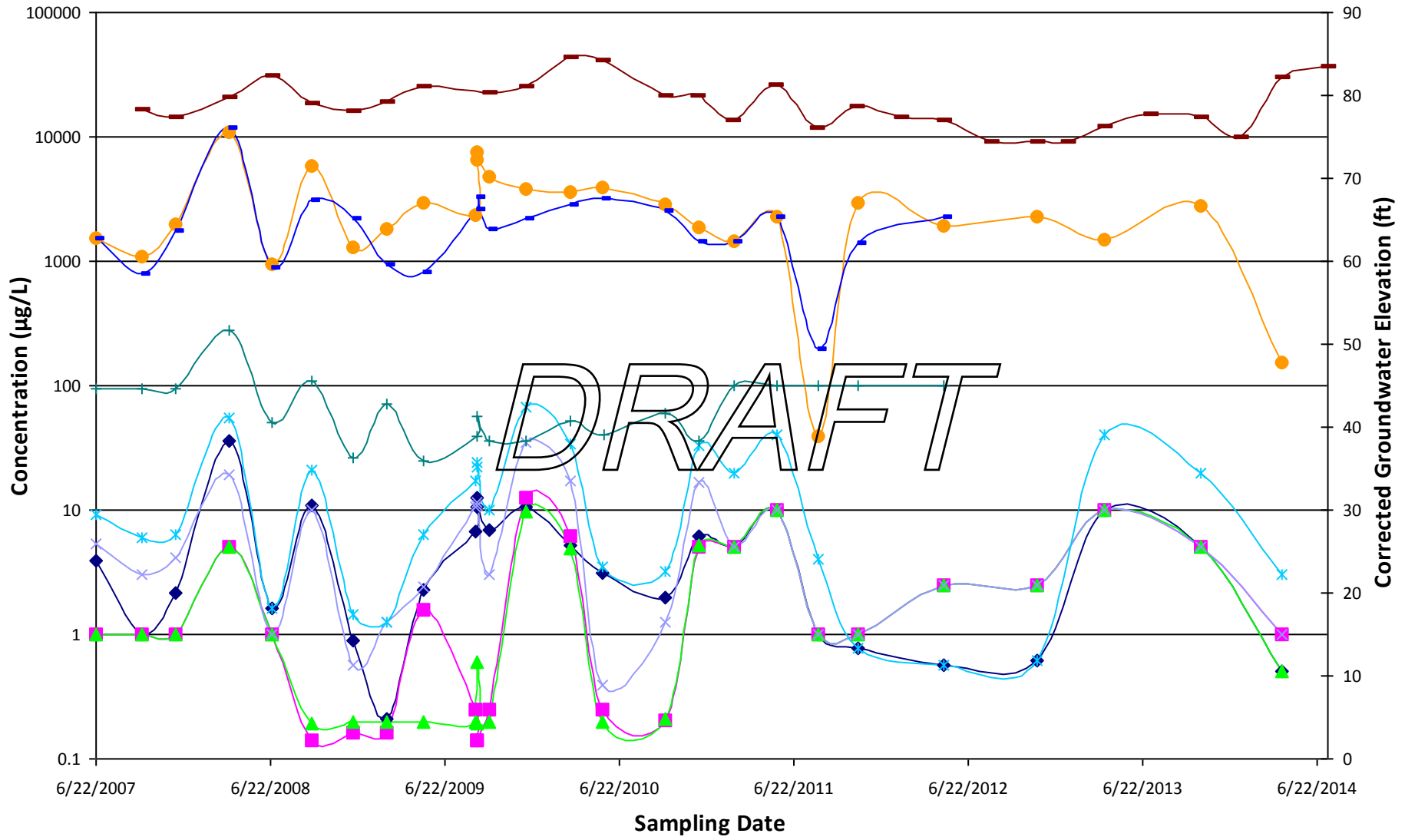
◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO ■ TPH-GRO ■ Corrected GW Elevation

**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-08S**



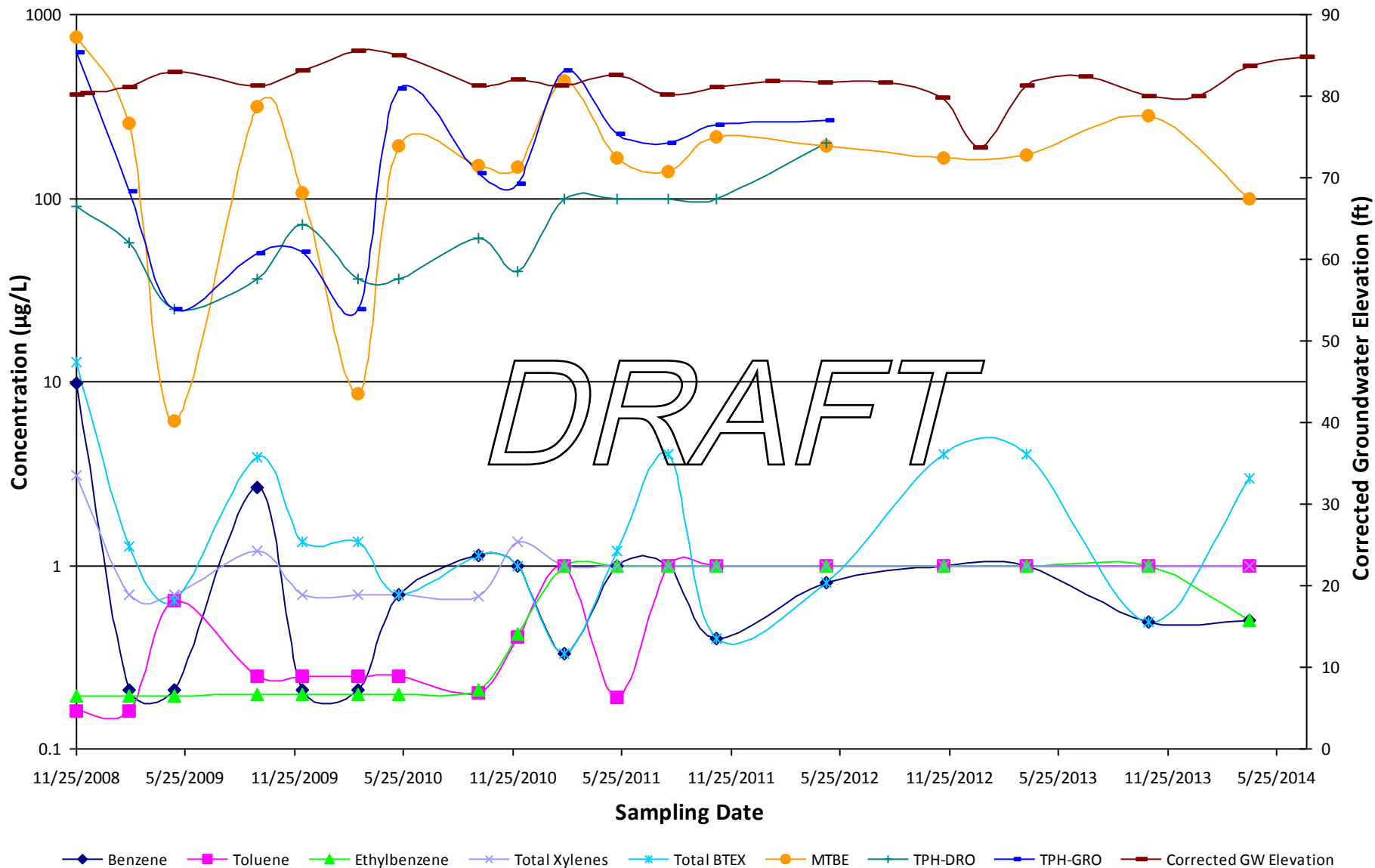
◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO □ TPH-GRO — Corrected GW Elevation

Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-12

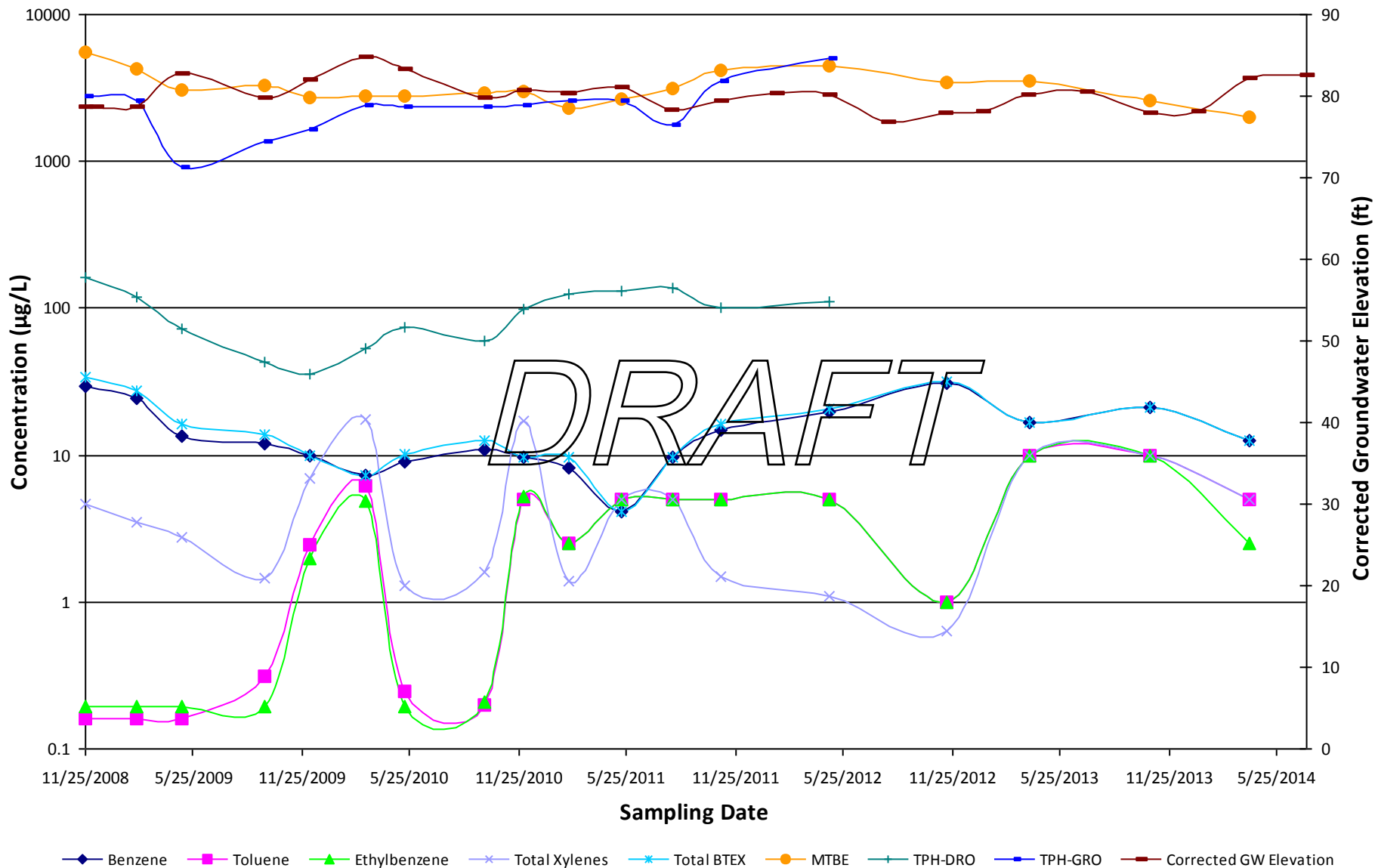


◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes × Total BTEX ● MTBE + TPH-DRO ■ TPH-GRO ■ Corrected GW Elevation

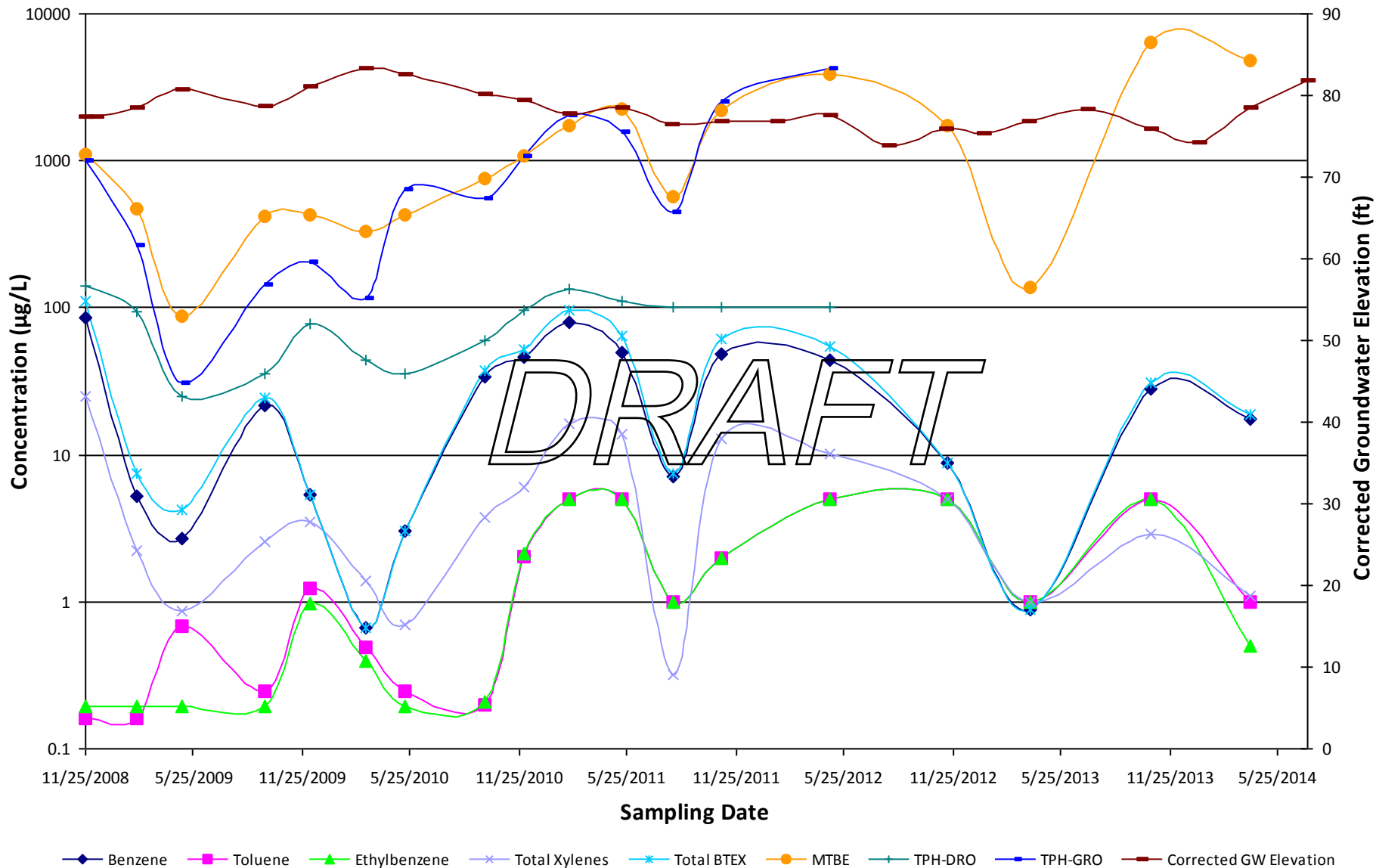
*Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-13D*



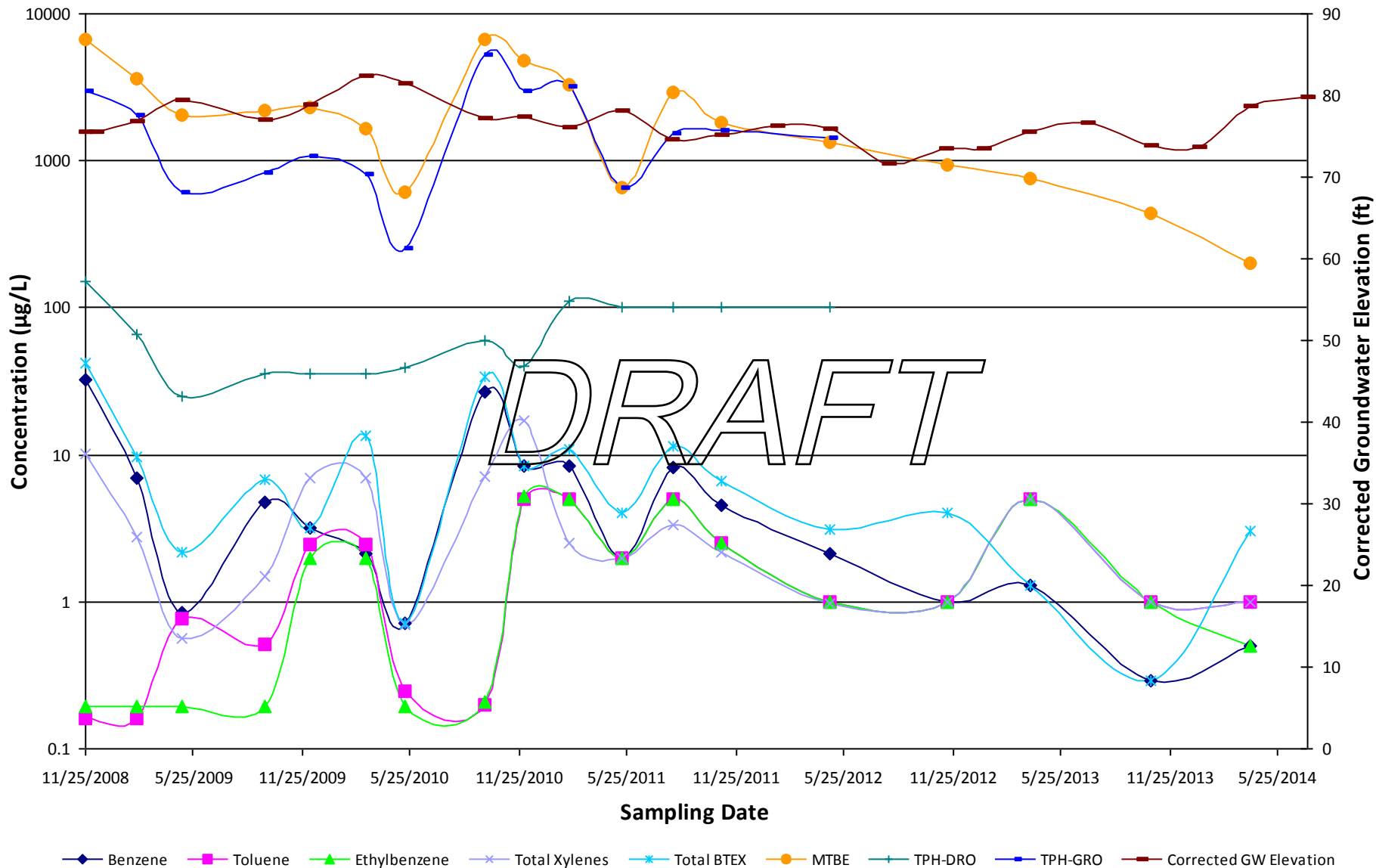
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-13S



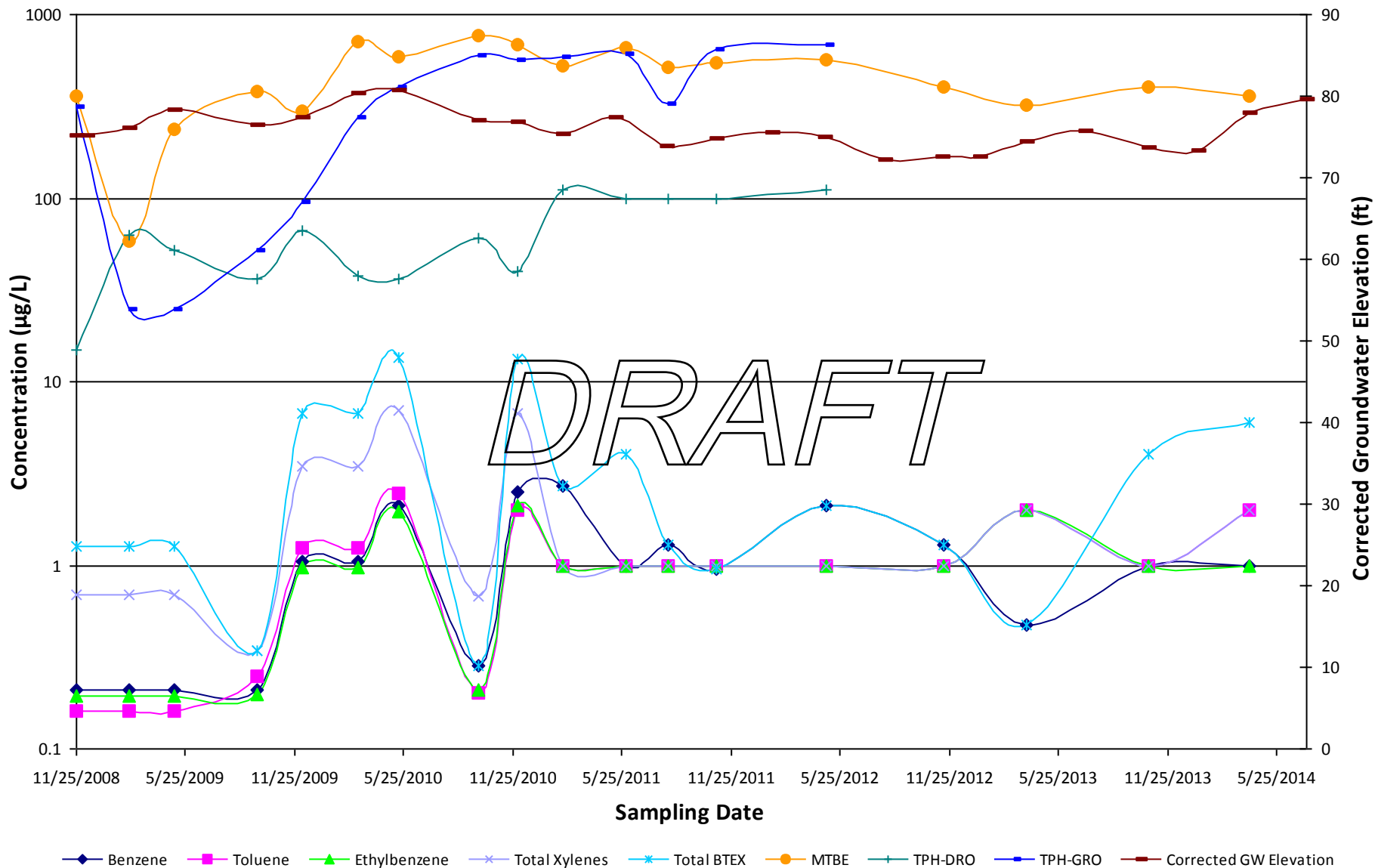
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-14D



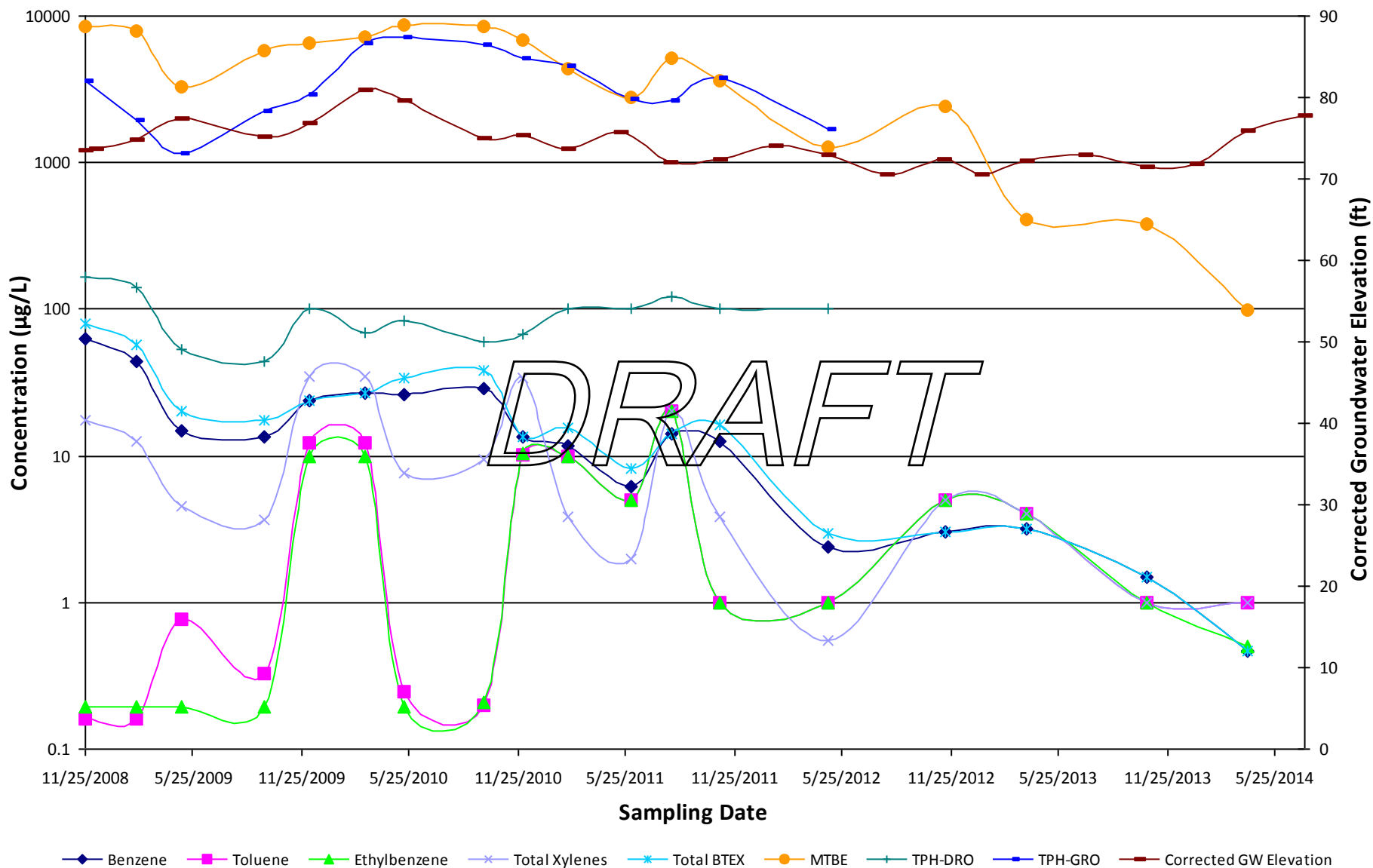
**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-14S**



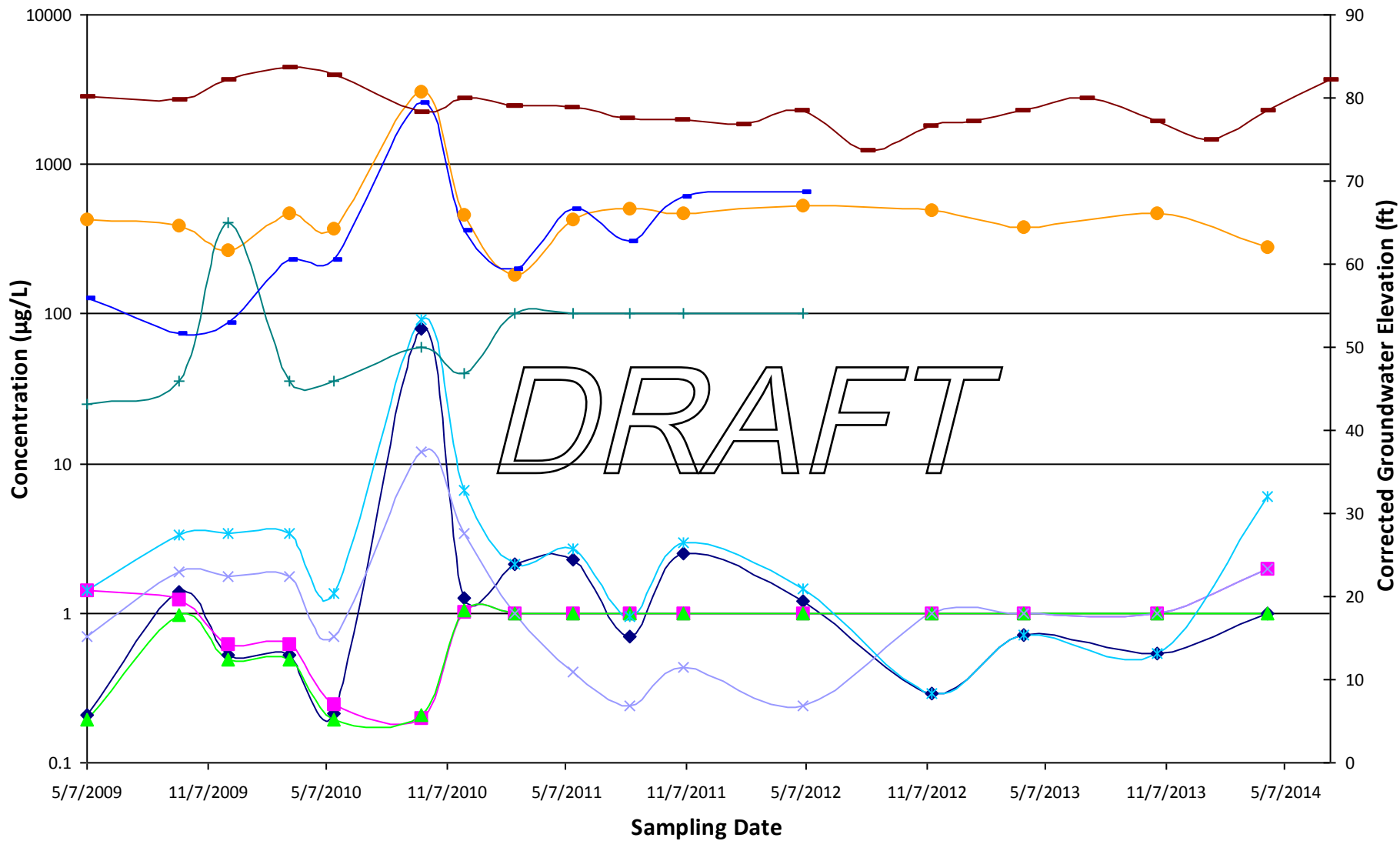
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-15D



Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-15S



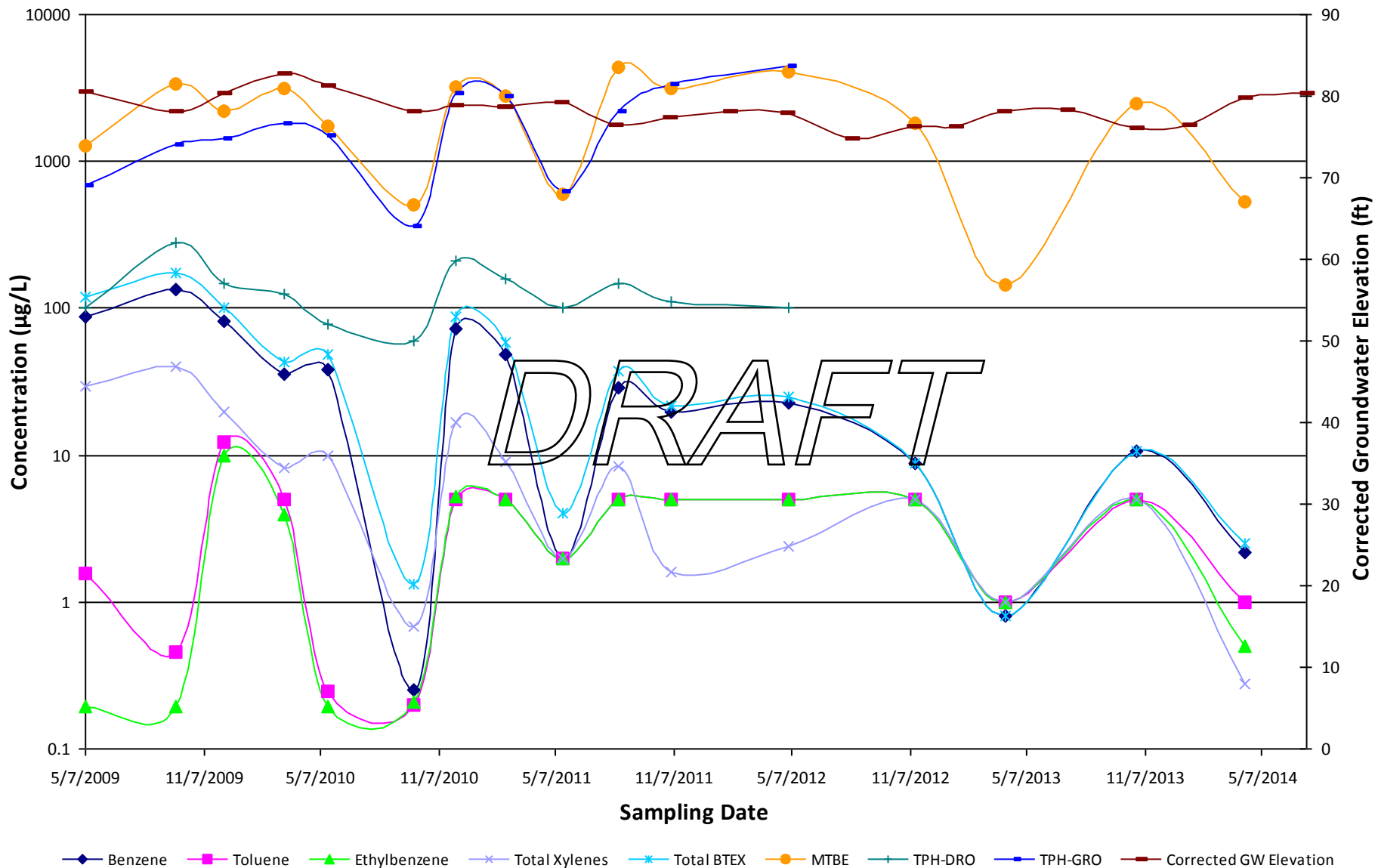
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-16D



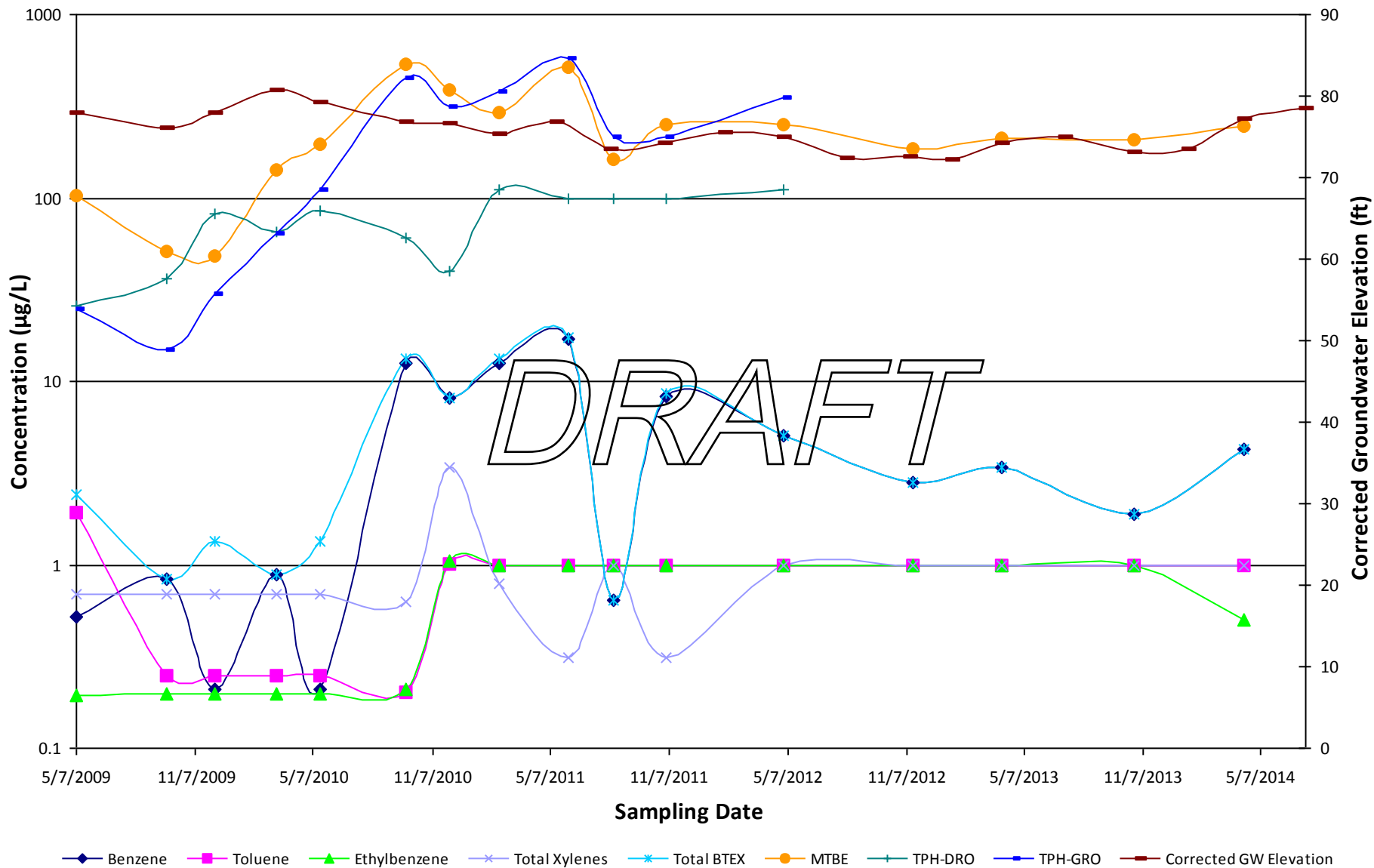
DRAFT

◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO ■ TPH-GRO — Corrected GW Elevation

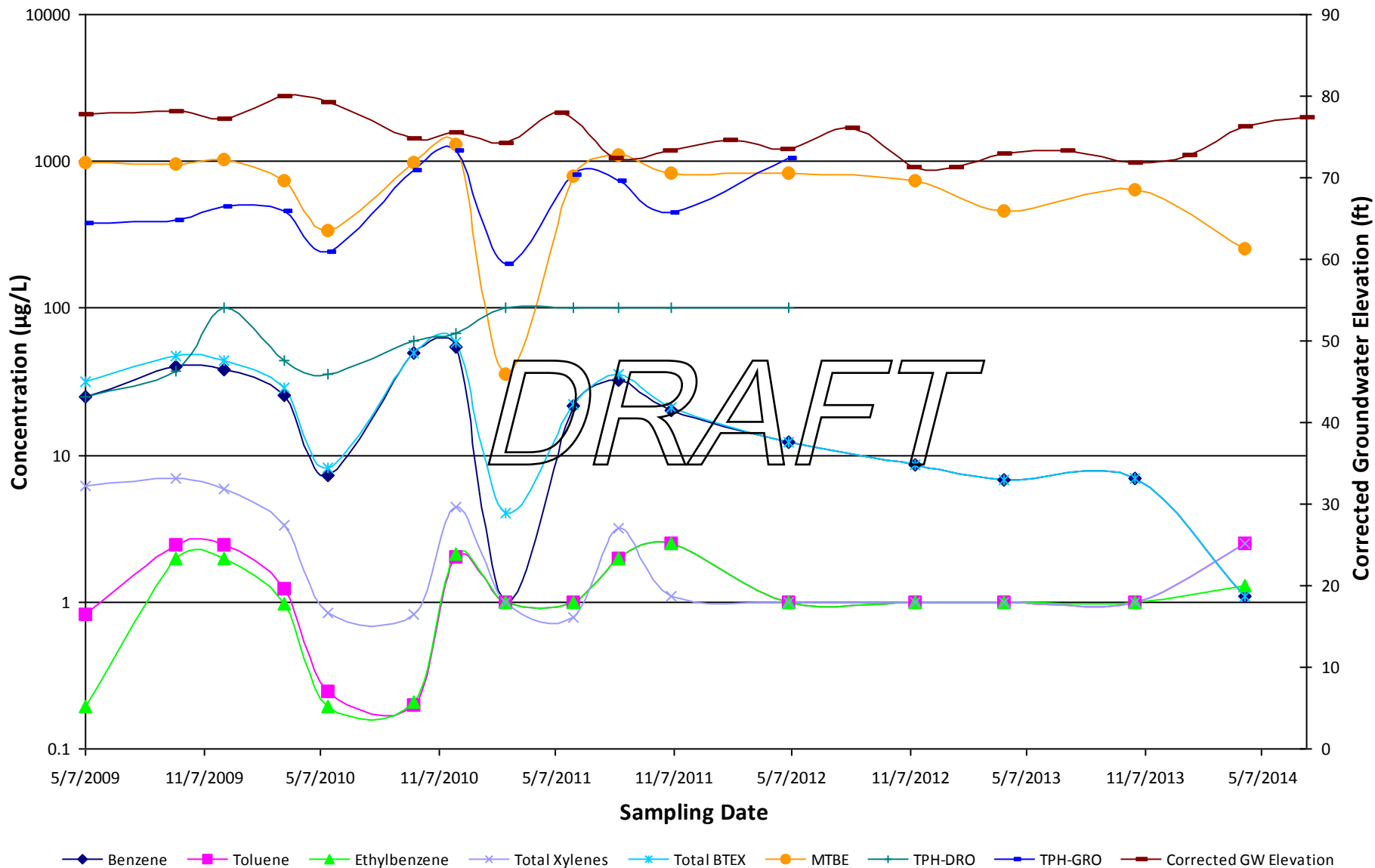
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-16S



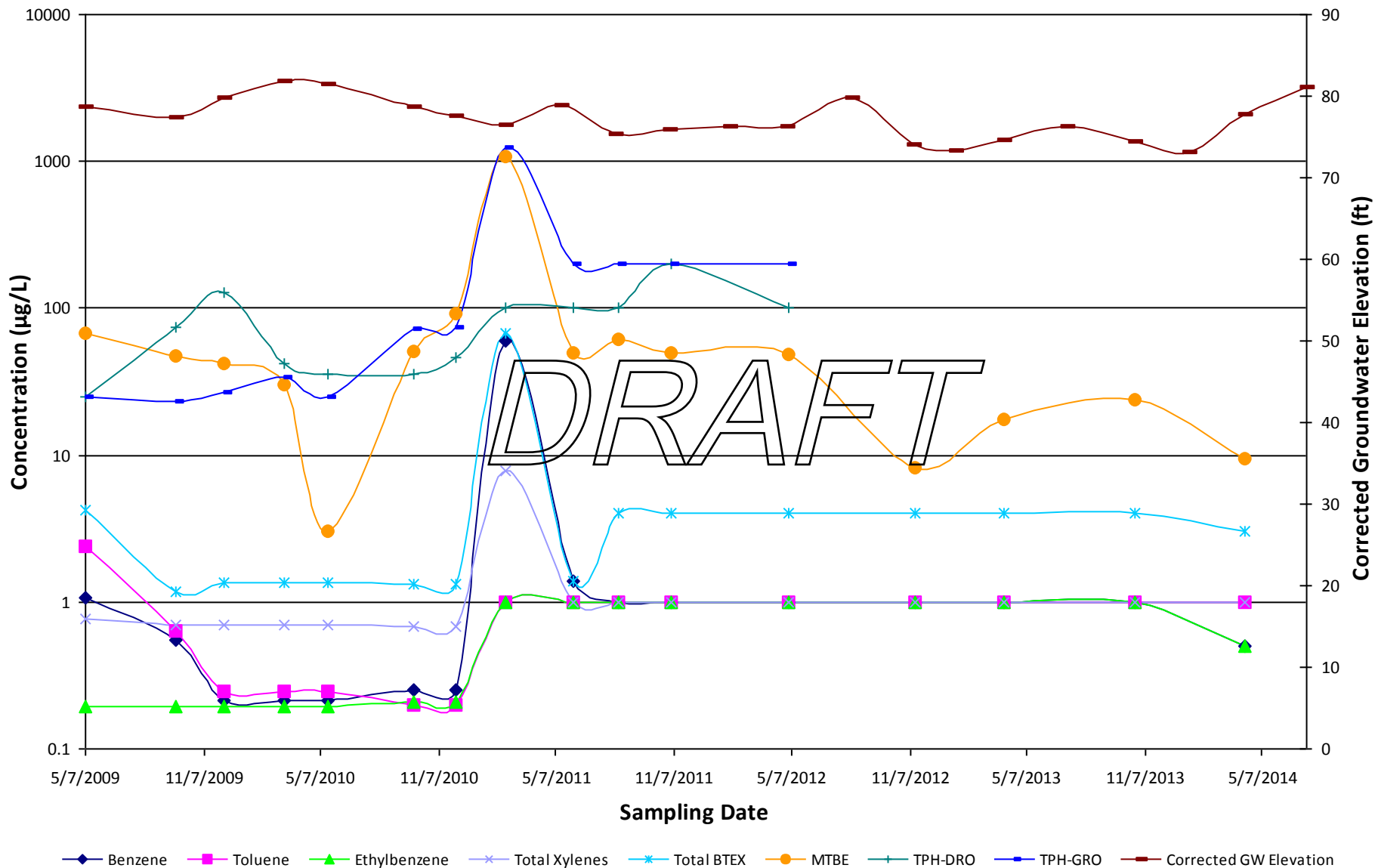
**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-17D**



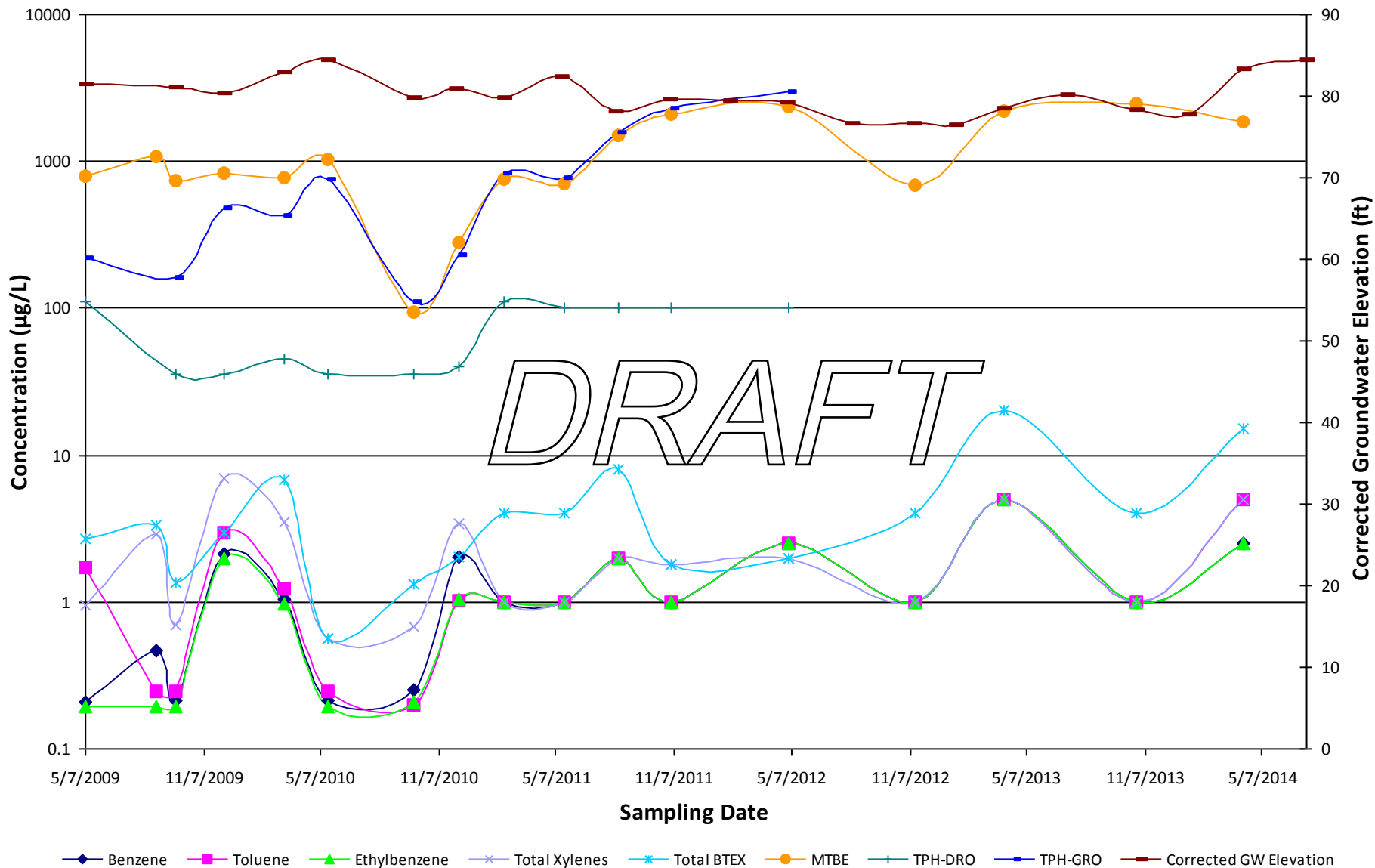
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-17S



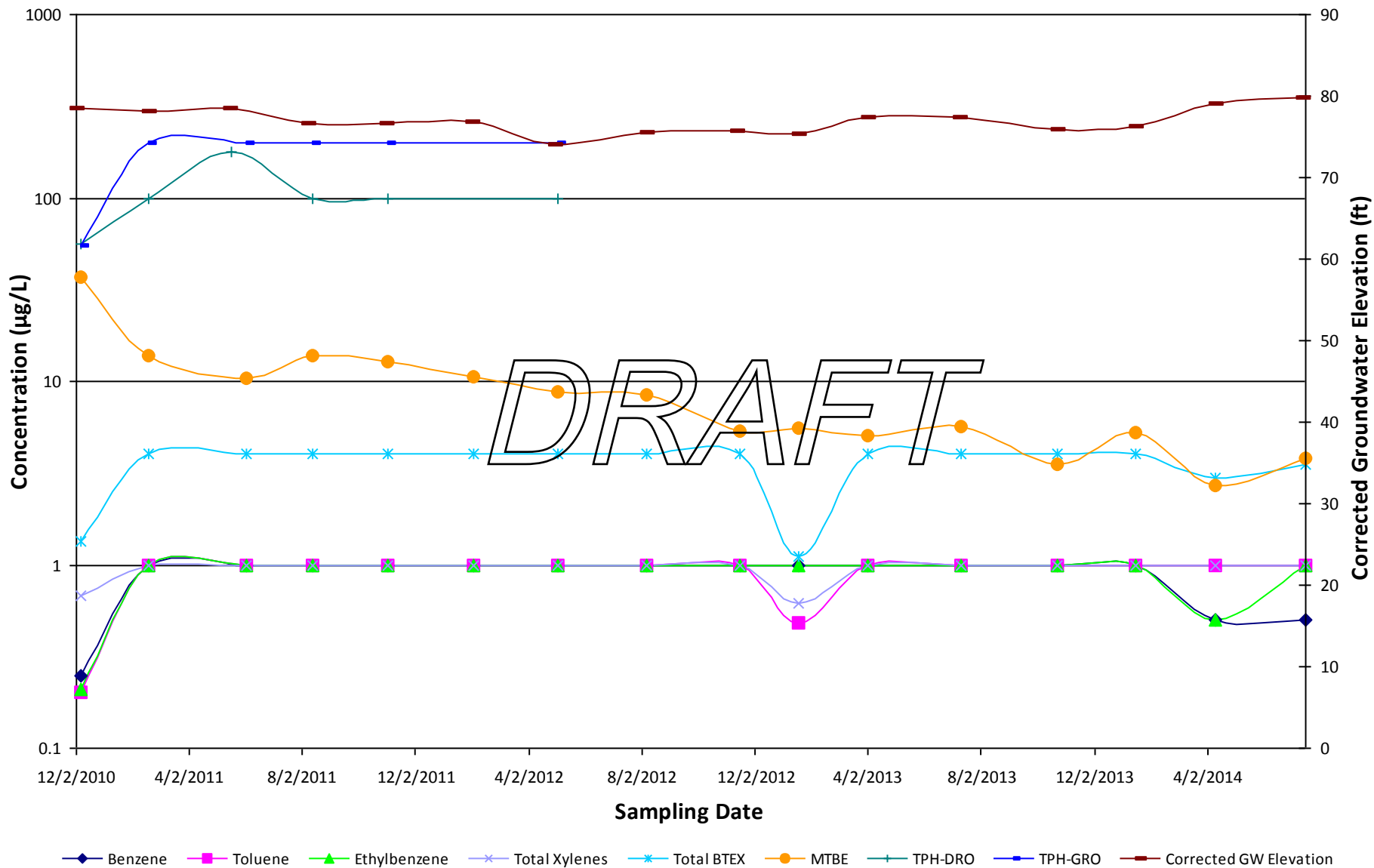
**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-17W**



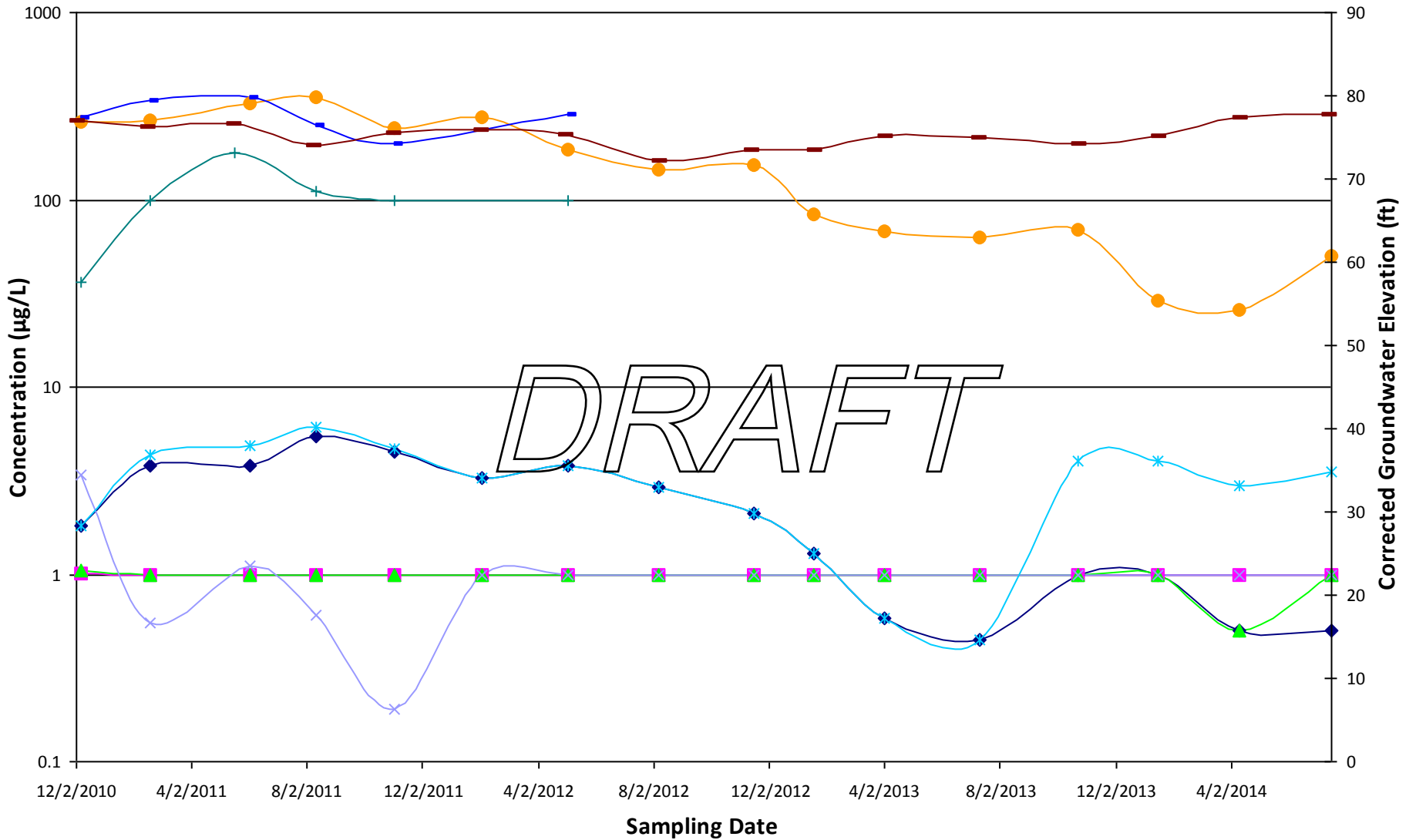
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-18



Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-24D

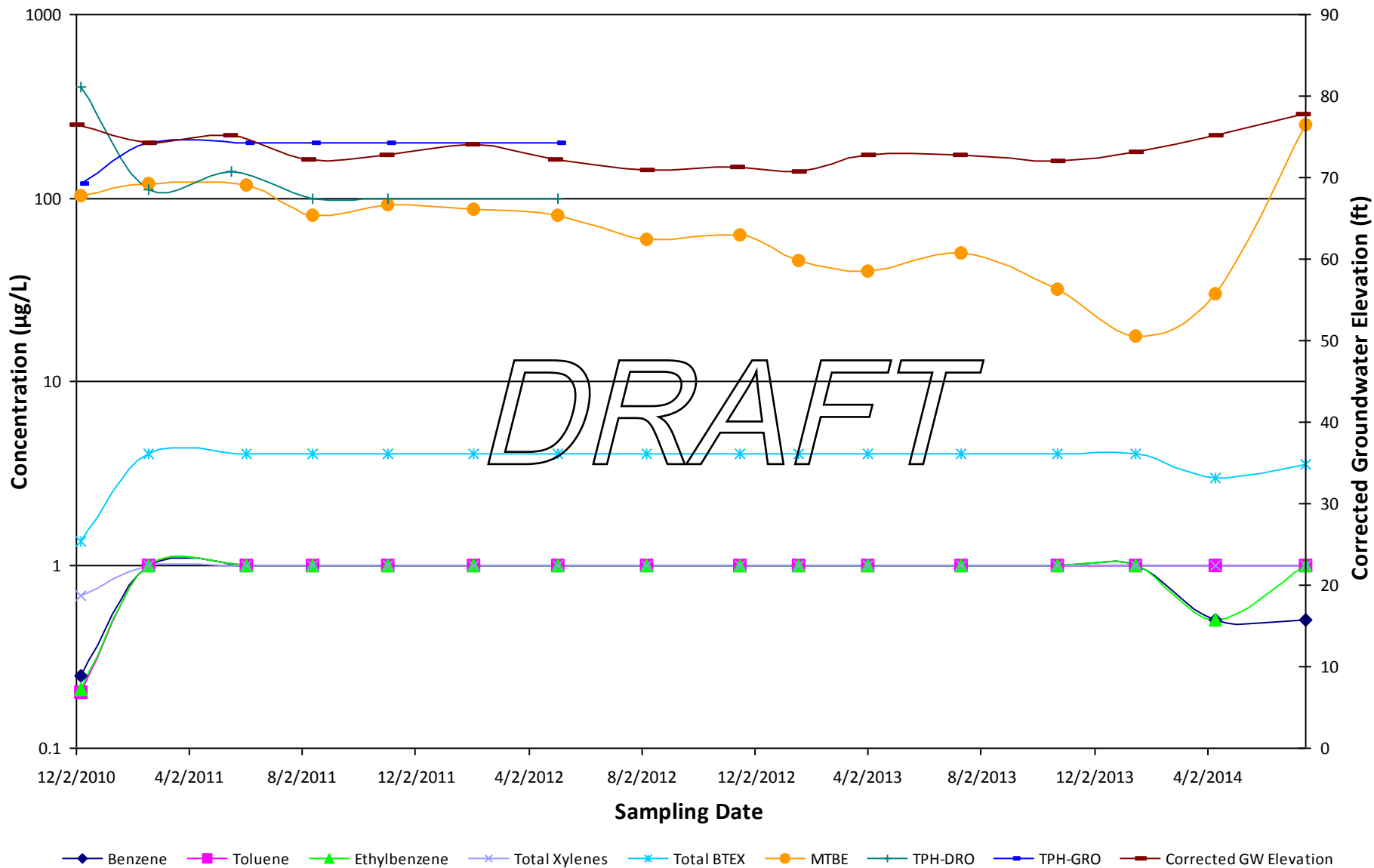


Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-24S

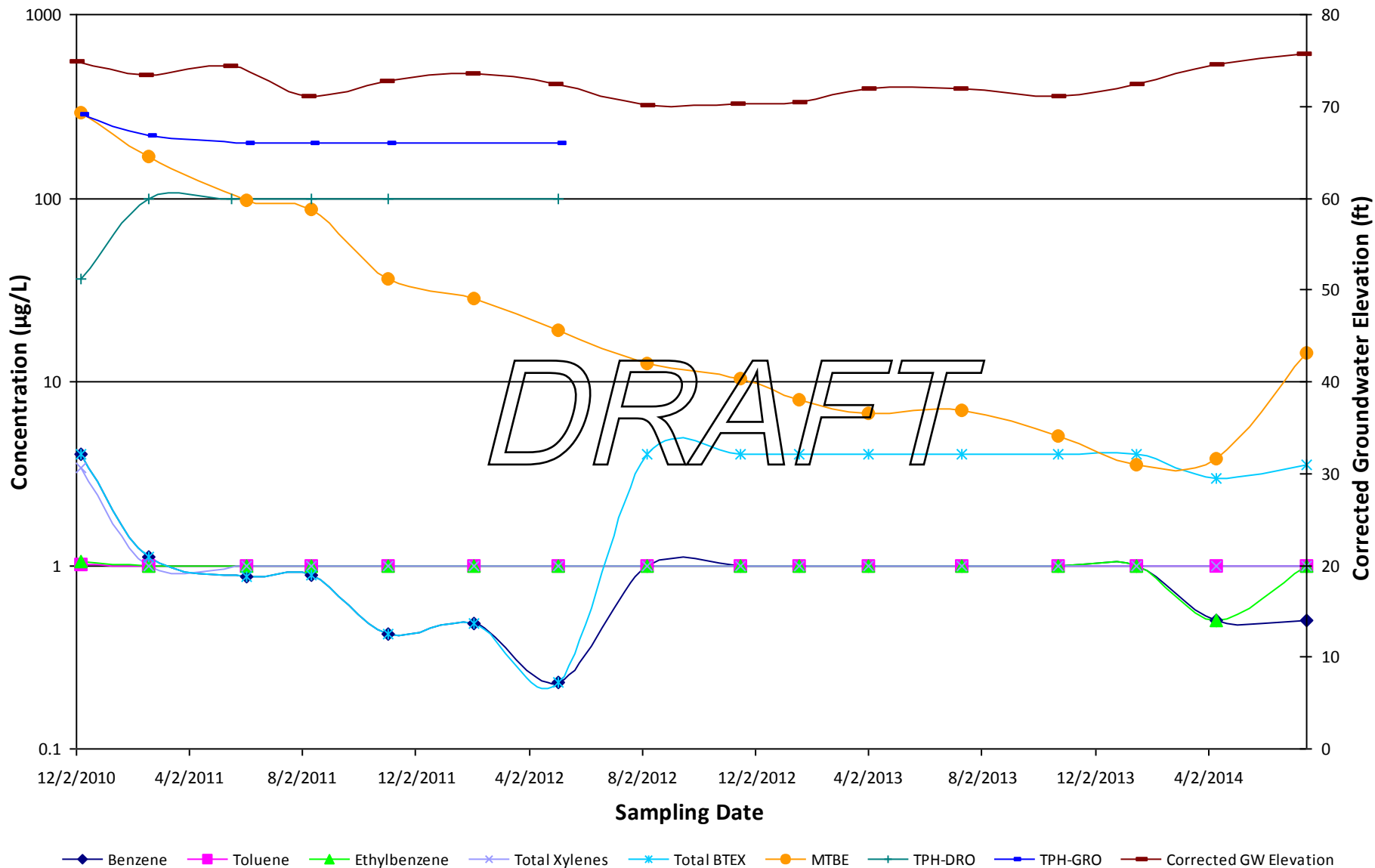


◆ Benzene
 ■ Toluene
 ▲ Ethylbenzene
 × Total Xylenes
 ✱ Total BTEX
 ● MTBE
 + TPH-DRO
 ■ TPH-GRO
 ■ Corrected GW Elevation

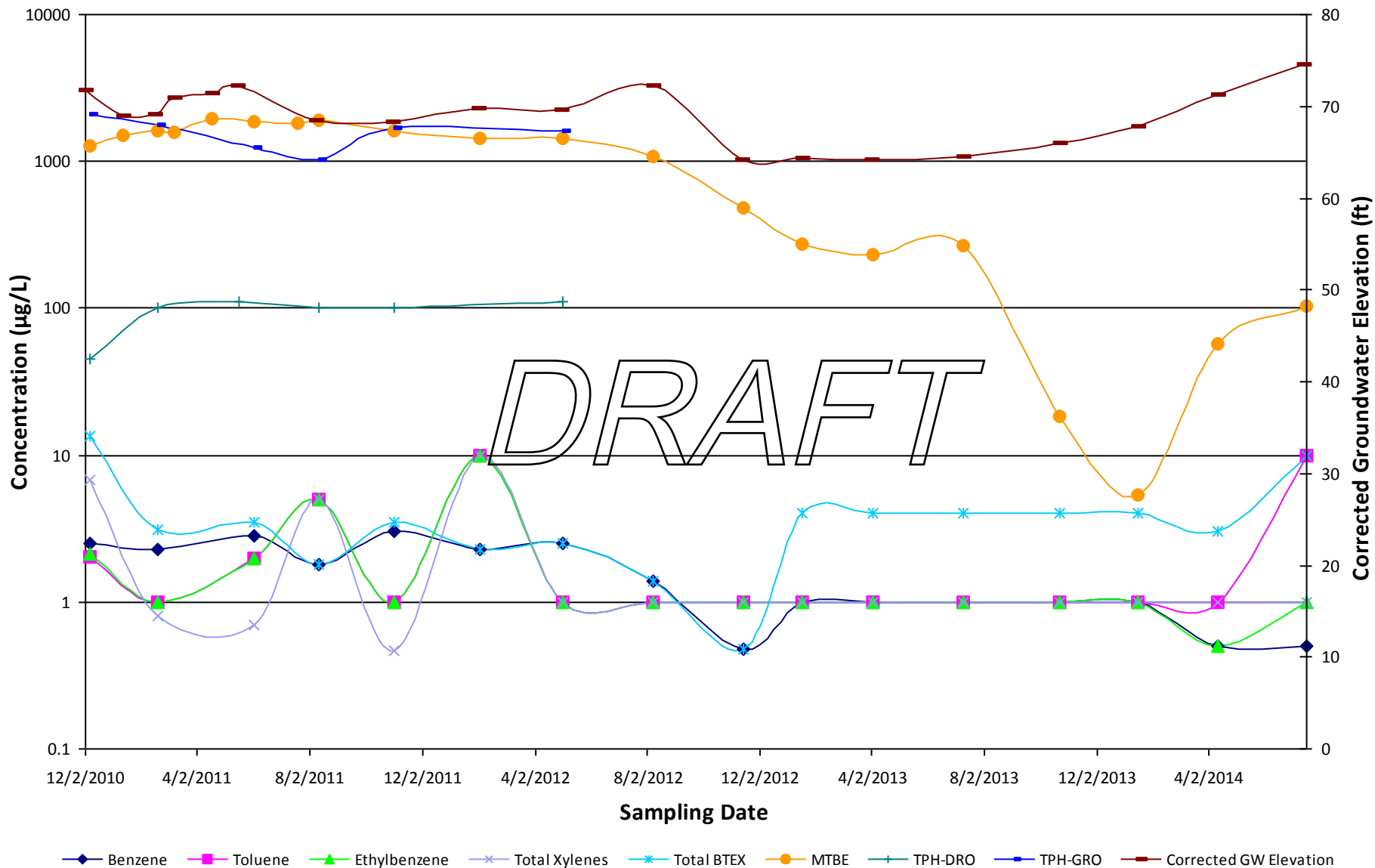
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-25D



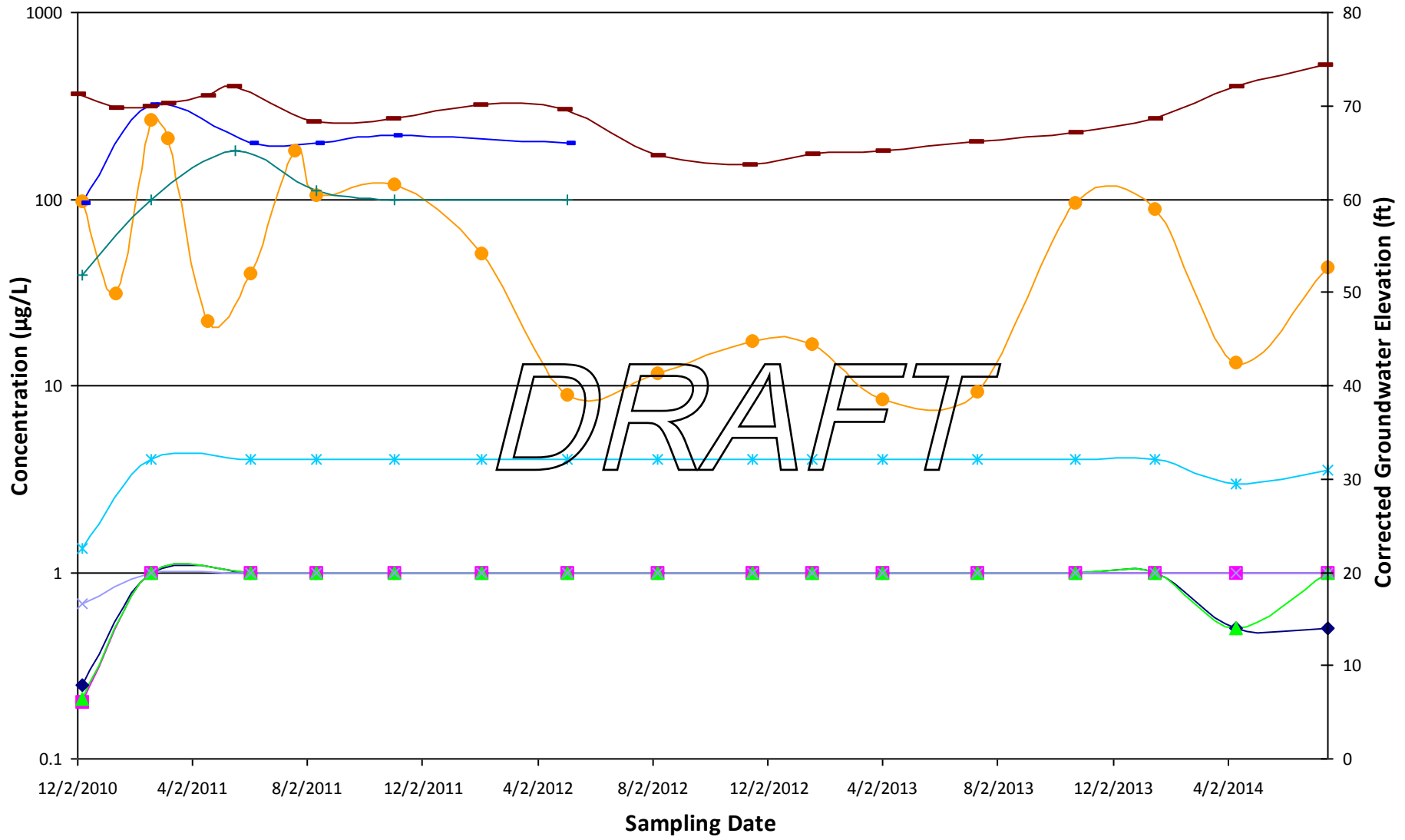
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-25S



**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-26D**

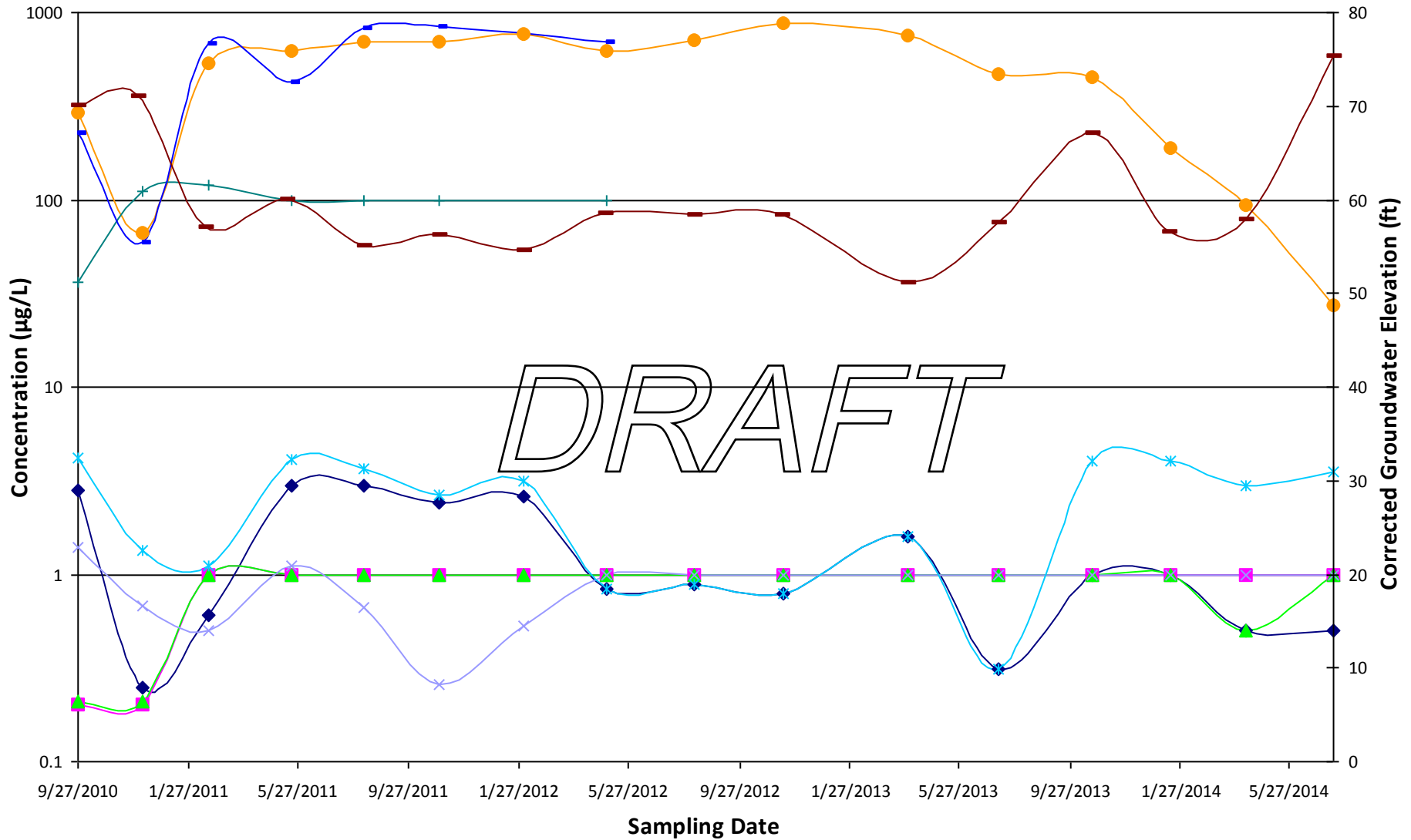


Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
MW-26S



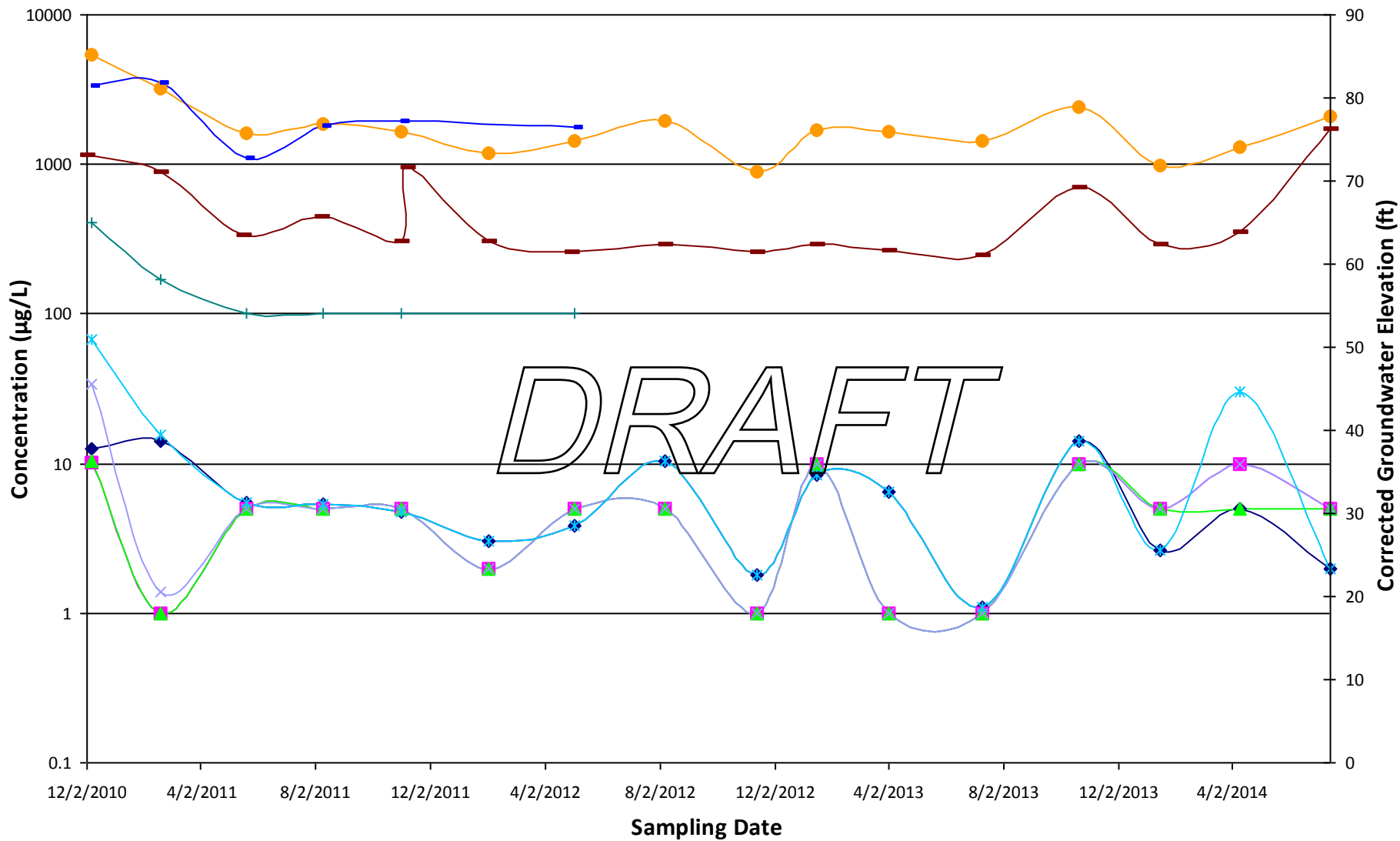
◆ Benzene
 ■ Toluene
 ▲ Ethylbenzene
 × Total Xylenes
 * Total BTEX
 ● MTBE
 + TPH-DRO
 — TPH-GRO
 — Corrected GW Elevation

Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
RW-19/RW-19A



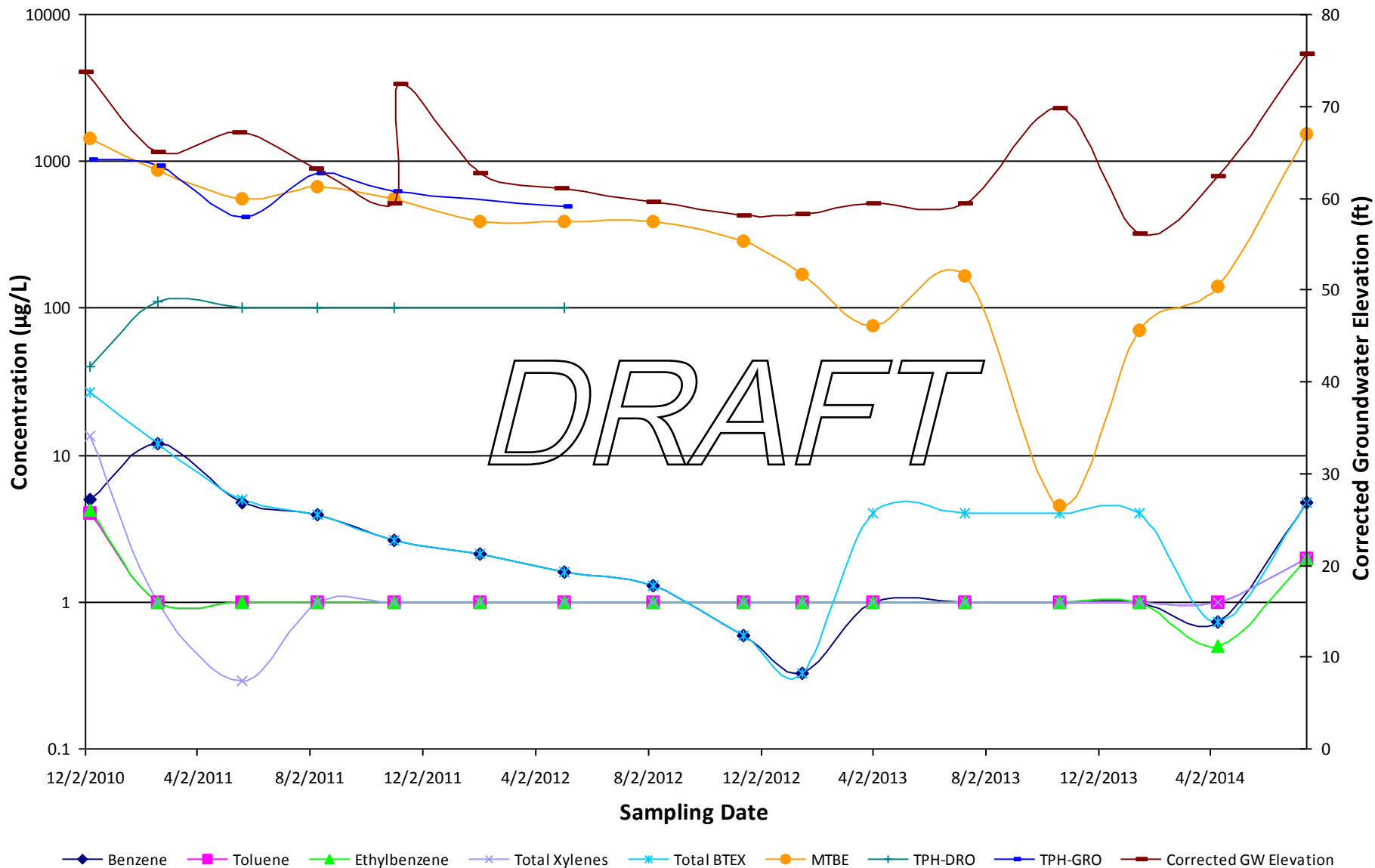
◆ Benzene
 ■ Toluene
 ▲ Ethylbenzene
 × Total Xylenes
 * Total BTEX
 ● MTBE
 + TPH-DRO
 ■ TPH-GRO
 ■ Corrected GW Elevation

**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
RW-20**

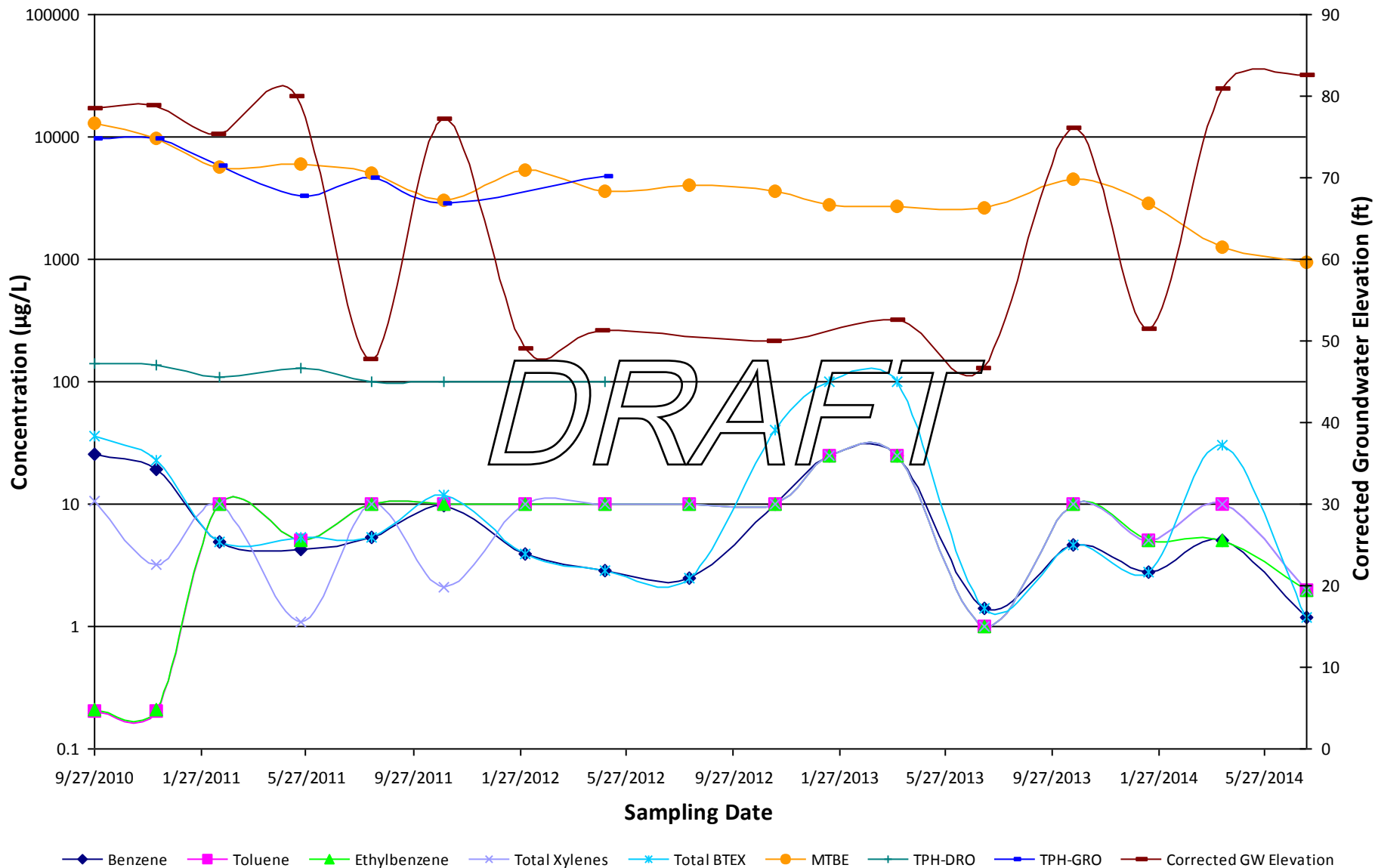


◆ Benzene
 ■ Toluene
 ▲ Ethylbenzene
 × Total Xylenes
 * Total BTEX
 ● MTBE
 + TPH-DRO
 ■ TPH-GRO
 ■ Corrected GW Elevation

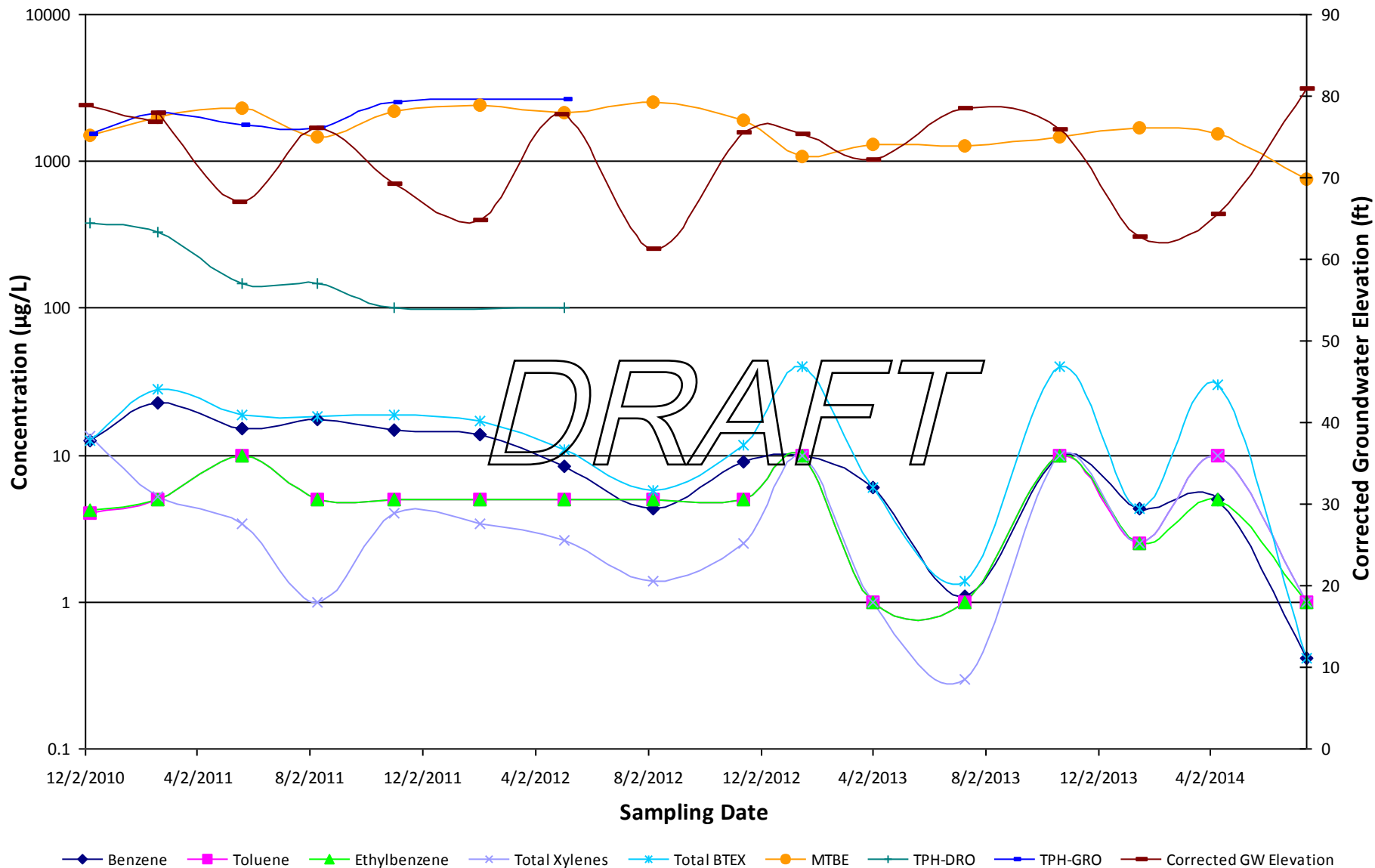
**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
RW-21**



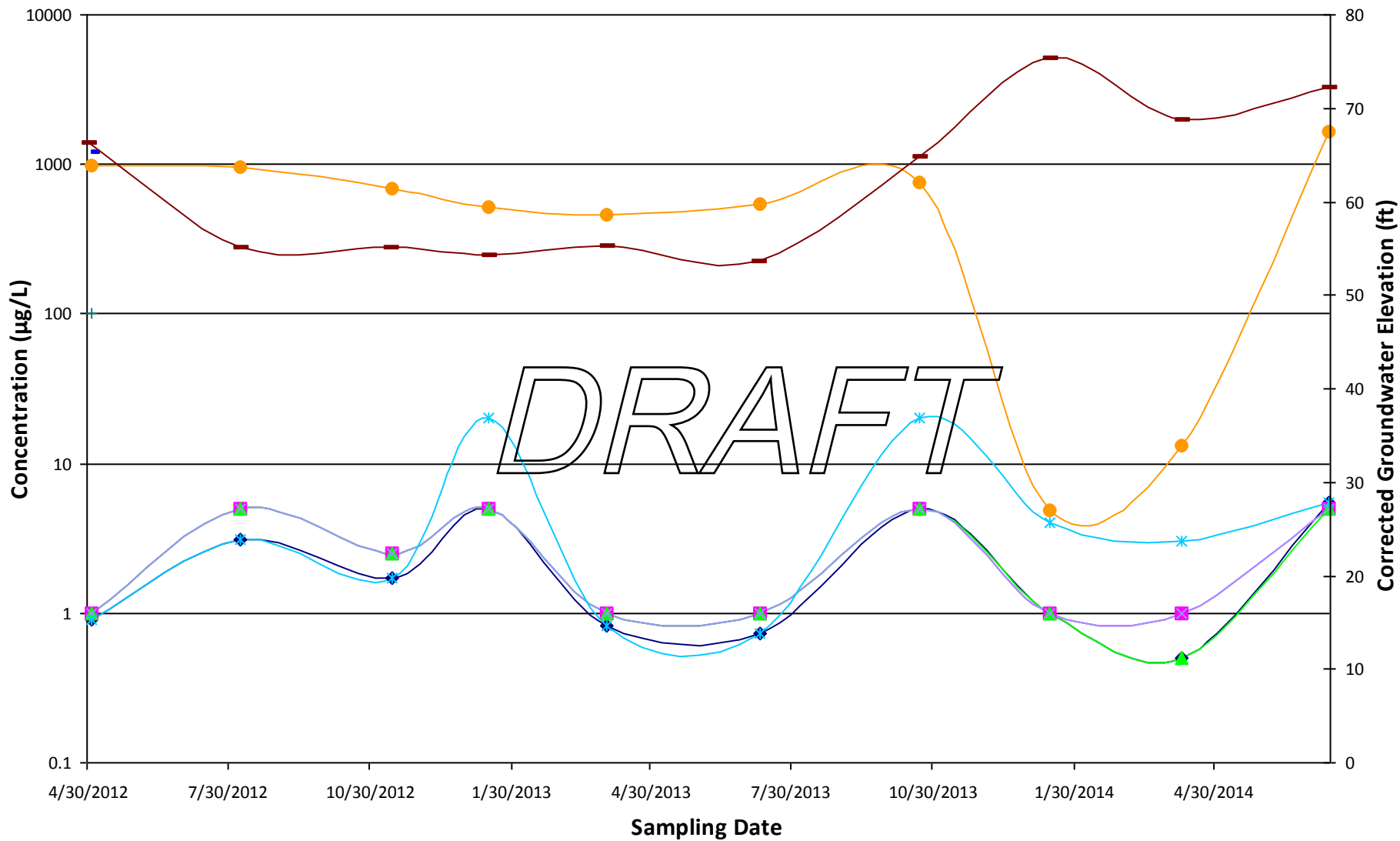
**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
RW-22**



Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
RW-23



**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
RW-27**



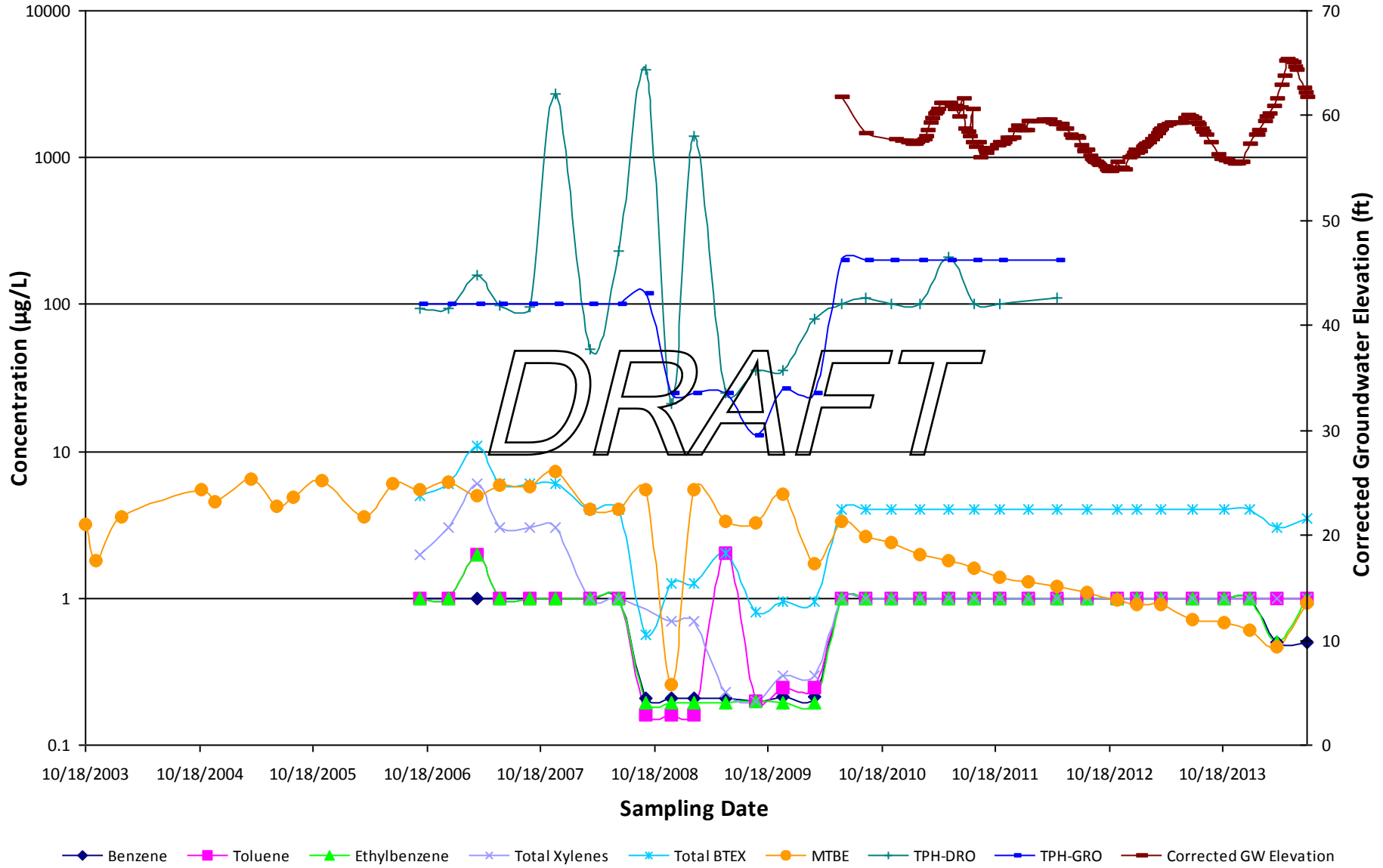
◆ Benzene ■ Toluene ▲ Ethylbenzene × Total Xylenes * Total BTEX ● MTBE + TPH-DRO ◆ TPH-GRO — Corrected GW Elevation

Offsite Groundwater Concentration Trends

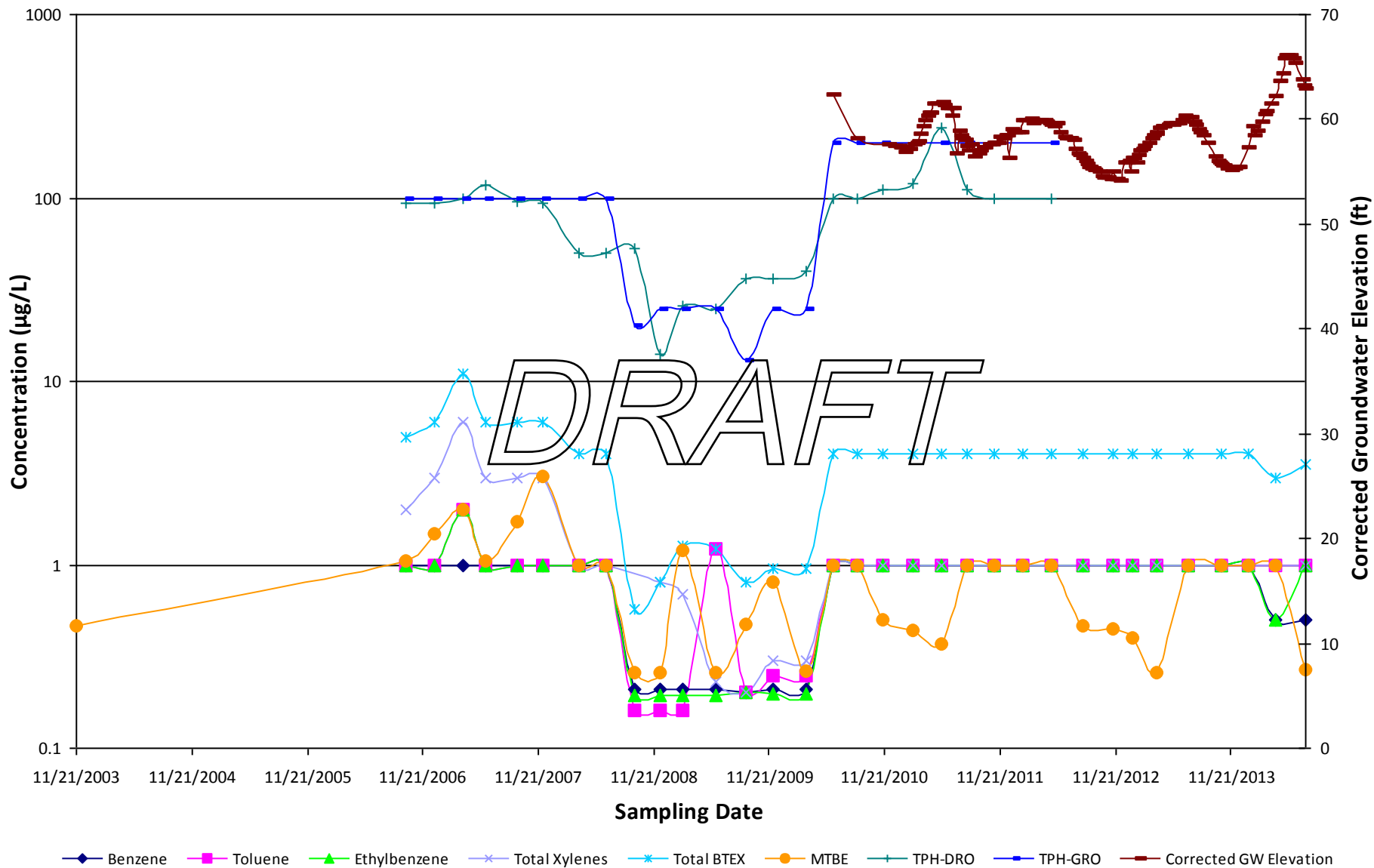
DRAFT

Greater than 640 feet from the Site

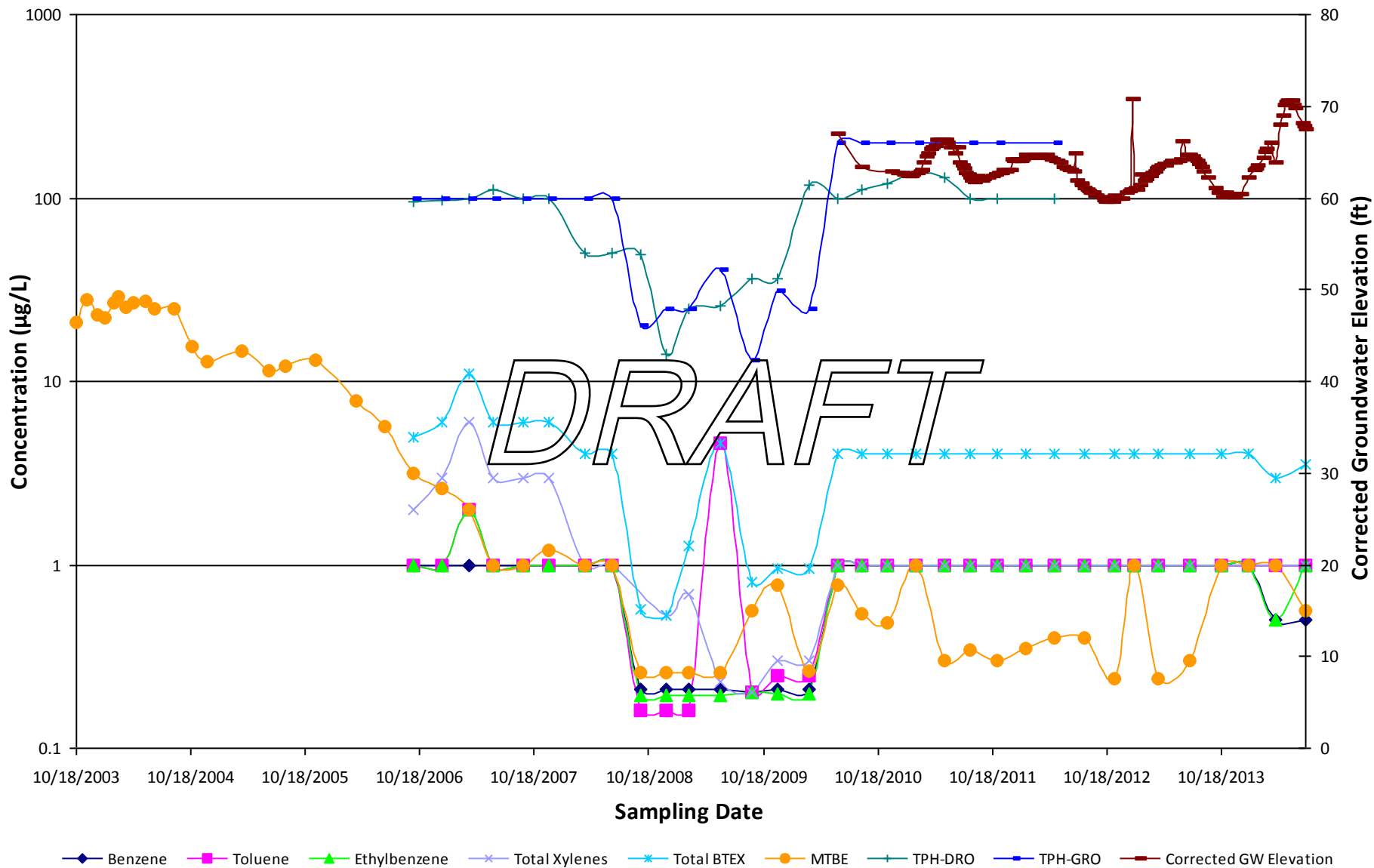
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
710 BNR



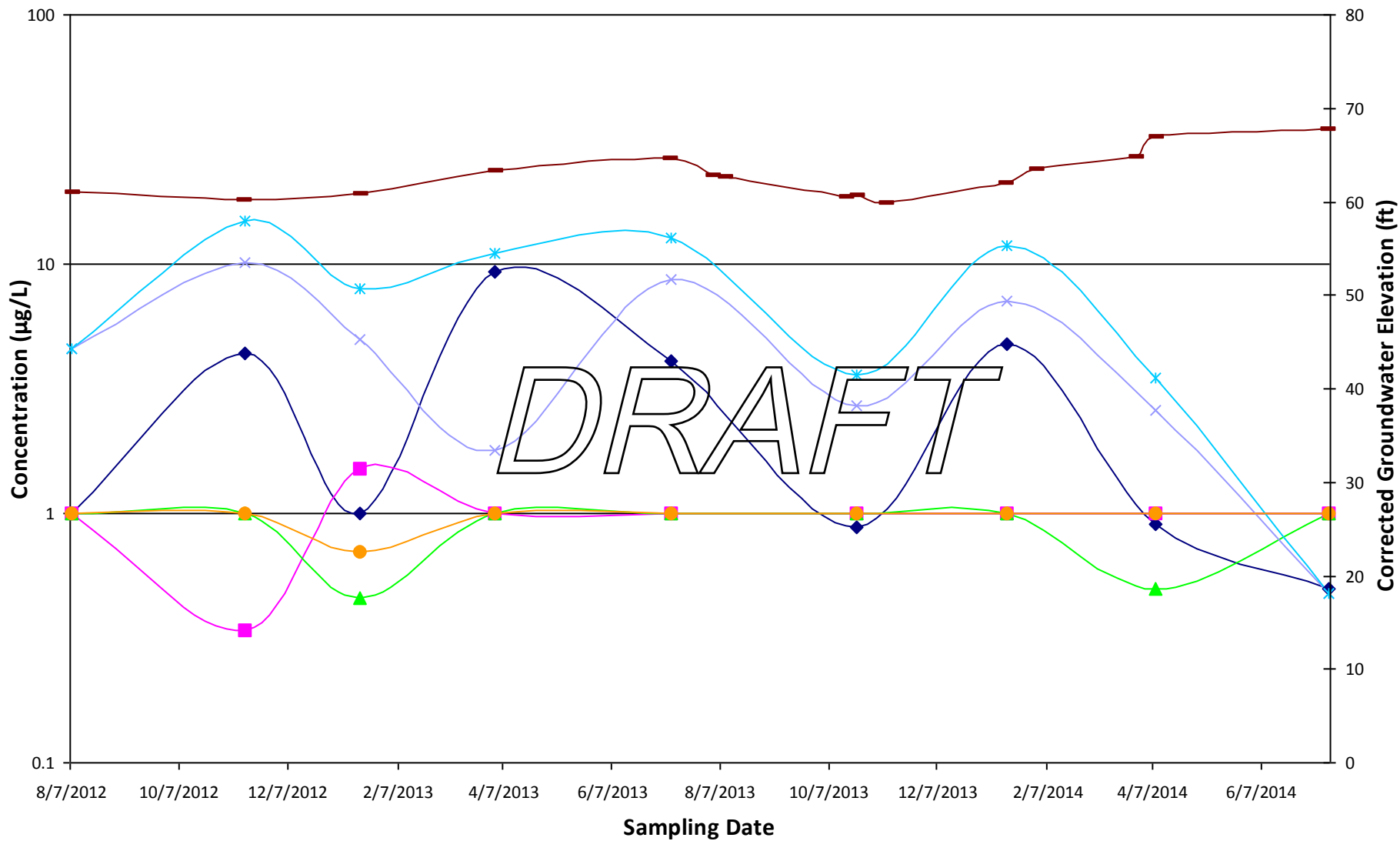
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
711 BNR



*Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
720 BNR*

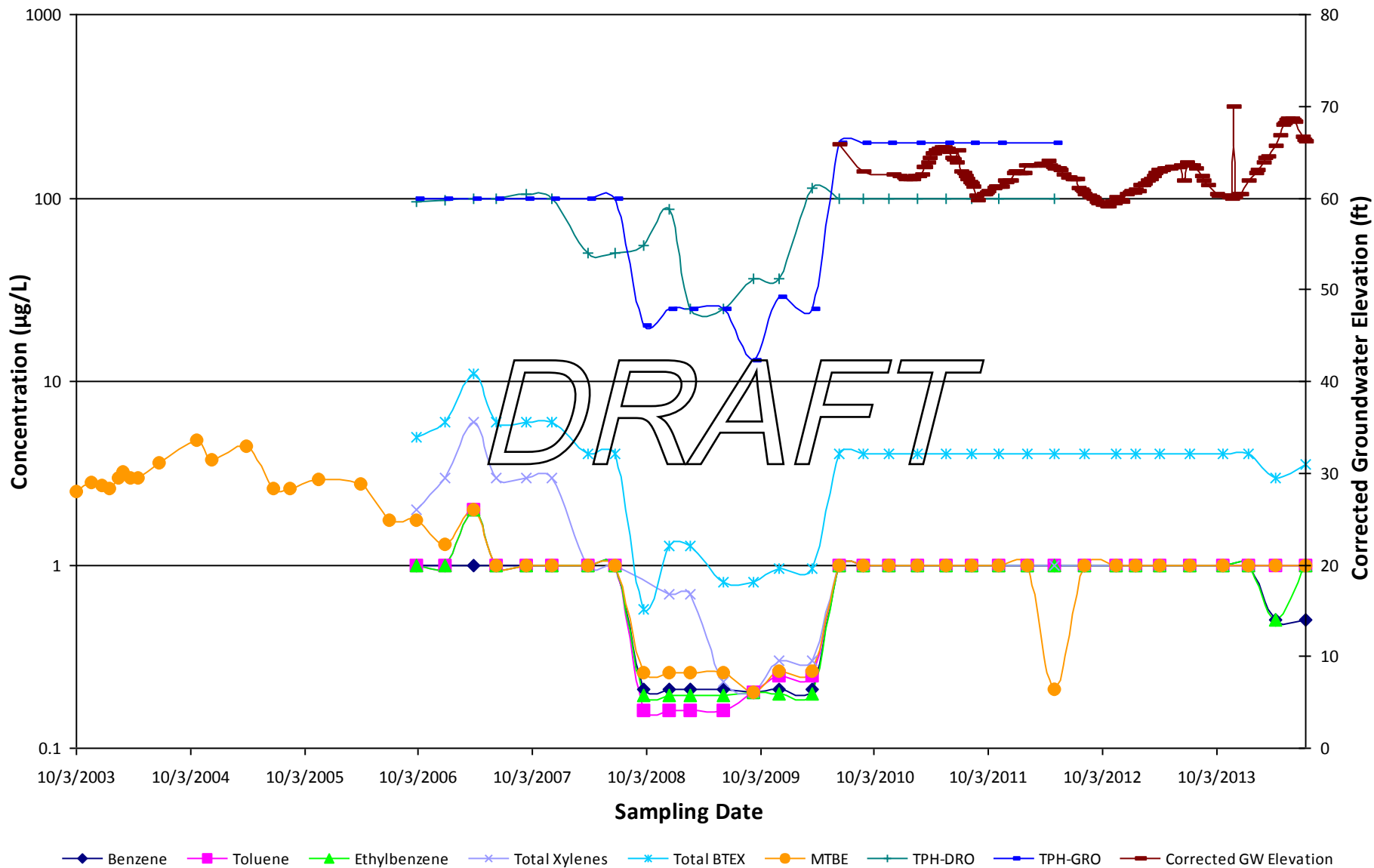


Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
721 BND

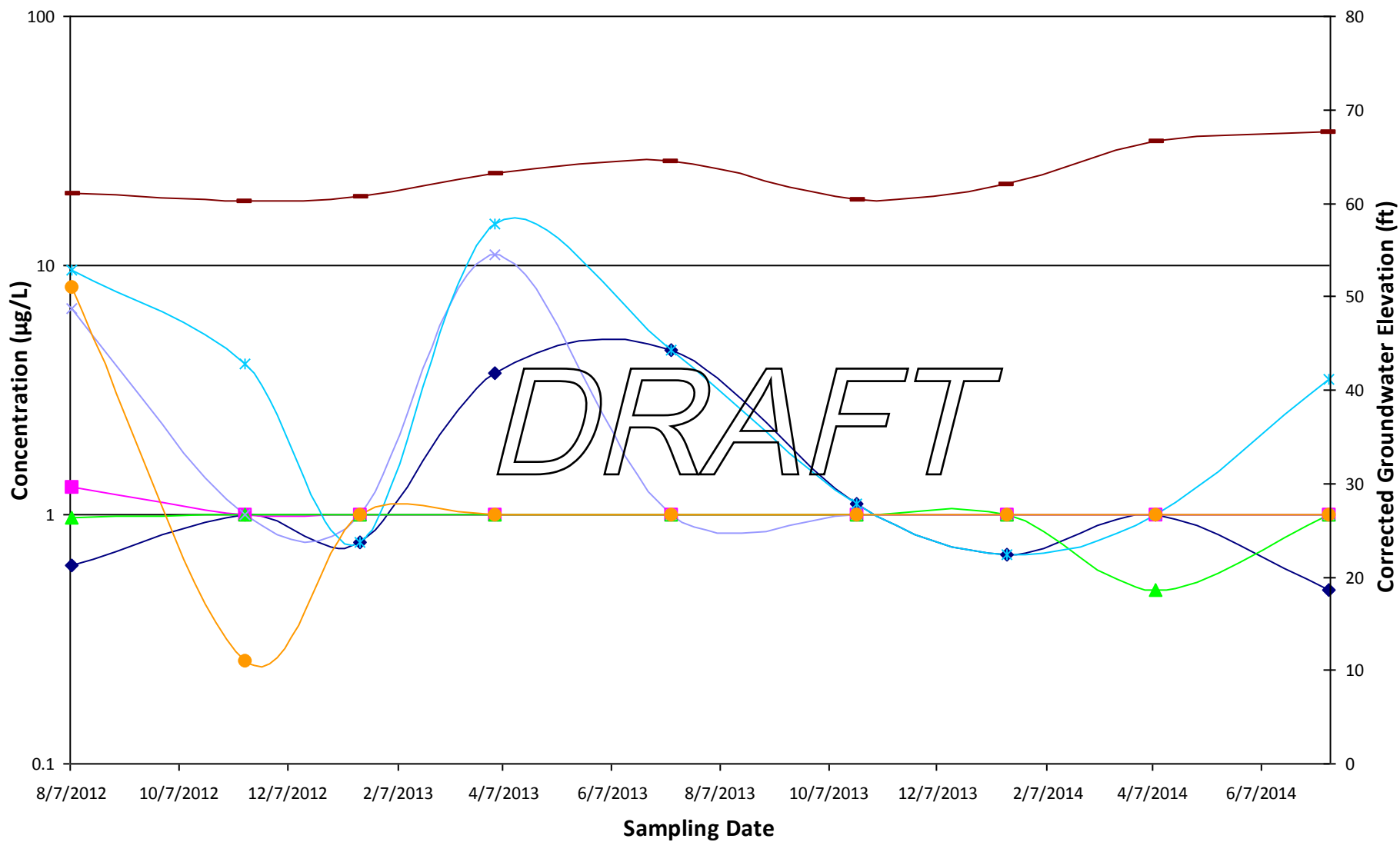


◆ Benzene
 ■ Toluene
 ▲ Ethylbenzene
 × Total Xylenes
 * Total BTEX
 ● MTBE
 + TPH-DRO
 ■ TPH-GRO
 — Corrected GW Elevation

Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
721 BNR



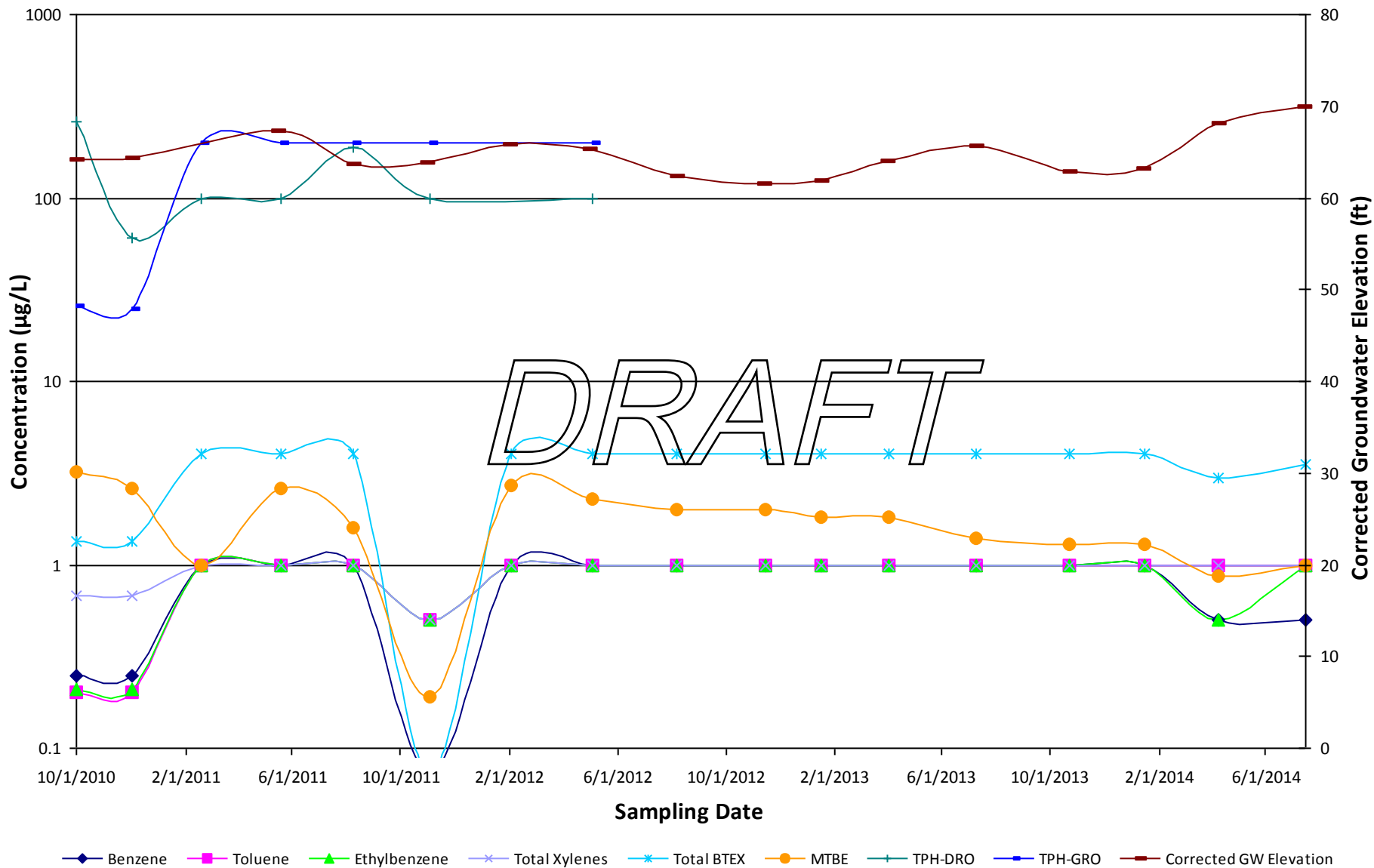
Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
721 BNS



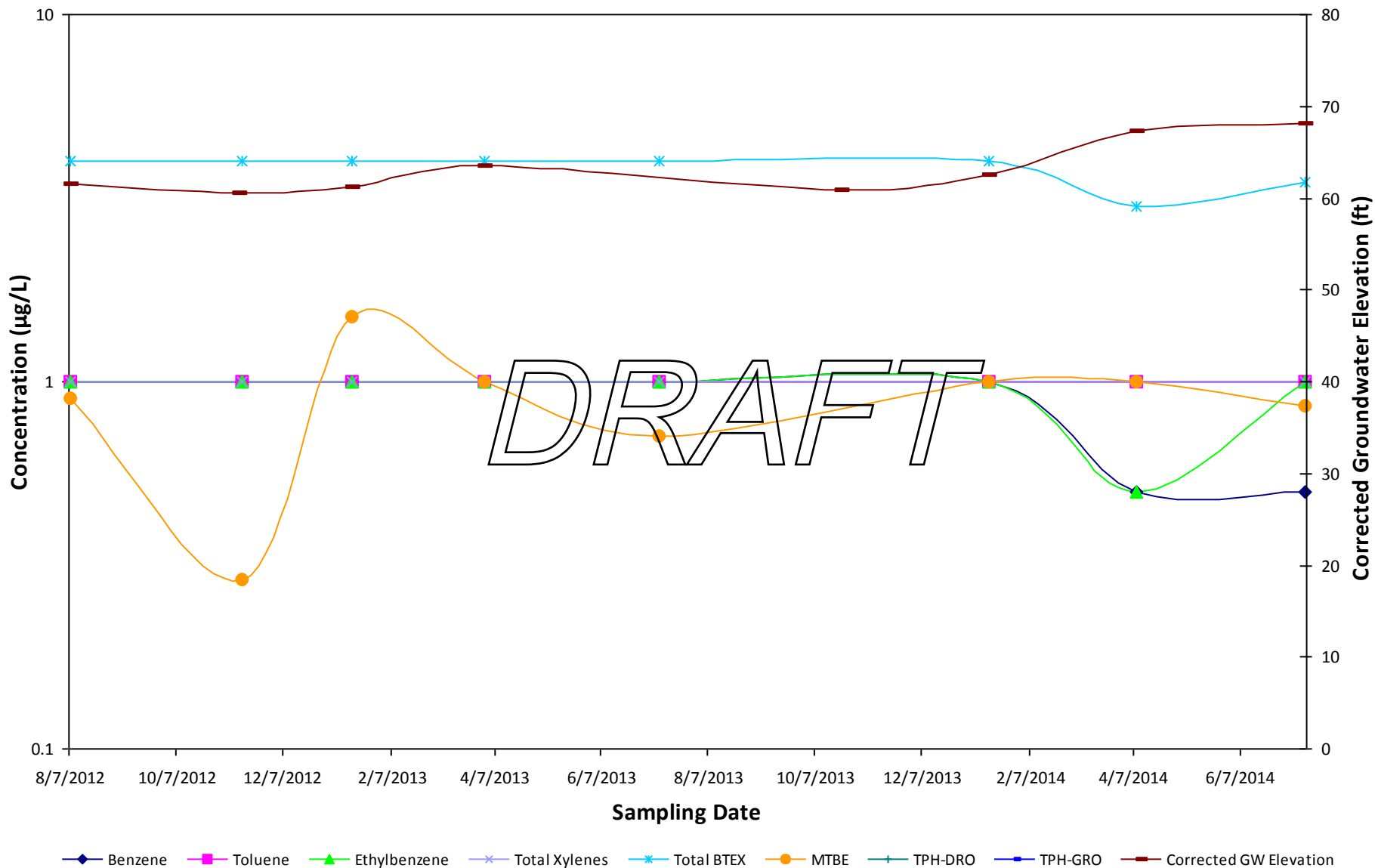
DRAFT

◆ Benzene ■ Toluene ▲ Ethylbenzene ✕ Total Xylenes * Total BTEX ● MTBE + TPH-DRO ◆ TPH-GRO — Corrected GW Elevation

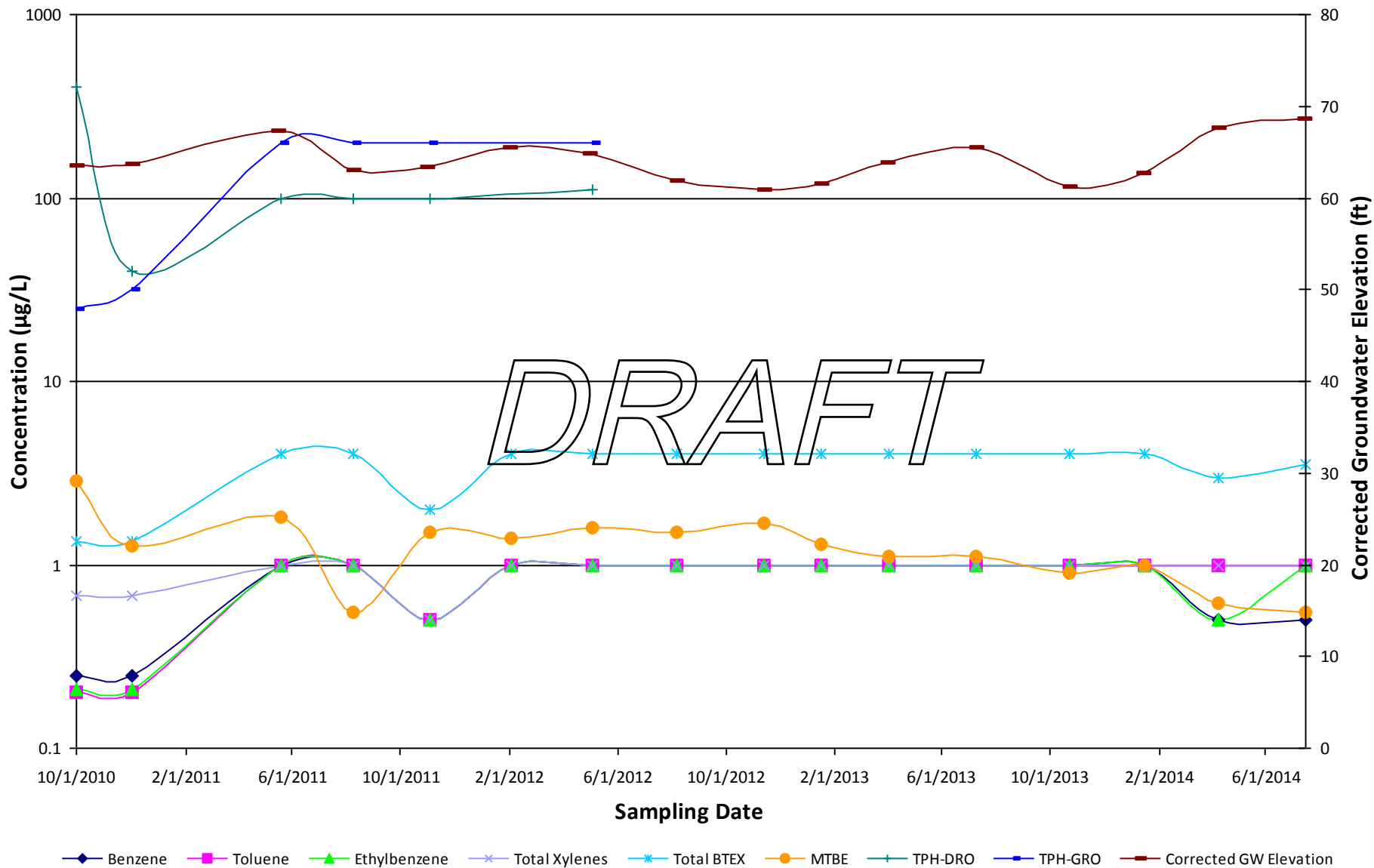
**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
730 BND**



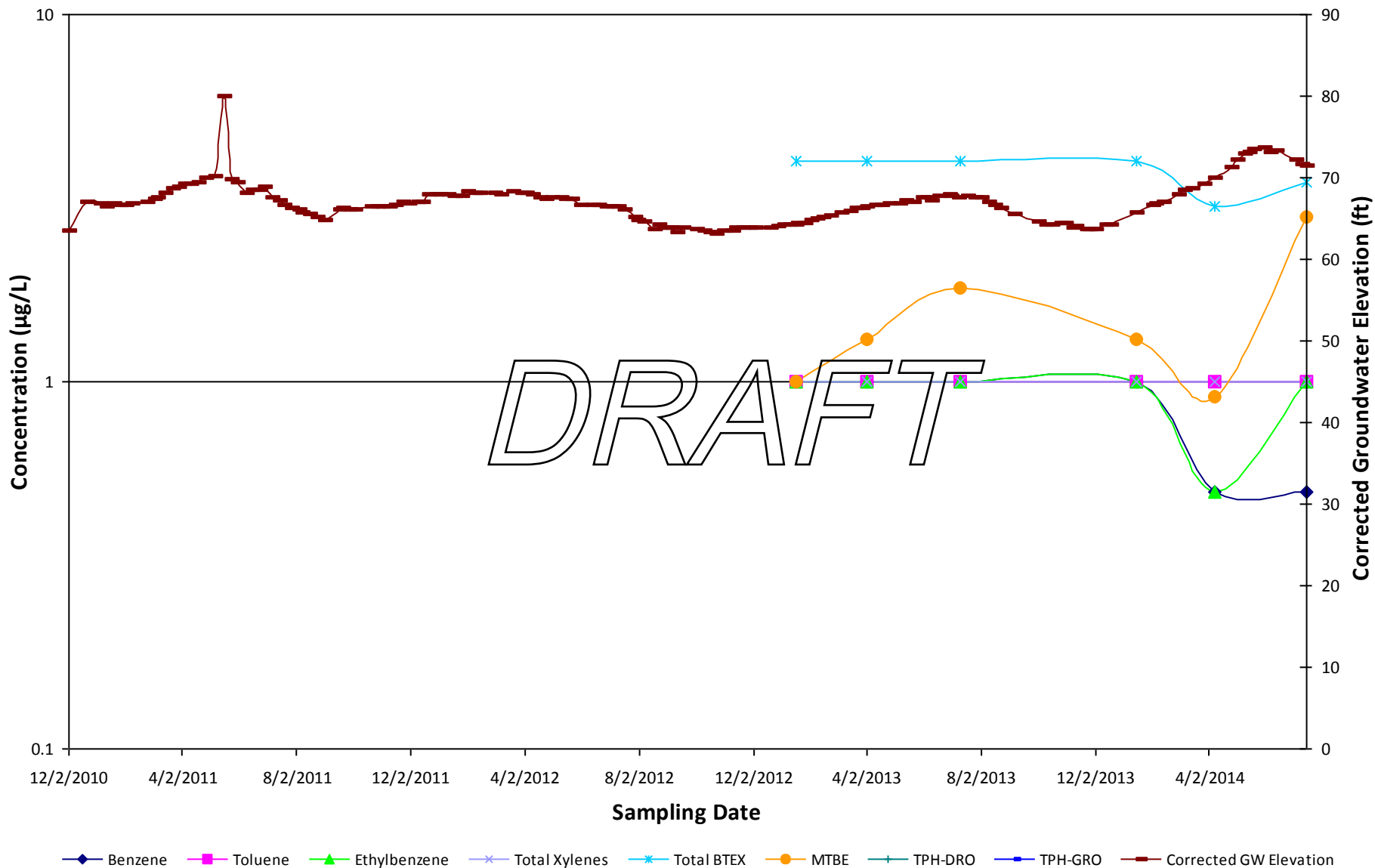
**Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
730 BNR**



*Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
730 BNS*

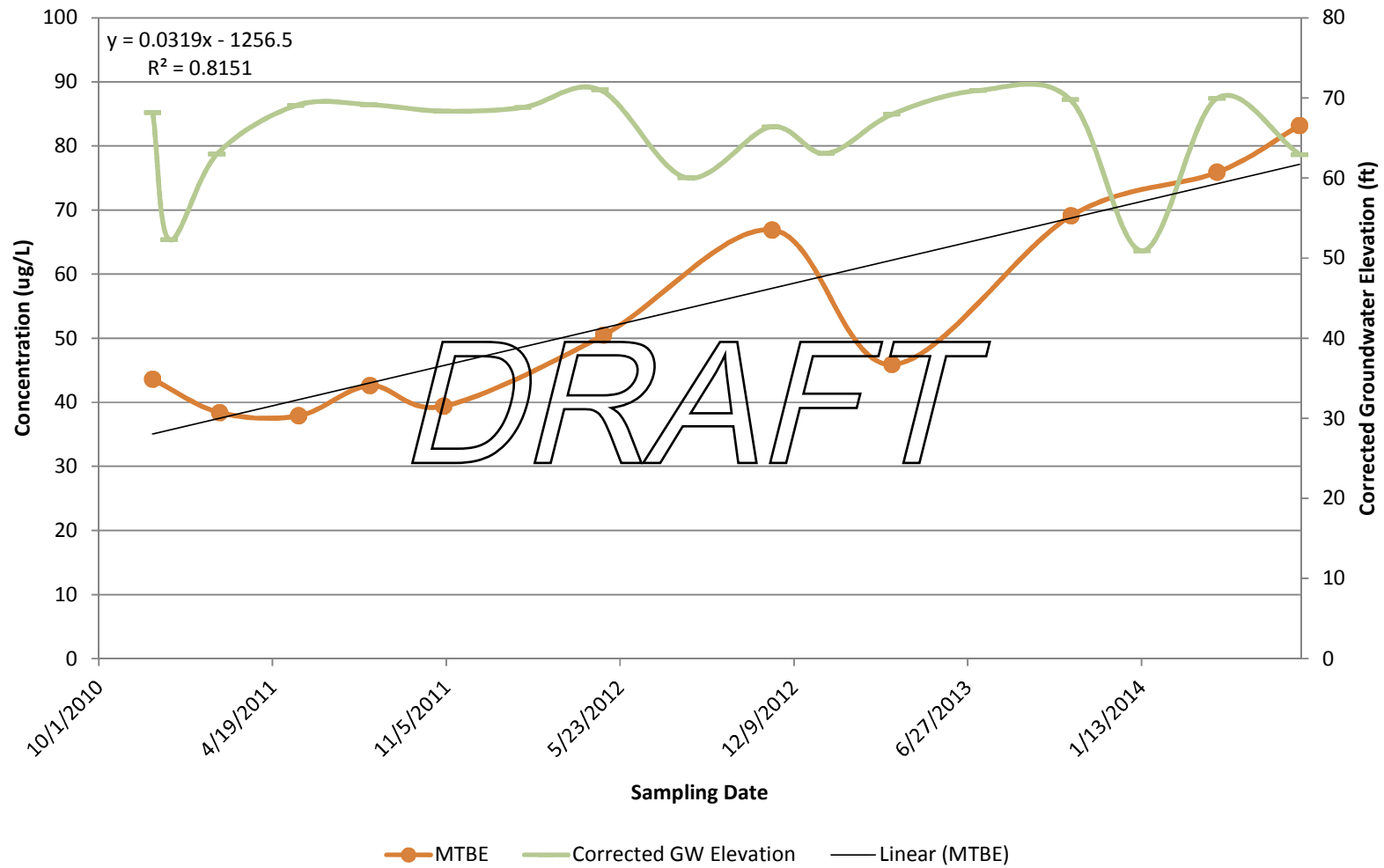


Historical Dissolved-Phase Concentrations
Former Shell Service Station #137675
740 BNR

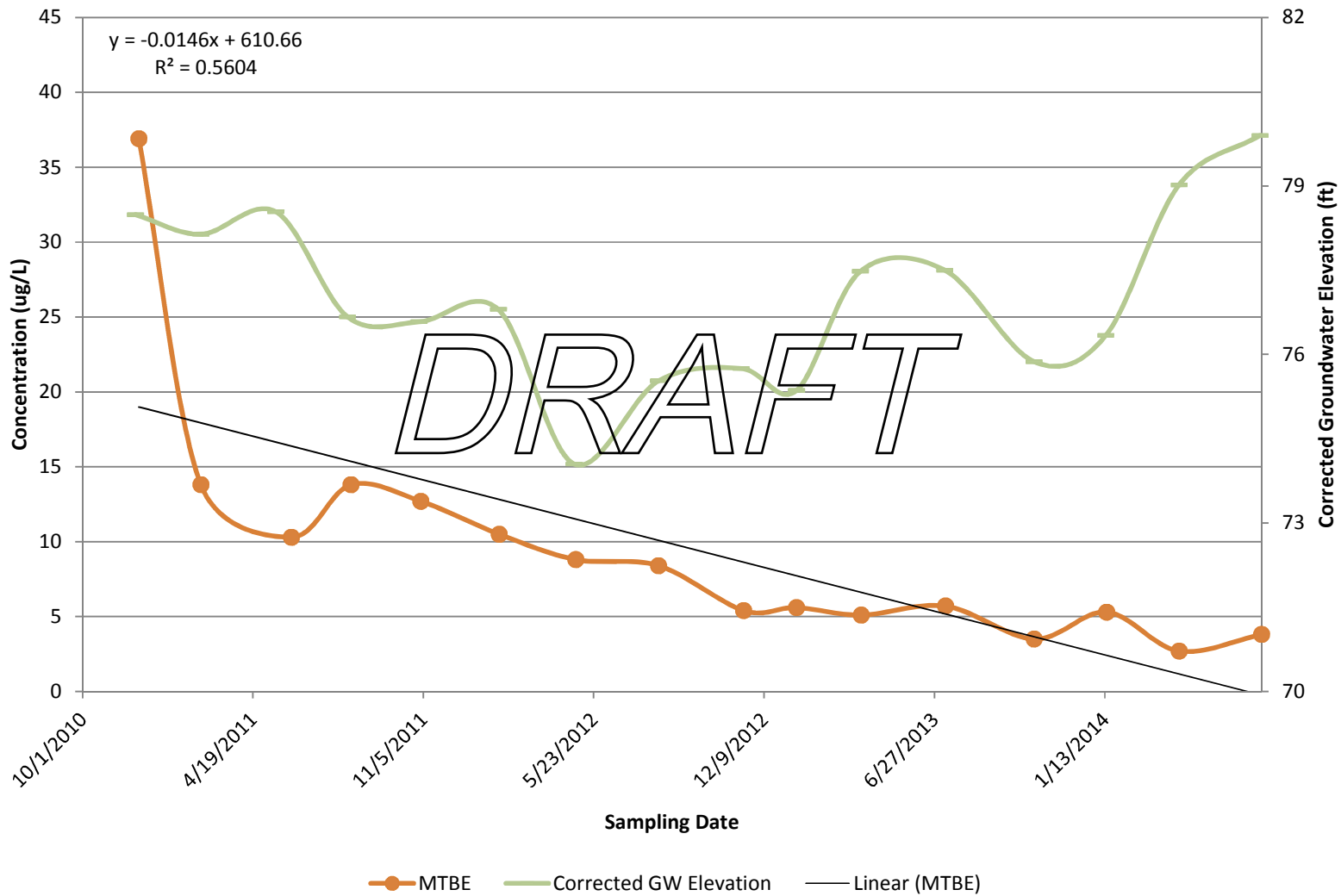


DRAFT
Appendix D
Historical Dissolved-Phase Concentration Graphs (MTBE)

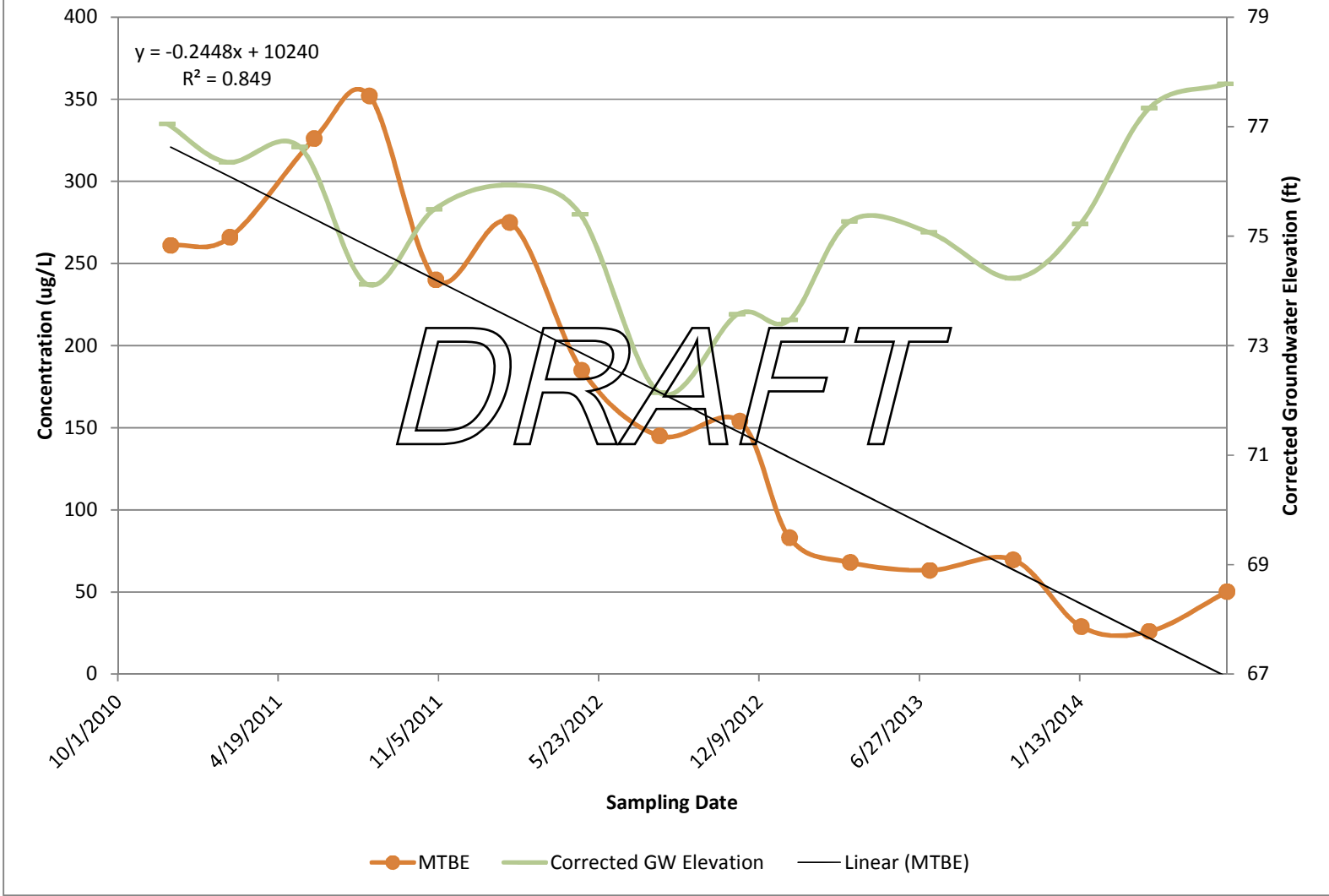
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
750 BNR



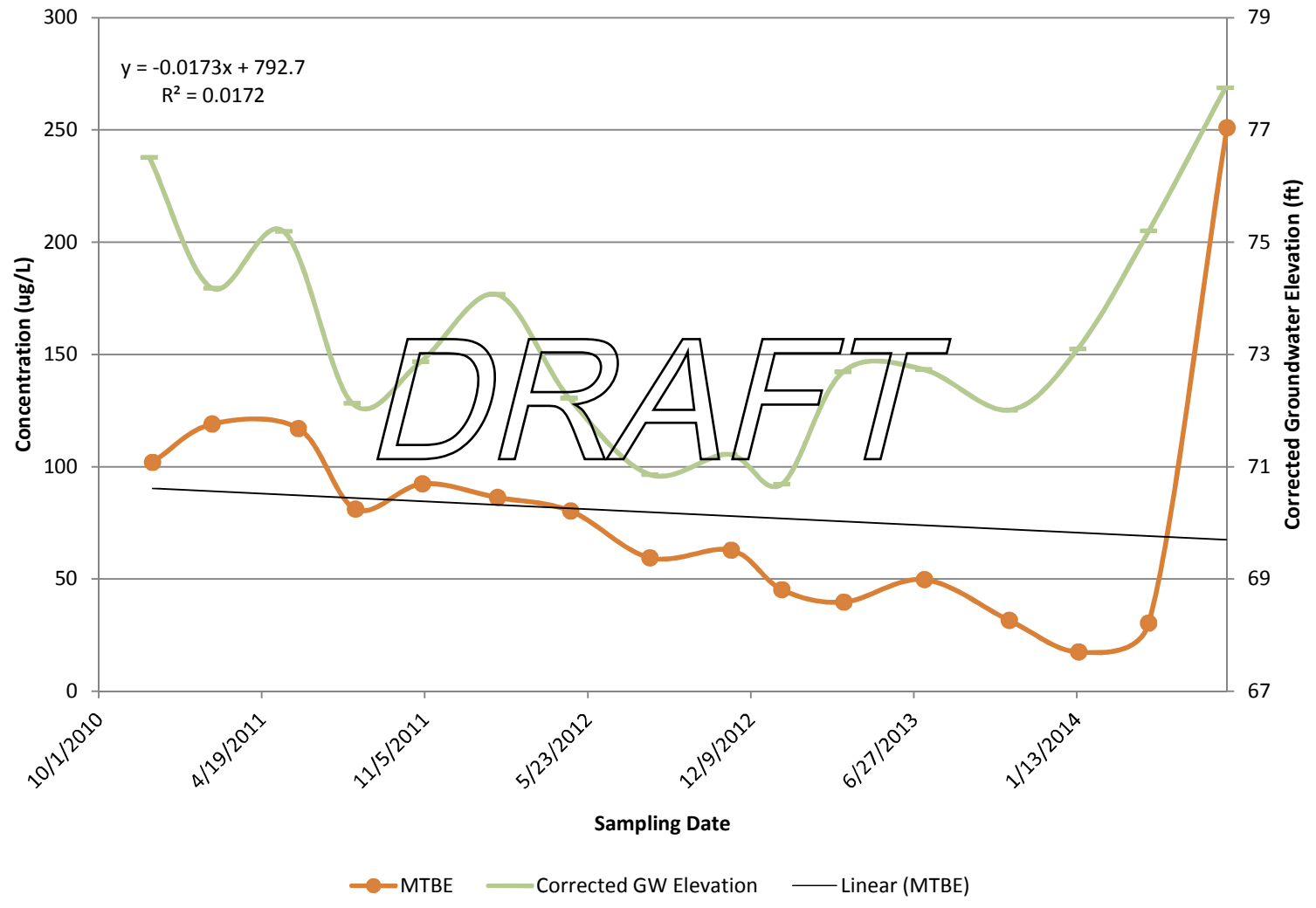
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
MW-24D



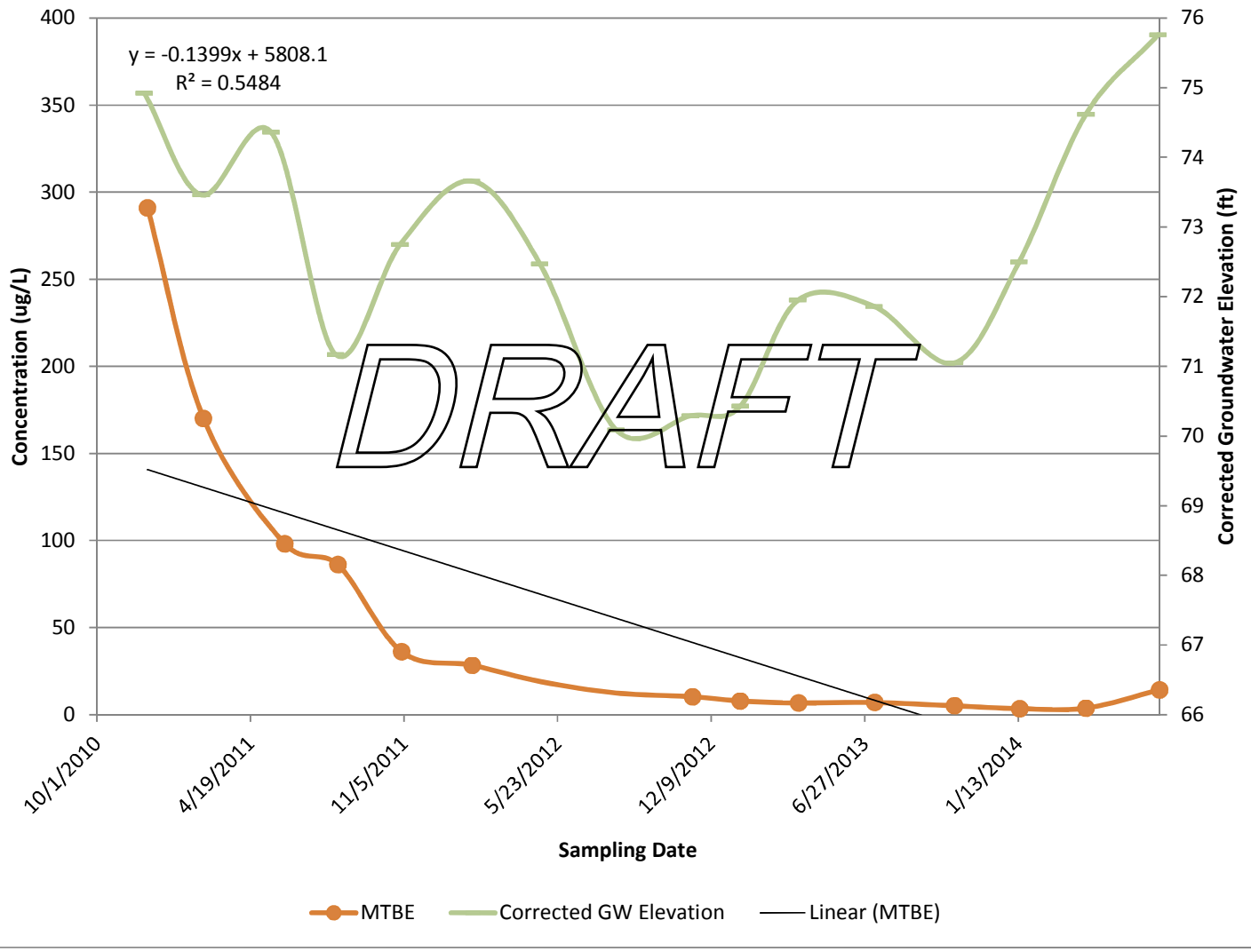
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
MW-24S



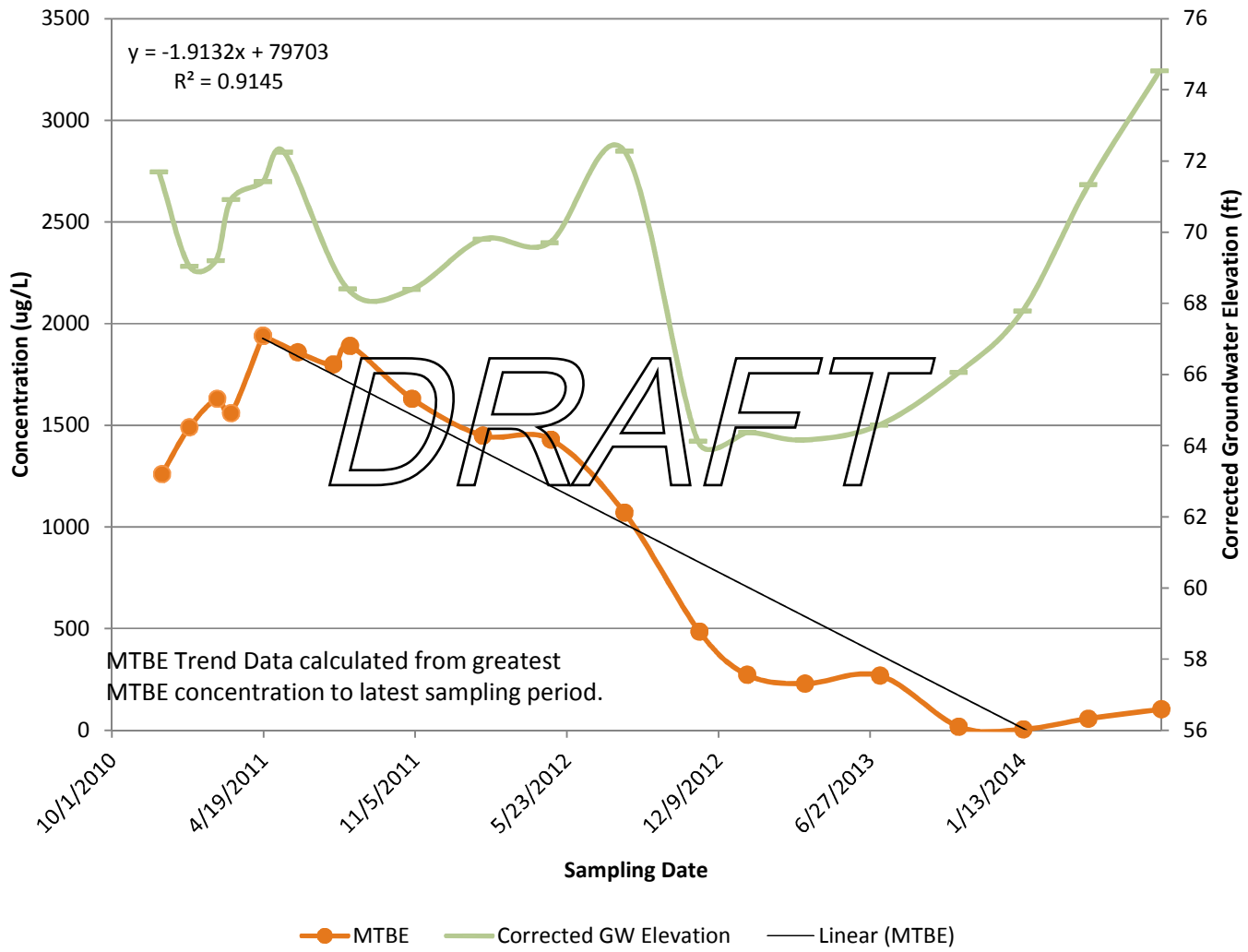
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
MW-25D



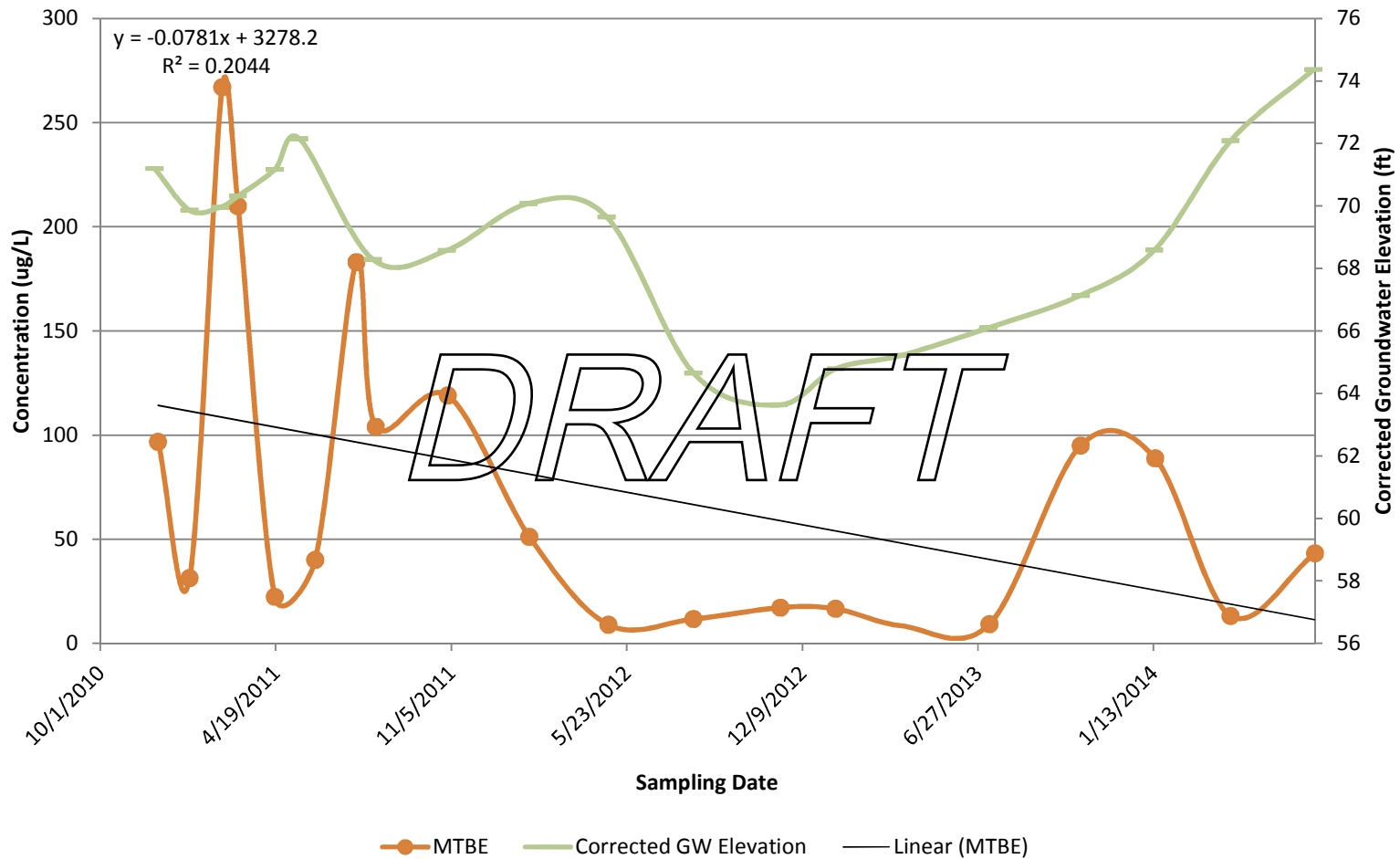
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
MW-25S



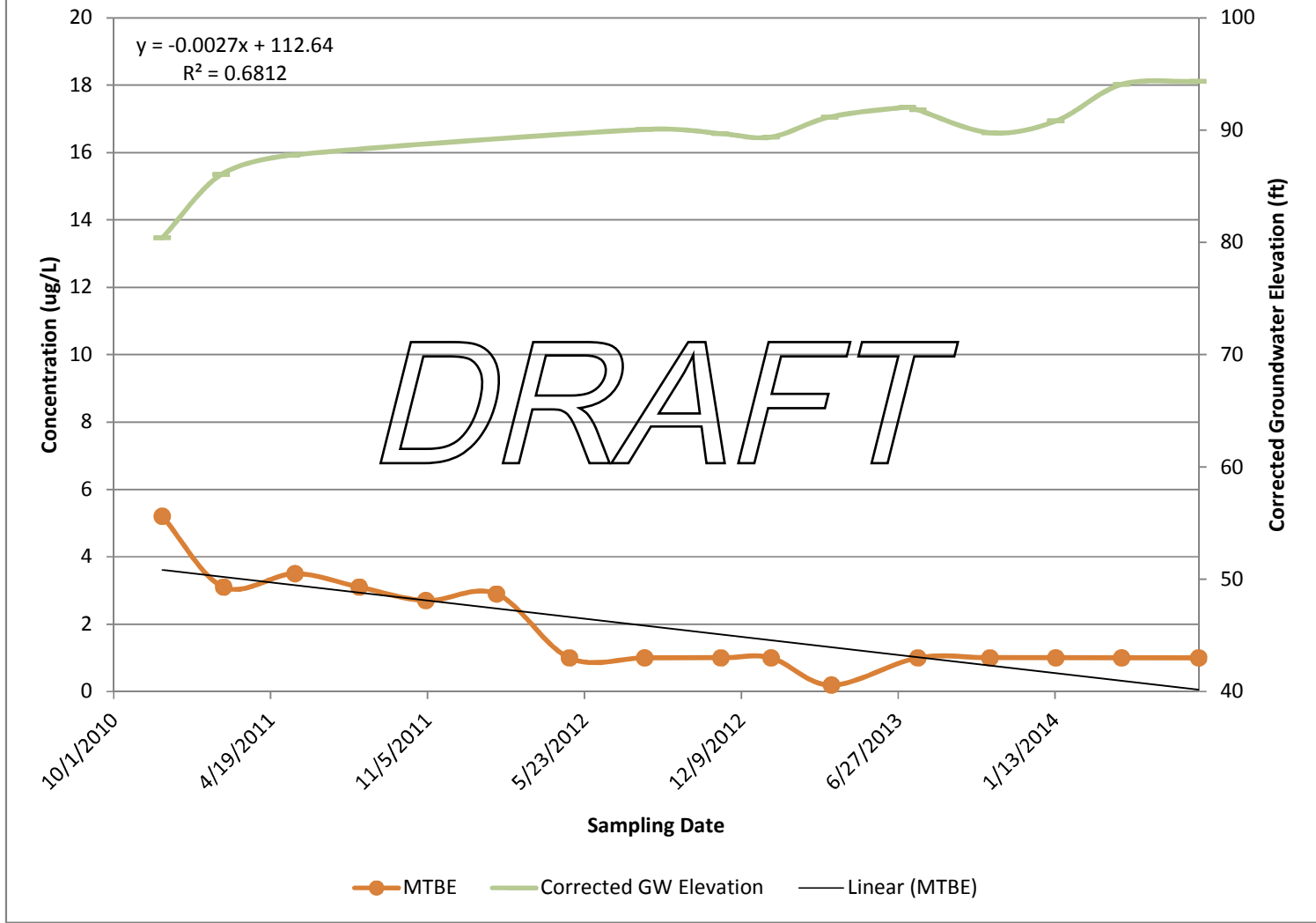
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
MW-26D



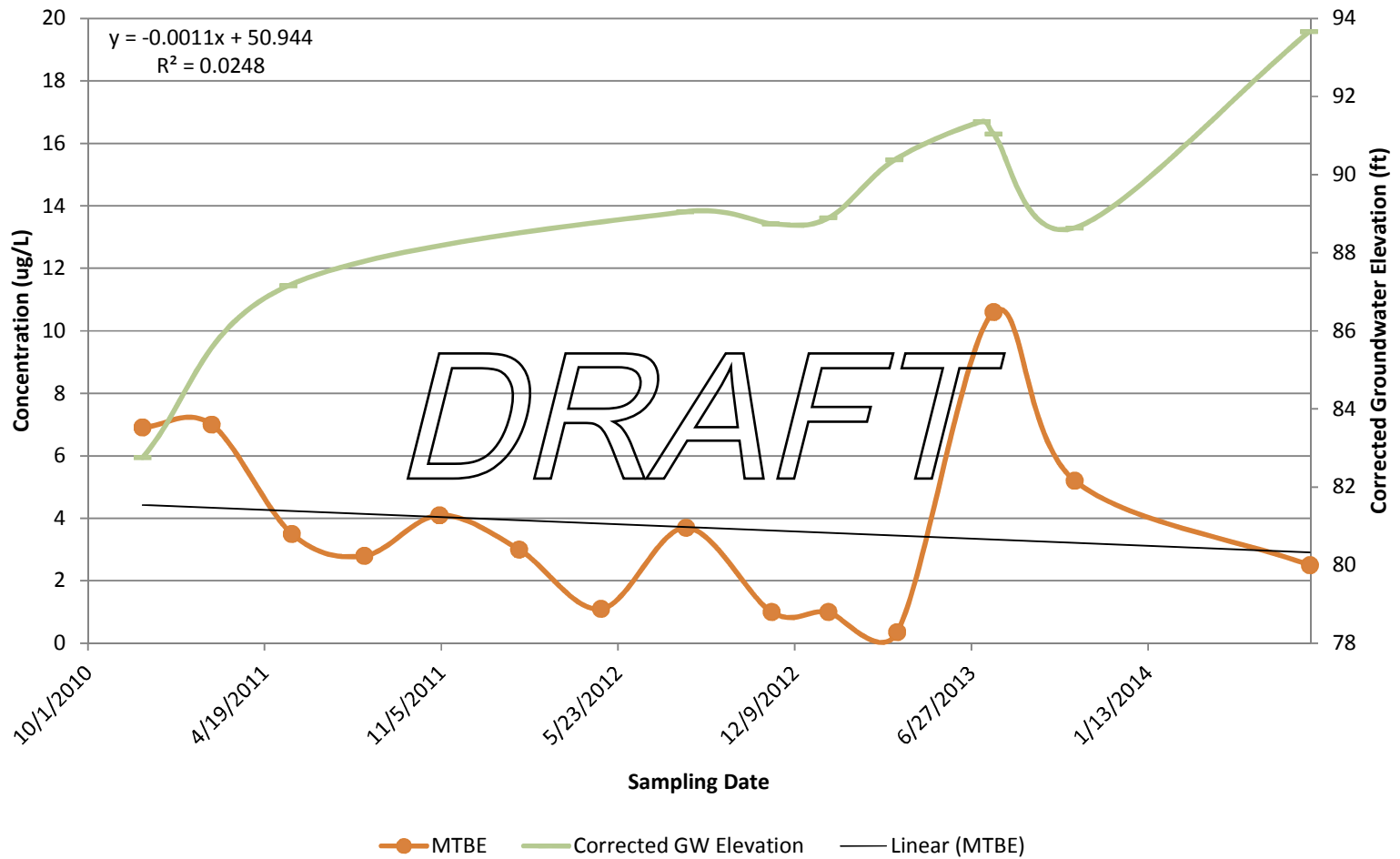
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
MW-26S



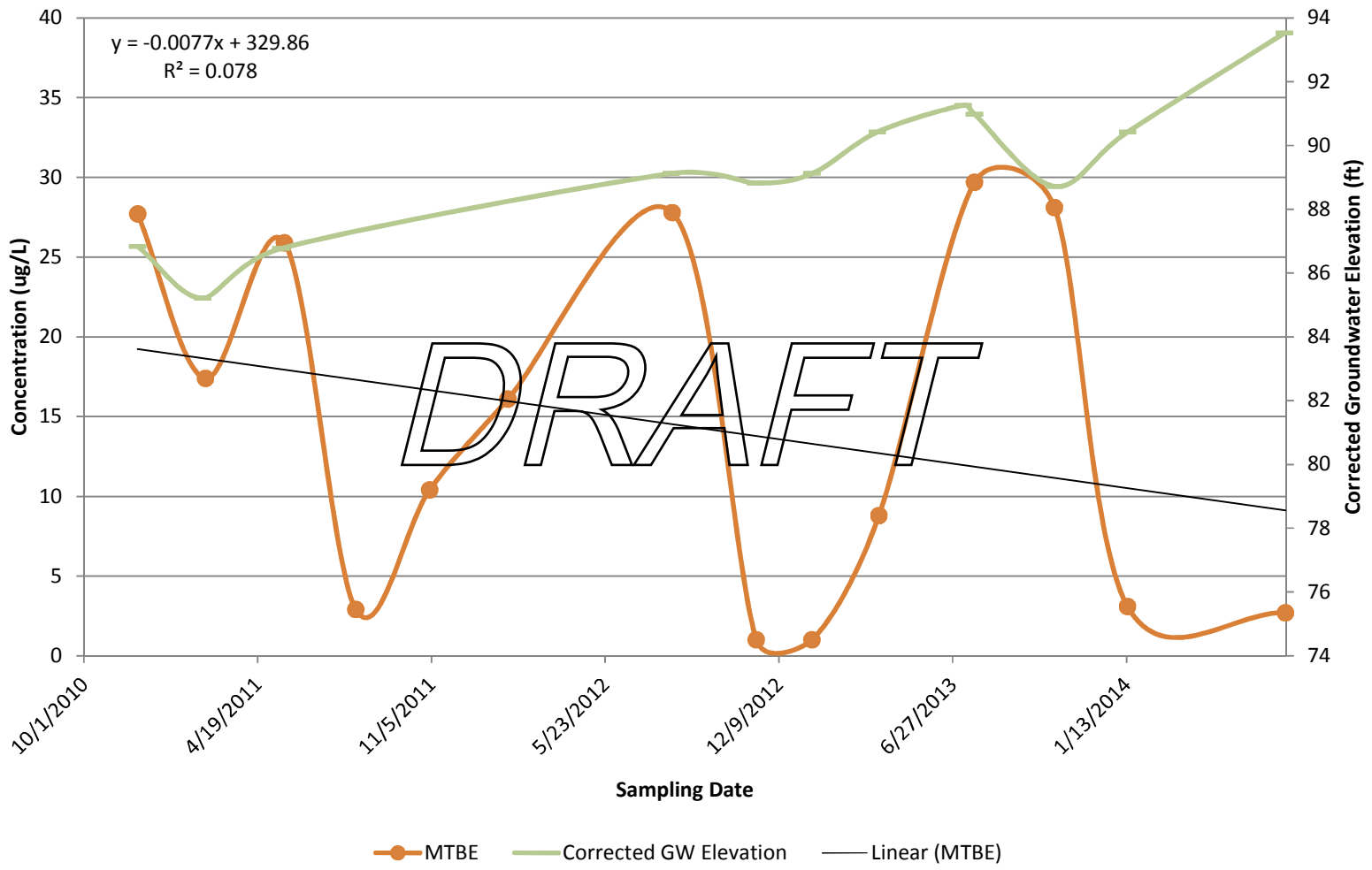
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
RW-01



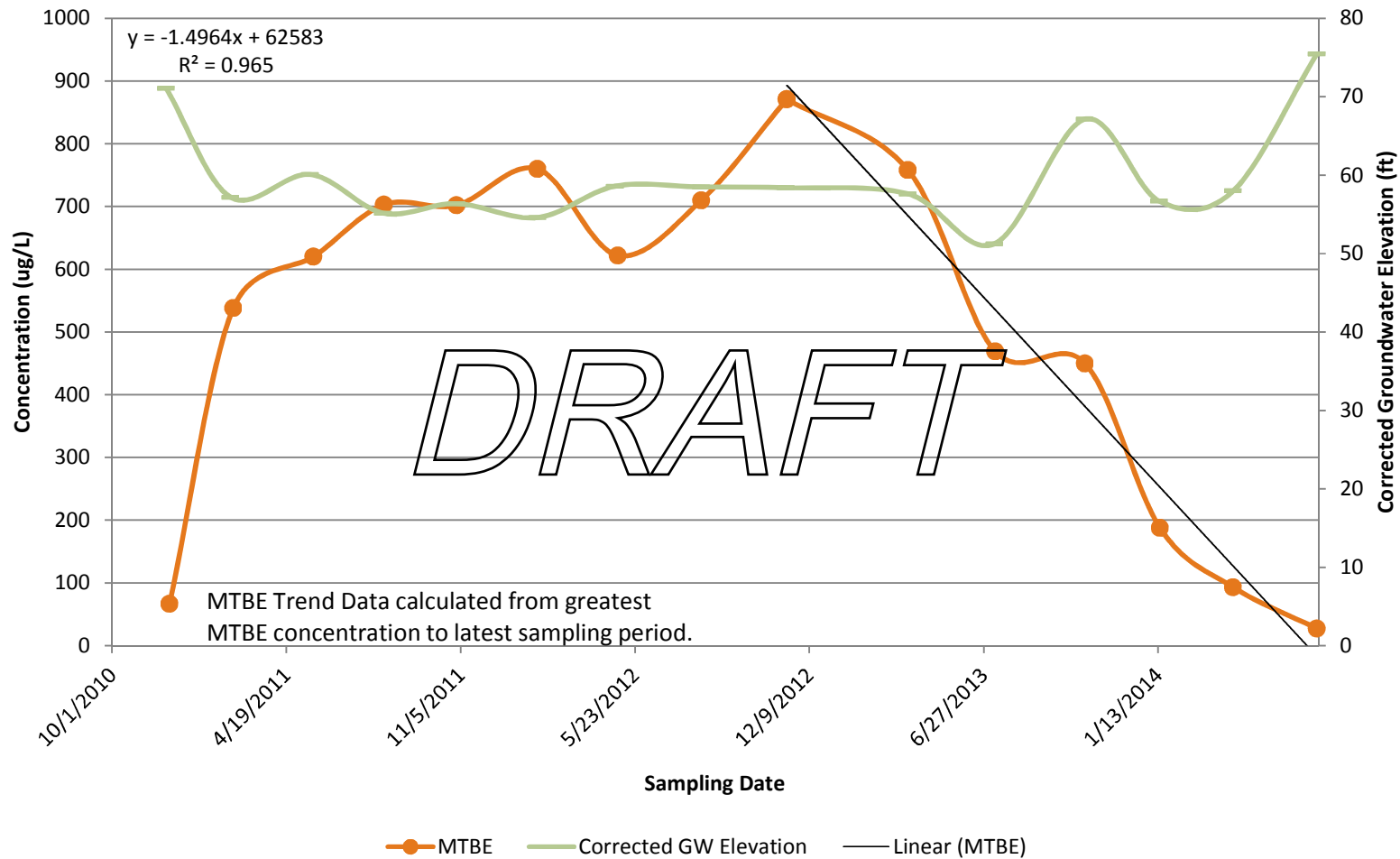
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
RW-03



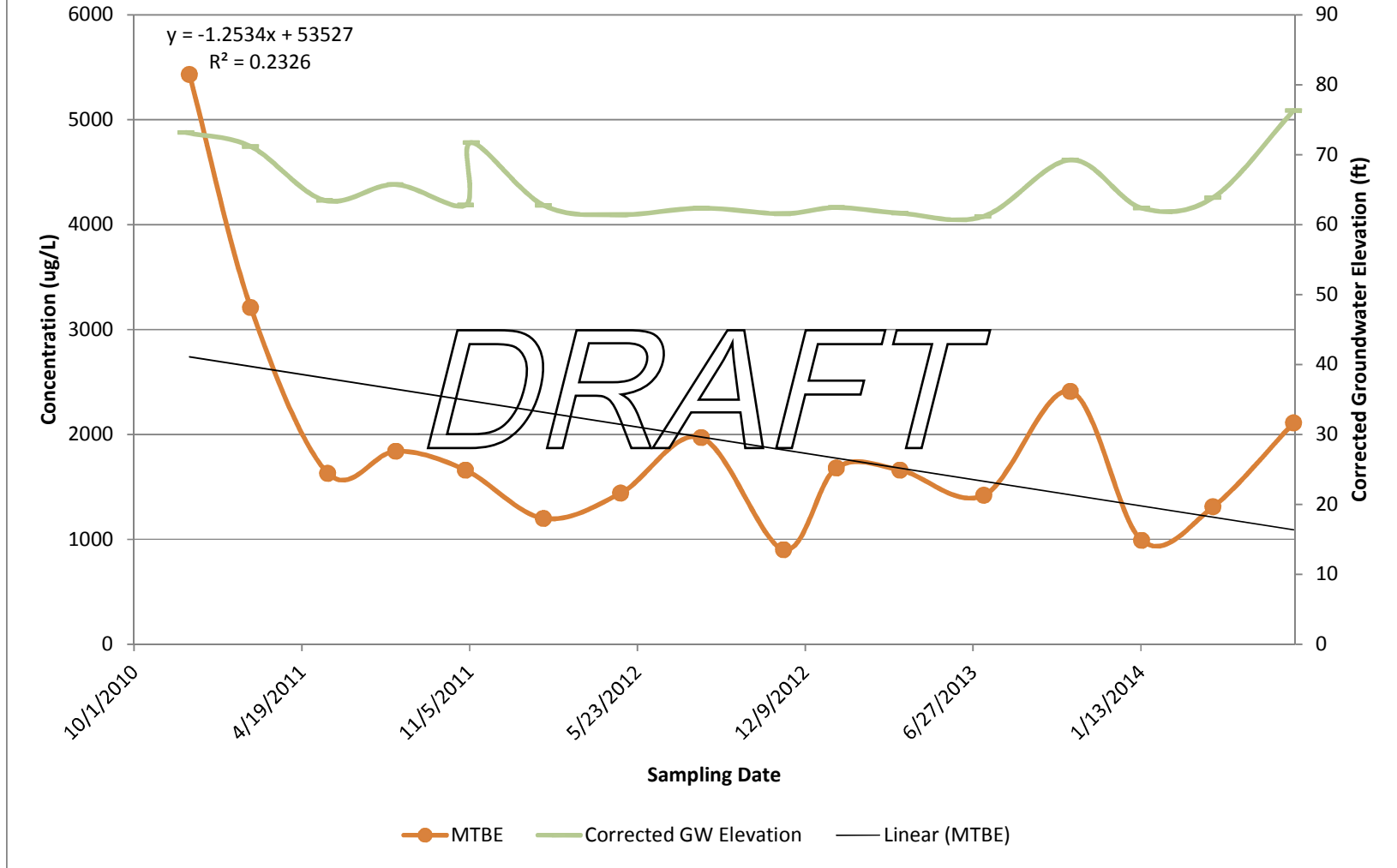
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
RW-10



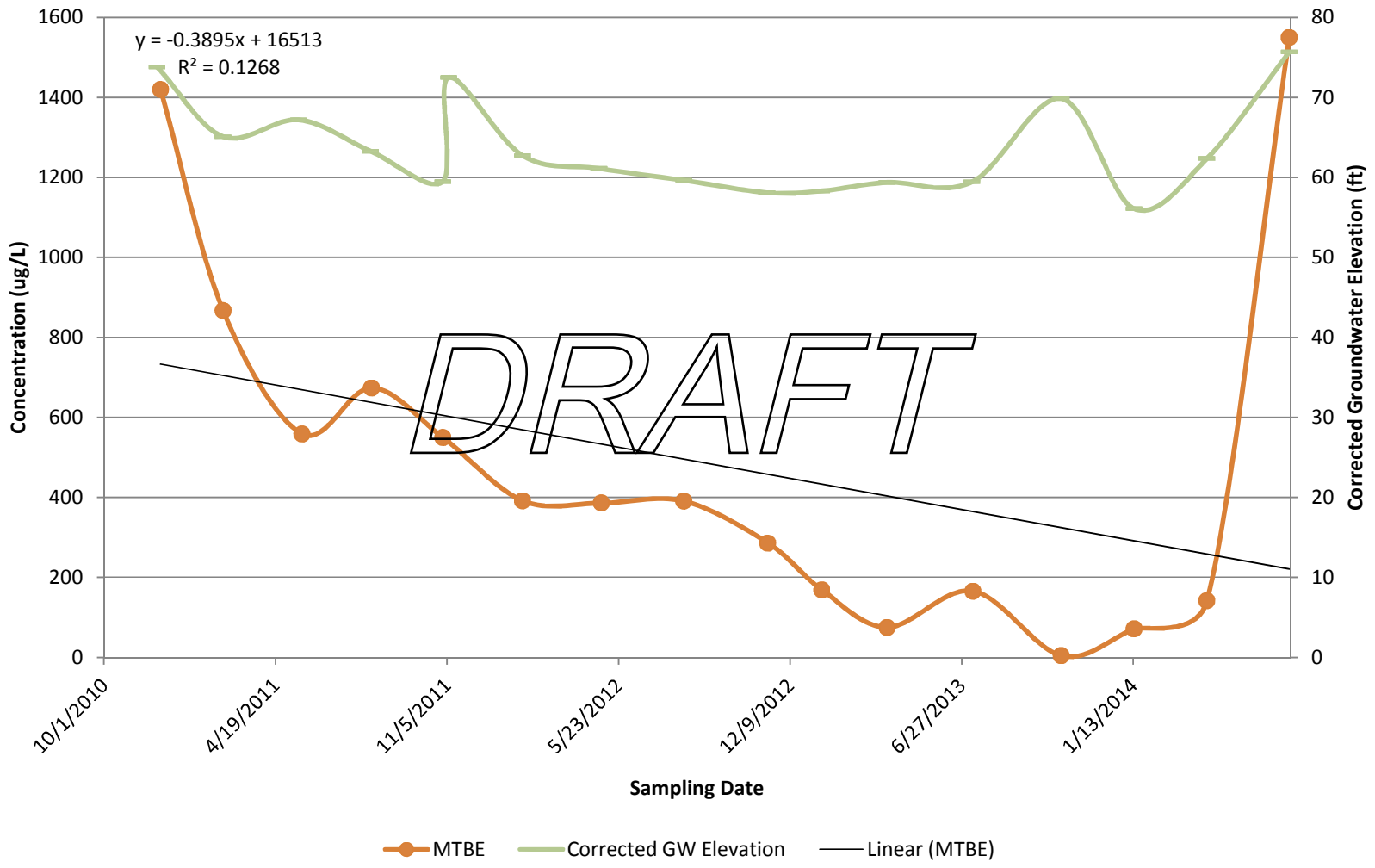
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
RW-19/19A



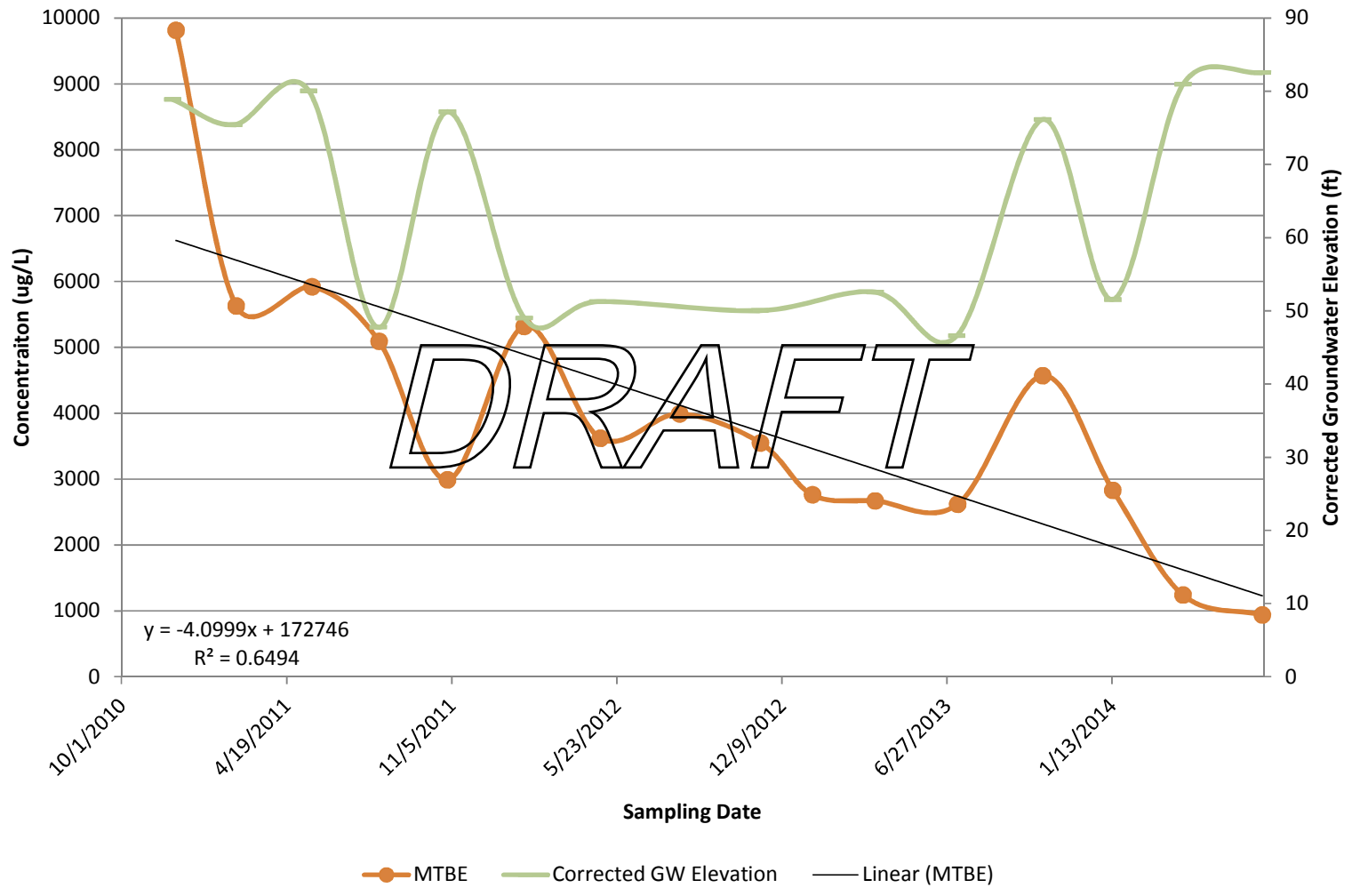
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
RW-20



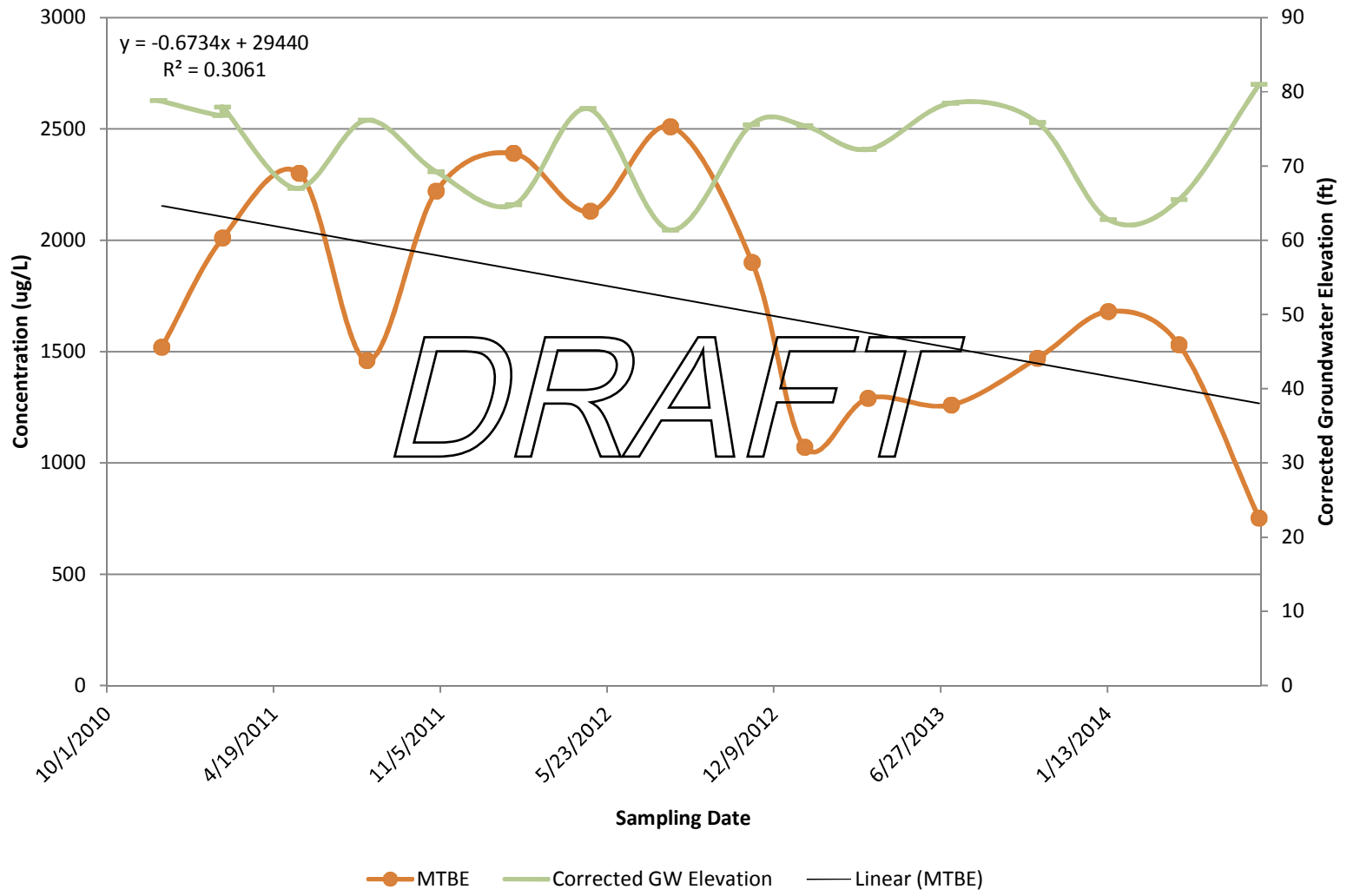
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
RW-21



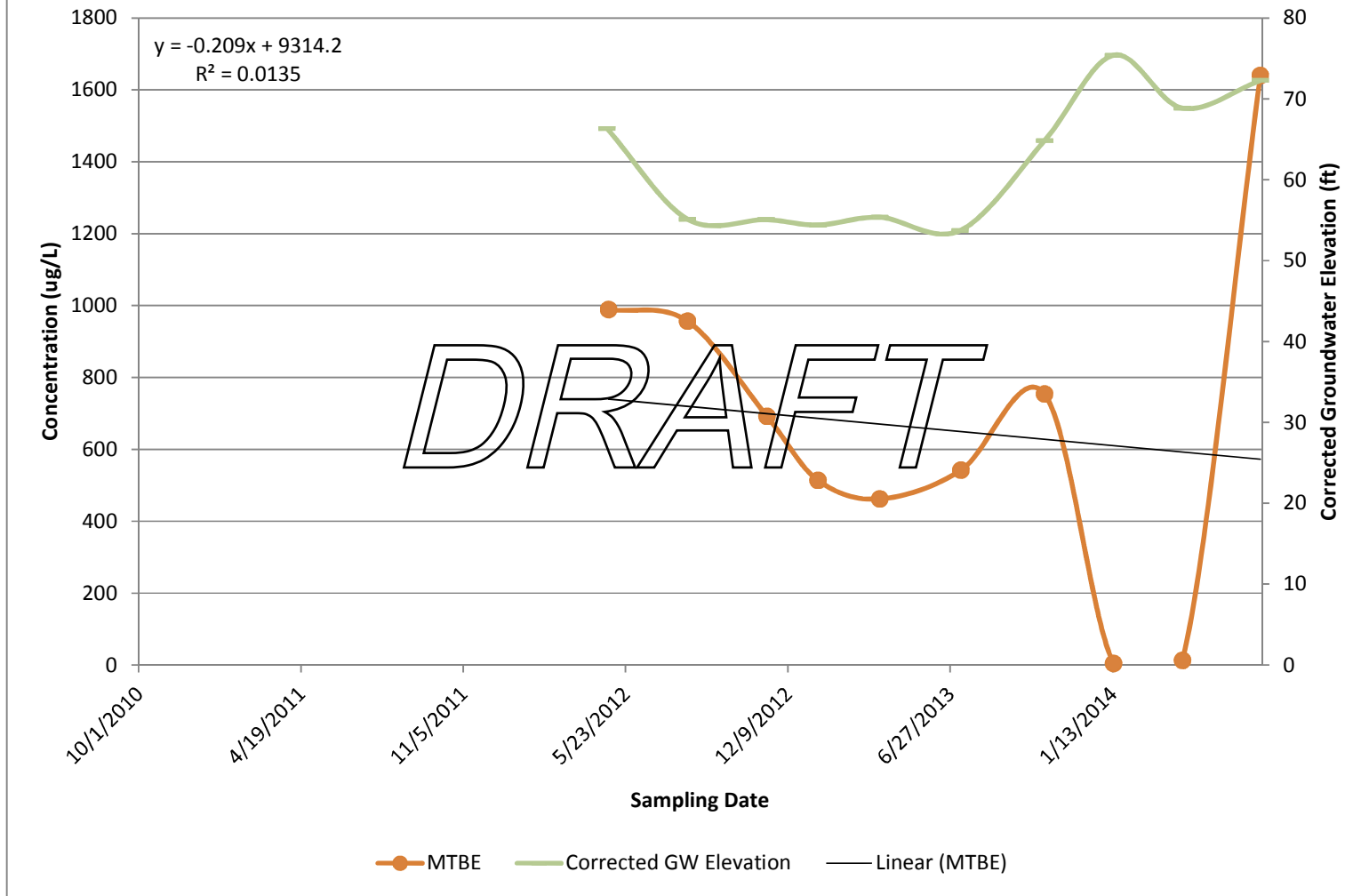
Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
RW-22



Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
RW-23



Dissolved-Phase Concentrations - 10/2010-Present
Former Shell Service Station #137675
RW-27

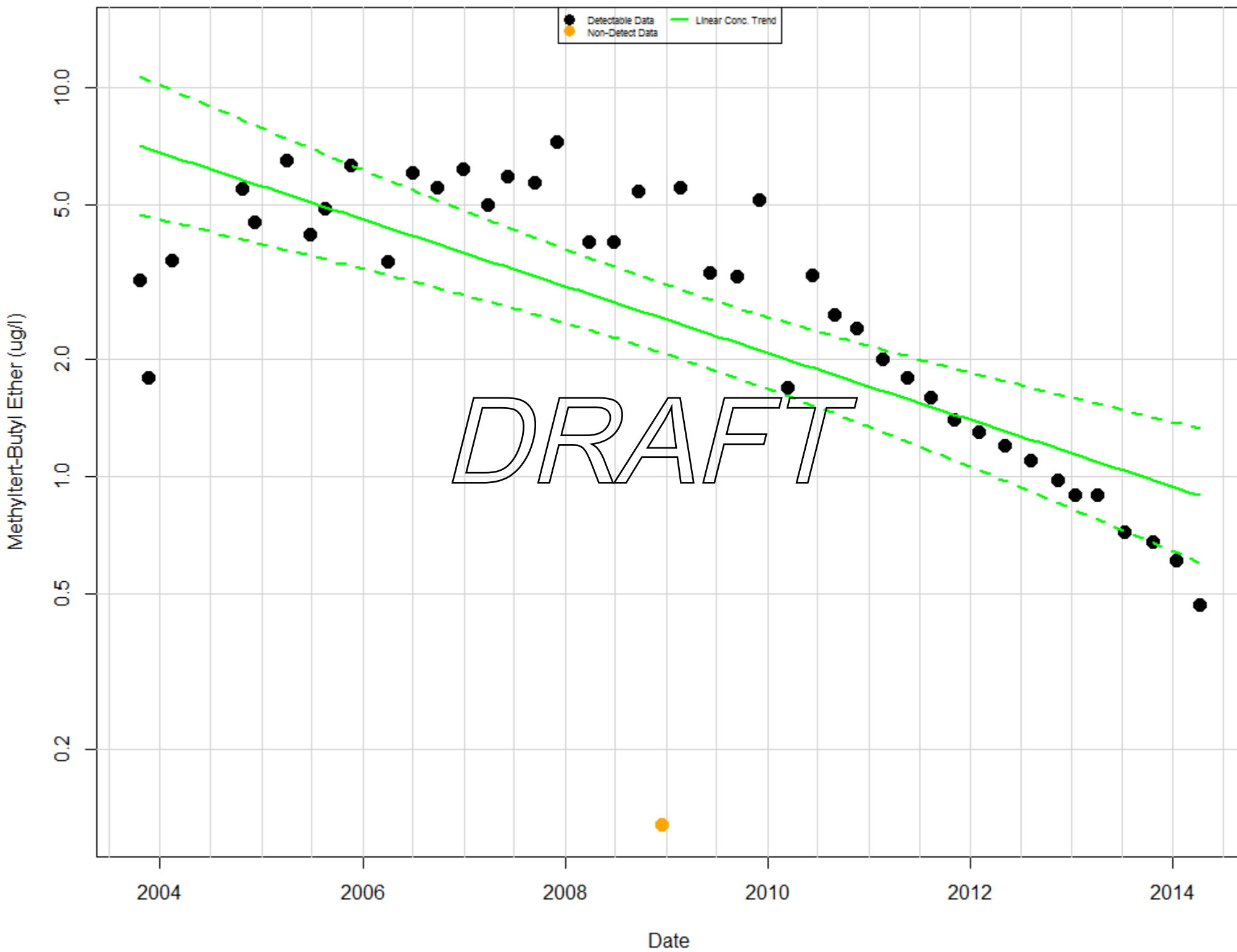


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**Appendix E
Mann-Kendall Trend Graphs**

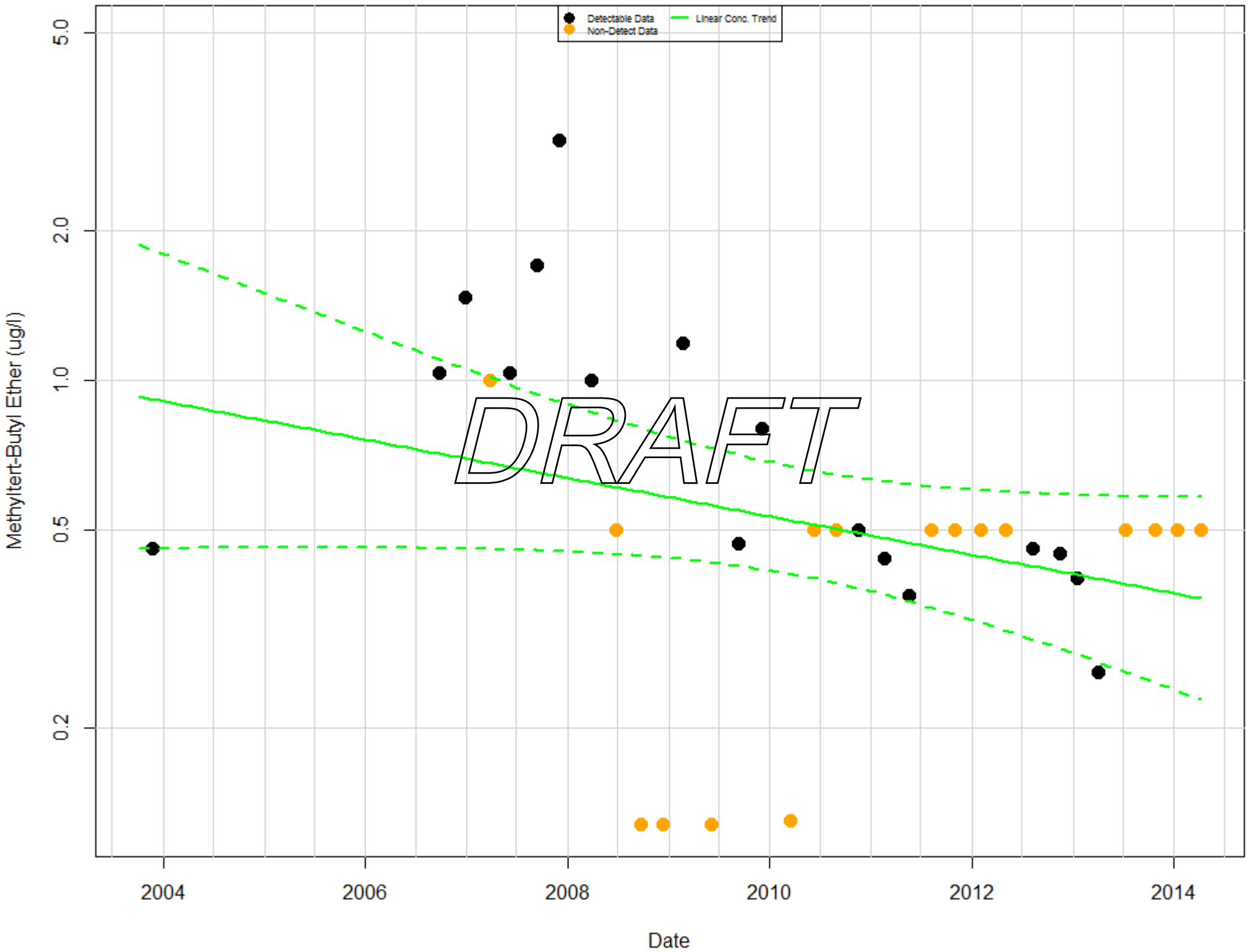
Methyltert-Butyl Ether in 710BNR : Aquifer-A

Mann-Kendall P.Value= <0.01; Half-Life= 1283 days



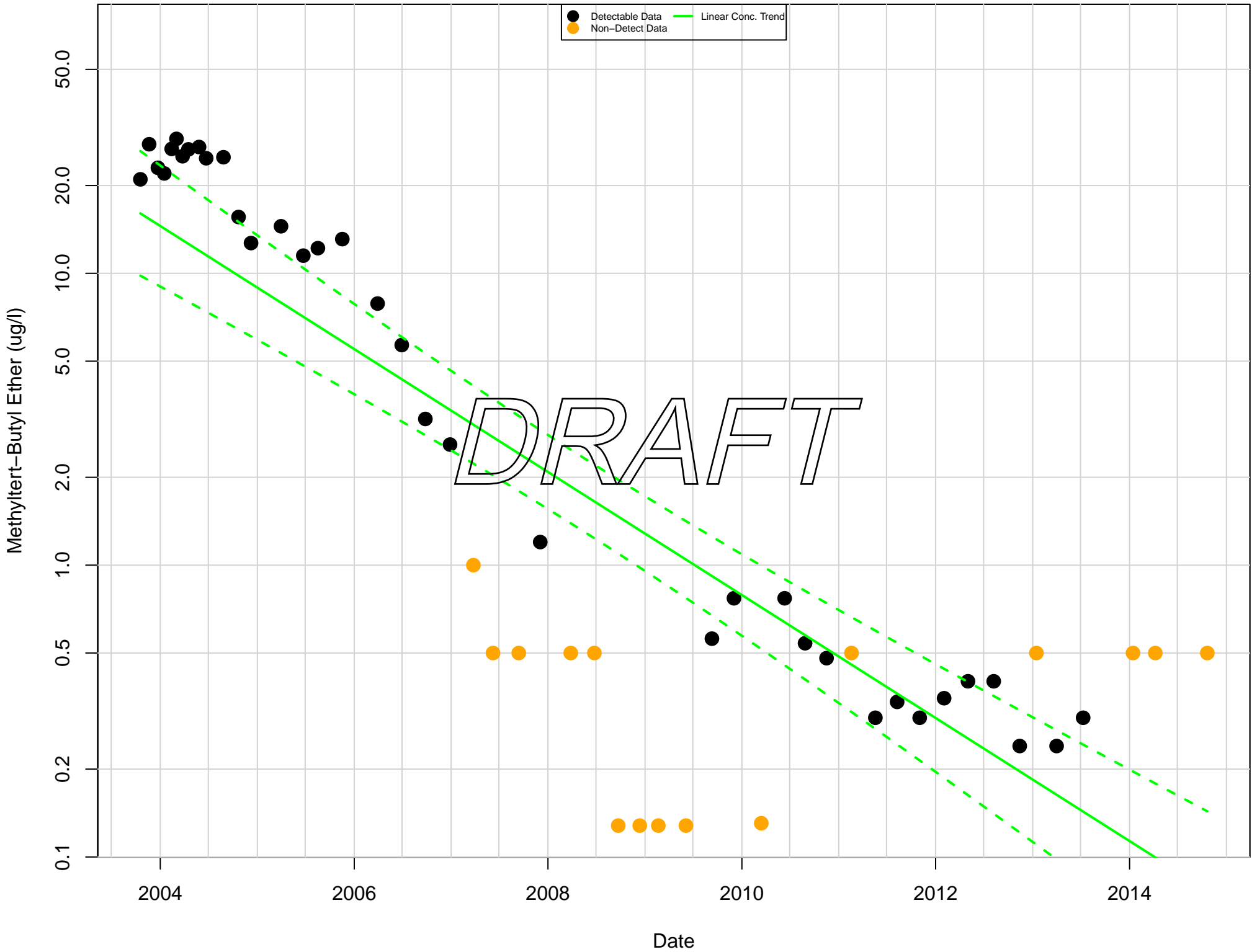
Methyltert-Butyl Ether in 711BNR : Aquifer-A

Mann-Kendall P.Value= 0.0541; Half-Life> 5 Years

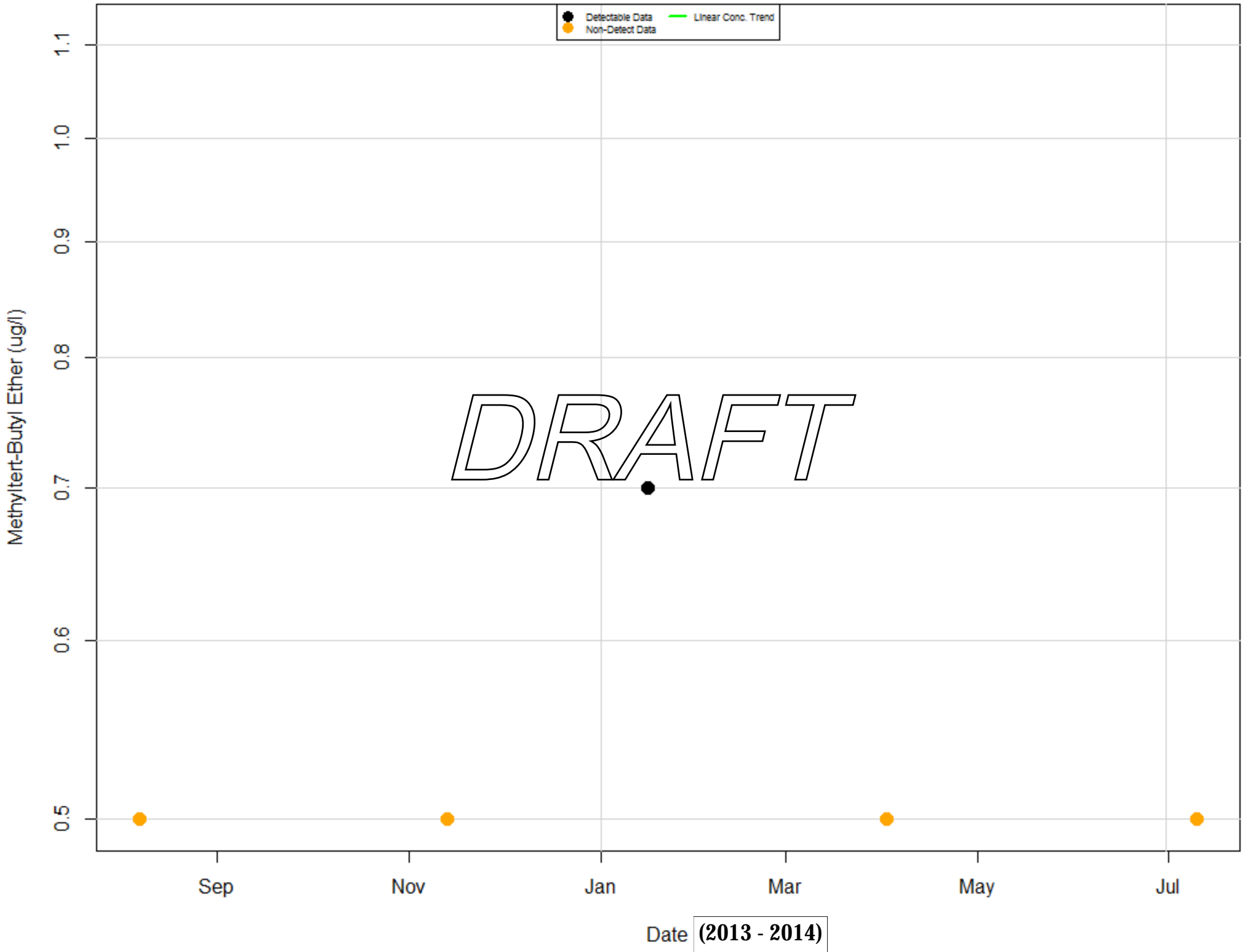


Methyltert-Butyl Ether in 720BNR : Aquifer-A

Mann-Kendall P.Value= <0.01; Half-Life= 522 days

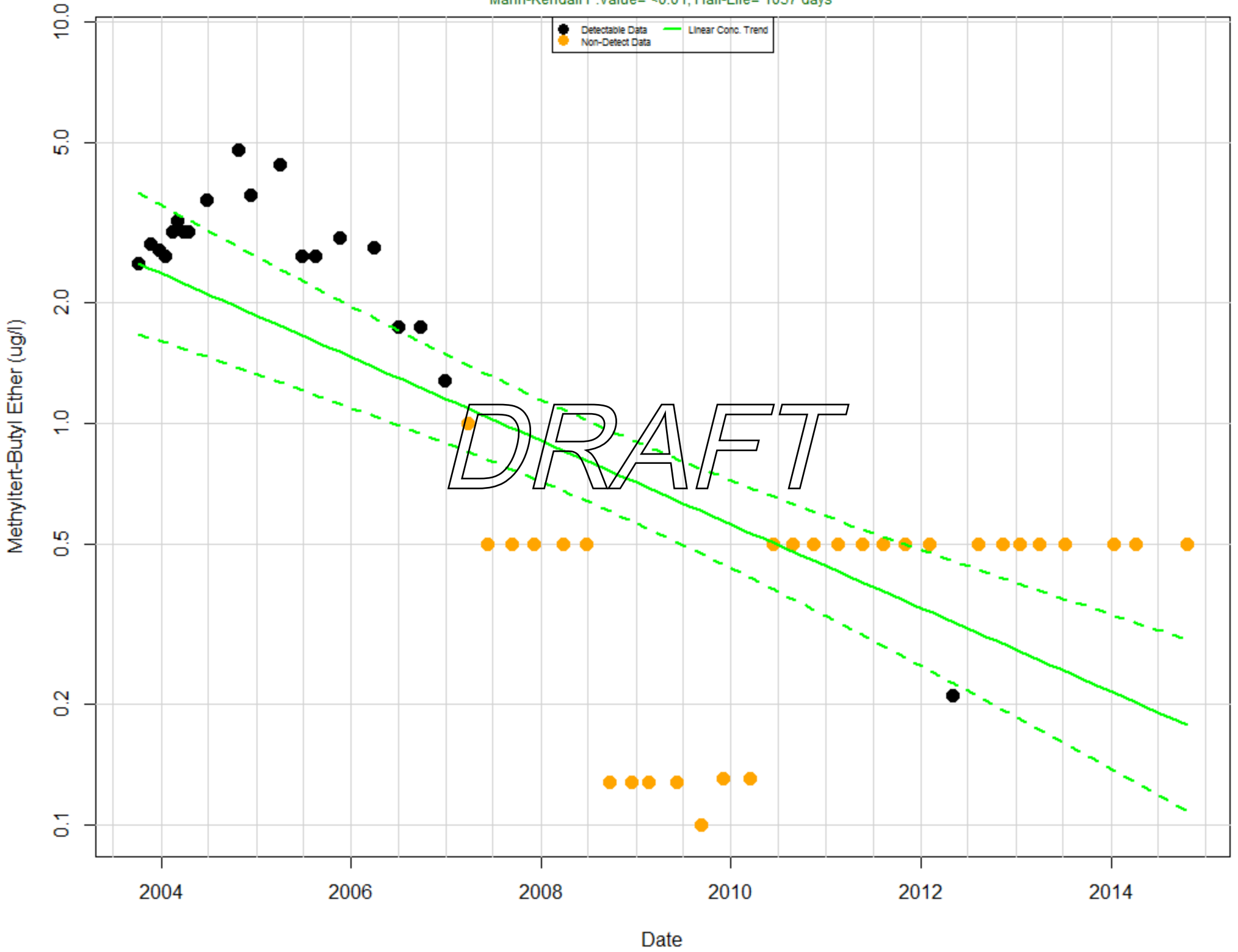


Methyltert-Butyl Ether in 721BND : Aquifer-B



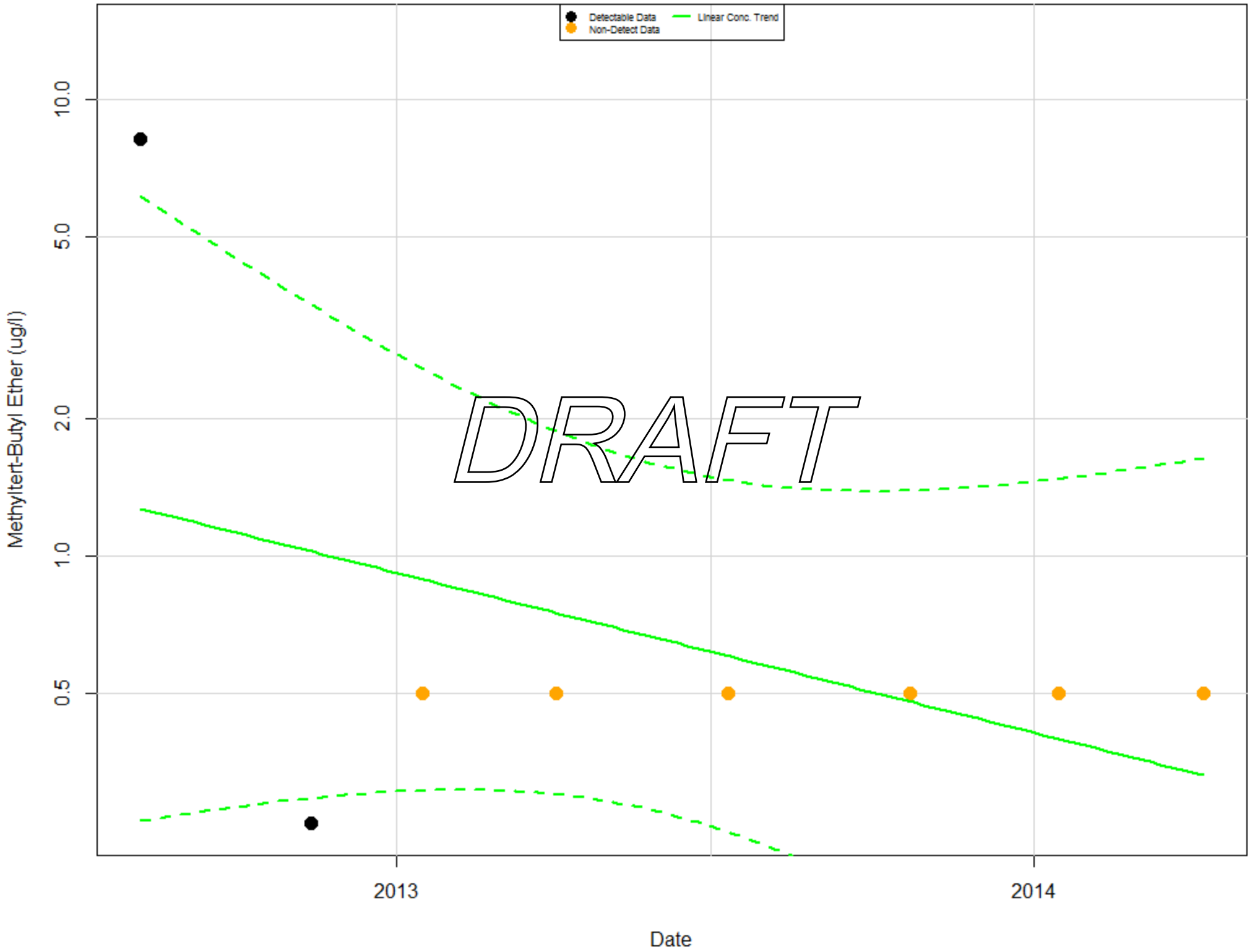
Methyltert-Butyl Ether in 721BNR : Aquifer-A

Mann-Kendall P.Value= <0.01; Half-Life= 1057 days



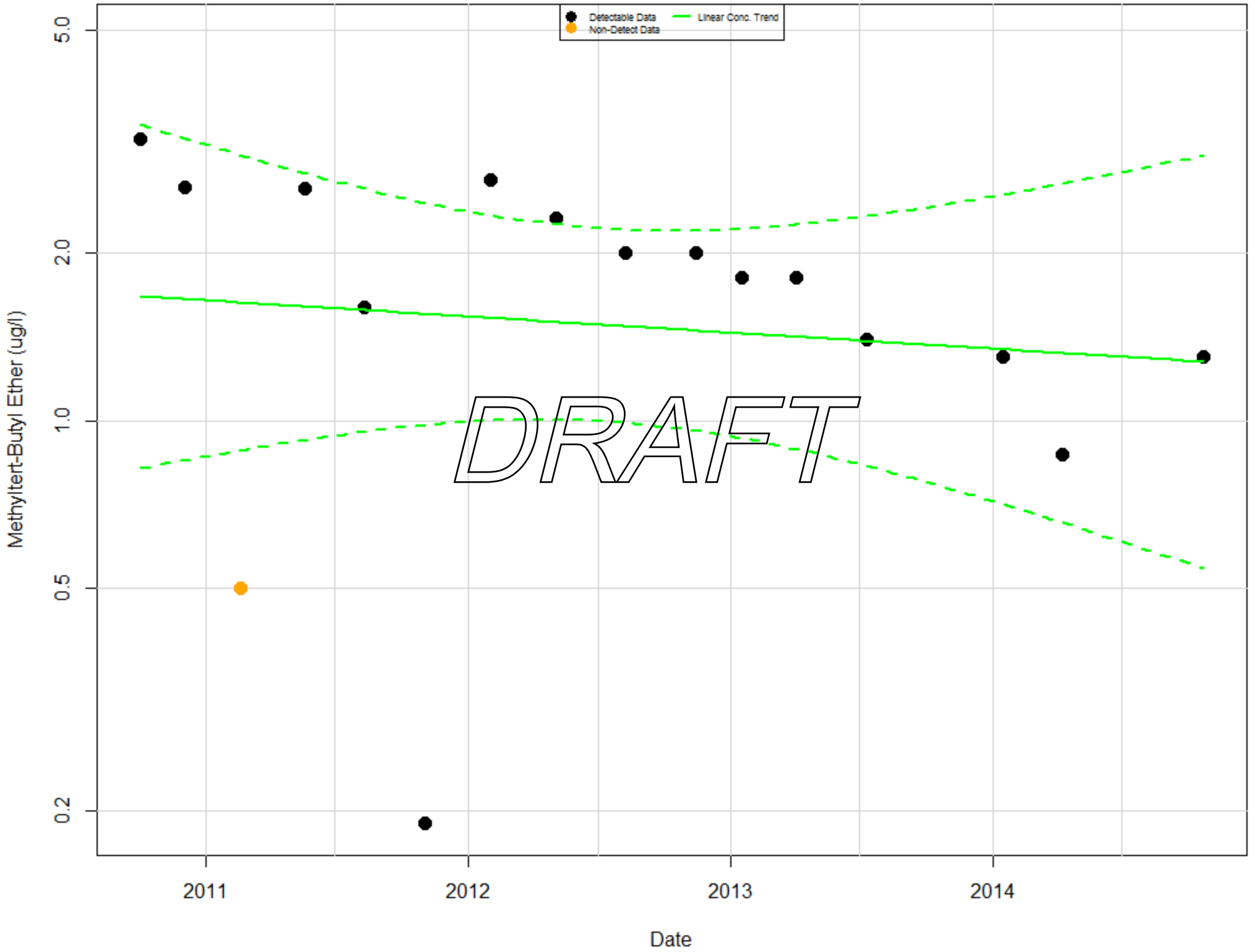
Methyltert-Butyl Ether in 721BNS : Aquifer-C

Mann-Kendall P.Value= 1; Half-Life= 314 days



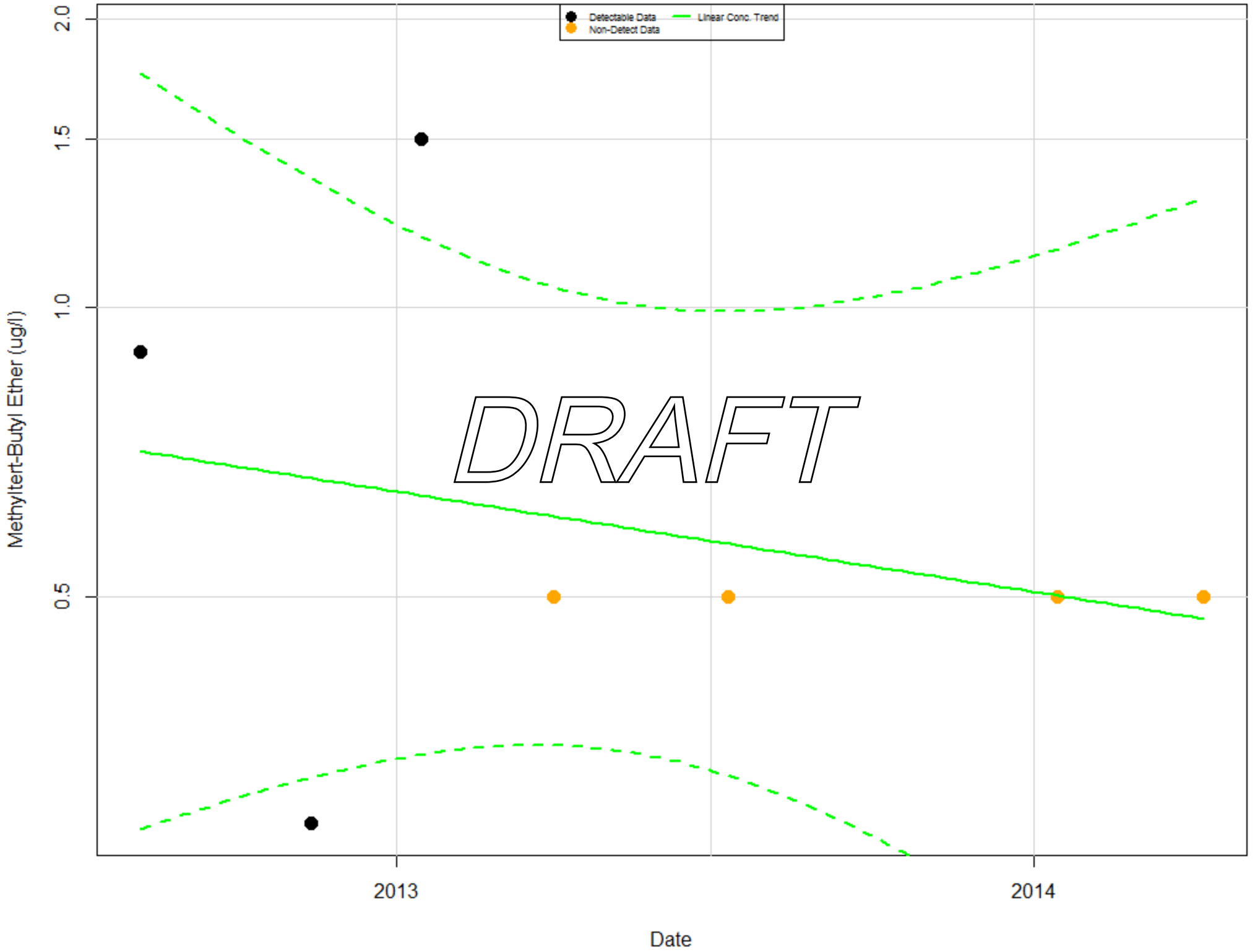
Methyltert-Butyl Ether in 730BND : Aquifer-B

Mann-Kendall P.Value= 0.0147; Half-Life> 5 Years



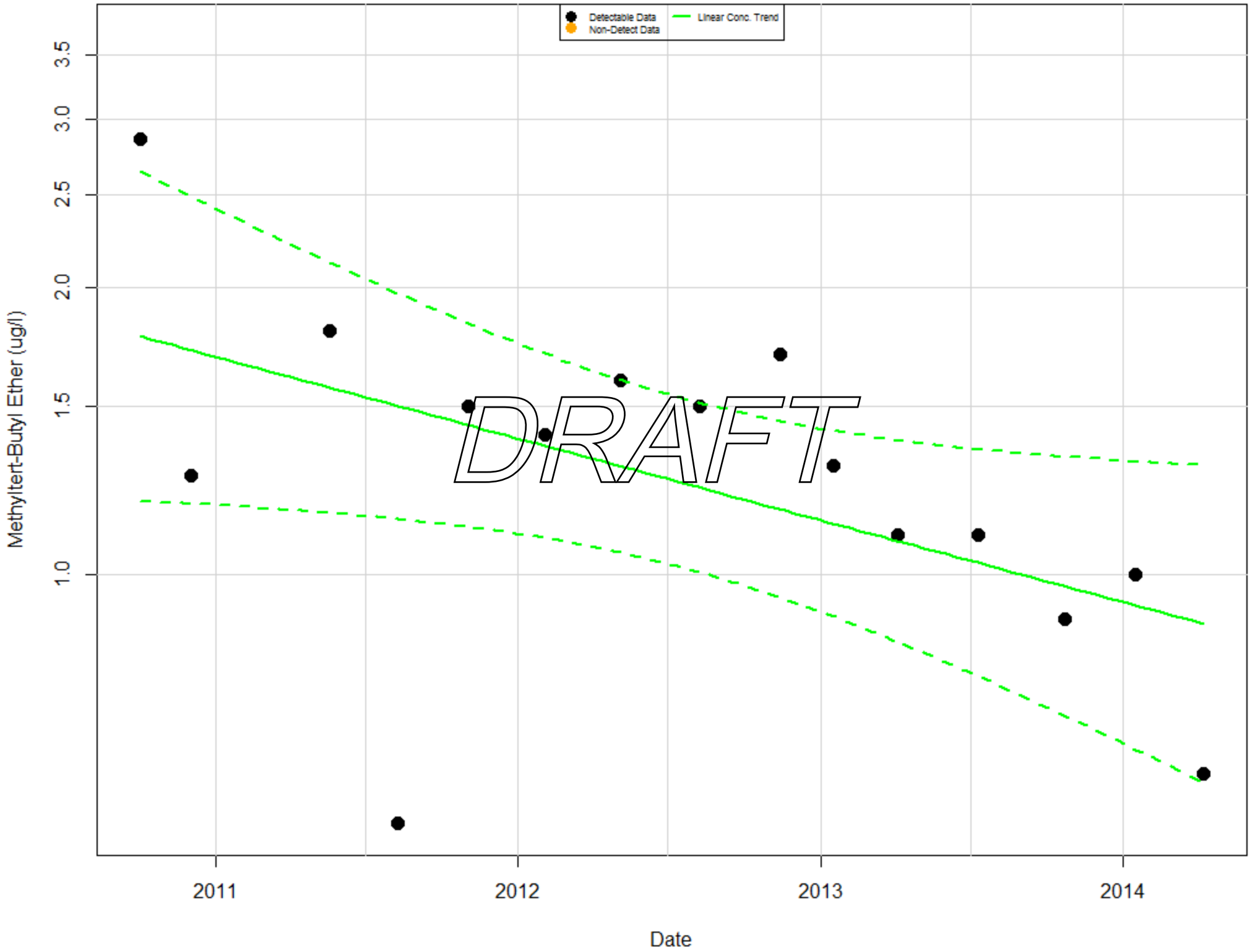
Methyltert-Butyl Ether in 730BNR : Aquifer-A

Mann-Kendall P.Value= 0.738; Half-Life= 1050 days



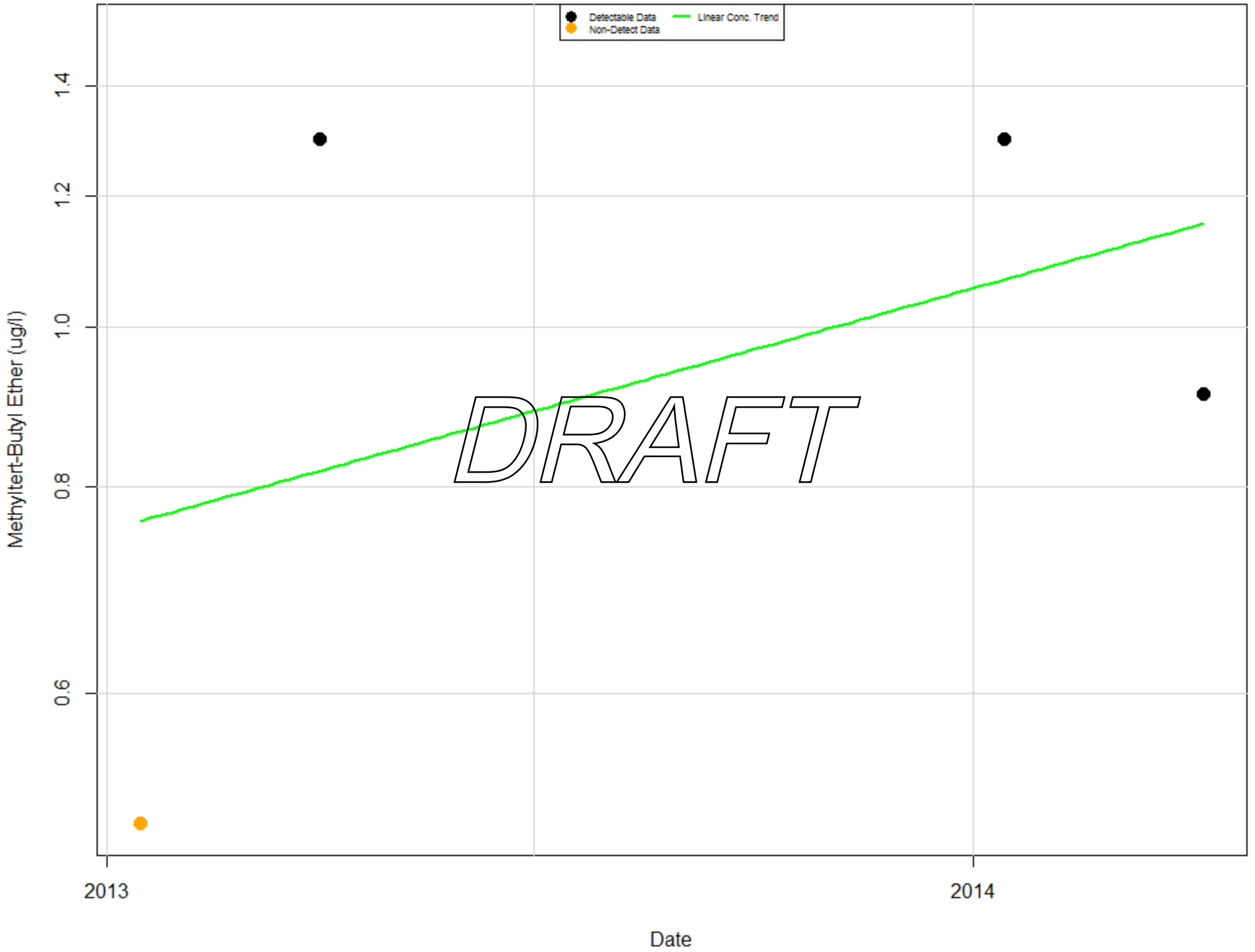
Methyltert-Butyl Ether in 730BNS : Aquifer-C

Mann-Kendall P.Value= 0.0131; Half-Life= 1287 days



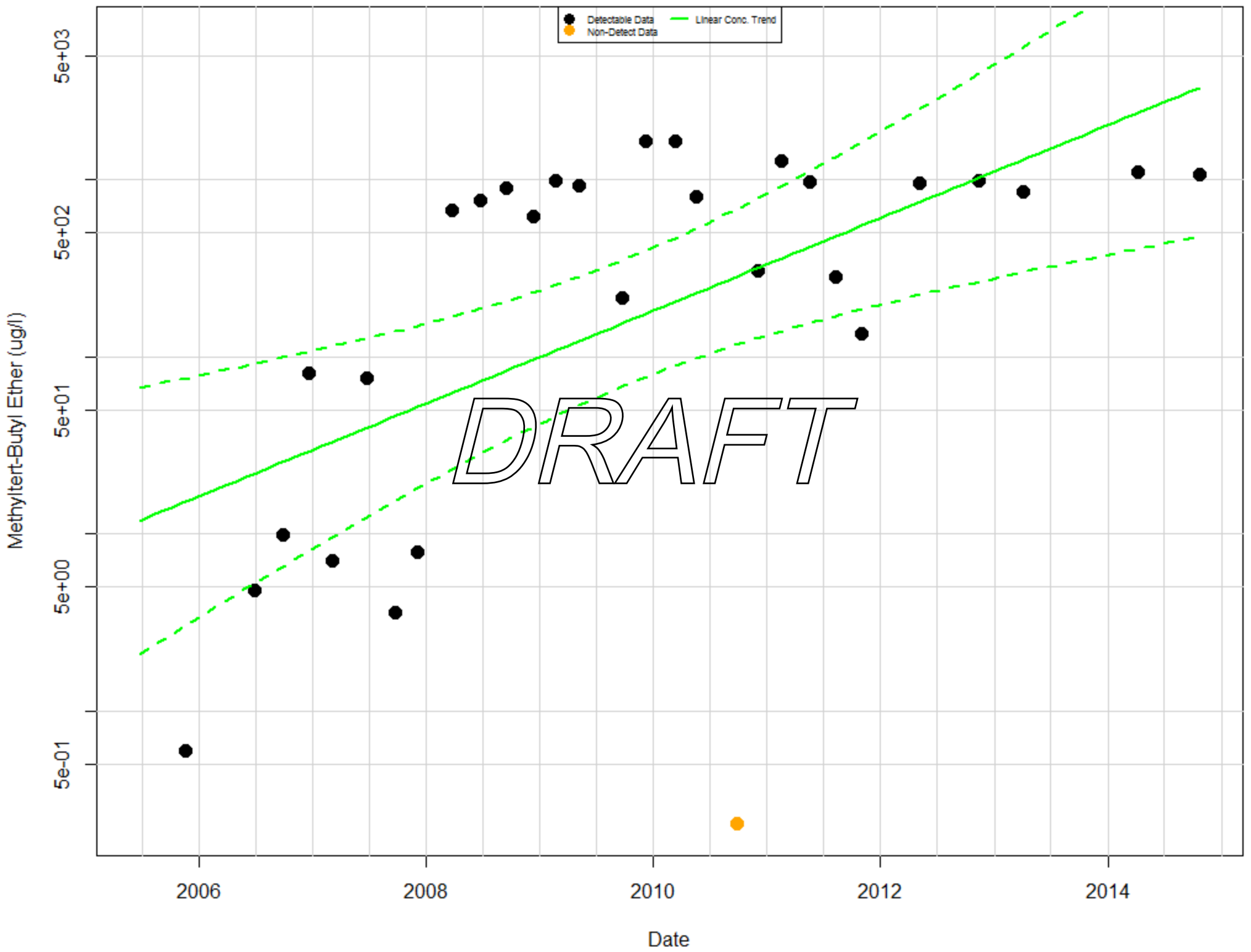
Methyltert-Butyl Ether in 740BNR : Aquifer-A

Mann-Kendall P.Value= 1; Half-Life= -748 days



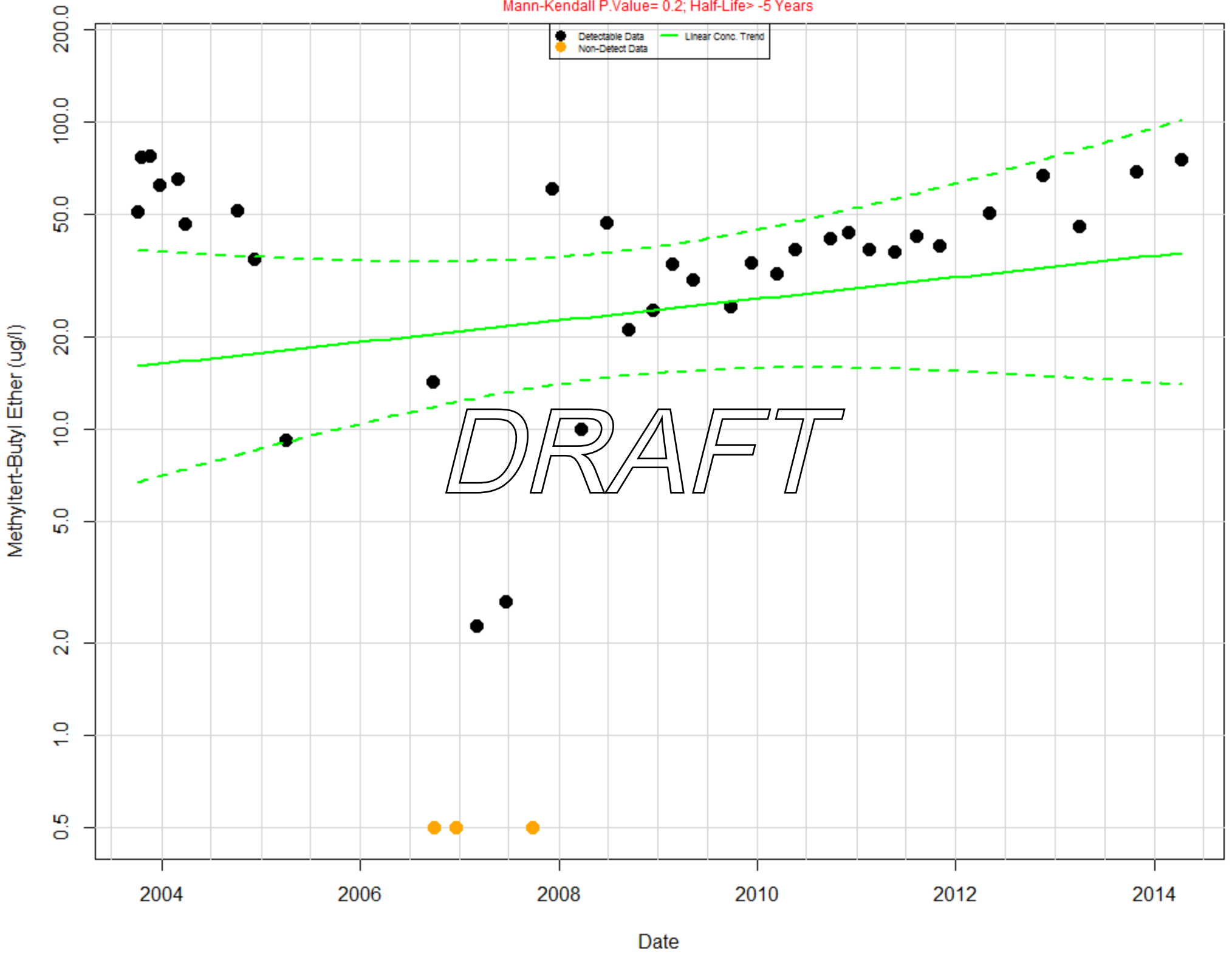
Methyltert-Butyl Ether in 750BND : Aquifer-B

Mann-Kendall P.Value= <0.01; Half-Life= -420 days



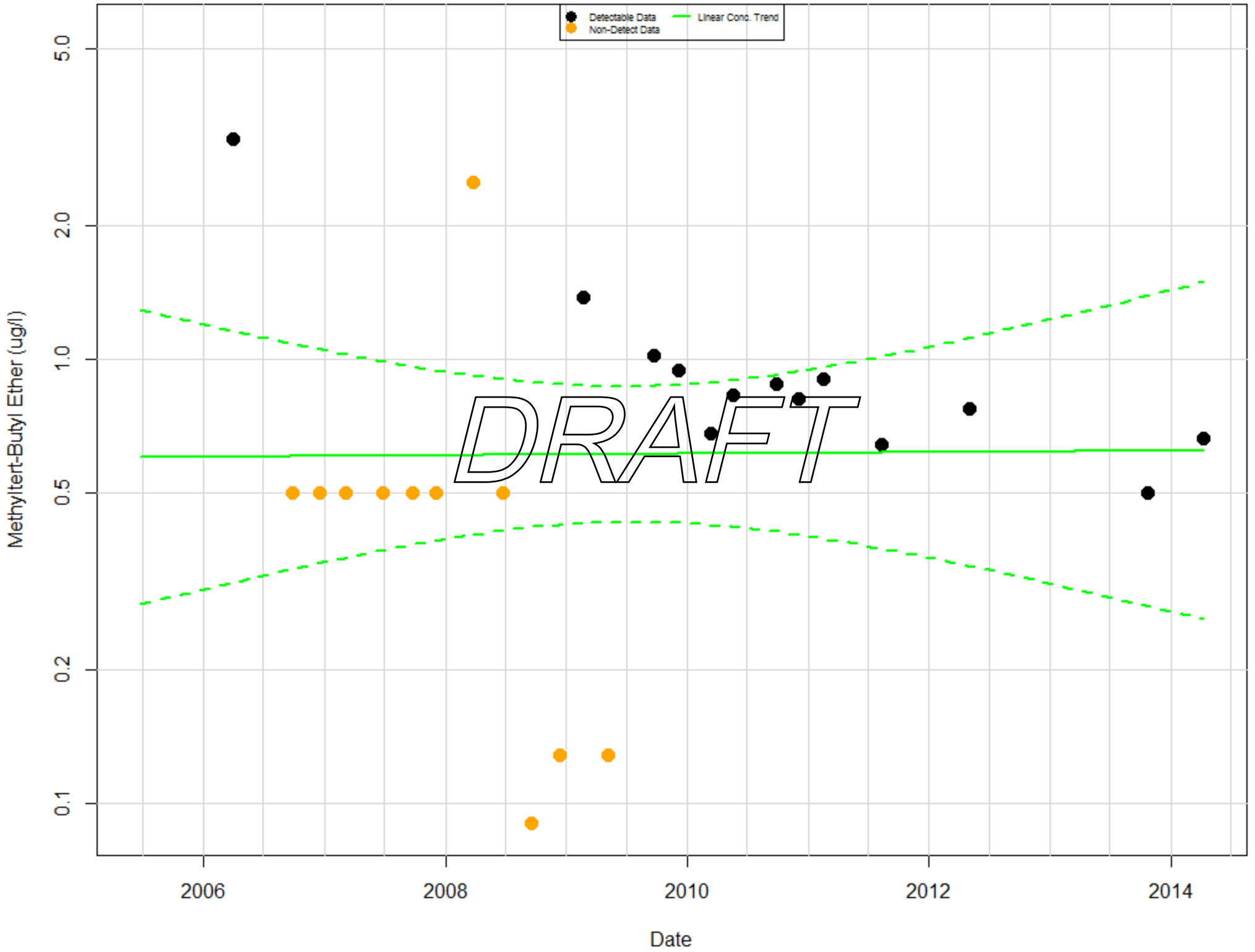
Methyltert-Butyl Ether in 750BNR : Aquifer-A

Mann-Kendall P.Value= 0.2; Half-Life> -5 Years



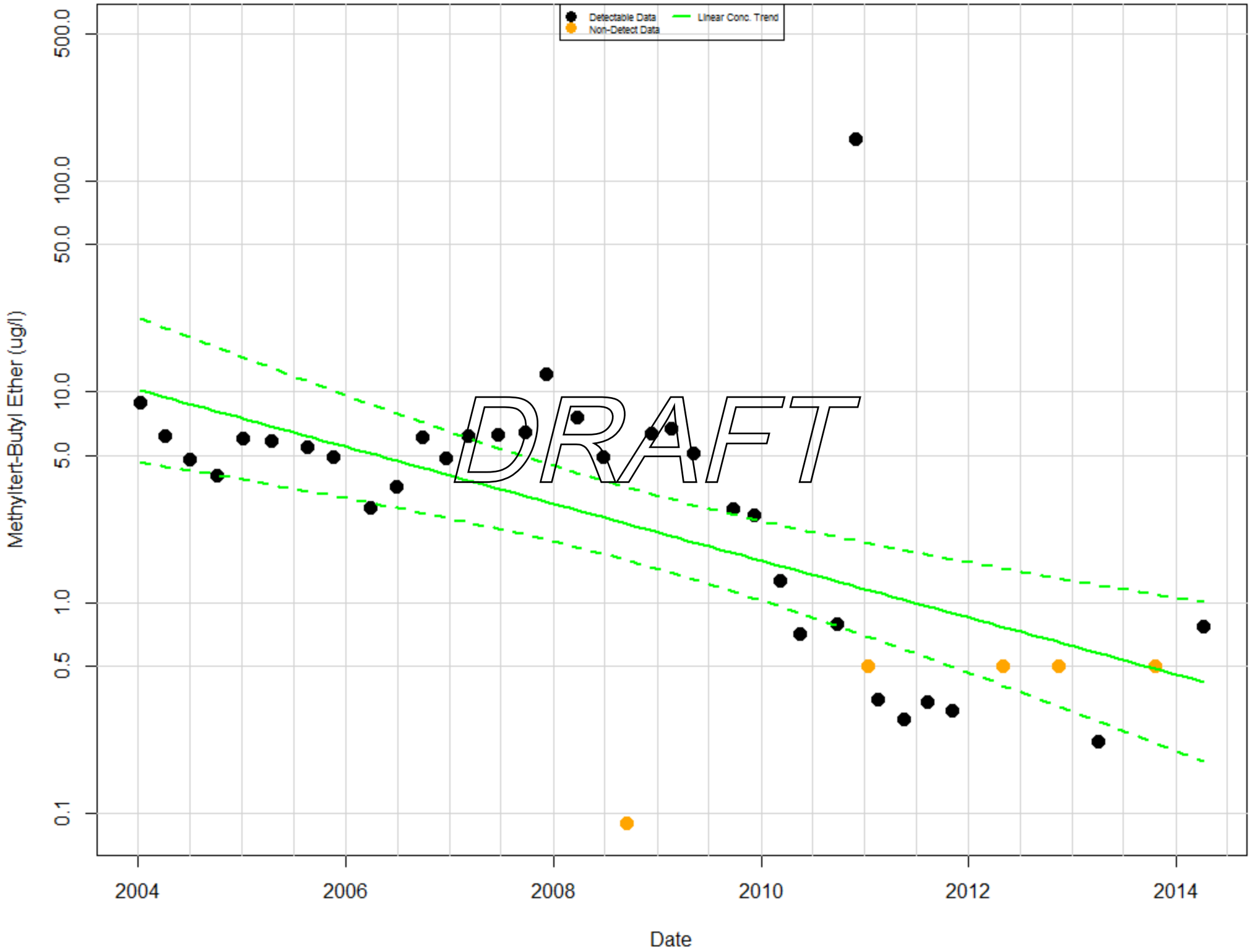
Methyltert-Butyl Ether in 750BNS : Aquifer-C

Mann-Kendall P.Value= 0.685; Half-Life> -5 Years



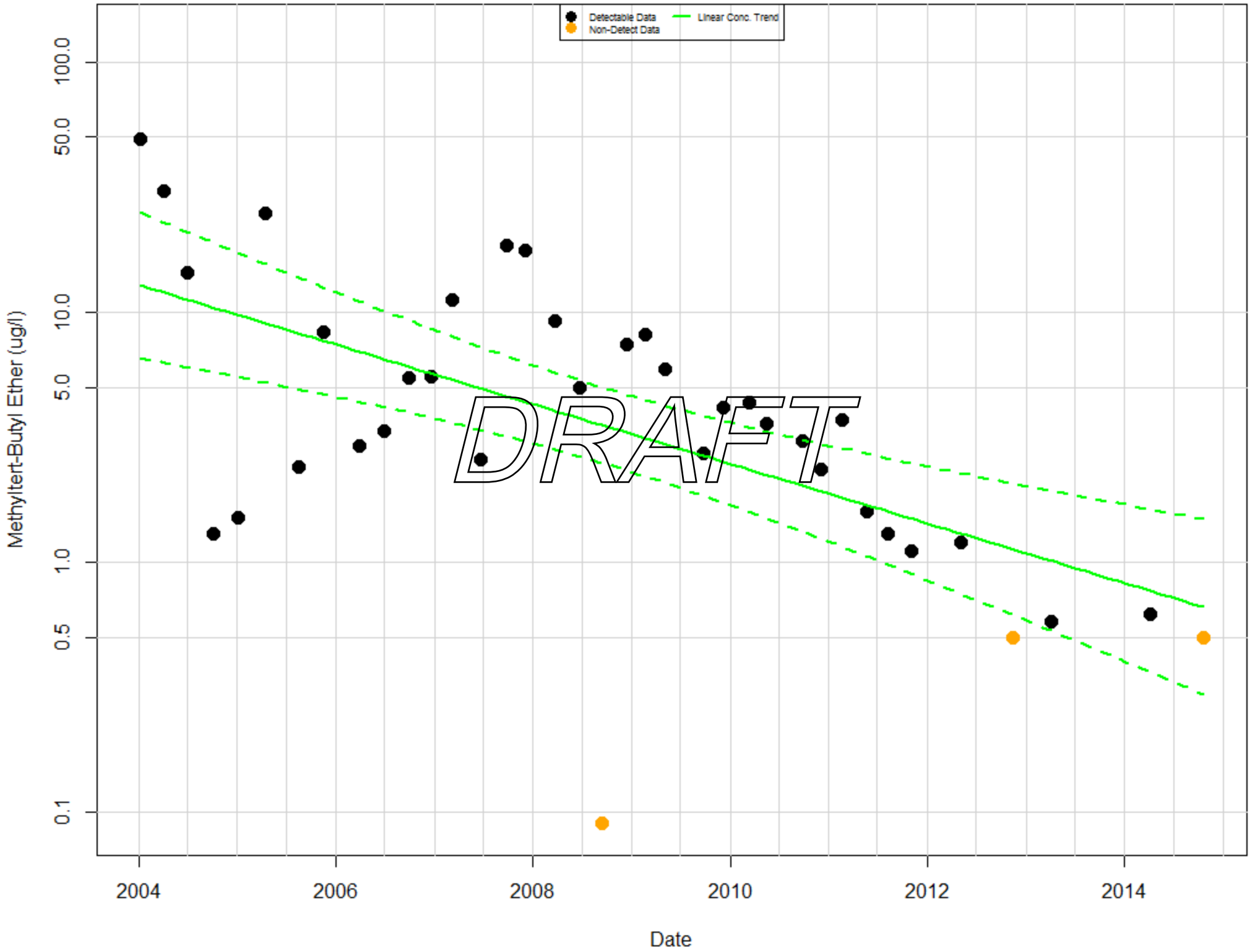
Methyltert-Butyl Ether in MW-02 : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 815 days



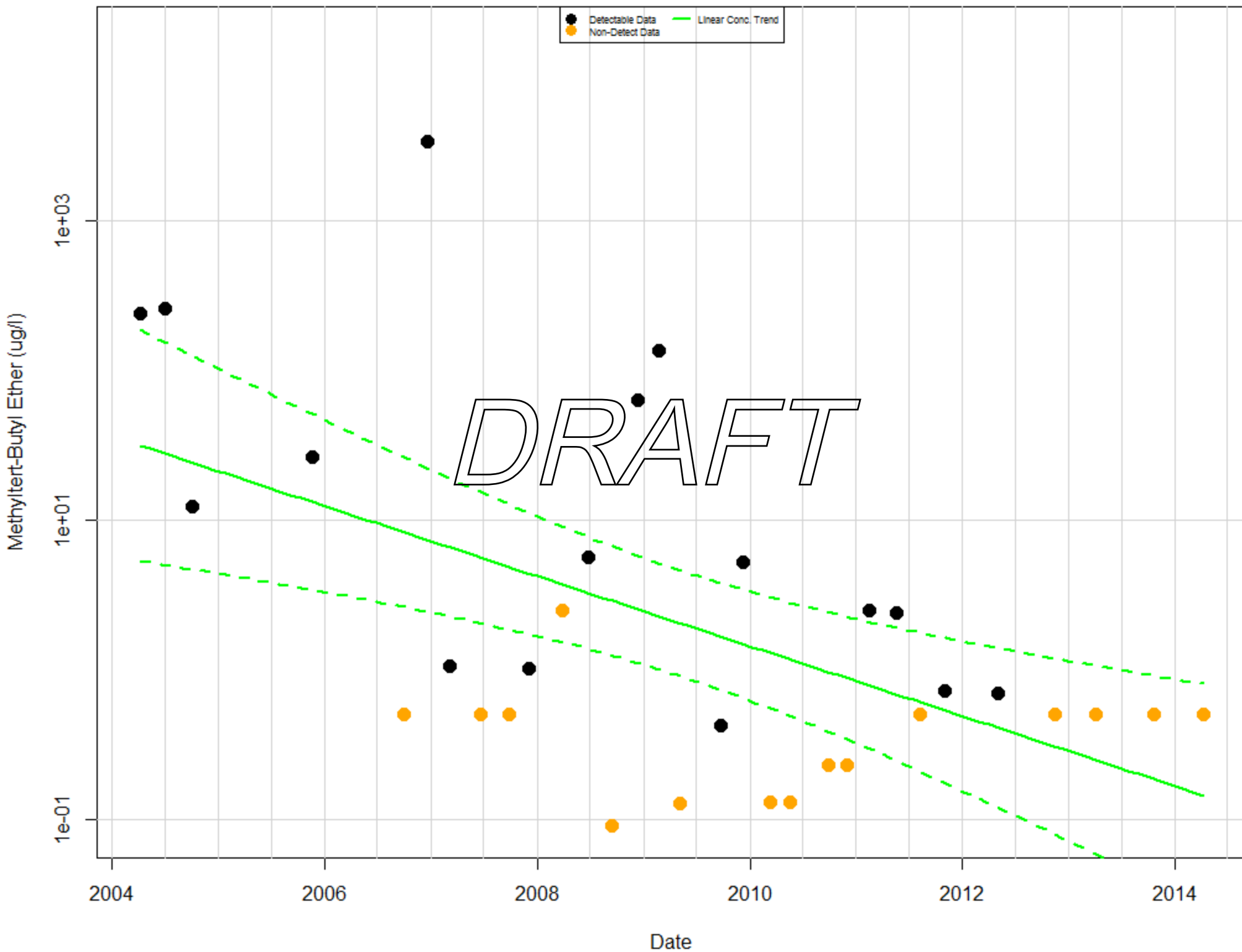
Methyltert-Butyl Ether in MW-04 : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 922 days



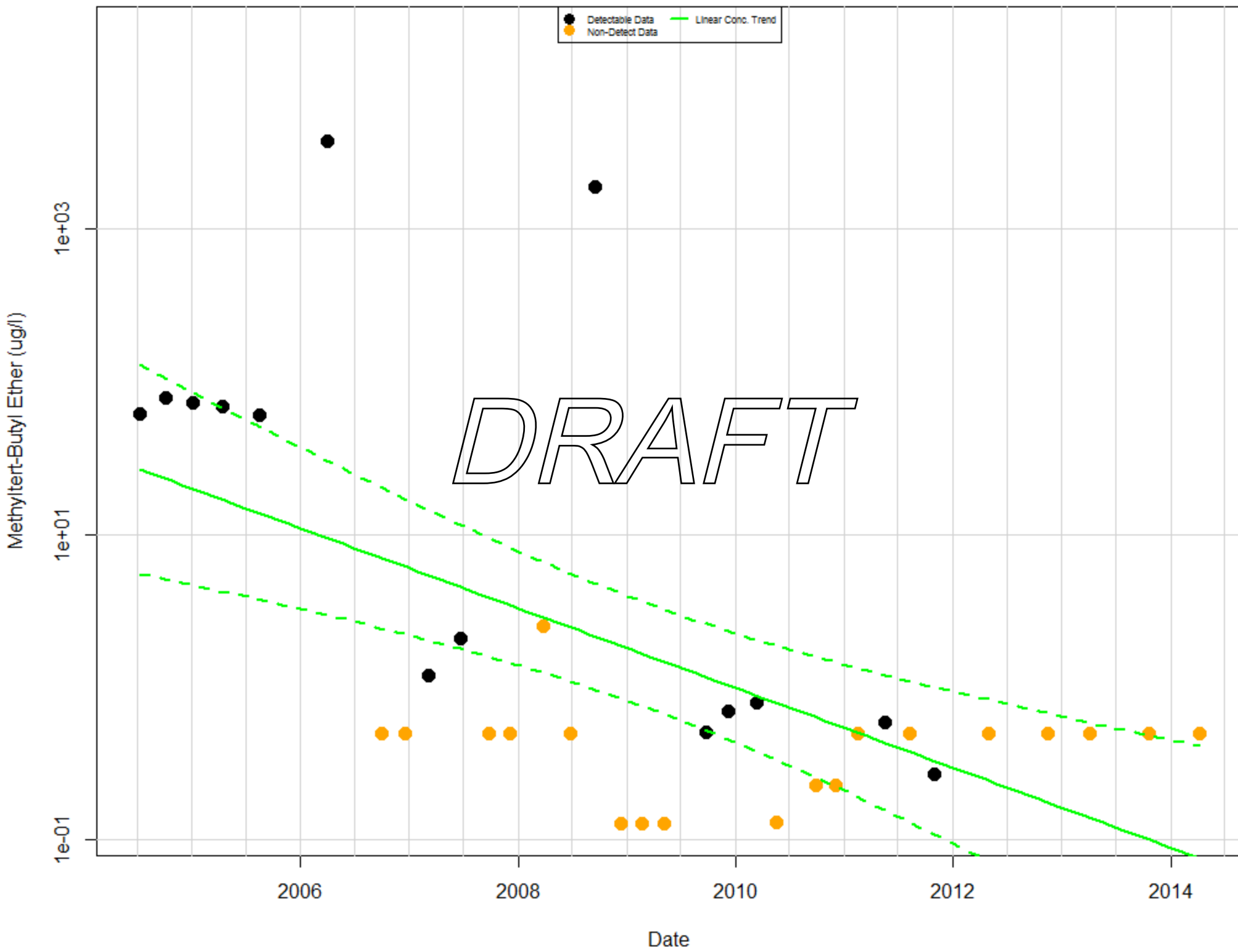
Methyltert-Butyl Ether in MW-05D : Aquifer-B

Mann-Kendall P.Value= 0.0187; Half-Life= 470 days



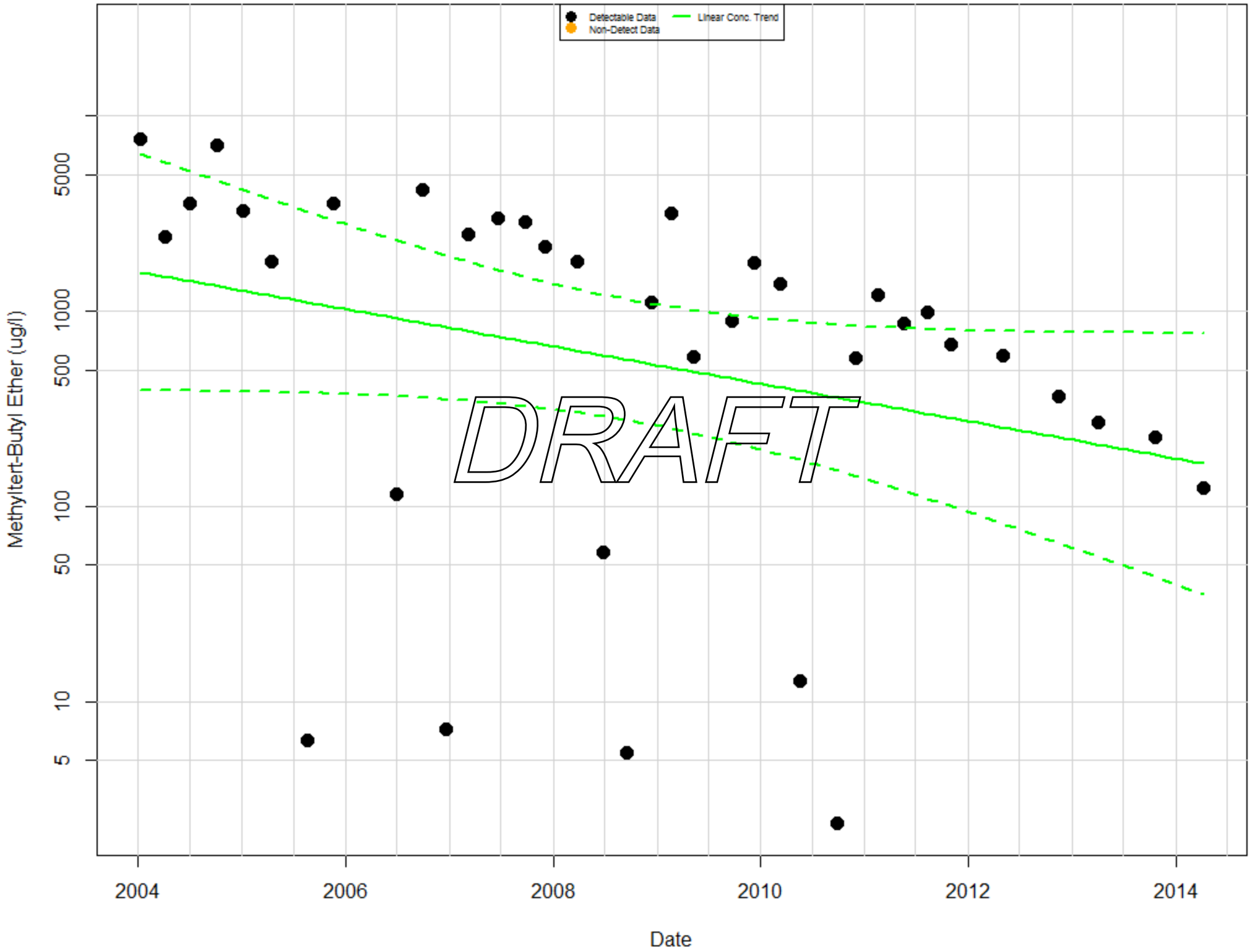
Methyltert-Butyl Ether in MW-05R : Aquifer-A

Mann-Kendall P.Value= <0.01; Half-Life= 421 days



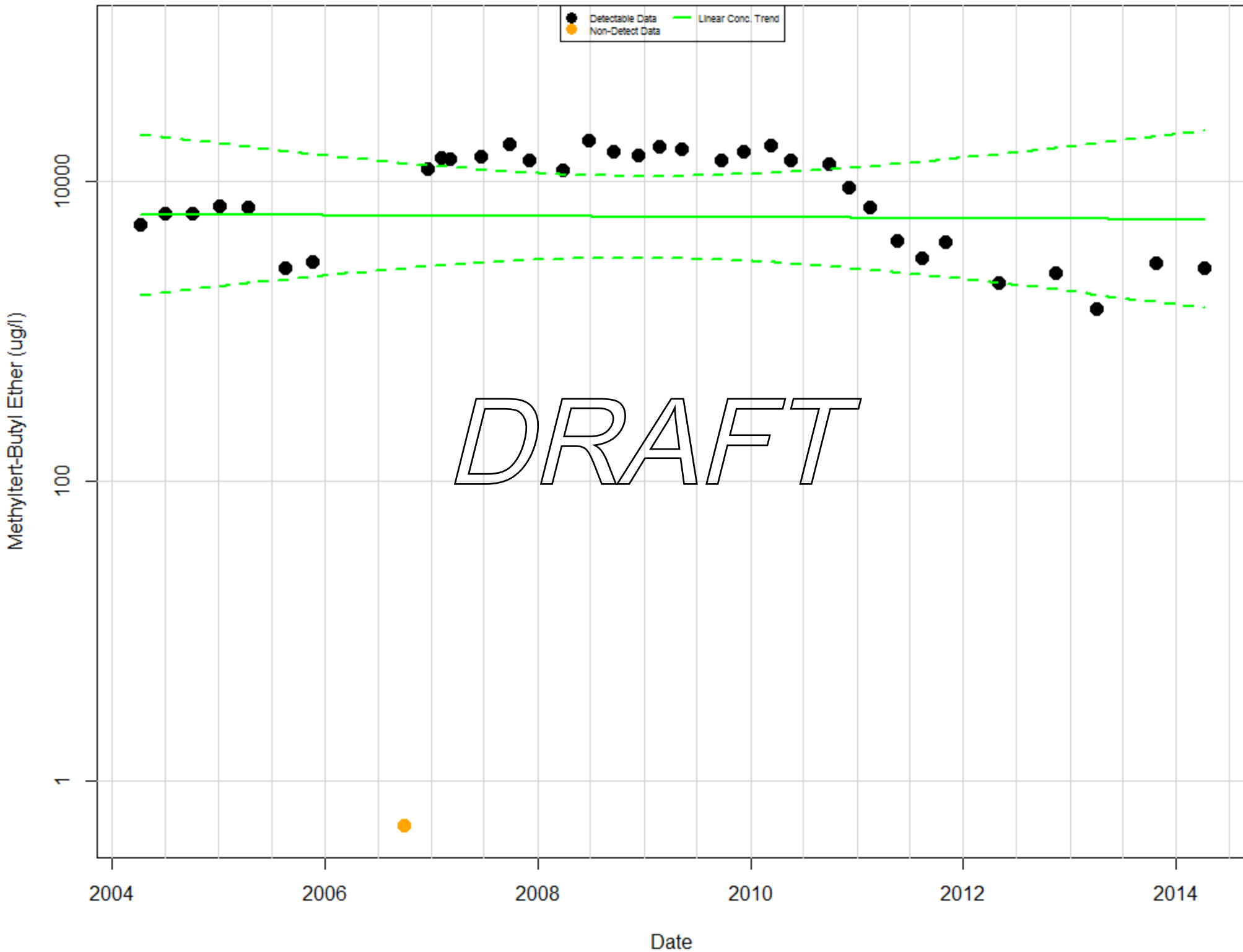
Methyltert-Butyl Ether in MW-05S : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 1151 days



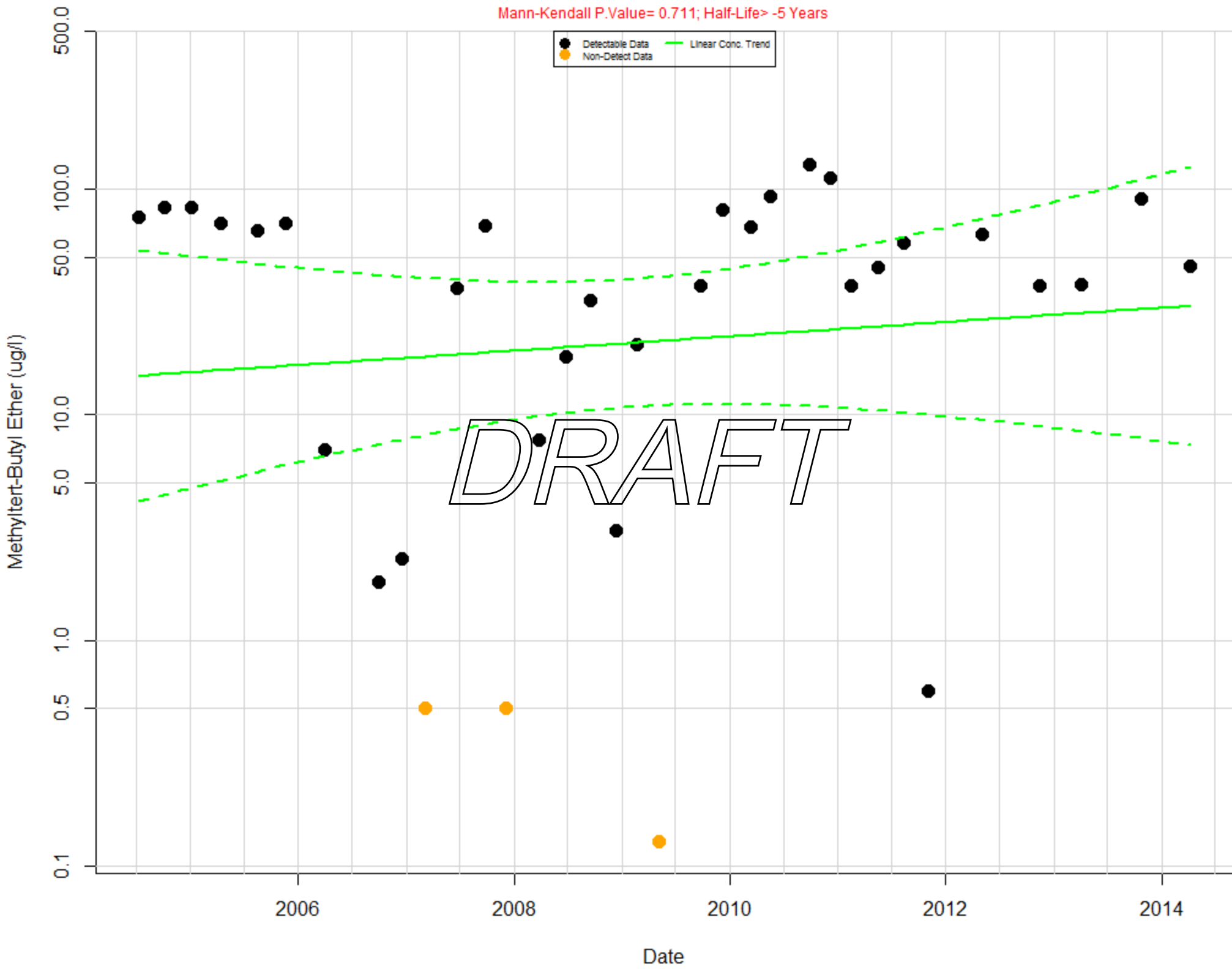
Methyltert-Butyl Ether in MW-06D : Aquifer-B

Mann-Kendall P.Value= 0.262; Half-Life> 5 Years



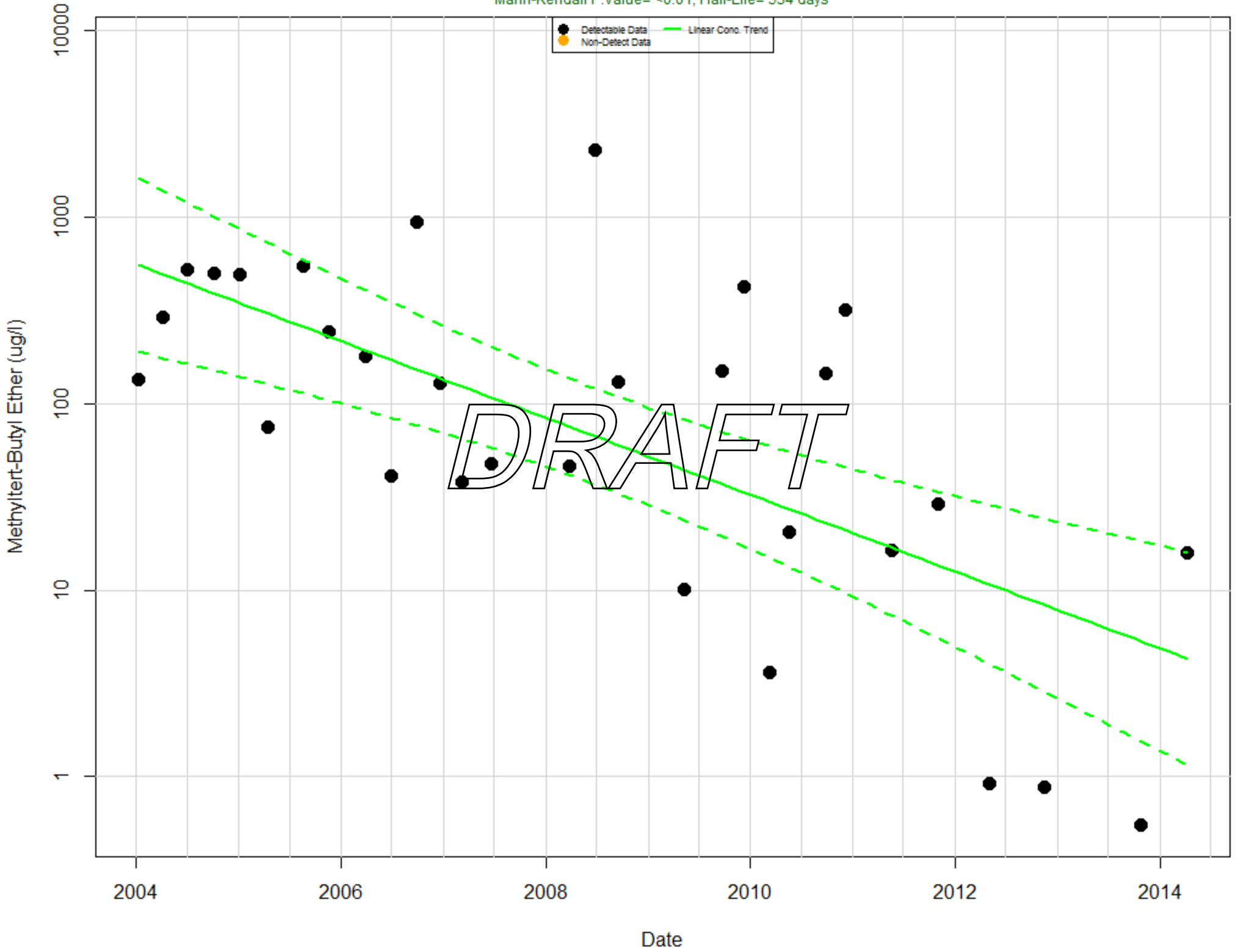
Methyltert-Butyl Ether in MW-06R : Aquifer-A

Mann-Kendall P.Value= 0.711; Half-Life> -5 Years



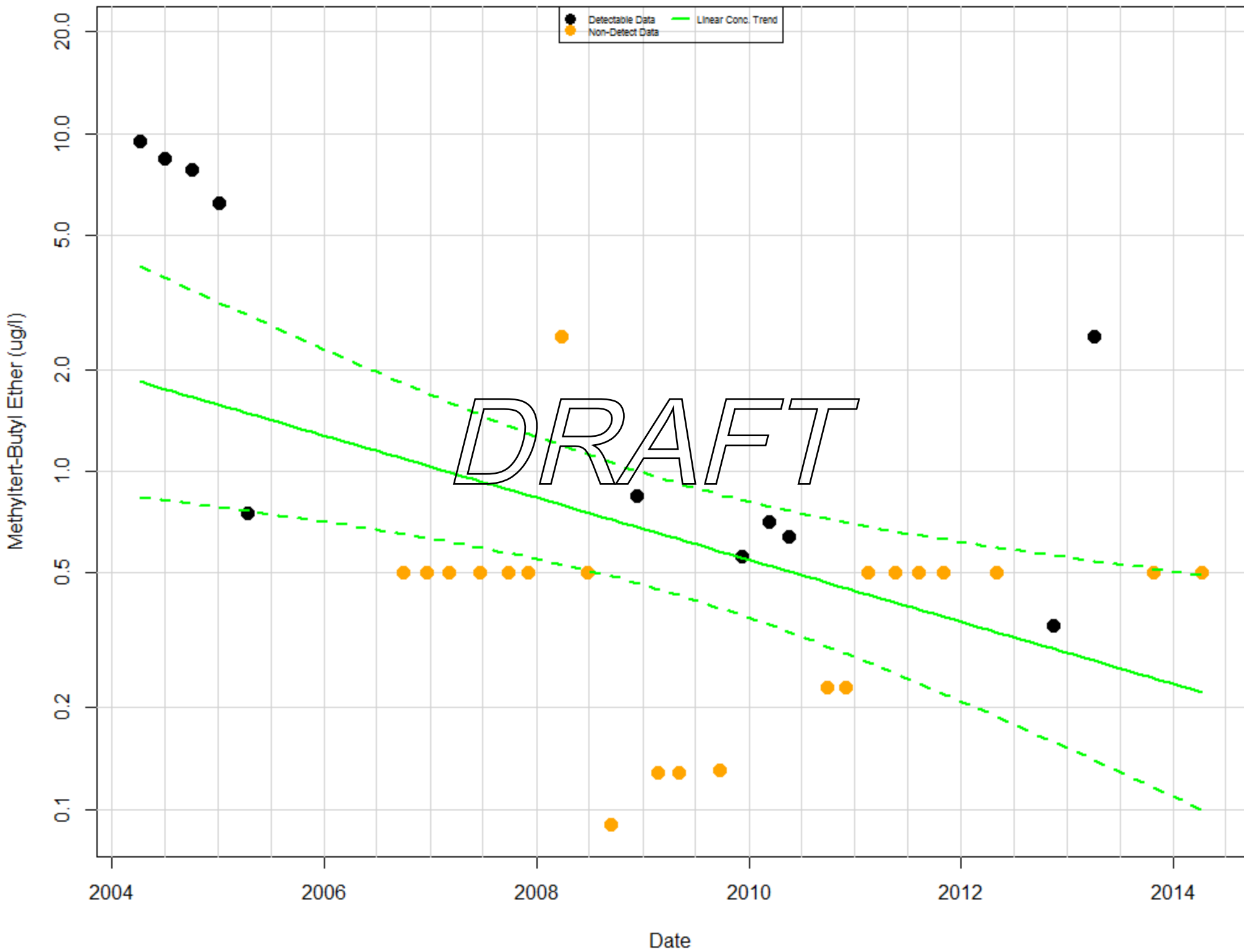
Methyltert-Butyl Ether in MW-06S : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 534 days



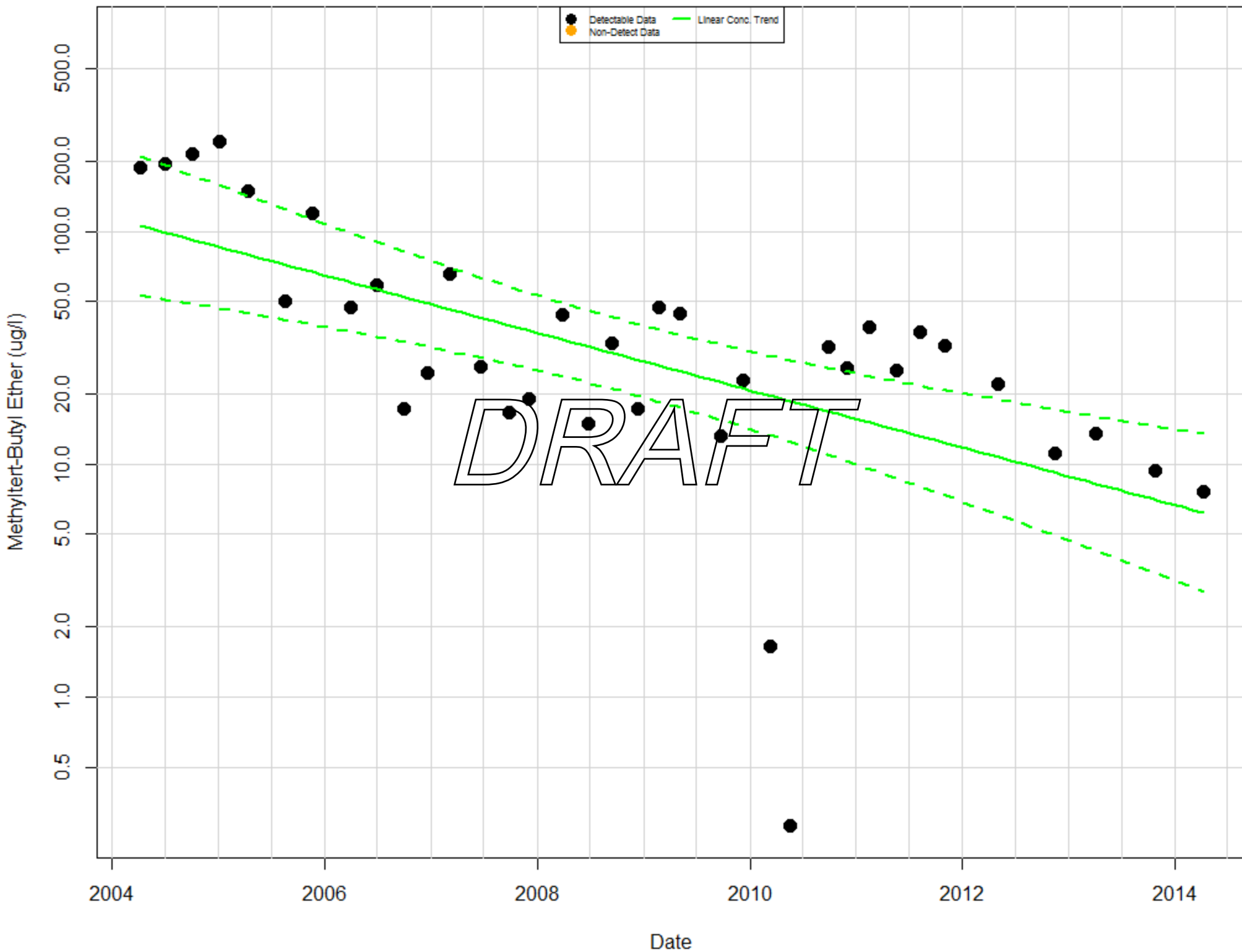
Methyltert-Butyl Ether in MW-07D : Aquifer-B

Mann-Kendall P.Value= 0.0337; Half-Life= 1197 days



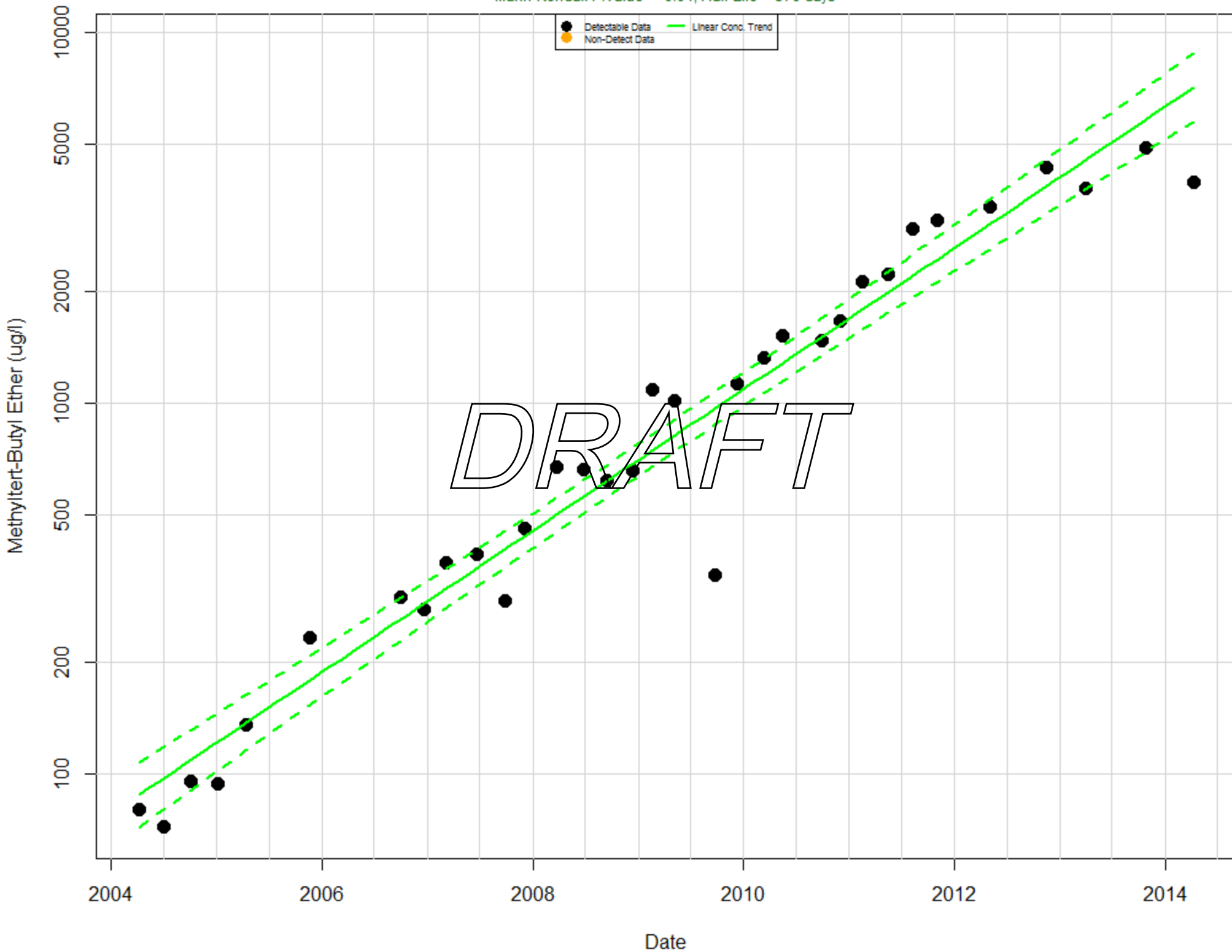
Methyltert-Butyl Ether in MW-07S : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 892 days



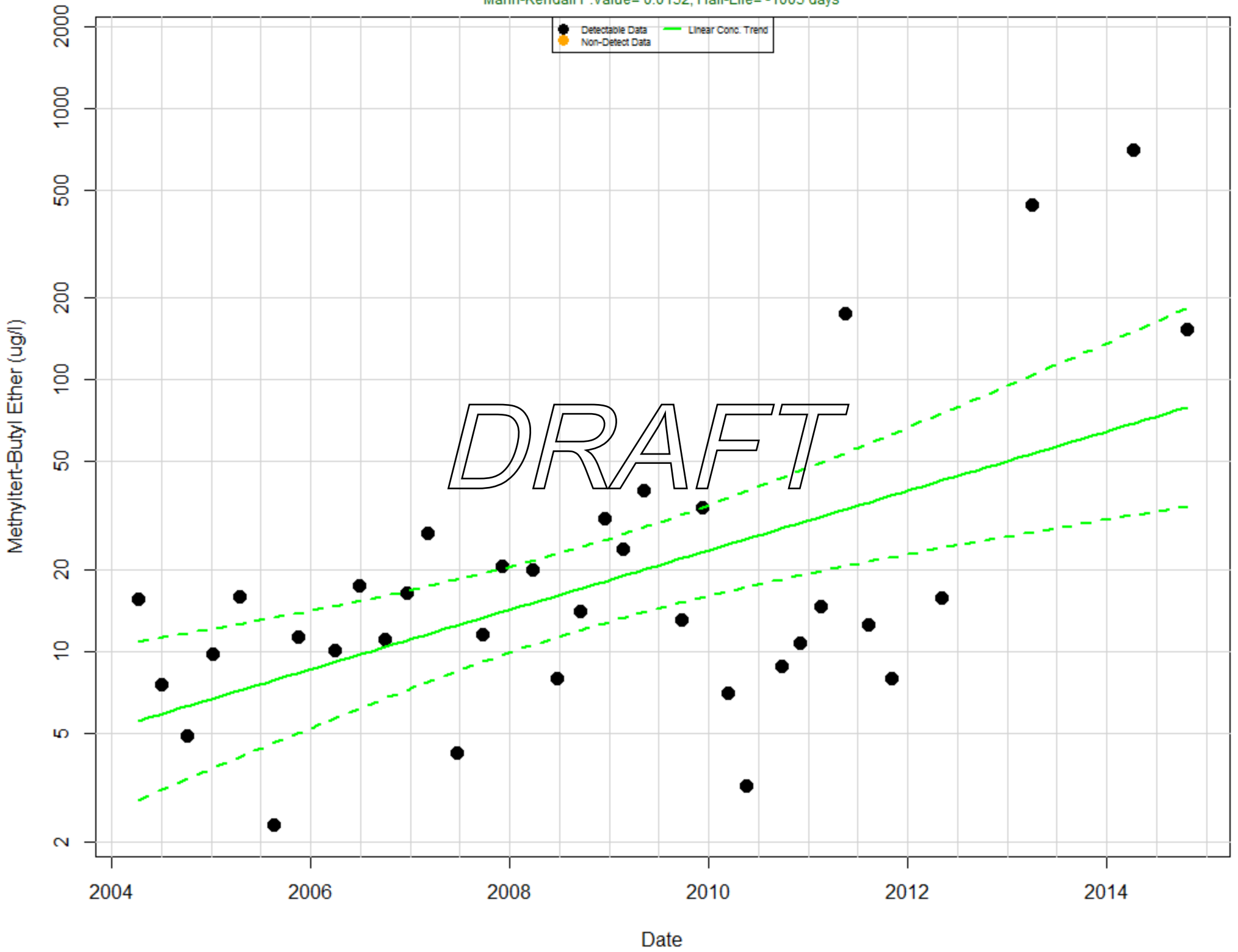
Methyltert-Butyl Ether in MW-08D : Aquifer-B

Mann-Kendall P.Value= <0.01; Half-Life= -576 days



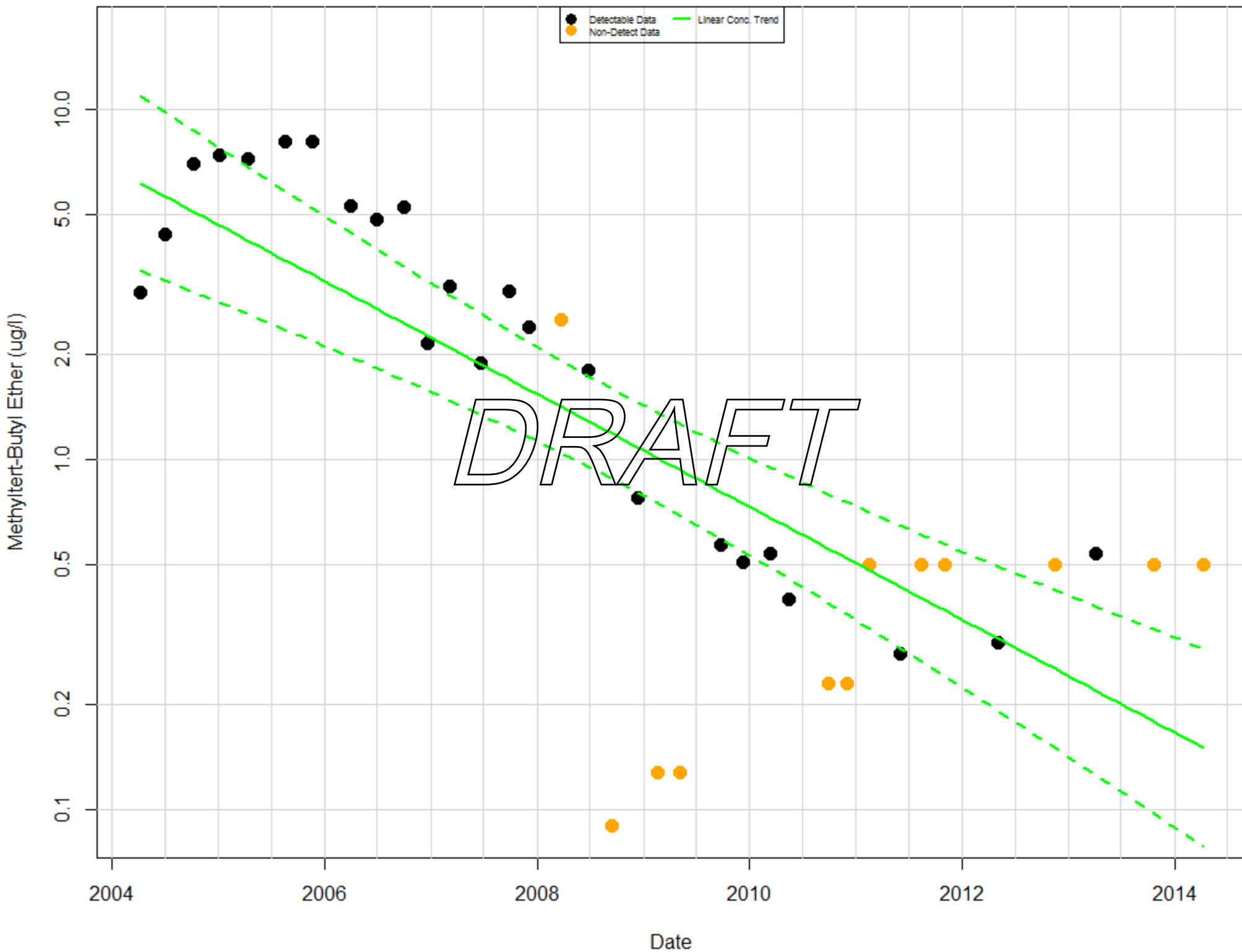
Methyltert-Butyl Ether in MW-08S : Aquifer-C

Mann-Kendall P.Value= 0.0152; Half-Life= -1005 days



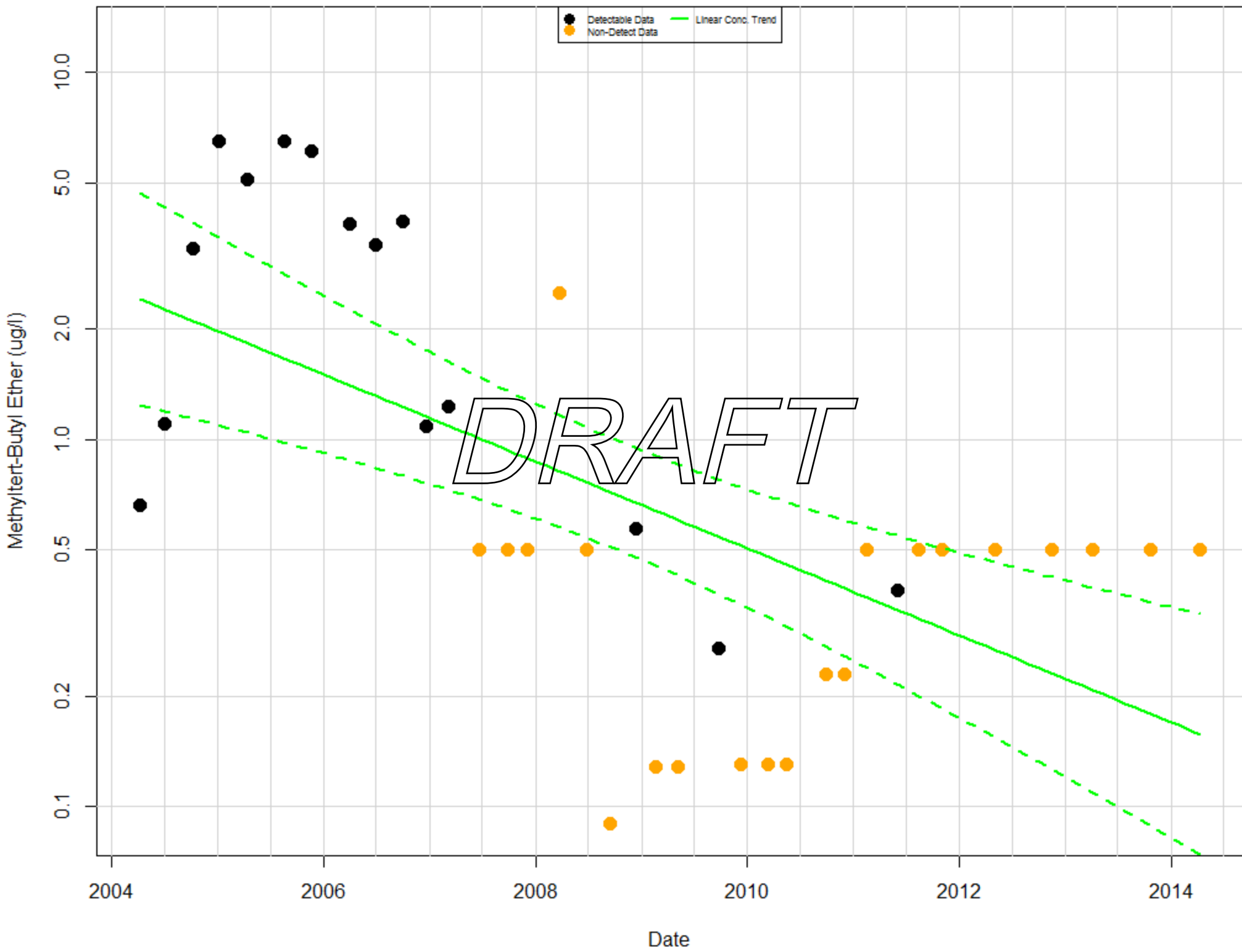
Methyltert-Butyl Ether in MW-09D : Aquifer-B

Mann-Kendall P.Value= <0.01; Half-Life= 683 days



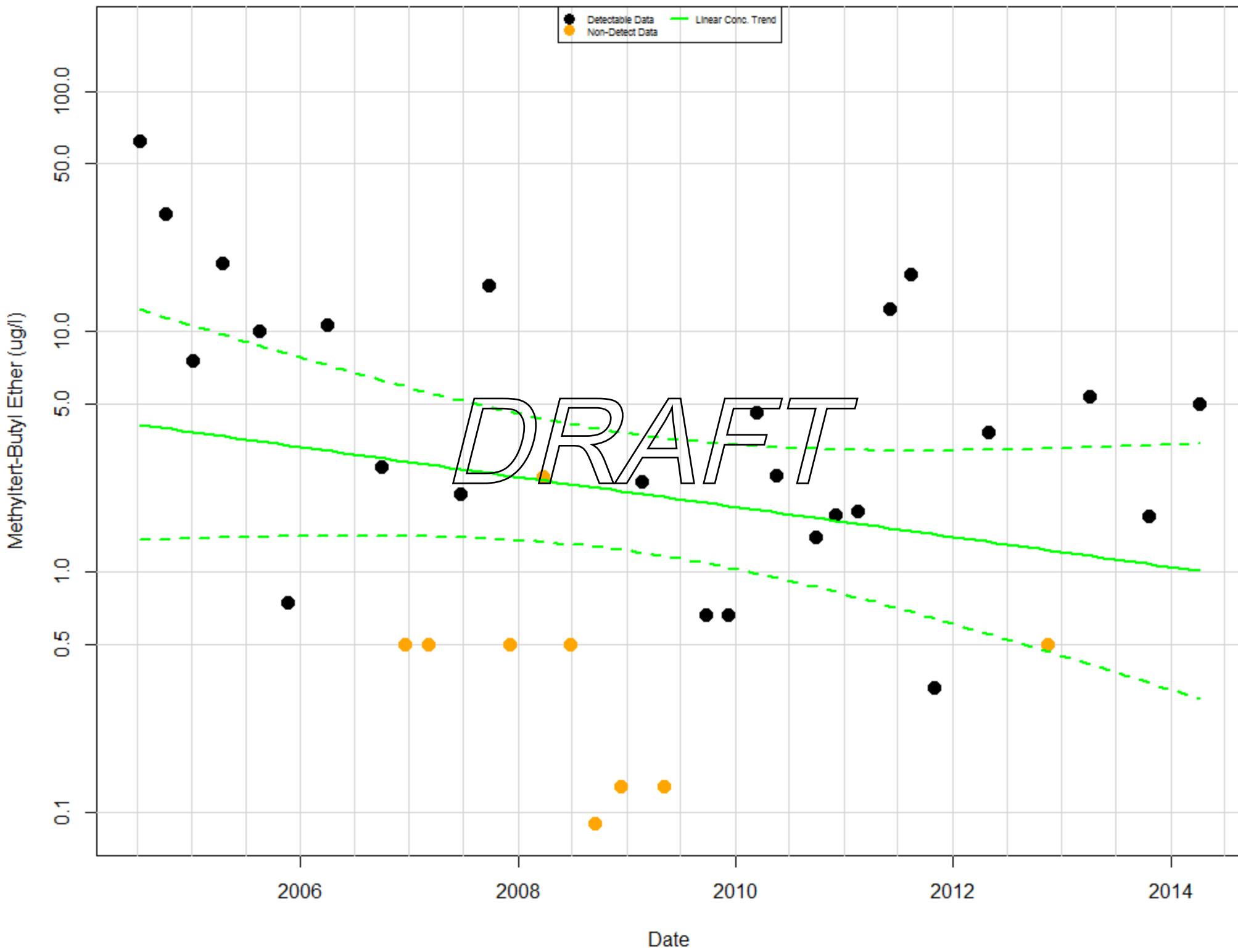
Methyltert-Butyl Ether in MW-09S : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 929 days



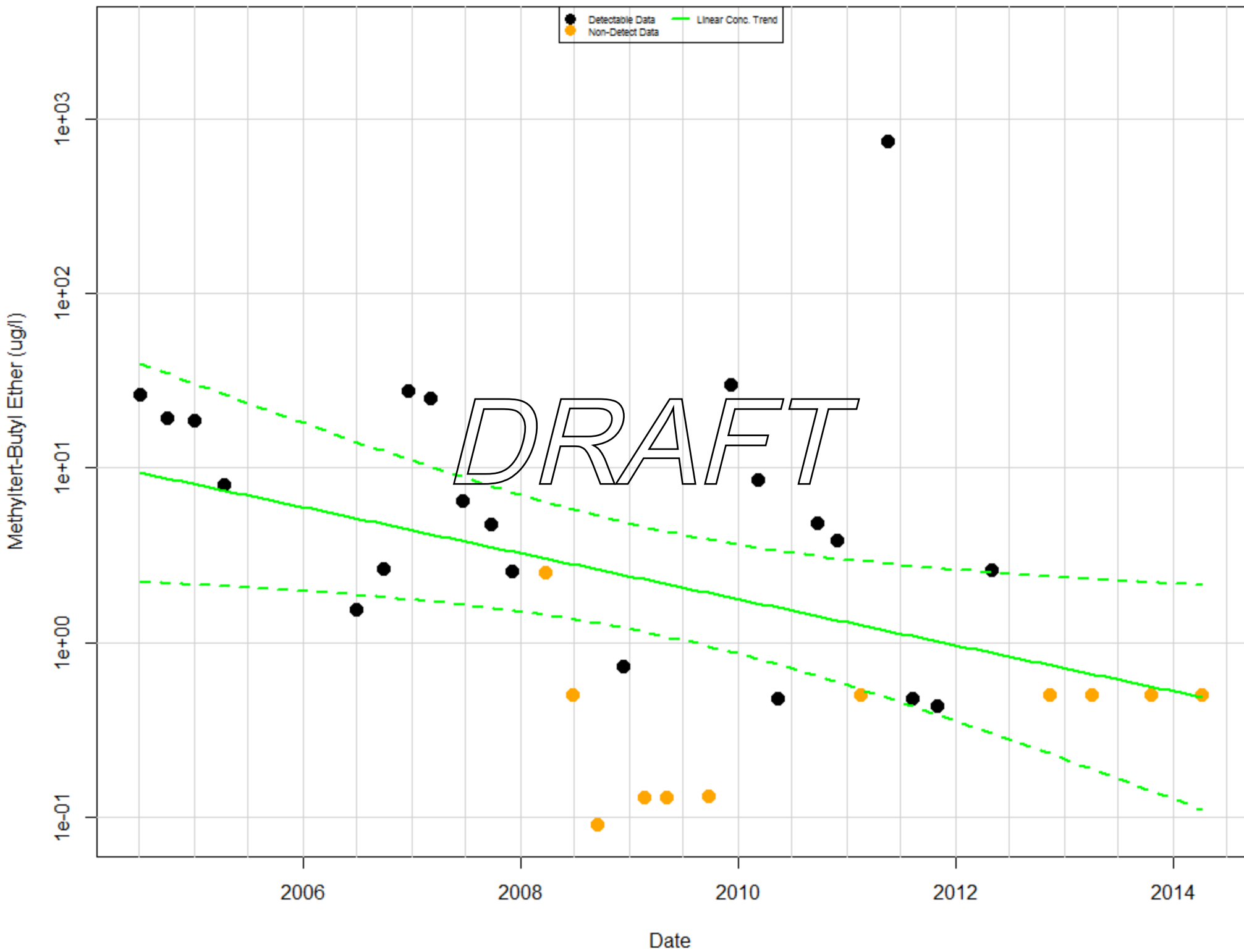
Methyltert-Butyl Ether in MW-11D : Aquifer-B

Mann-Kendall P.Value= 0.259; Half-Life= 1762 days



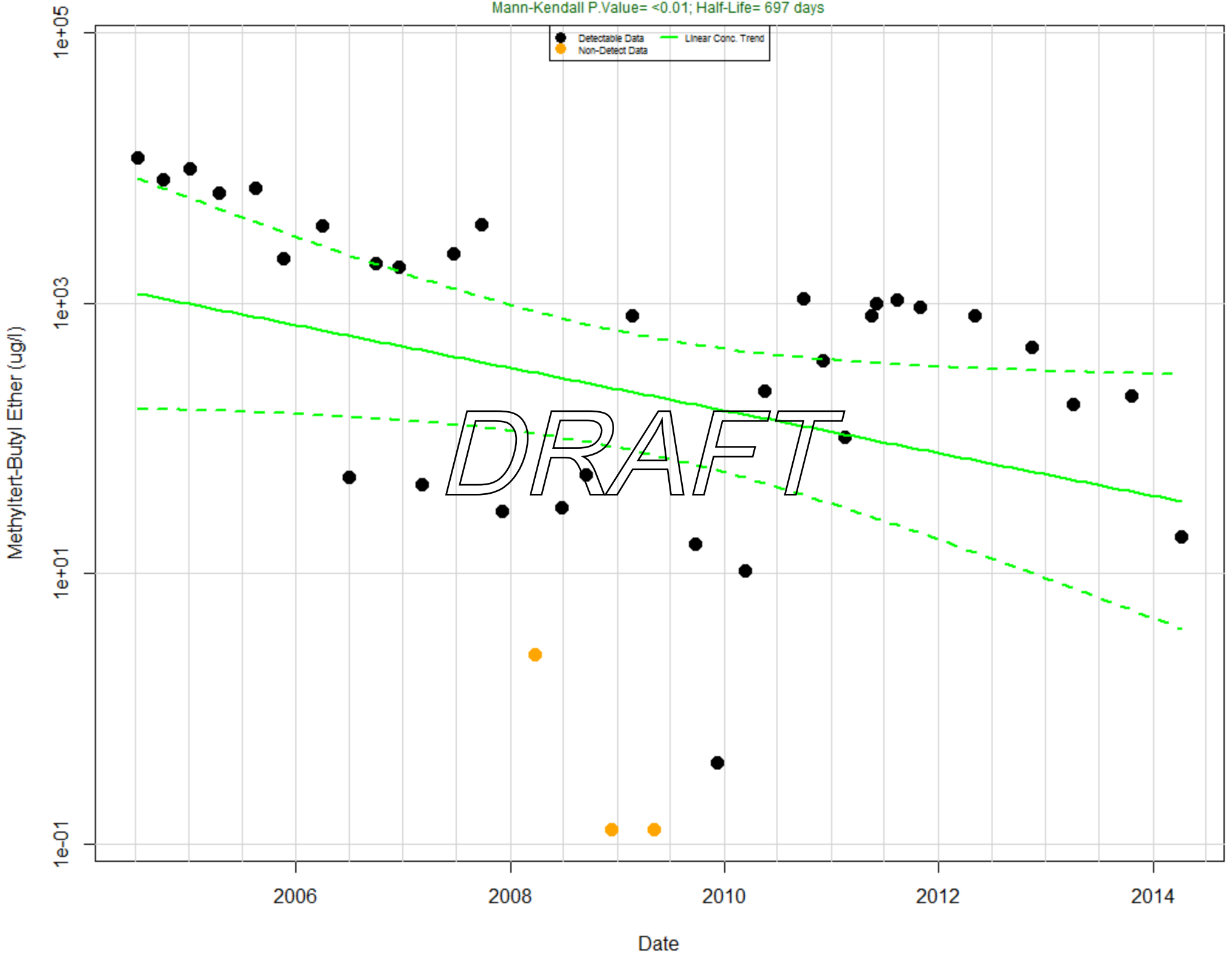
Methyltert-Butyl Ether in MW-11R : Aquifer-A

Mann-Kendall P.Value= 0.0111; Half-Life= 833 days



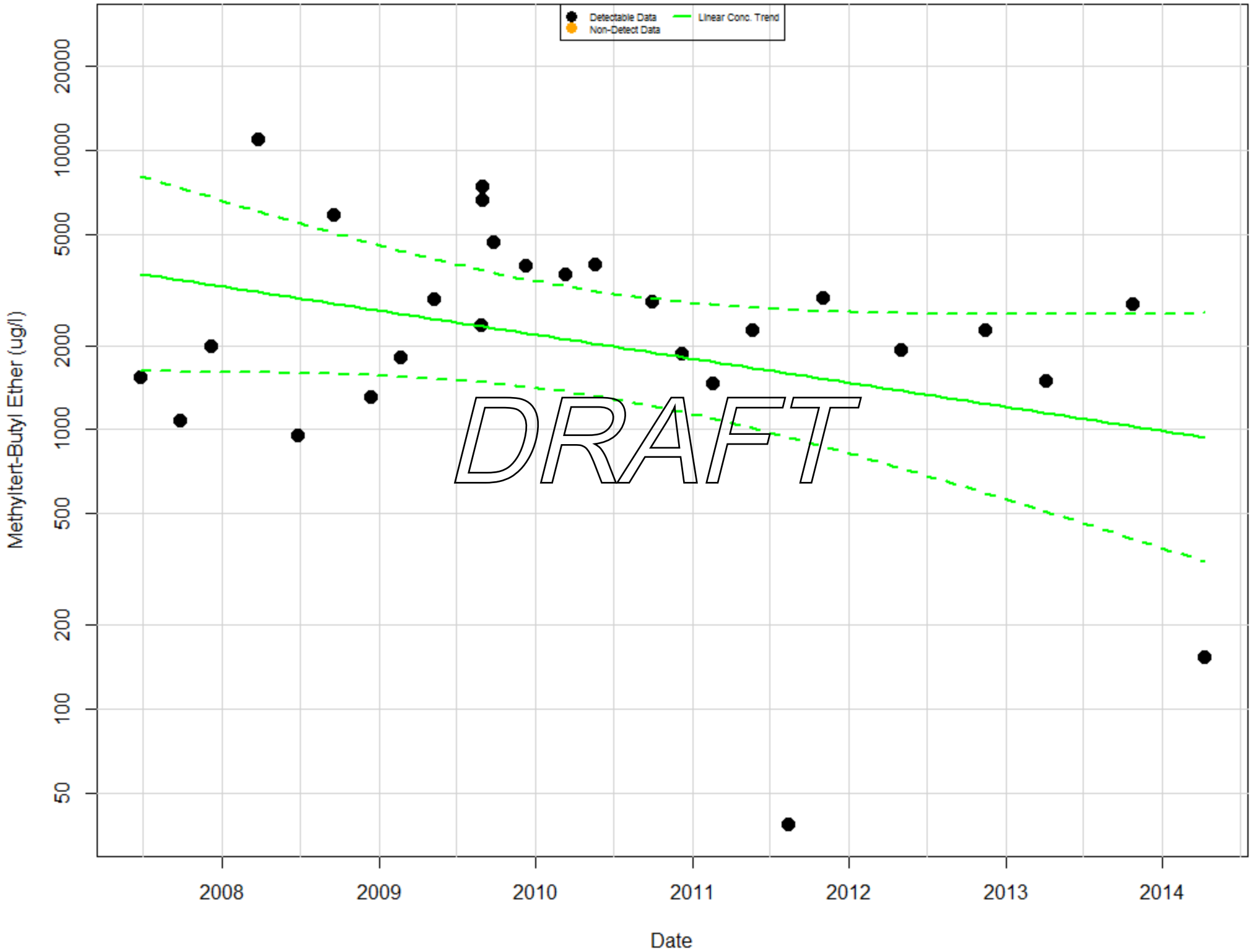
Methyltert-Butyl Ether in MW-11S : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 697 days



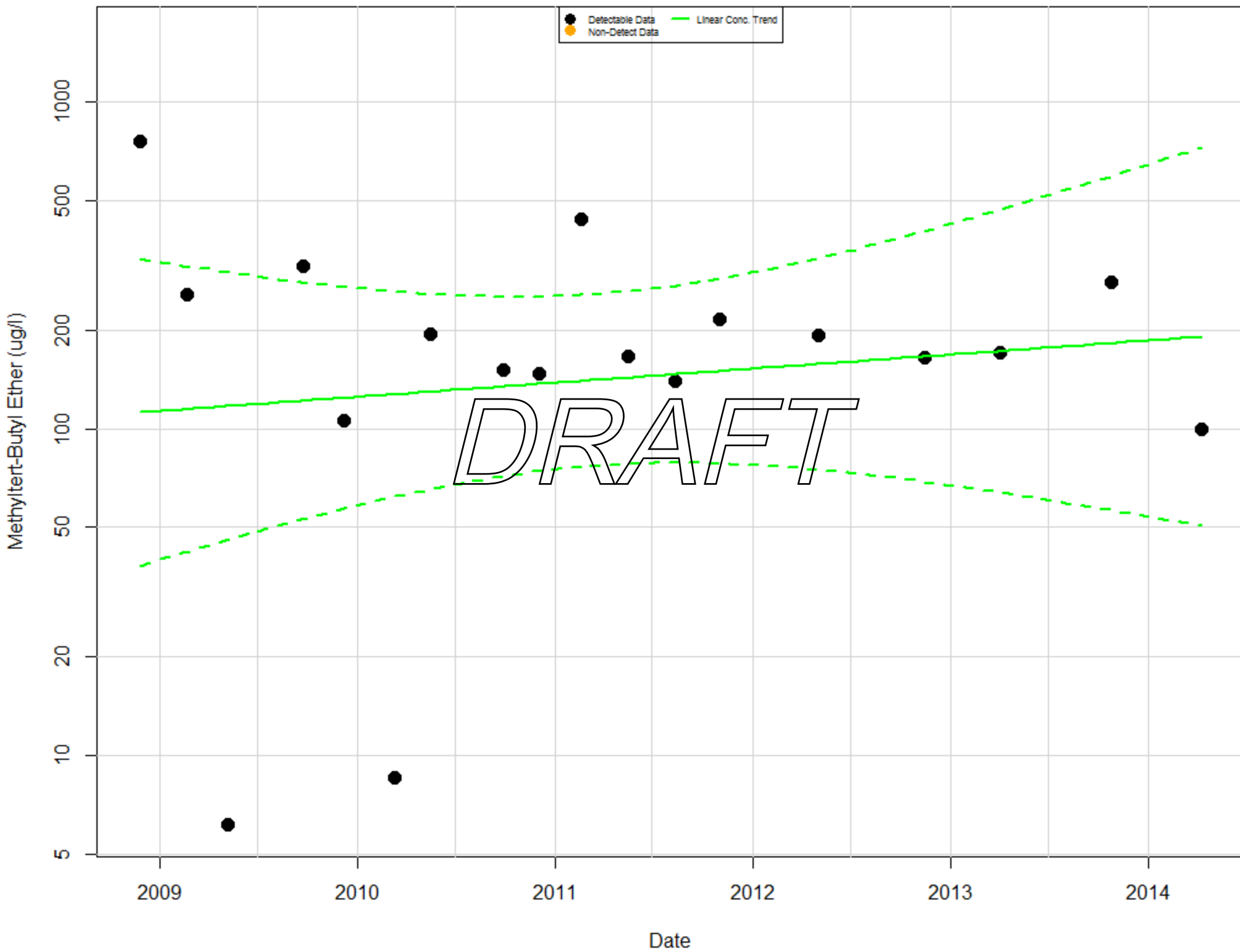
Methyltert-Butyl Ether in MW-12 : Aquifer-B

Mann-Kendall P.Value= 0.393; Half-Life= 1275 days



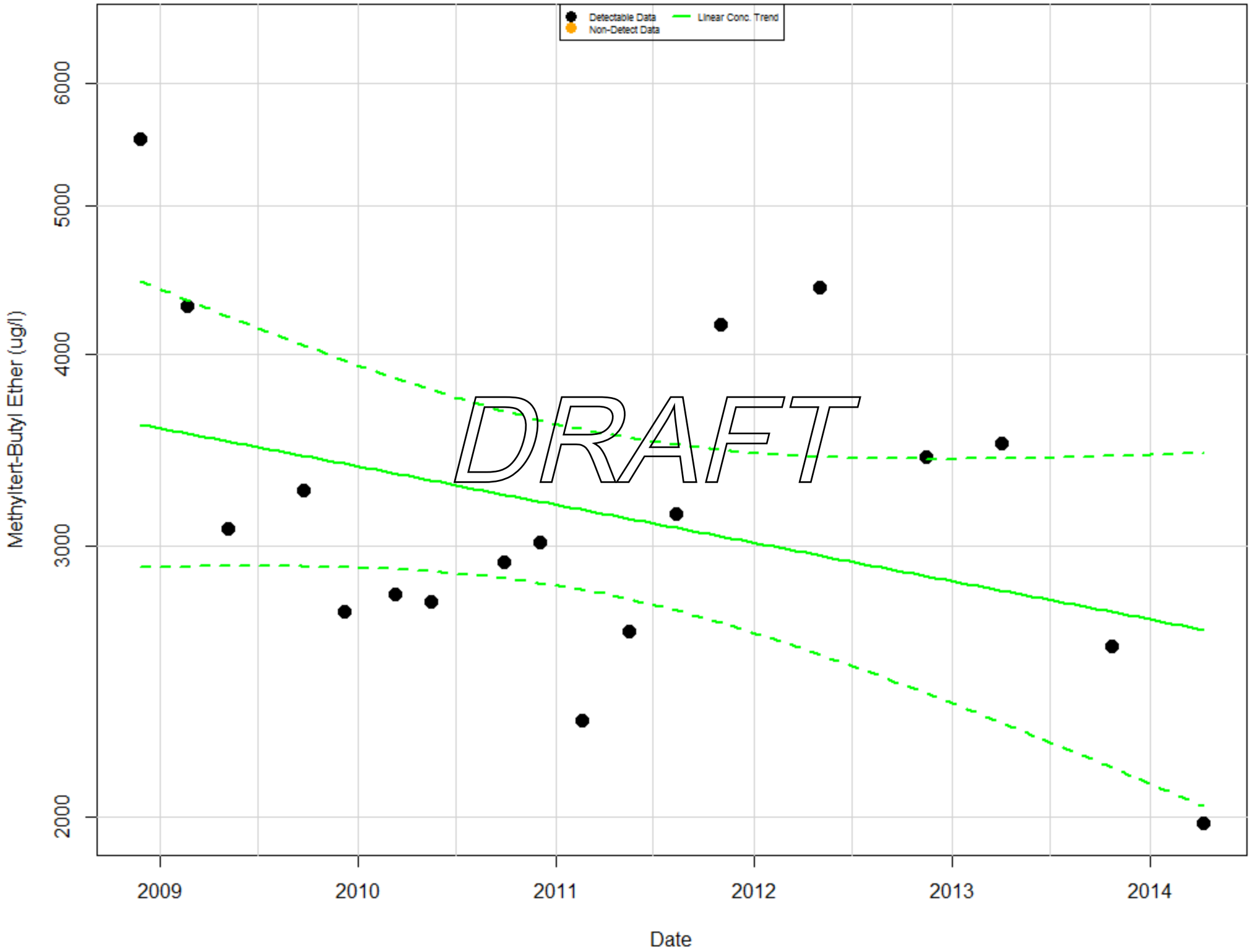
Methyltert-Butyl Ether in MW-13D : Aquifer-B

Mann-Kendall P.Value= 0.82; Half-Life> -5 Years



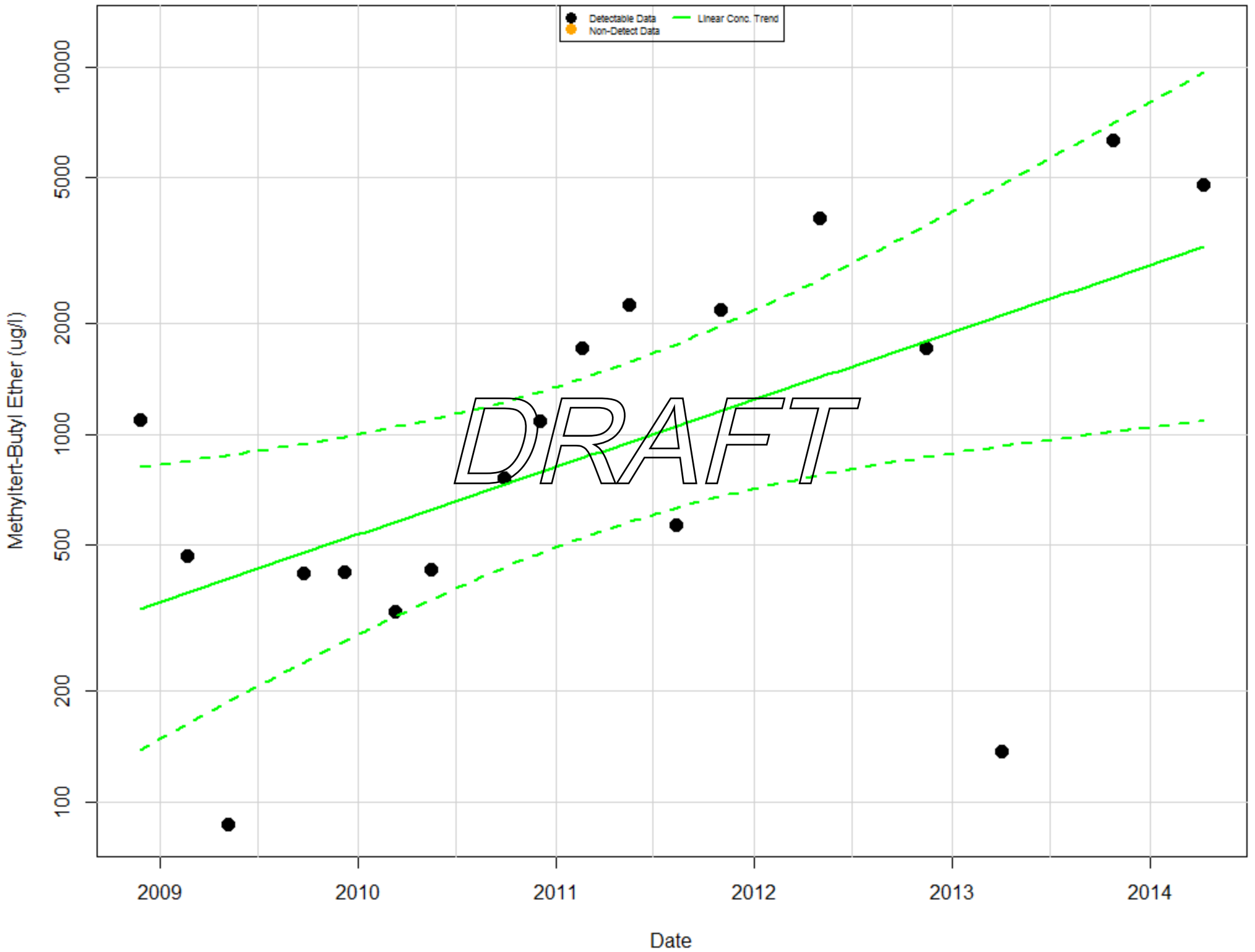
Methyltert-Butyl Ether in MW-13S : Aquifer-C

Mann-Kendall P.Value= 0.325; Half-Life> 5 Years



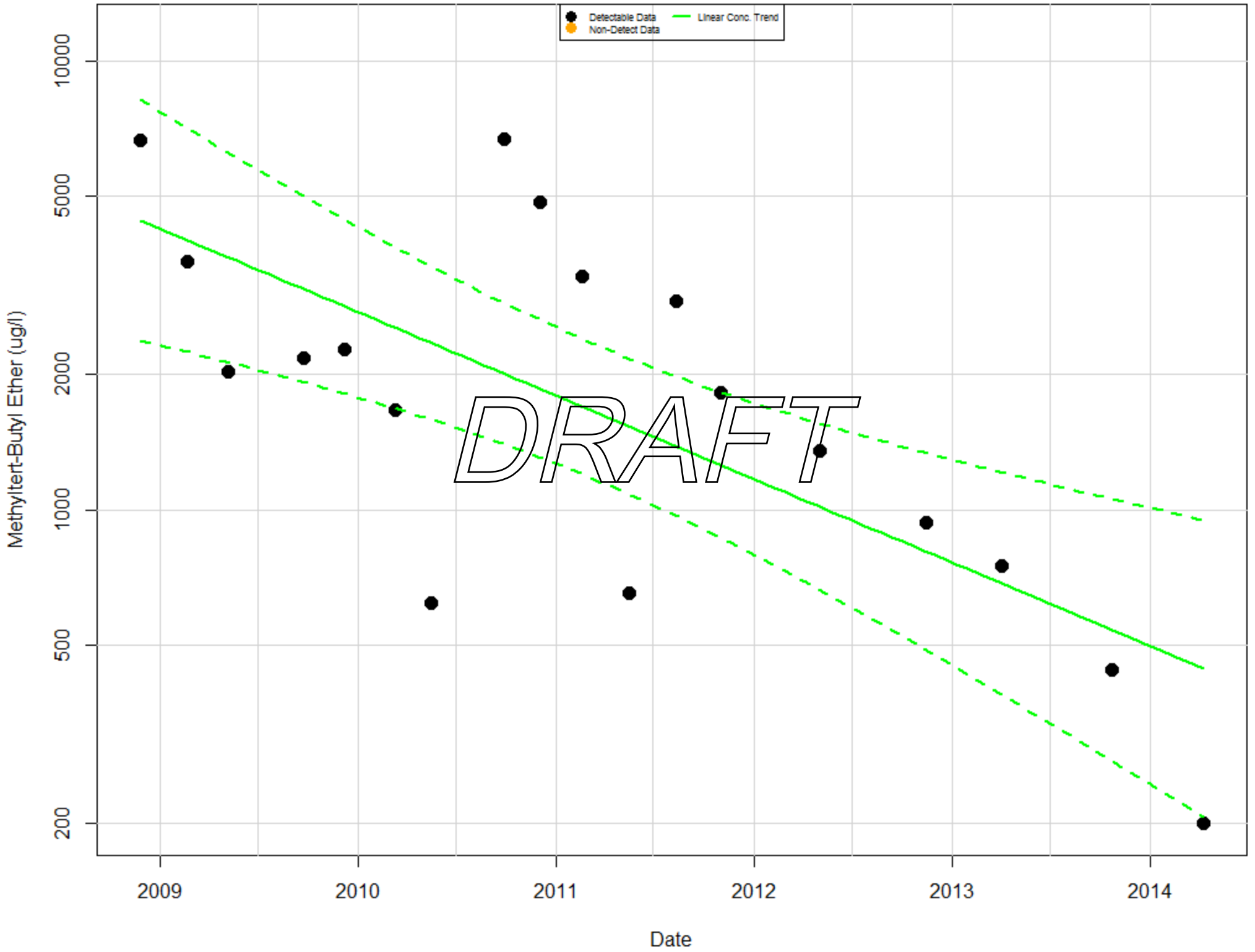
Methyltert-Butyl Ether in MW-14D : Aquifer-B

Mann-Kendall P.Value= <0.01; Half-Life= -600 days



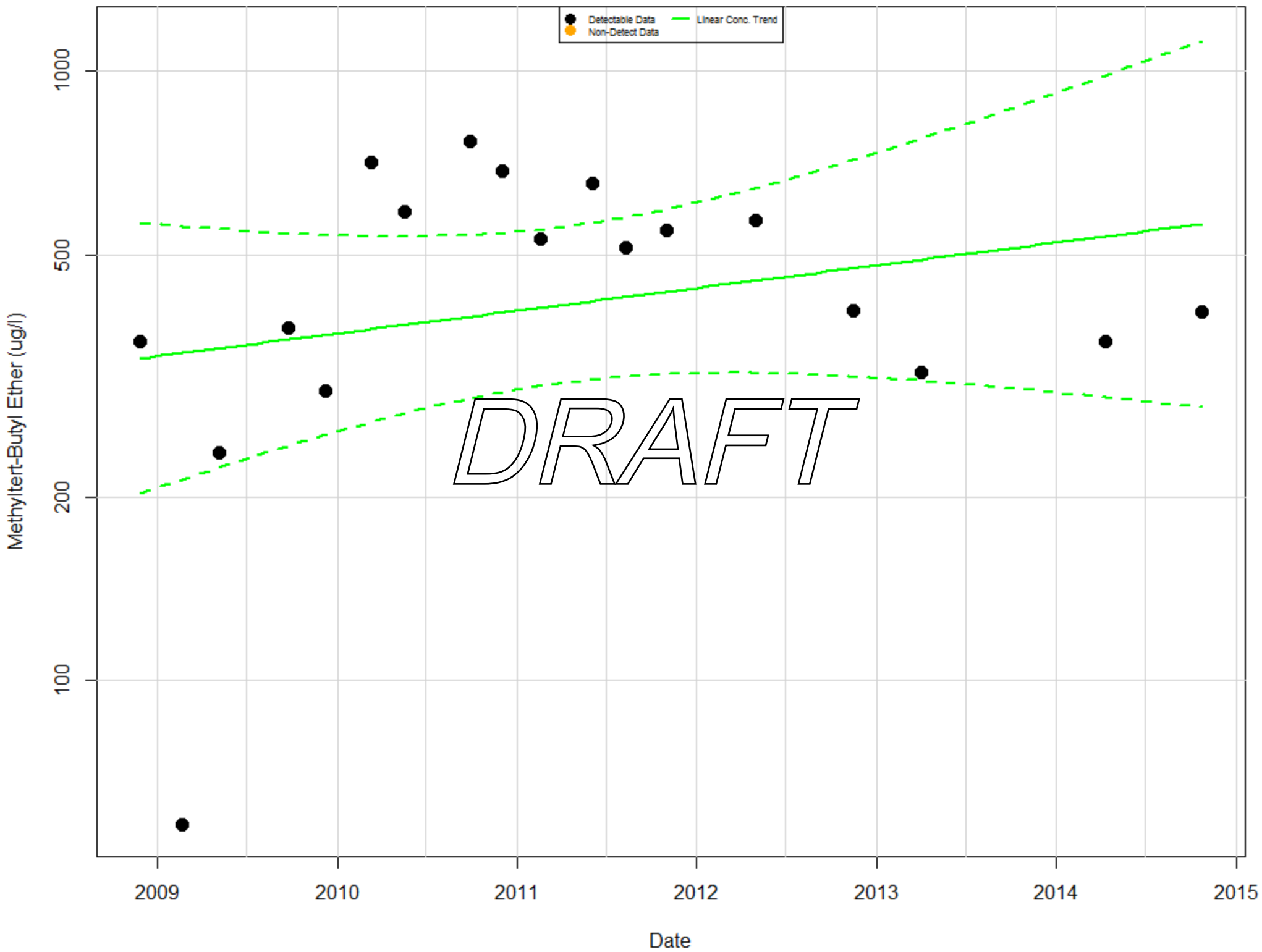
Methyltert-Butyl Ether in MW-14S : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 591 days



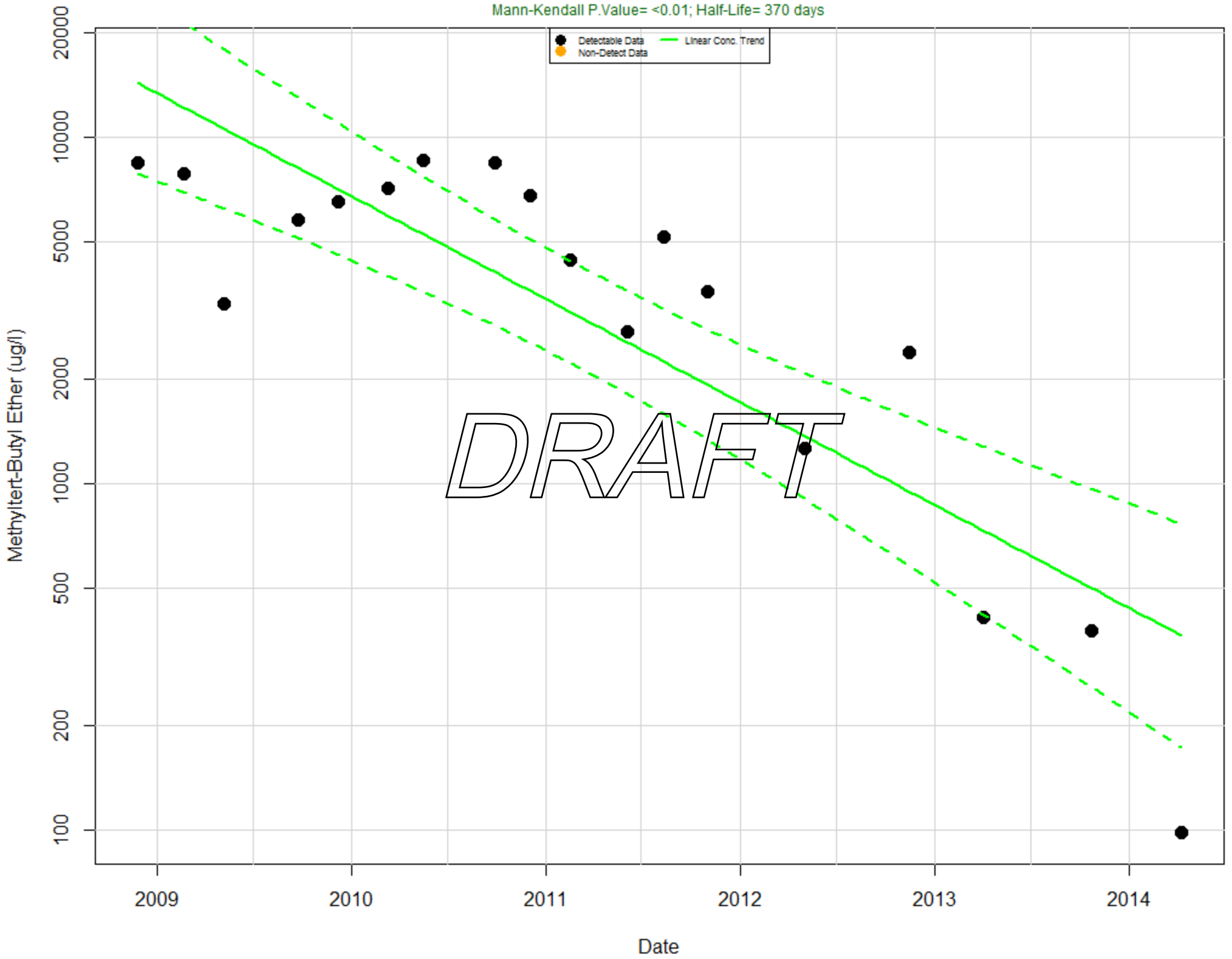
Methyltert-Butyl Ether in MW-15D : Aquifer-B

Mann-Kendall P.Value= 0.82; Half-Life> -5 Years



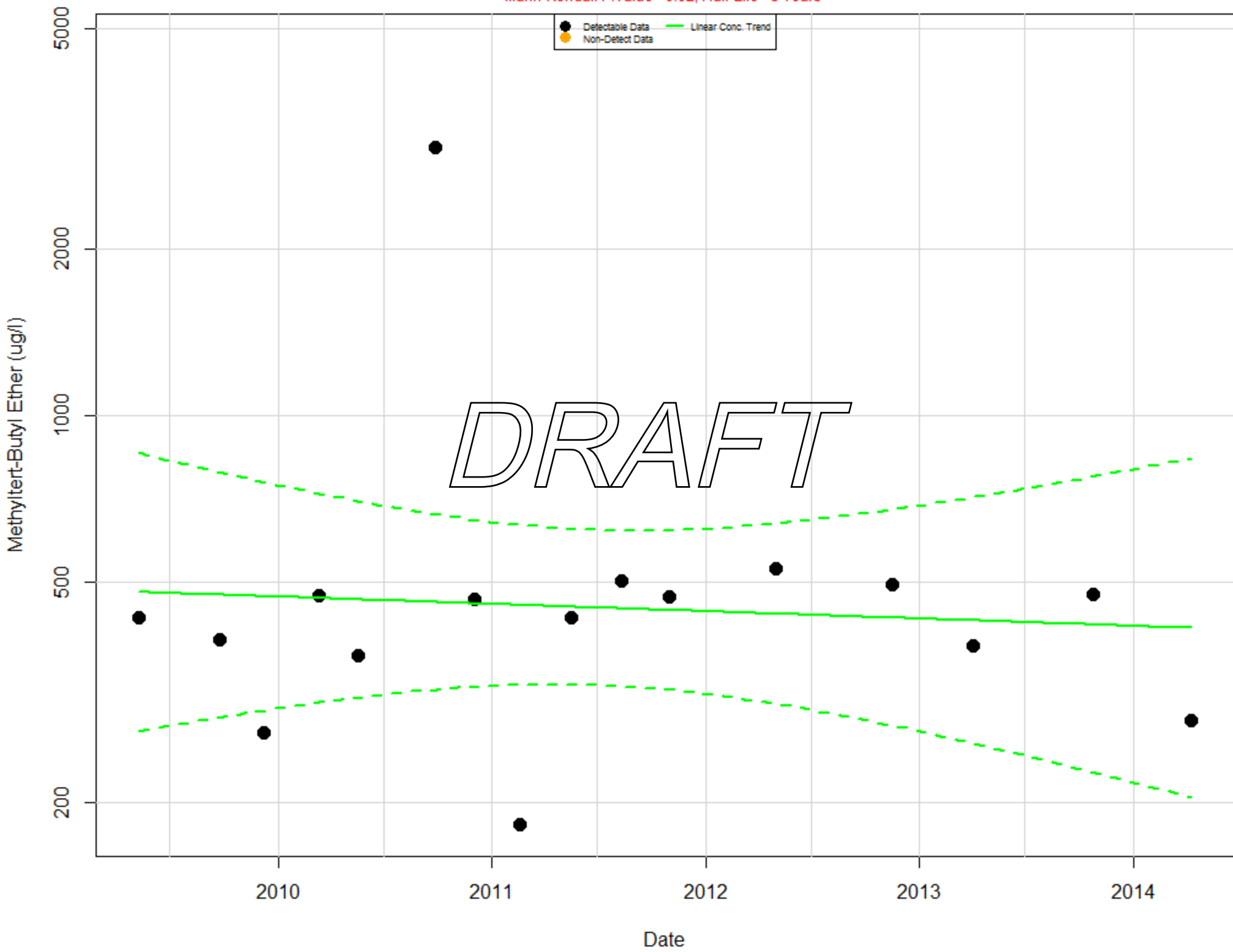
Methyltert-Butyl Ether in MW-15S : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 370 days



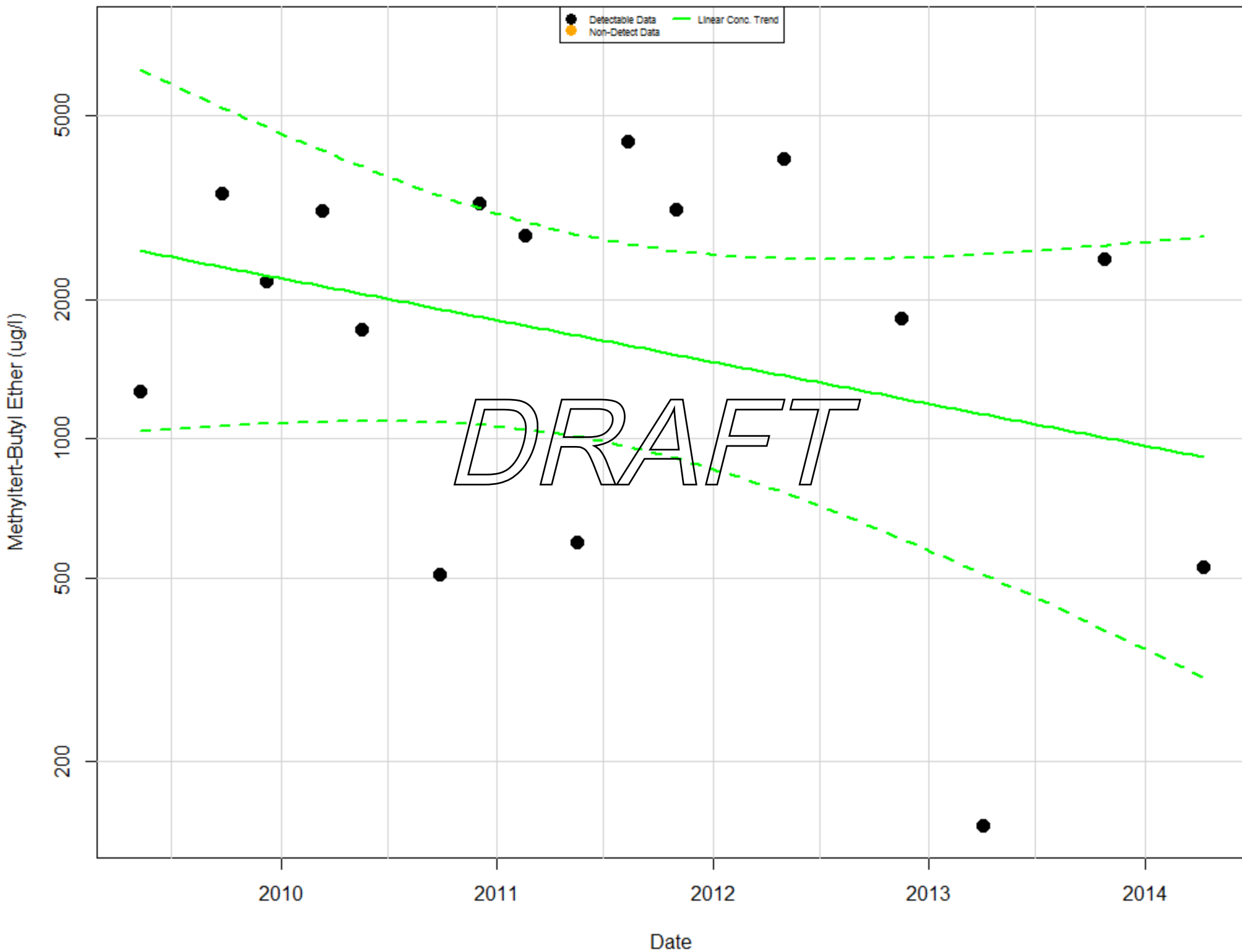
Methyltert-Butyl Ether in MW-16D : Aquifer-B

Mann-Kendall P.Value= 0.62; Half-Life> 5 Years



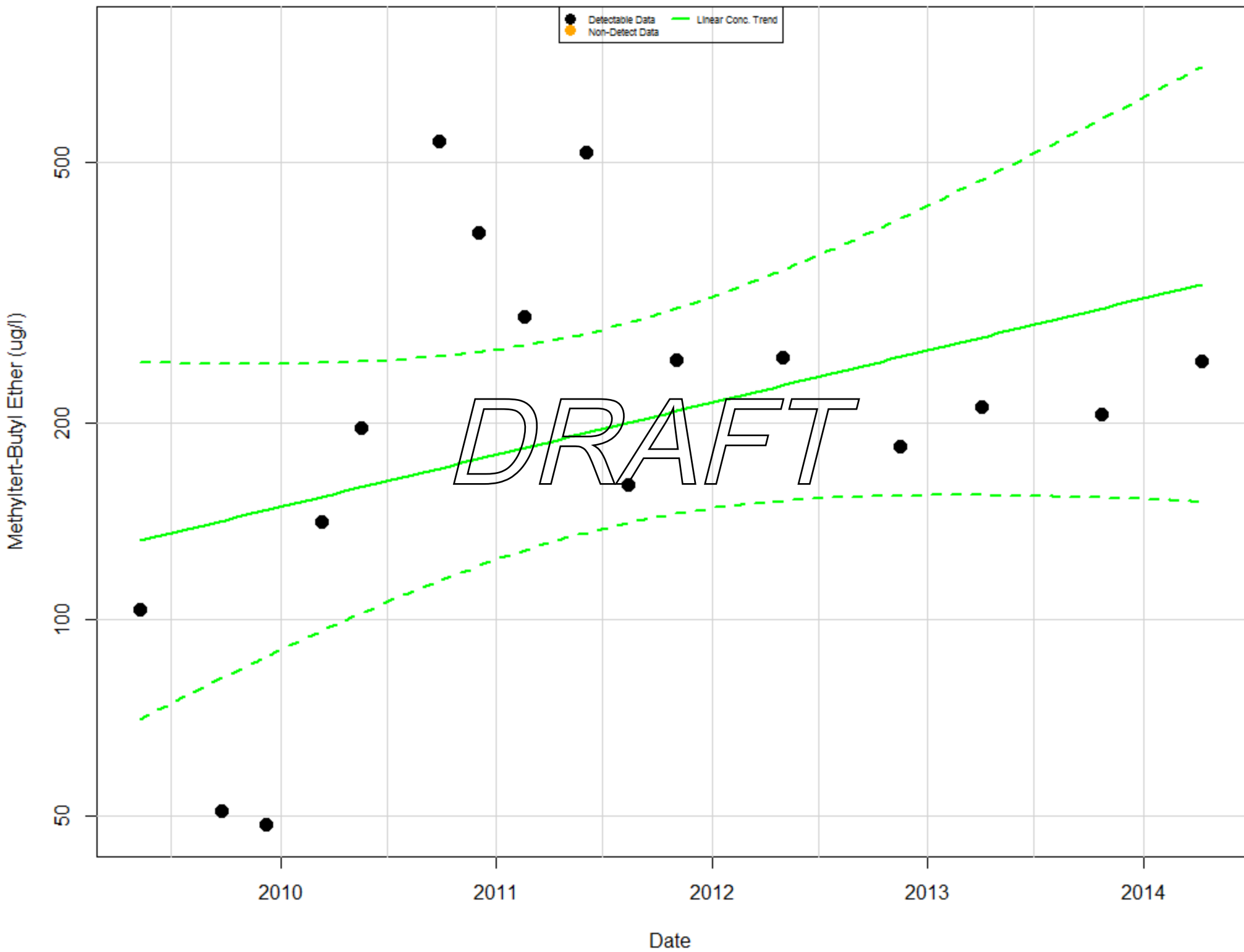
Methyltert-Butyl Ether in MW-16S : Aquifer-C

Mann-Kendall P.Value= 0.62; Half-Life= 1214 days



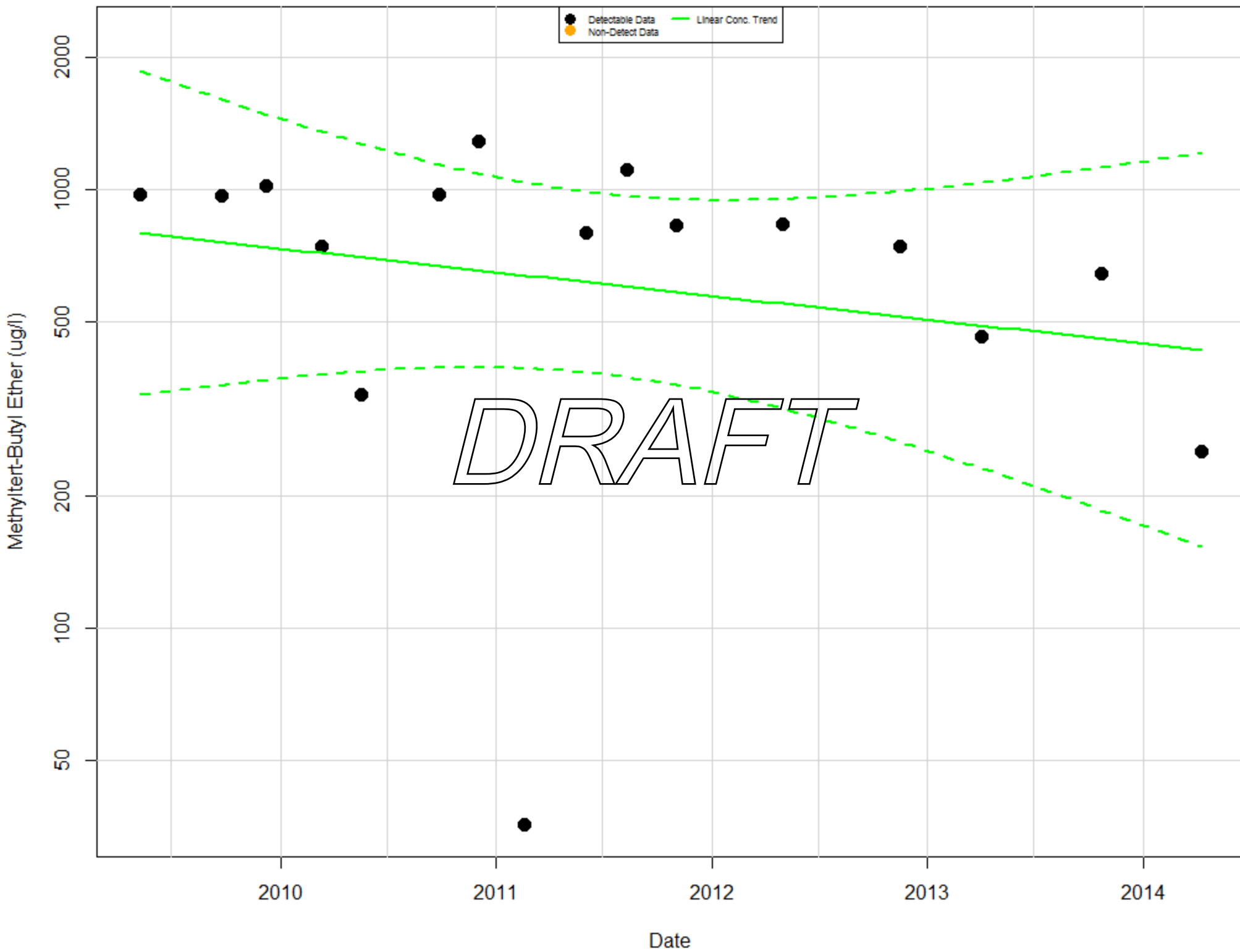
Methyltert-Butyl Ether in MW-17D : Aquifer-B

Mann-Kendall P.Value= 0.224; Half-Life= -1379 days



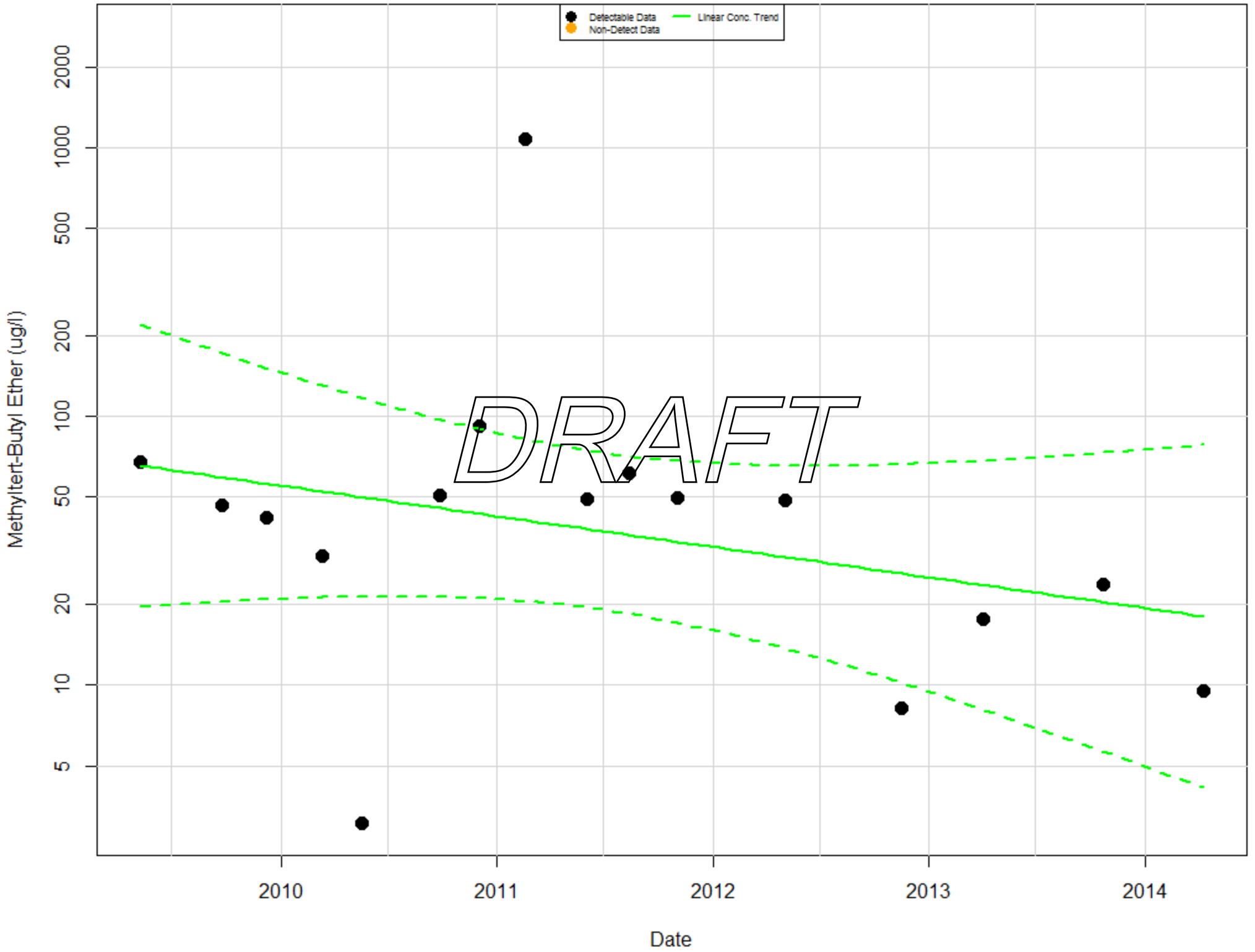
Methyltert-Butyl Ether in MW-17S : Aquifer-C

Mann-Kendall P.Value= 0.0649; Half-Life> 5 Years



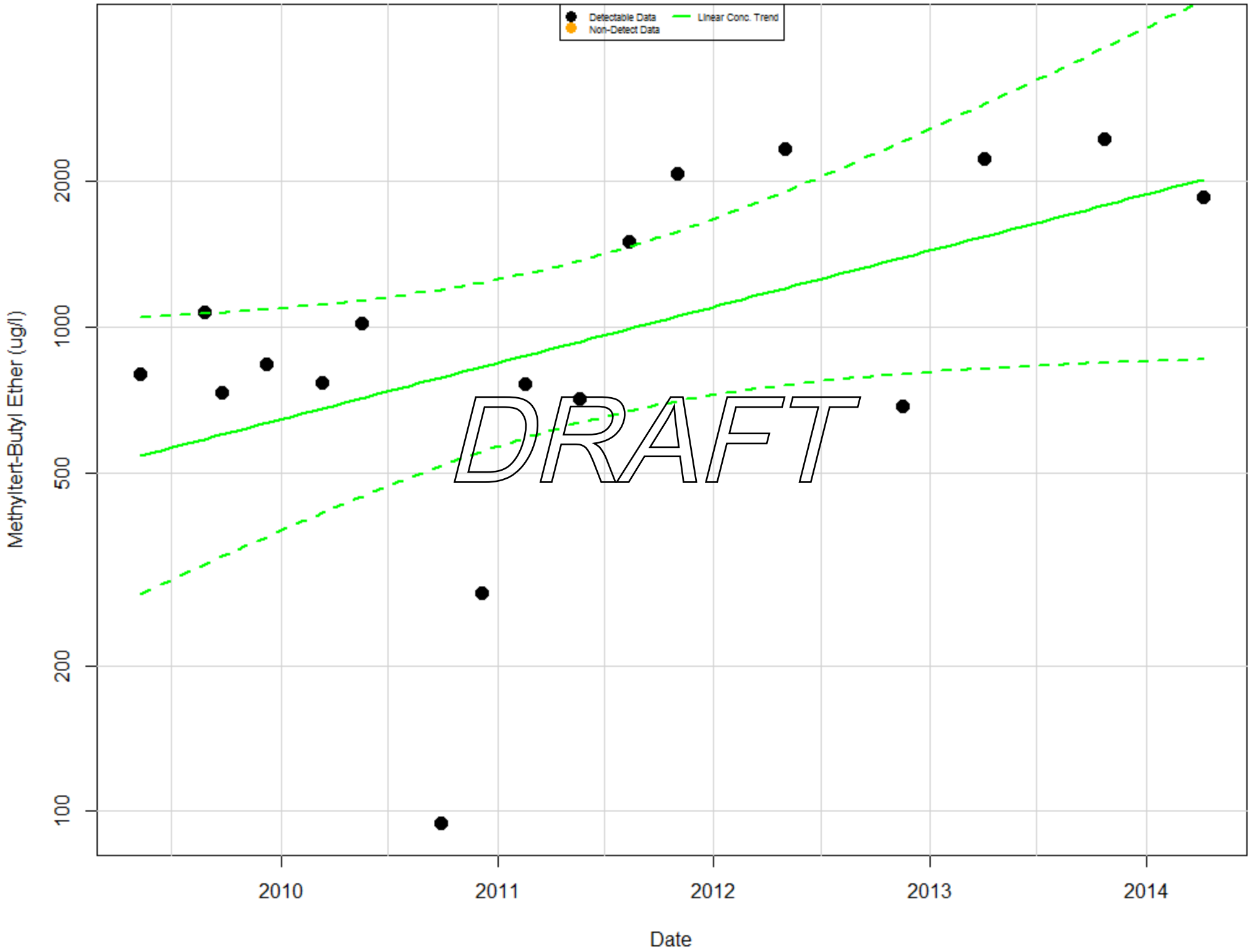
Methyltert-Butyl Ether in MW-17W : Aquifer-B

Mann-Kendall P.Value= 0.163; Half-Life= 966 days



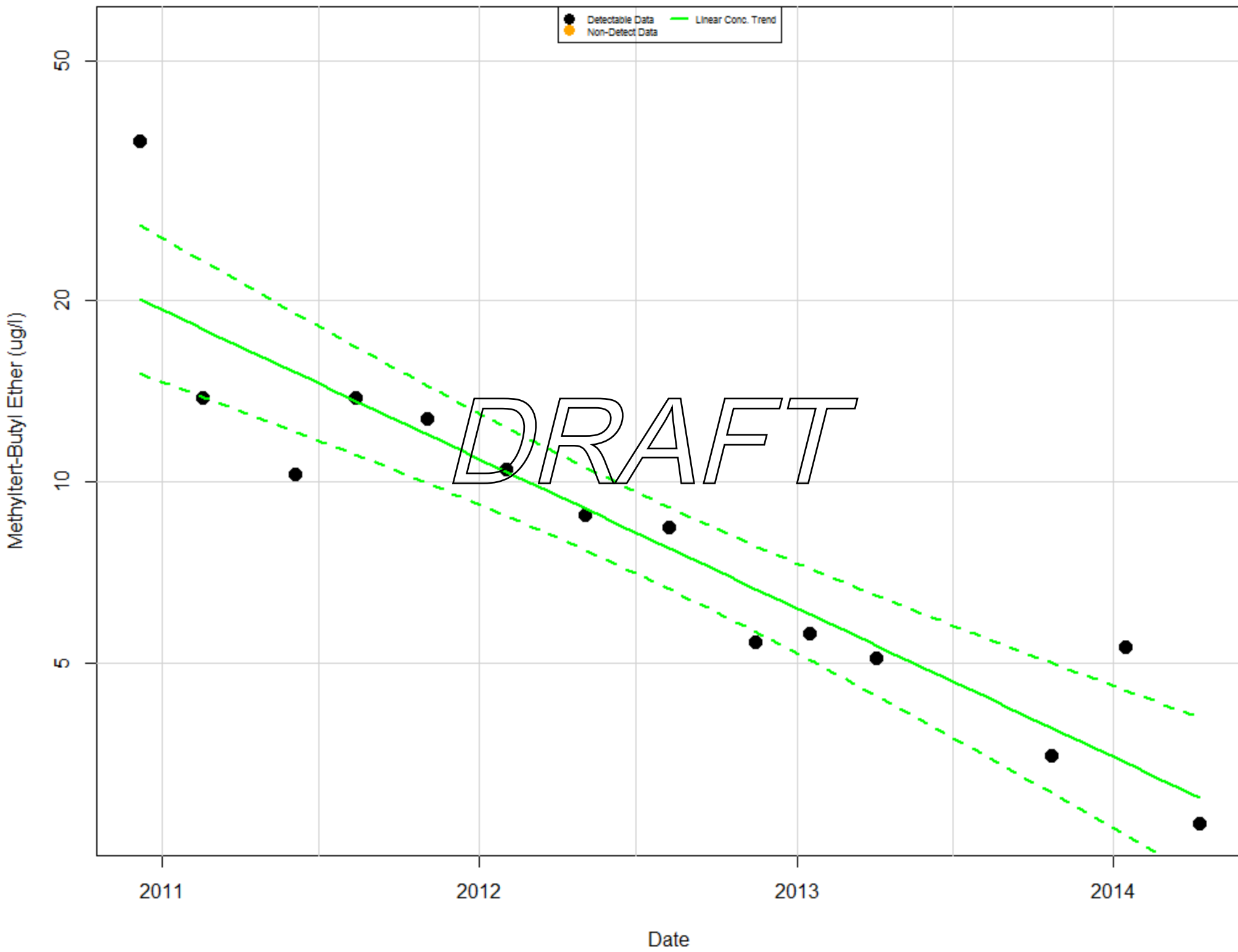
Methyltert-Butyl Ether in MW-18 : Aquifer-B

Mann-Kendall P.Value= 0.0912; Half-Life= -947 days



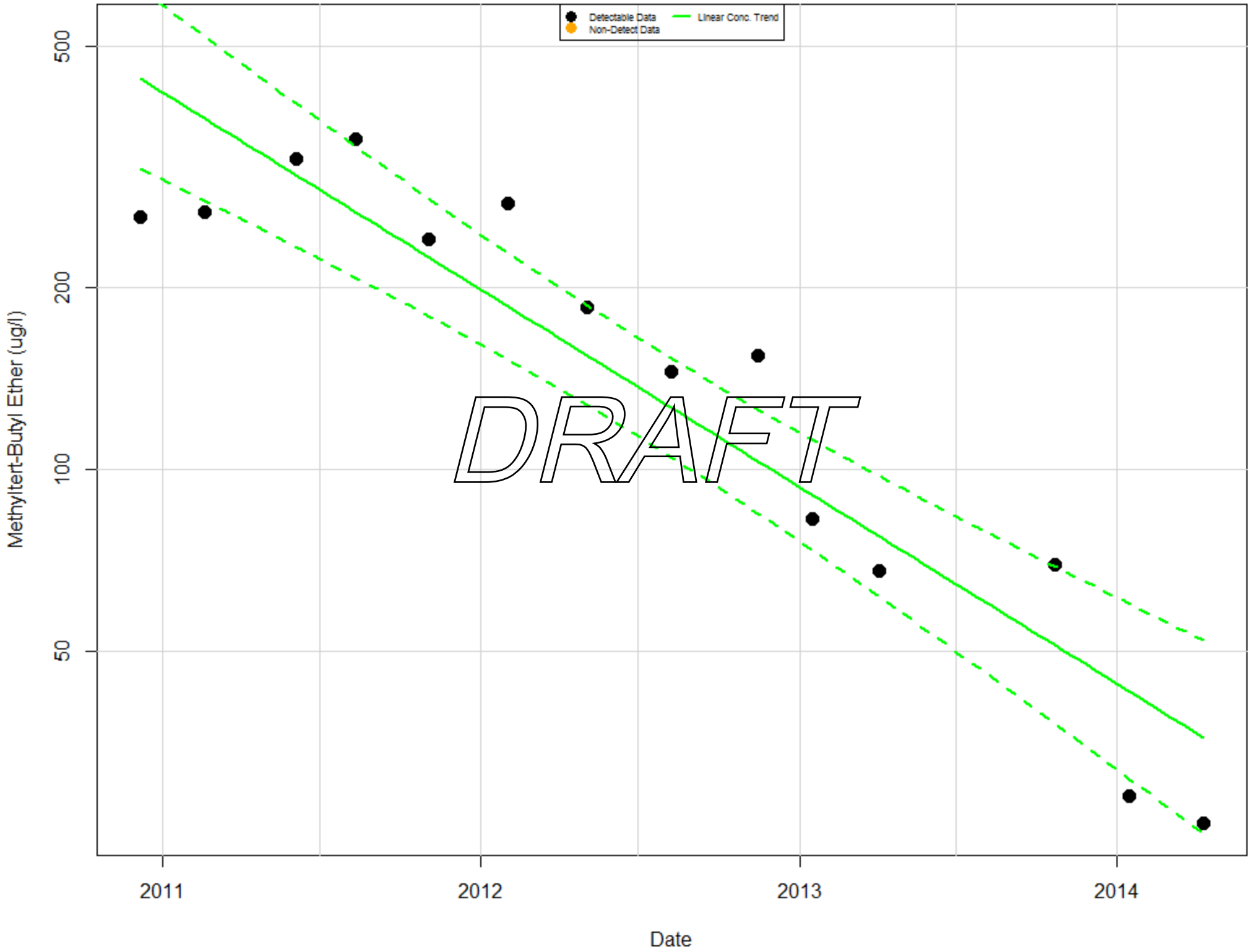
Methyltert-Butyl Ether in MW-24D : Aquifer-B

Mann-Kendall P.Value= <0.01; Half-Life= 443 days



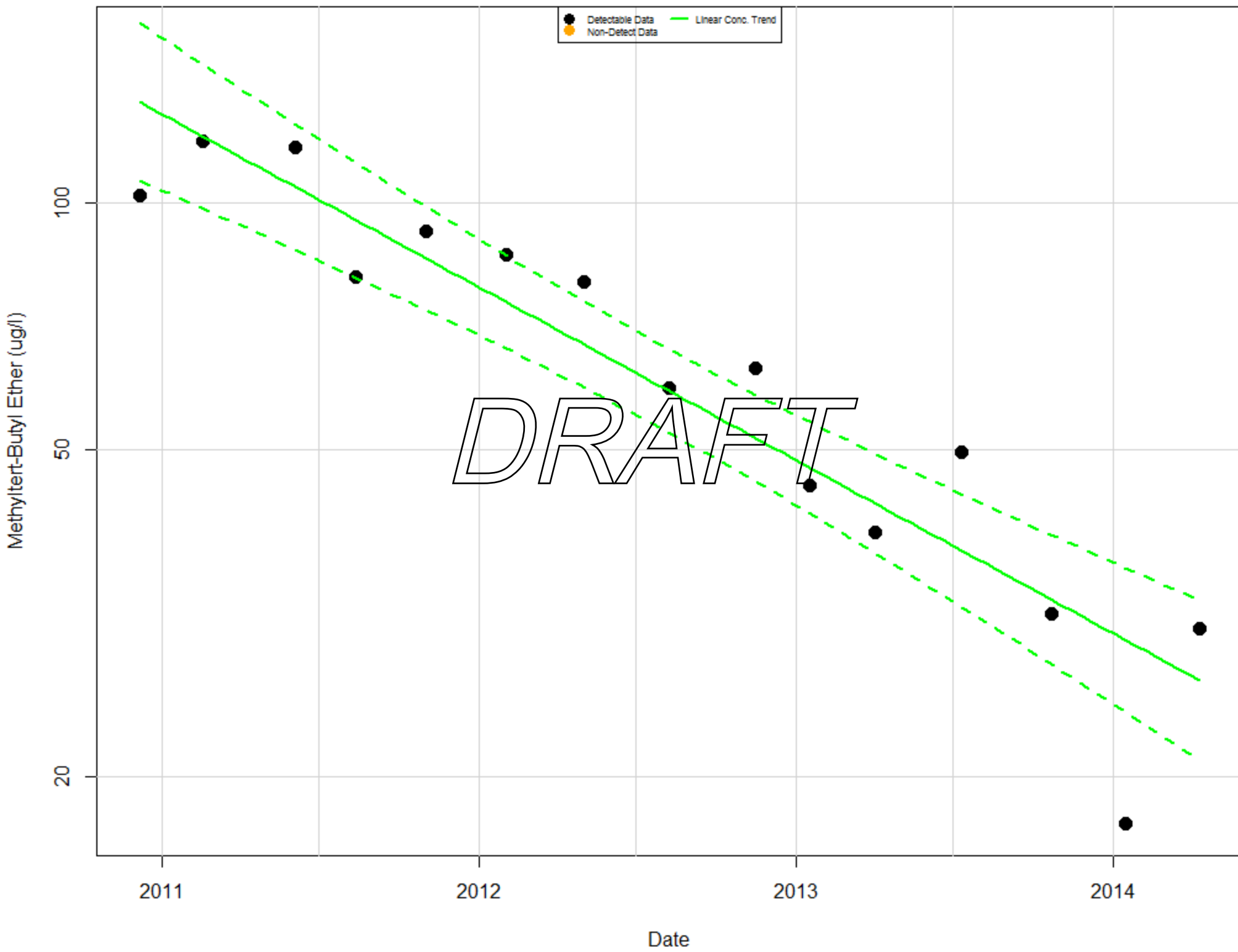
Methyltert-Butyl Ether in MW-24S : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 337 days



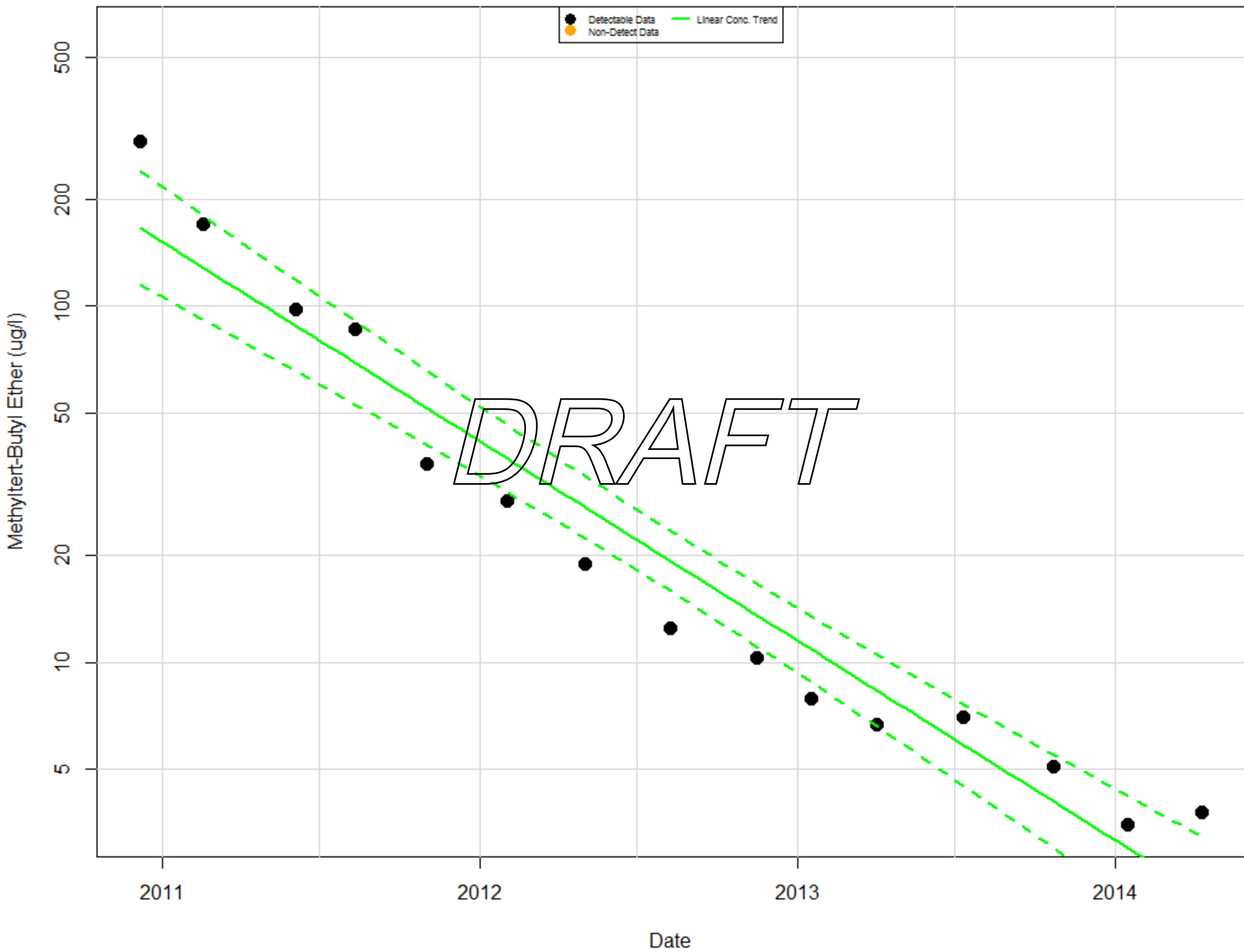
Methyltert-Butyl Ether in MW-25D : Aquifer-B

Mann-Kendall P.Value= <0.01; Half-Life= 521 days



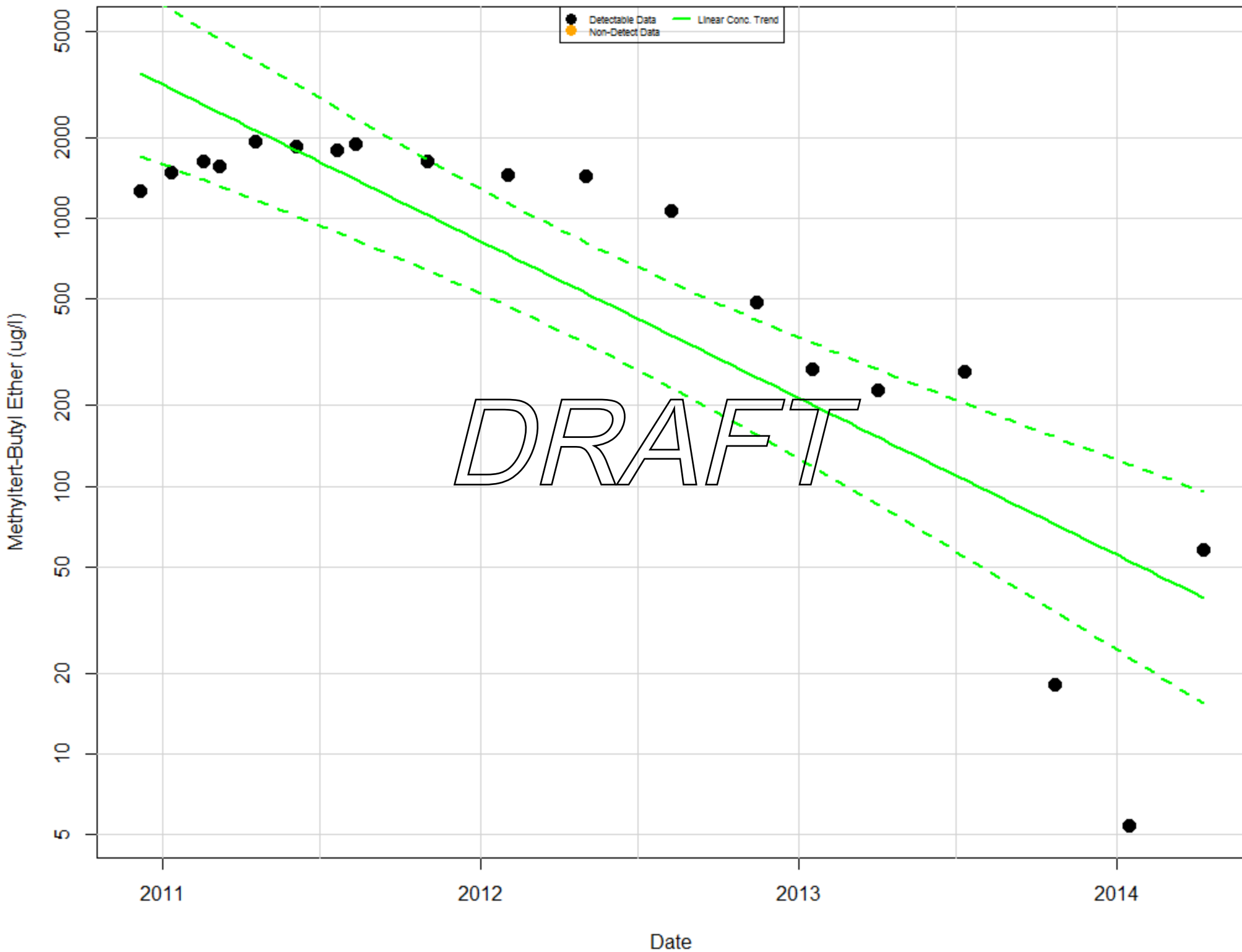
Methyltert-Butyl Ether in MW-25S : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 196 days



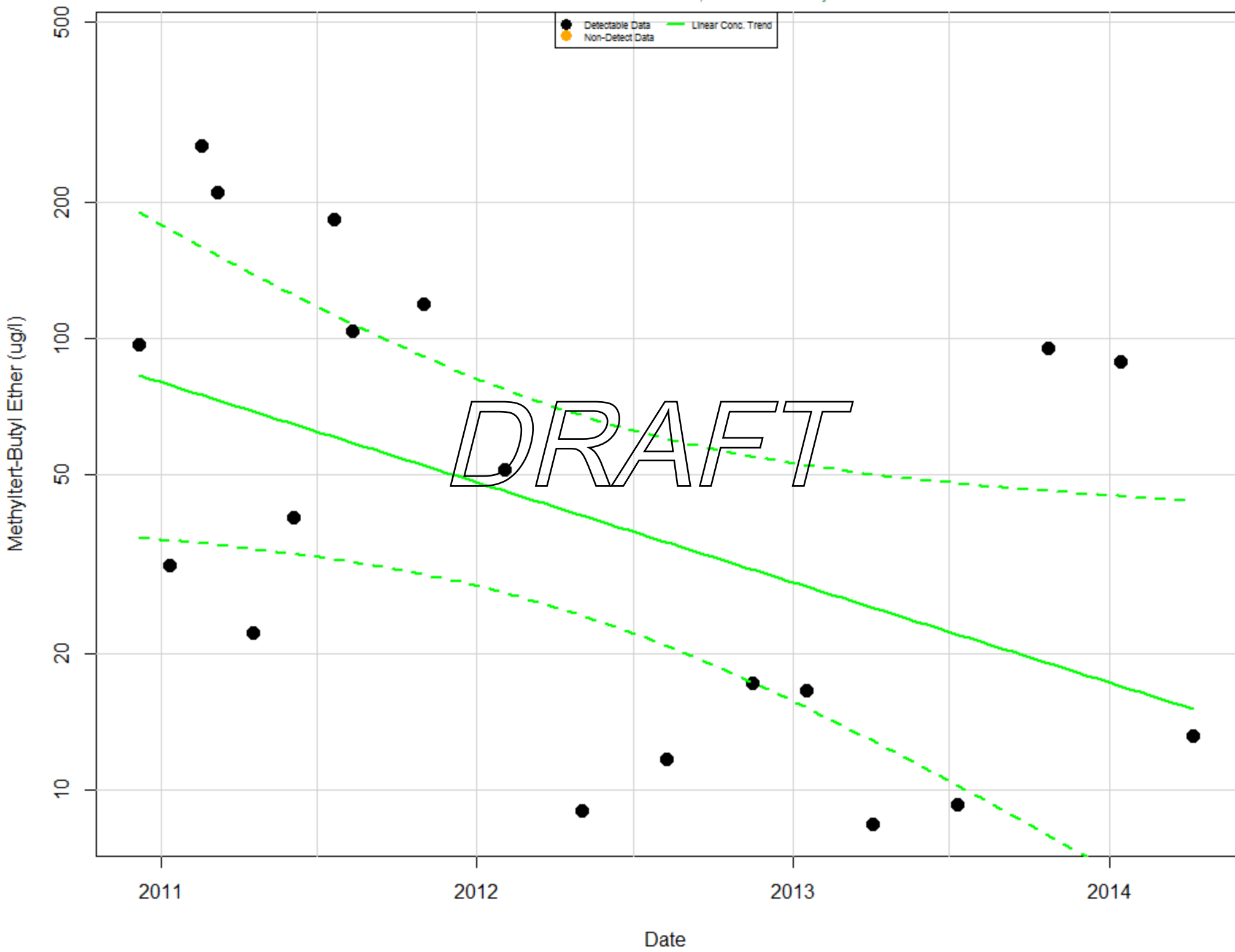
Methyltert-Butyl Ether in MW-26D : Aquifer-B

Mann-Kendall P.Value= <0.01; Half-Life= 188 days



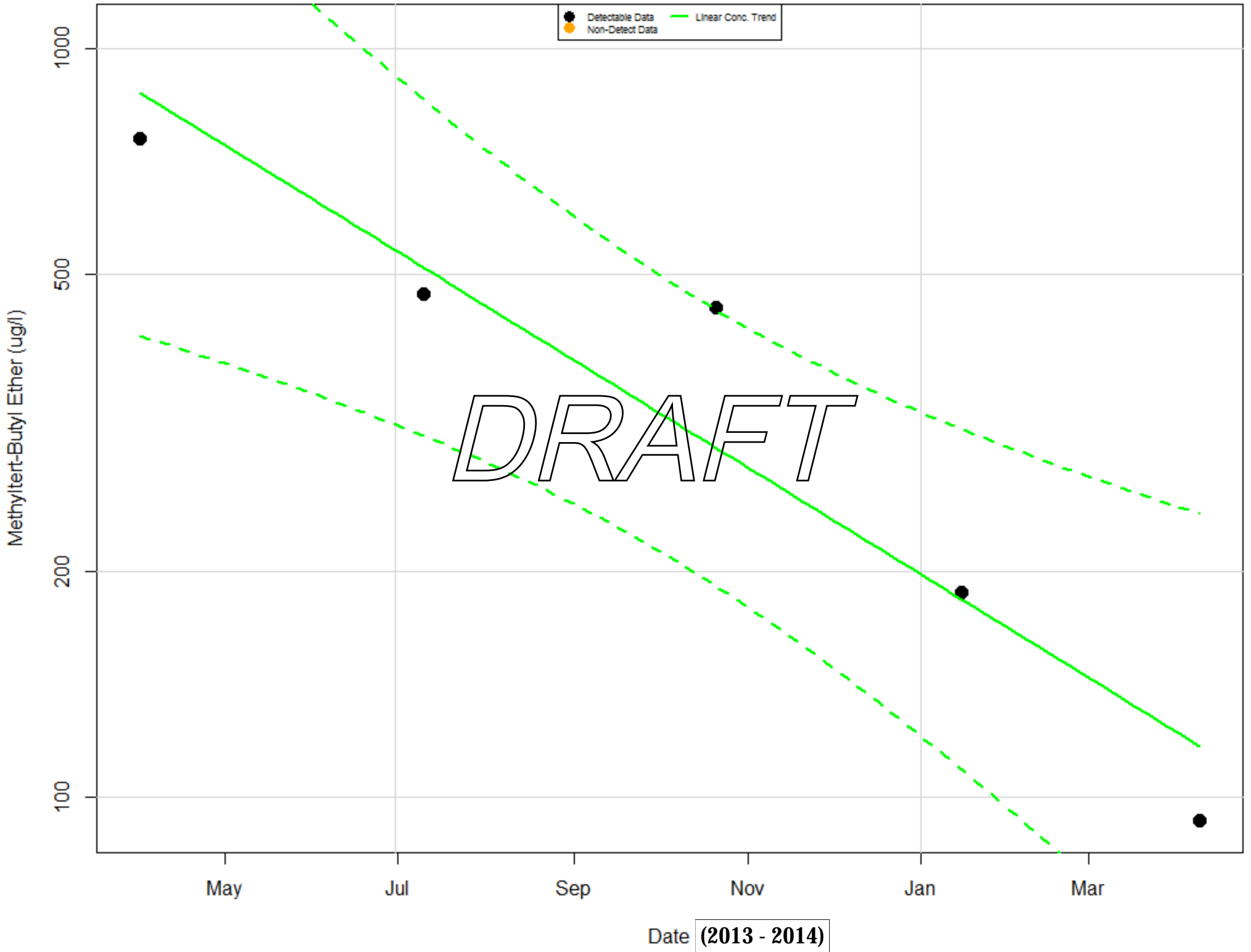
Methyltert-Butyl Ether in MW-26S : Aquifer-C

Mann-Kendall P.Value= 0.0252; Half-Life= 497 days



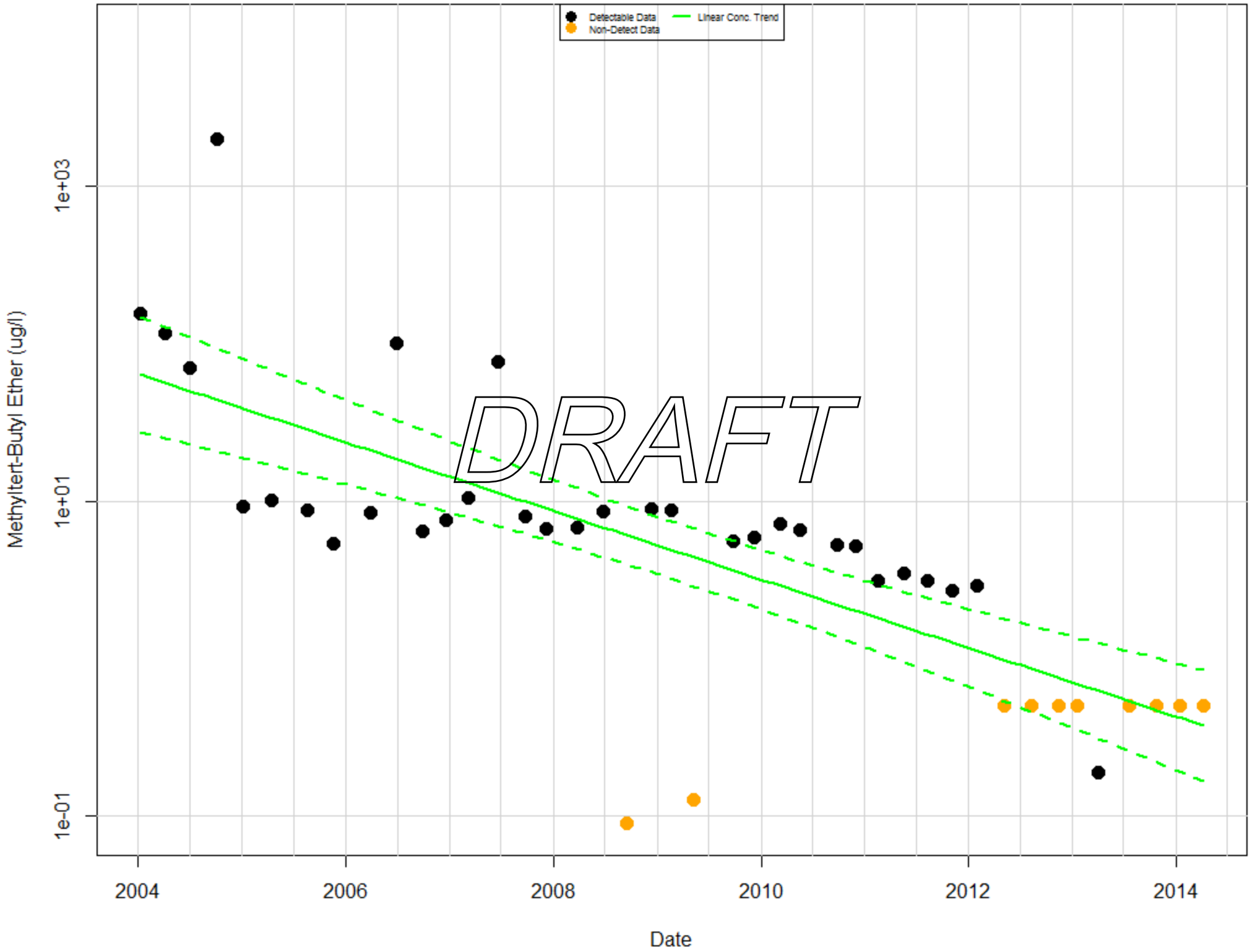
Methyltert-Butyl Ether in RW-19A : Aquifer-C

Mann-Kendall P.Value= 0.0275; Half-Life= 129 days



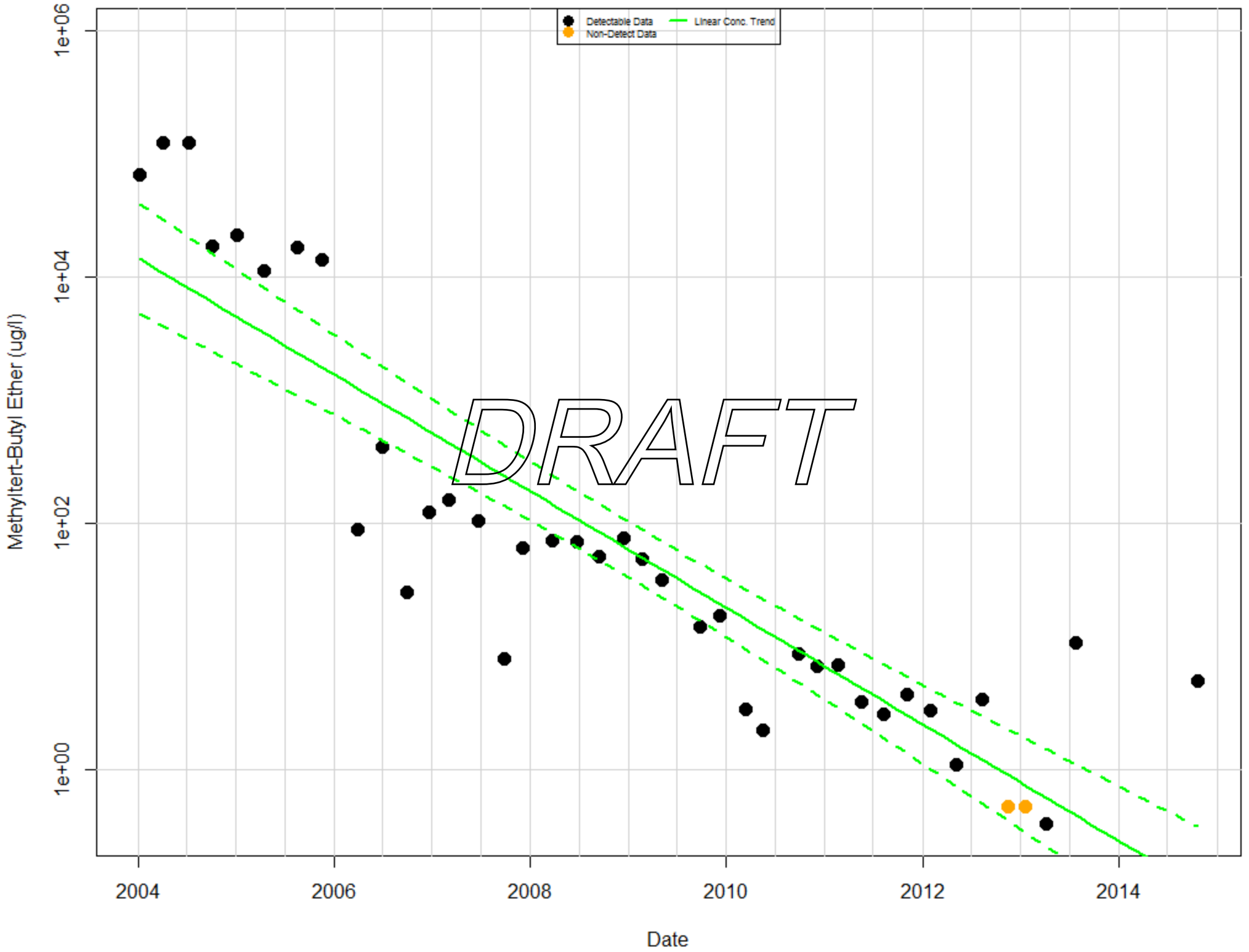
Methyltert-Butyl Ether in RW-01 : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 506 days



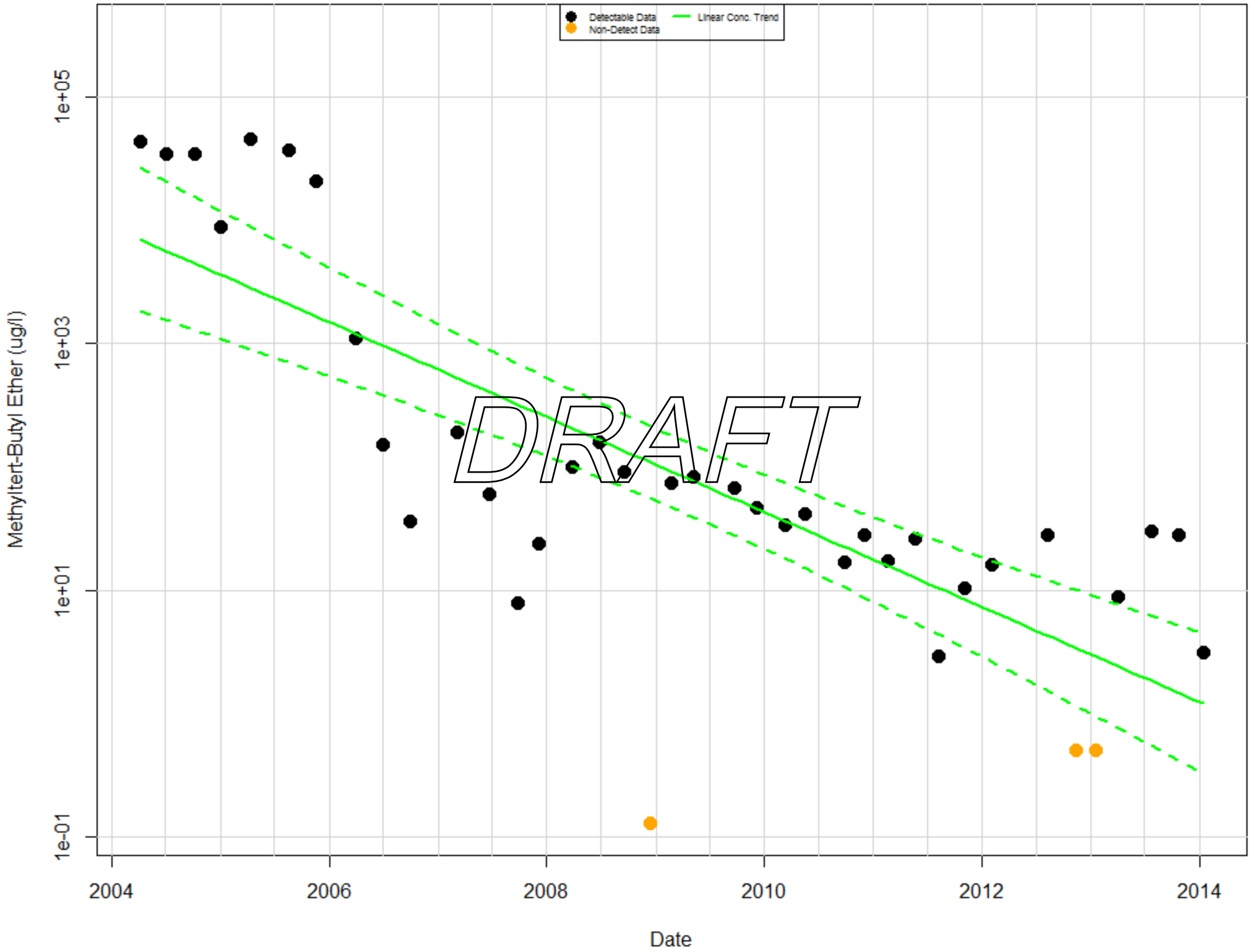
Methyltert-Butyl Ether in RW-03 : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 232 days



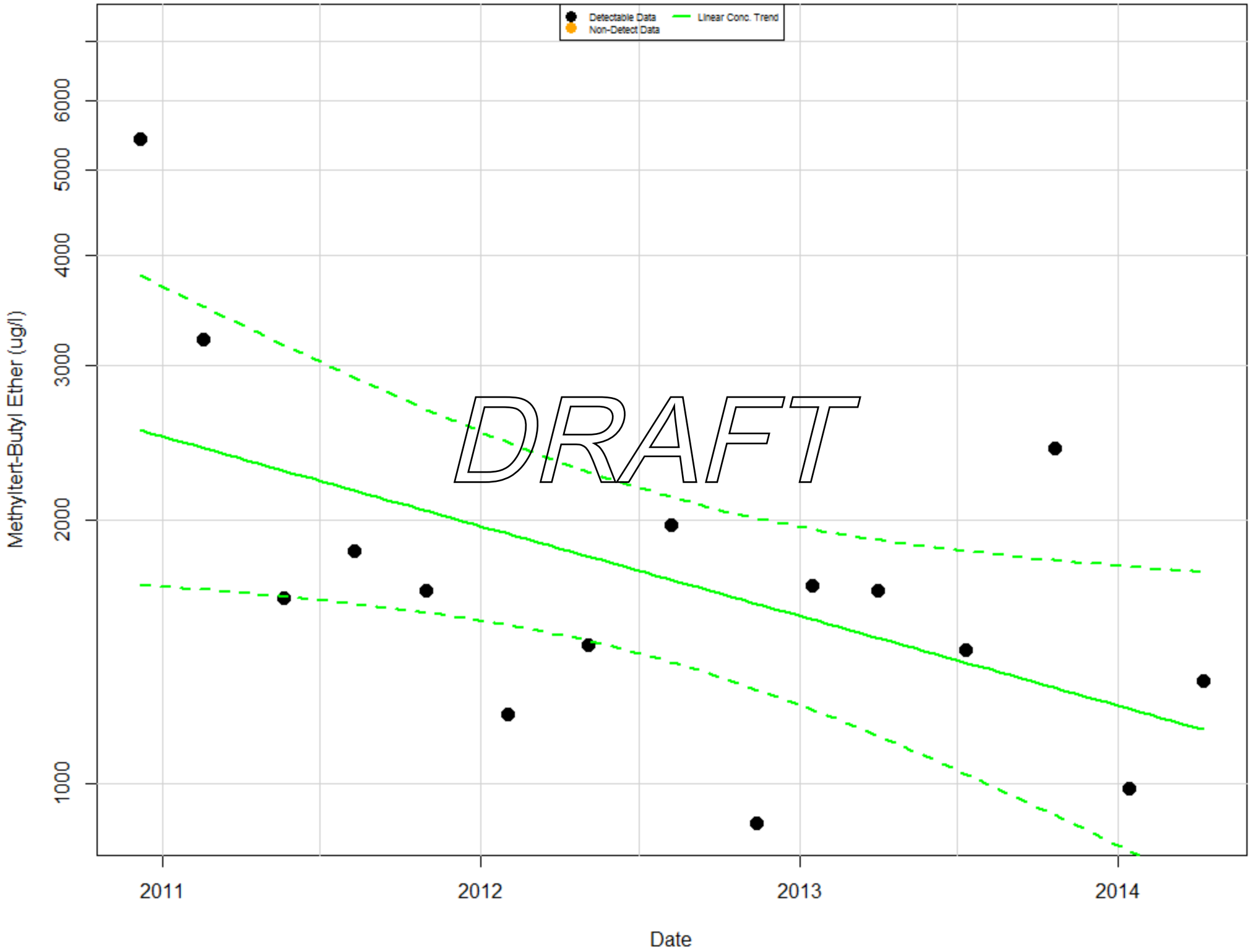
Methyltert-Butyl Ether in RW-10 : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 285 days



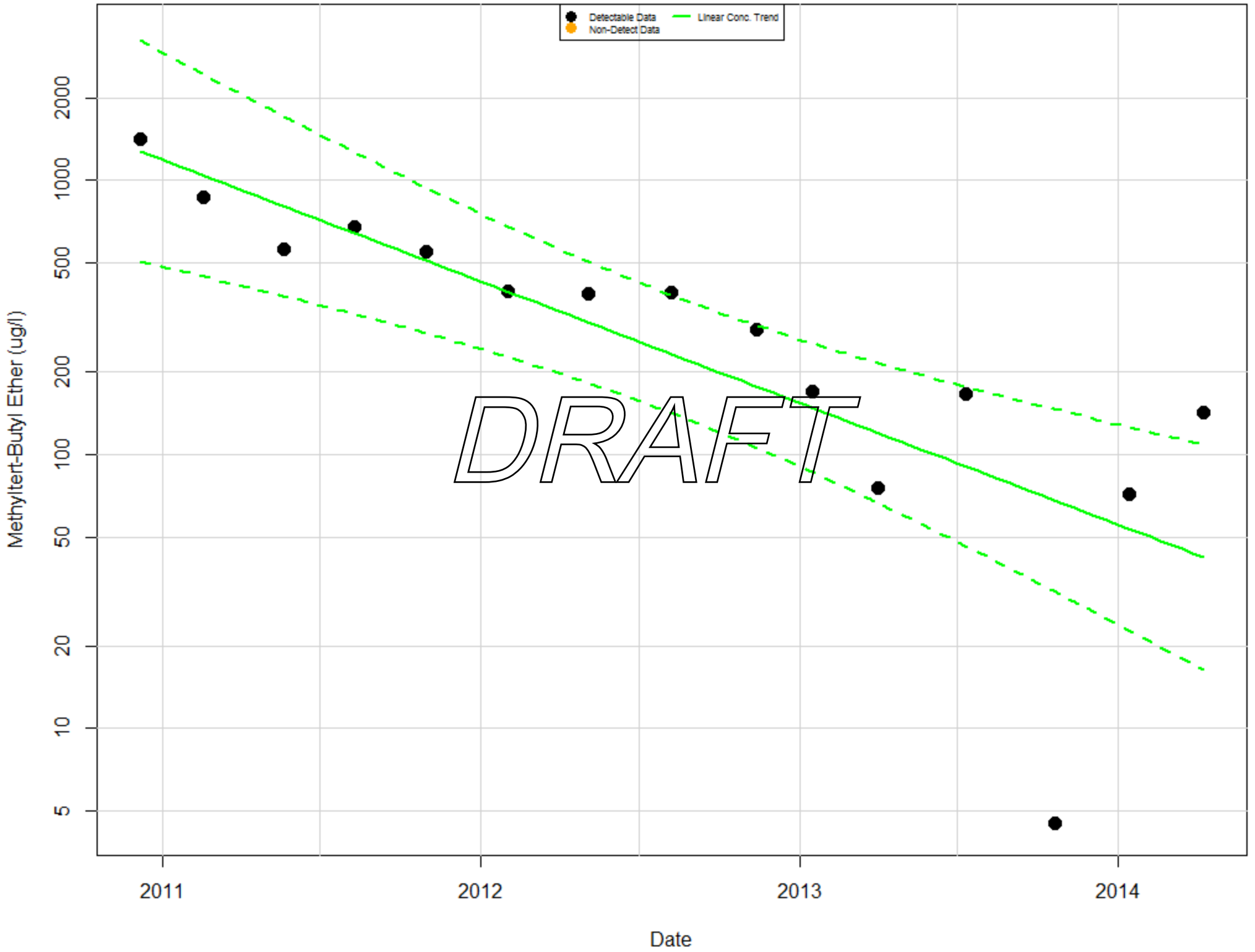
Methyltert-Butyl Ether in RW-20 : Aquifer-C

Mann-Kendall P.Value= 0.0668; Half-Life= 1077 days



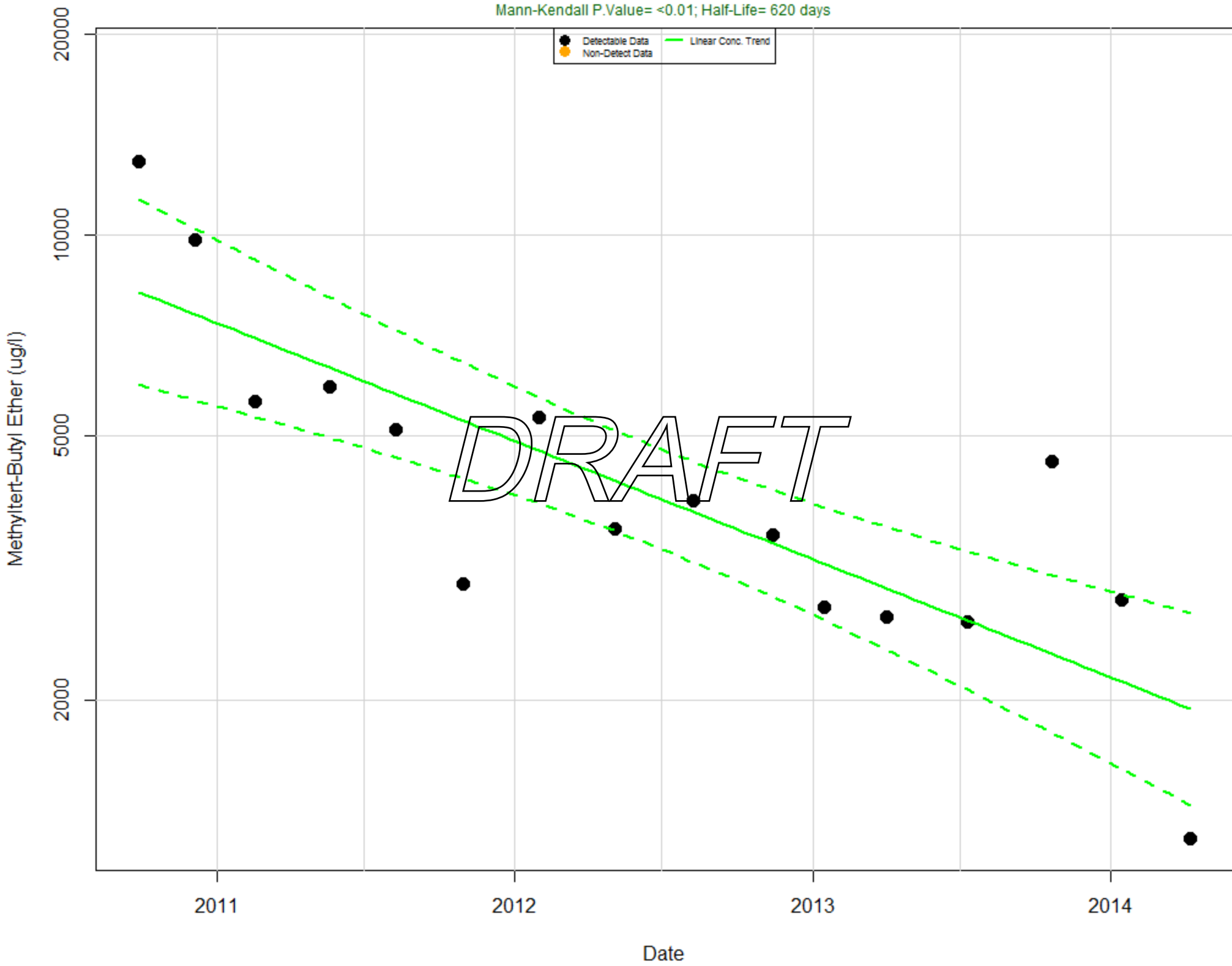
Methyltert-Butyl Ether in RW-21 : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 248 days



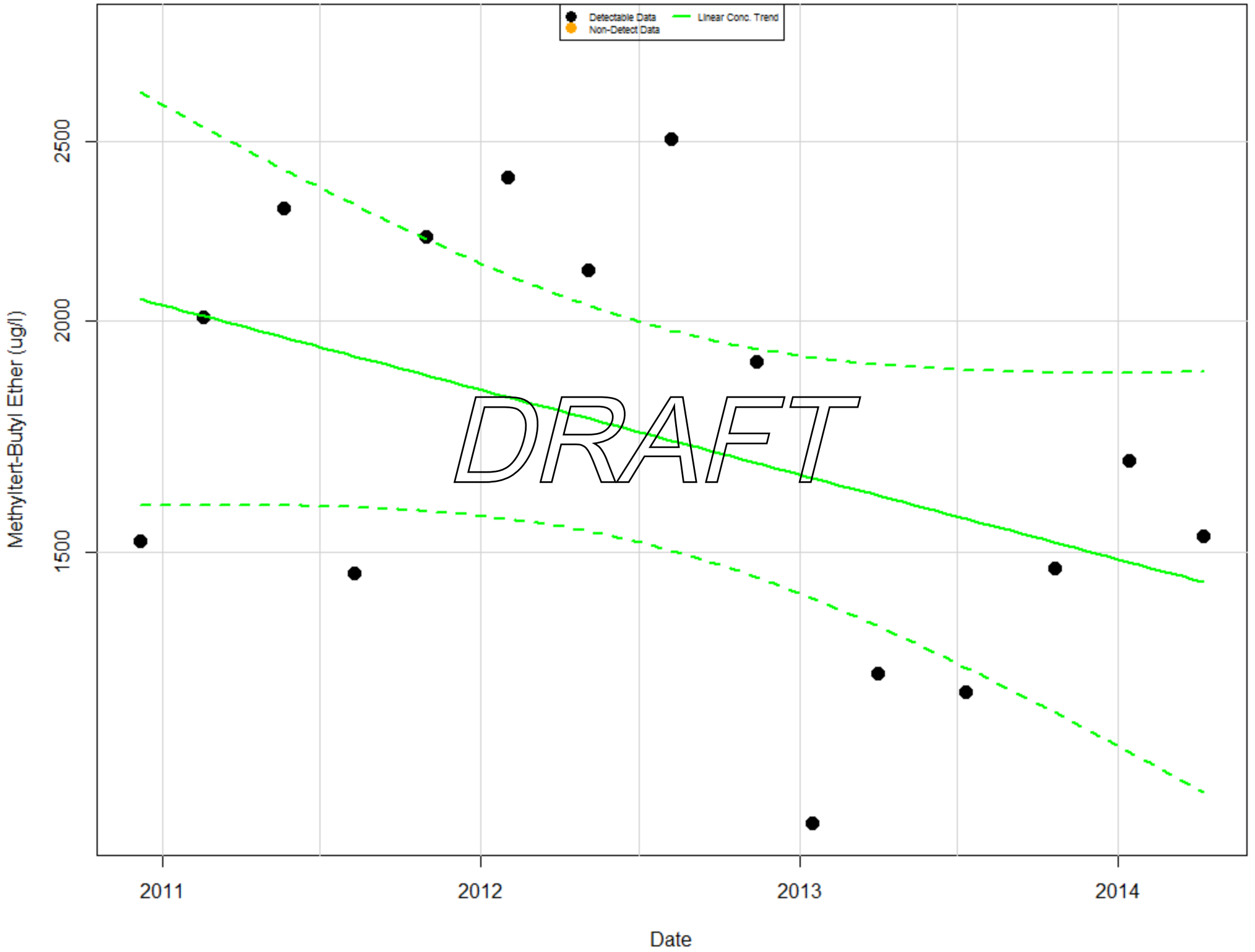
Methyltert-Butyl Ether in RW-22 : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 620 days



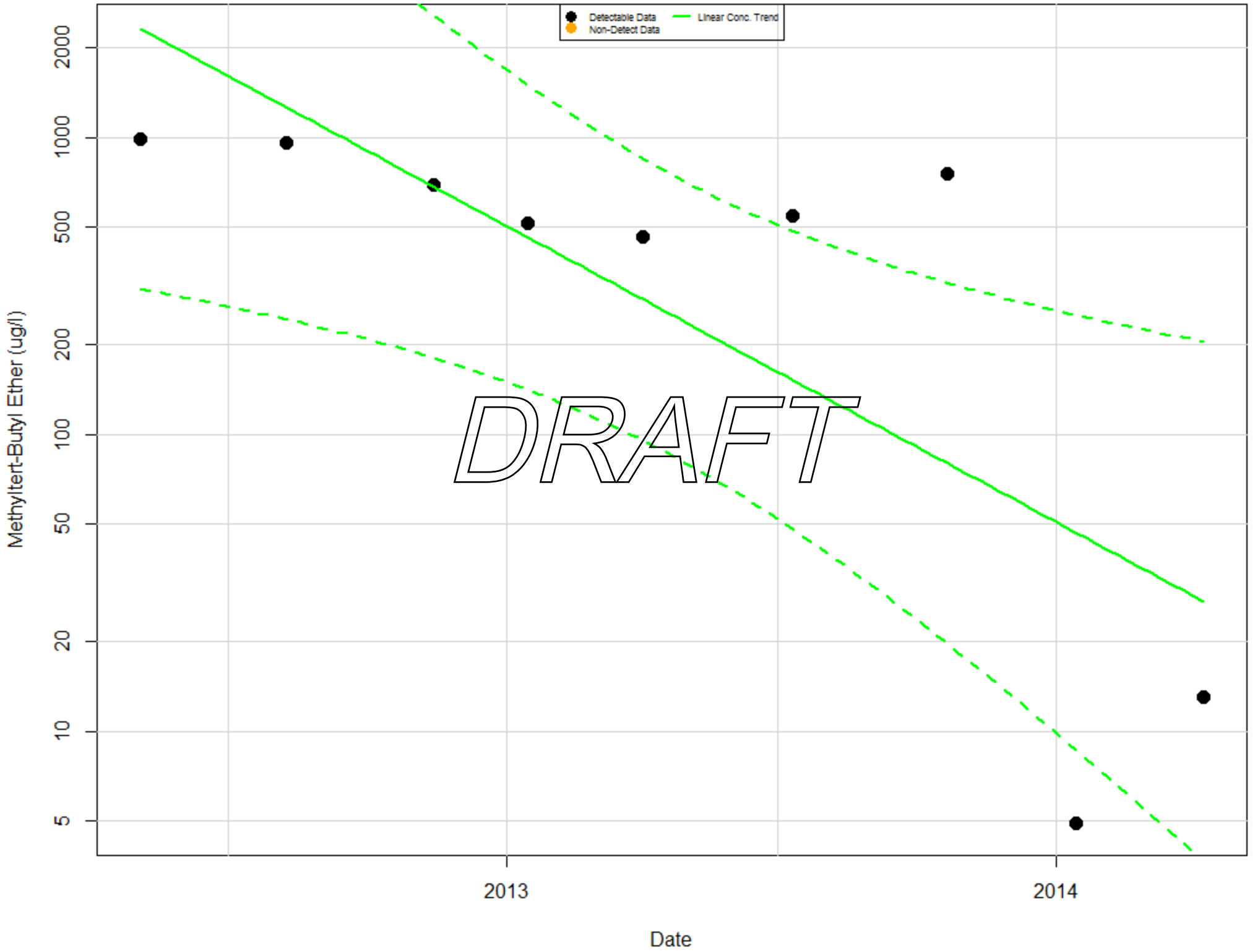
Methyltert-Butyl Ether in RW-23 : Aquifer-C

Mann-Kendall P.Value= 0.276; Half-Life> 5 Years



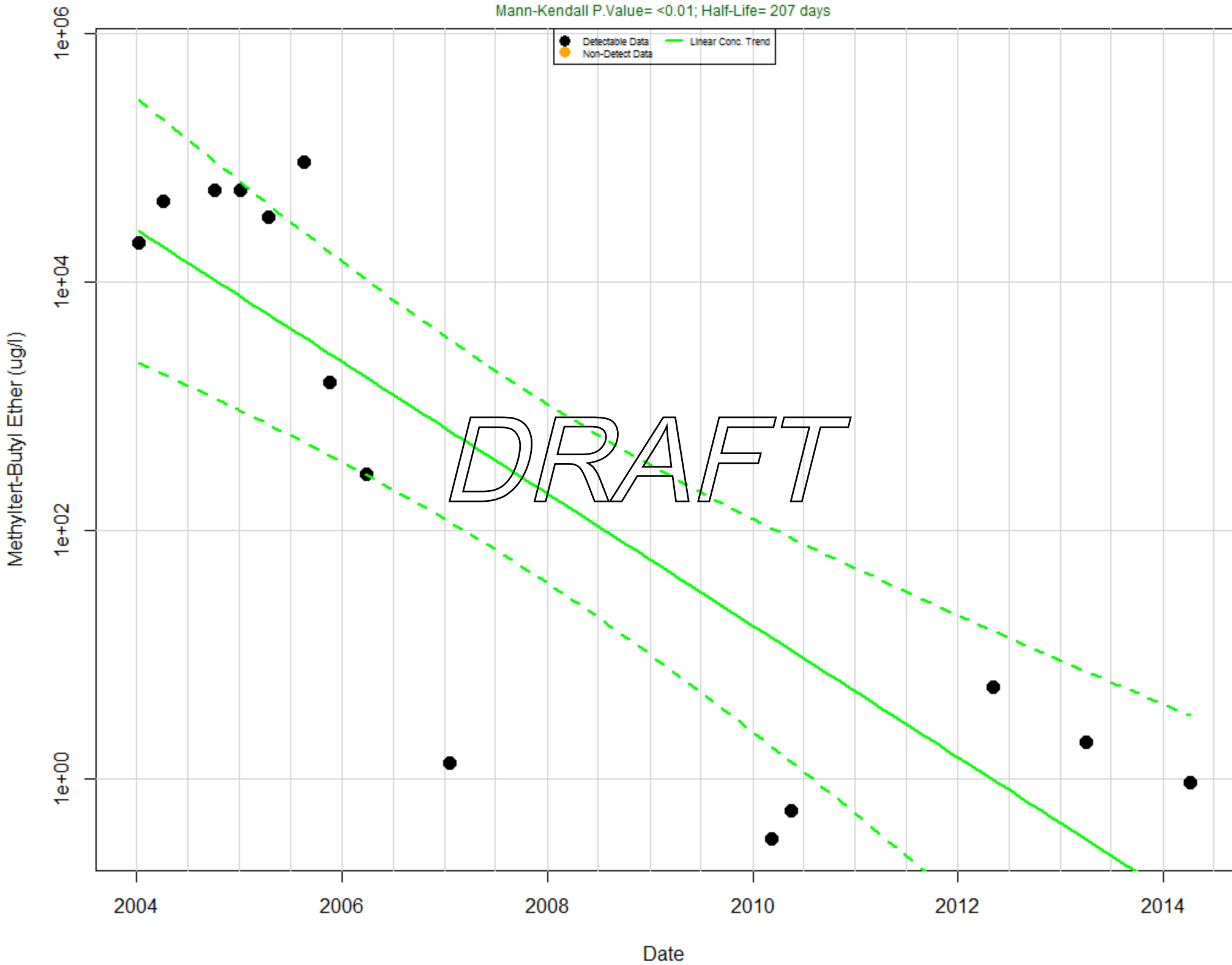
Methyltert-Butyl Ether in RW-27 : Aquifer-C

Mann-Kendall P.Value= 0.0286; Half-Life= 110 days



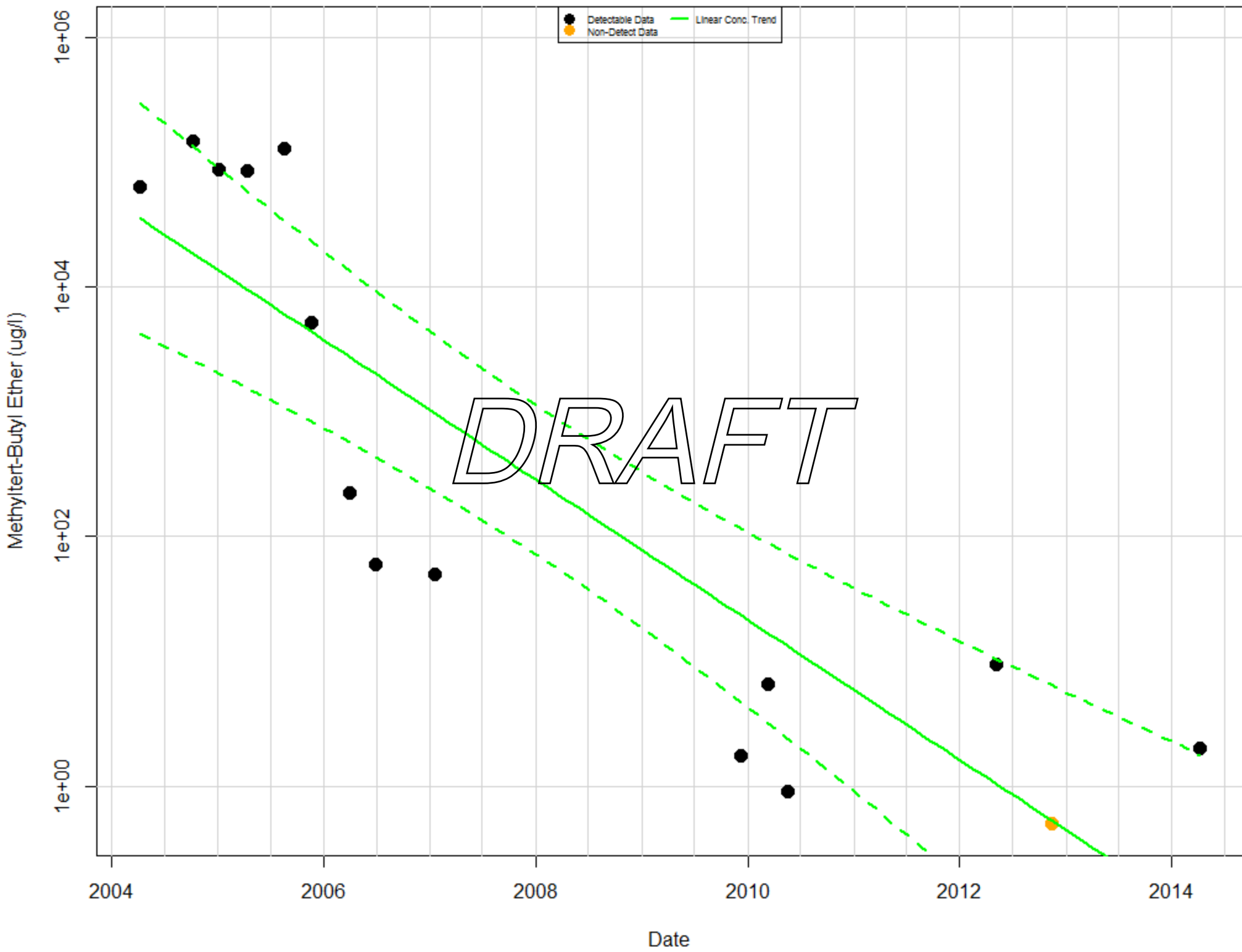
Methyltert-Butyl Ether in TF-01 : Aquifer-C

Mann-Kendall P.Value= <0.01; Half-Life= 207 days



Methyltert-Butyl Ether in TF-02 : Aquifer-C

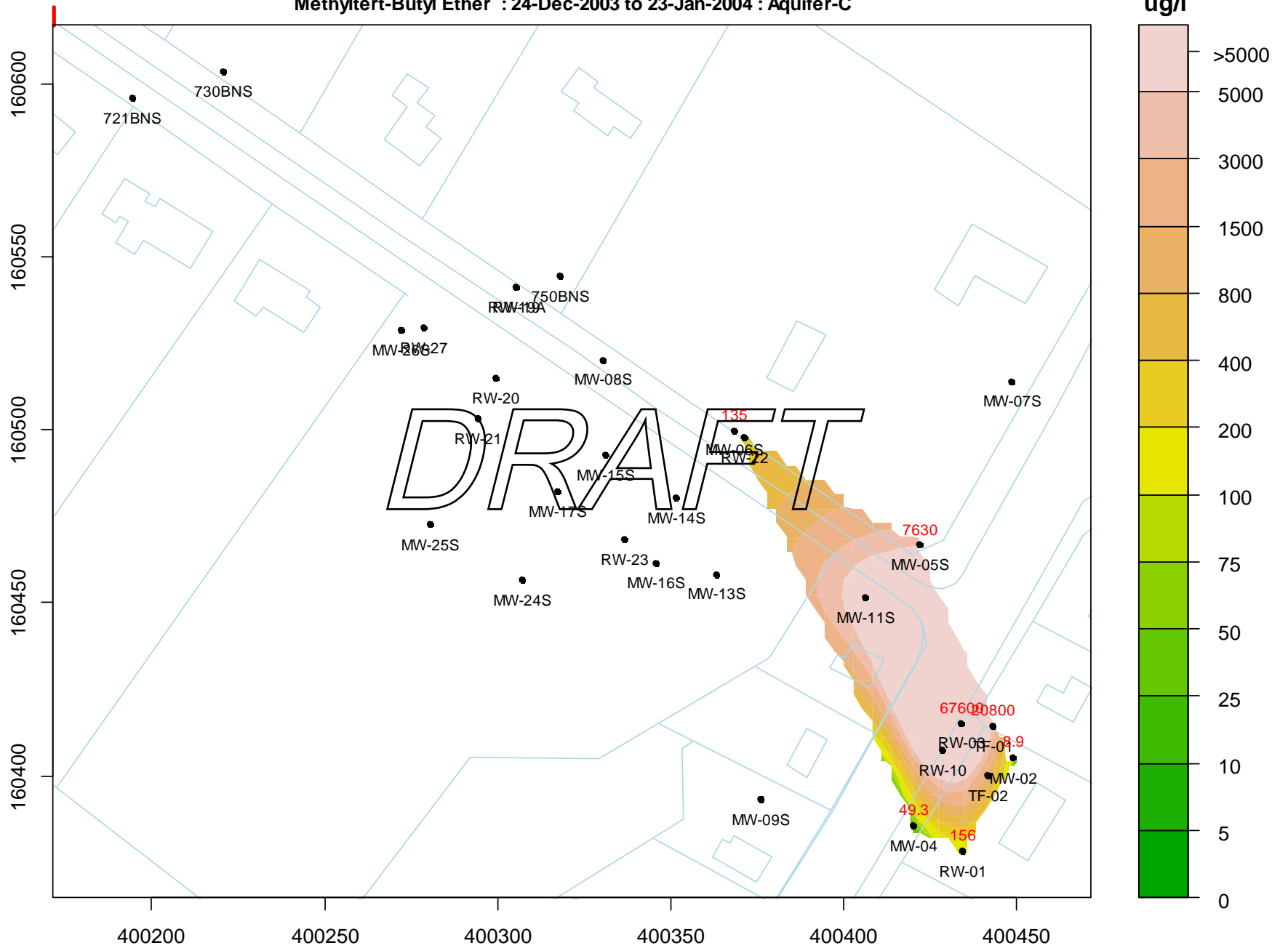
Mann-Kendall P.Value= <0.01; Half-Life= 196 days



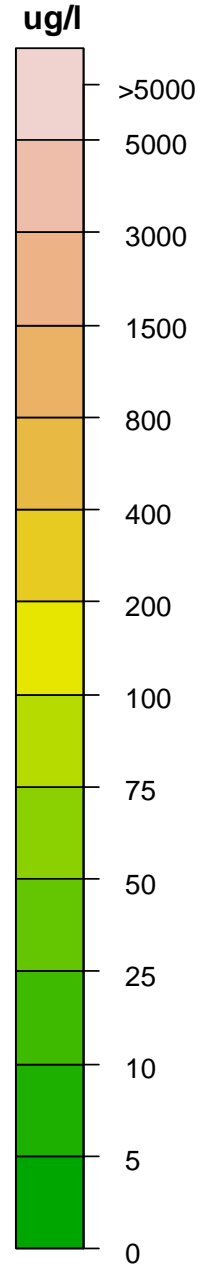
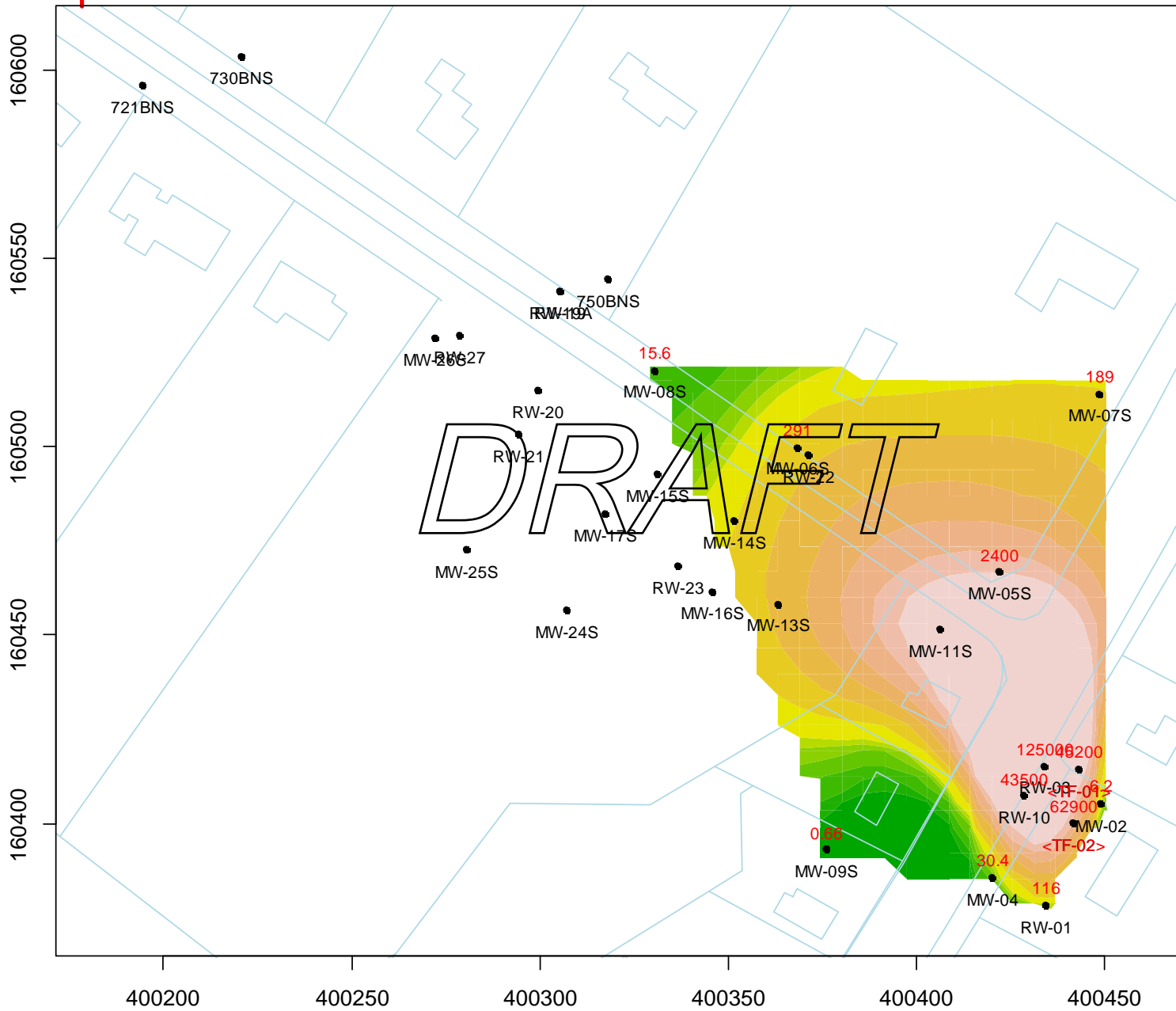
Appendix F
MTBE Groundwater Spatiotemporal Data Analysis Tool – Shallow Aquifer

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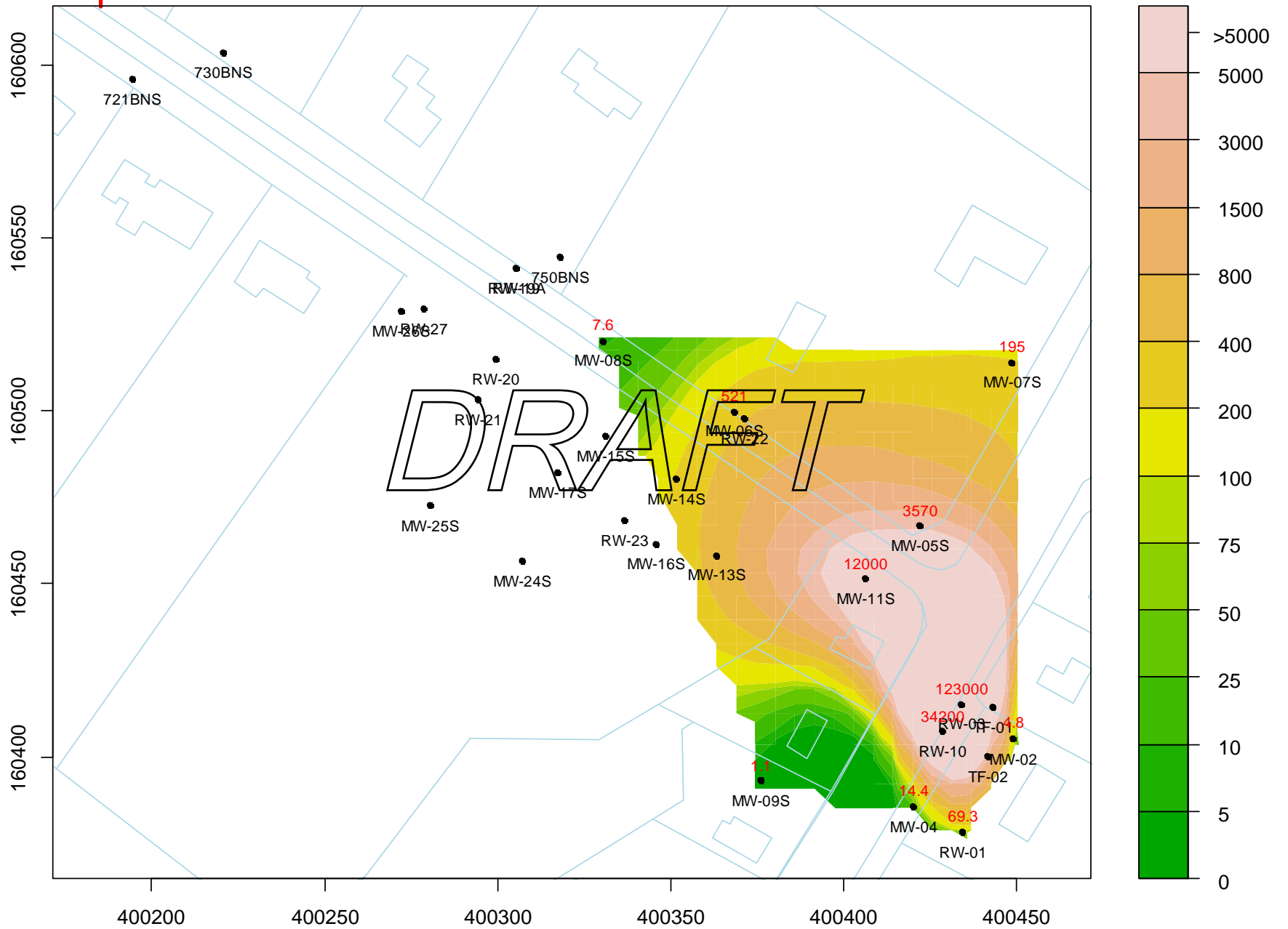
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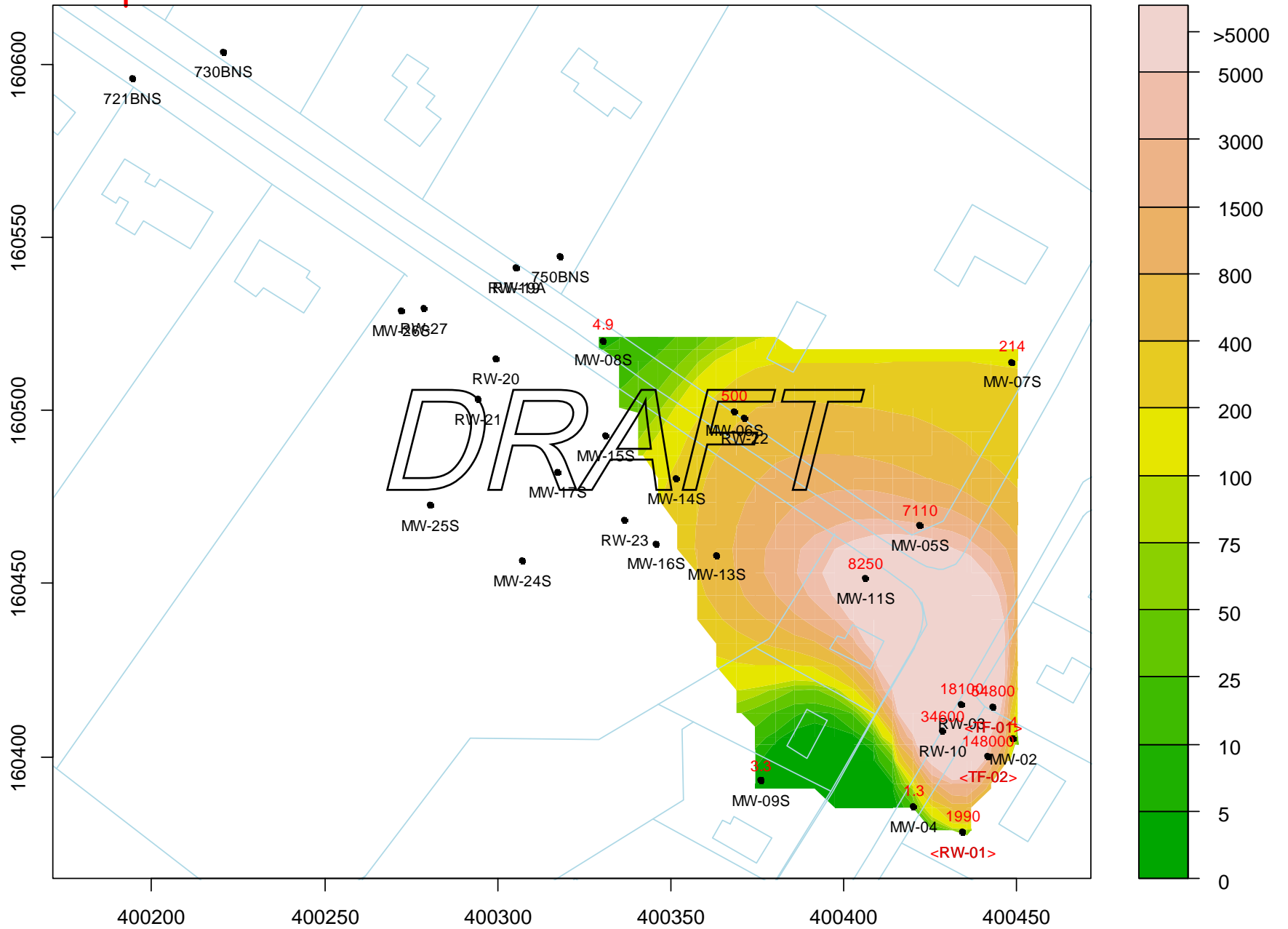
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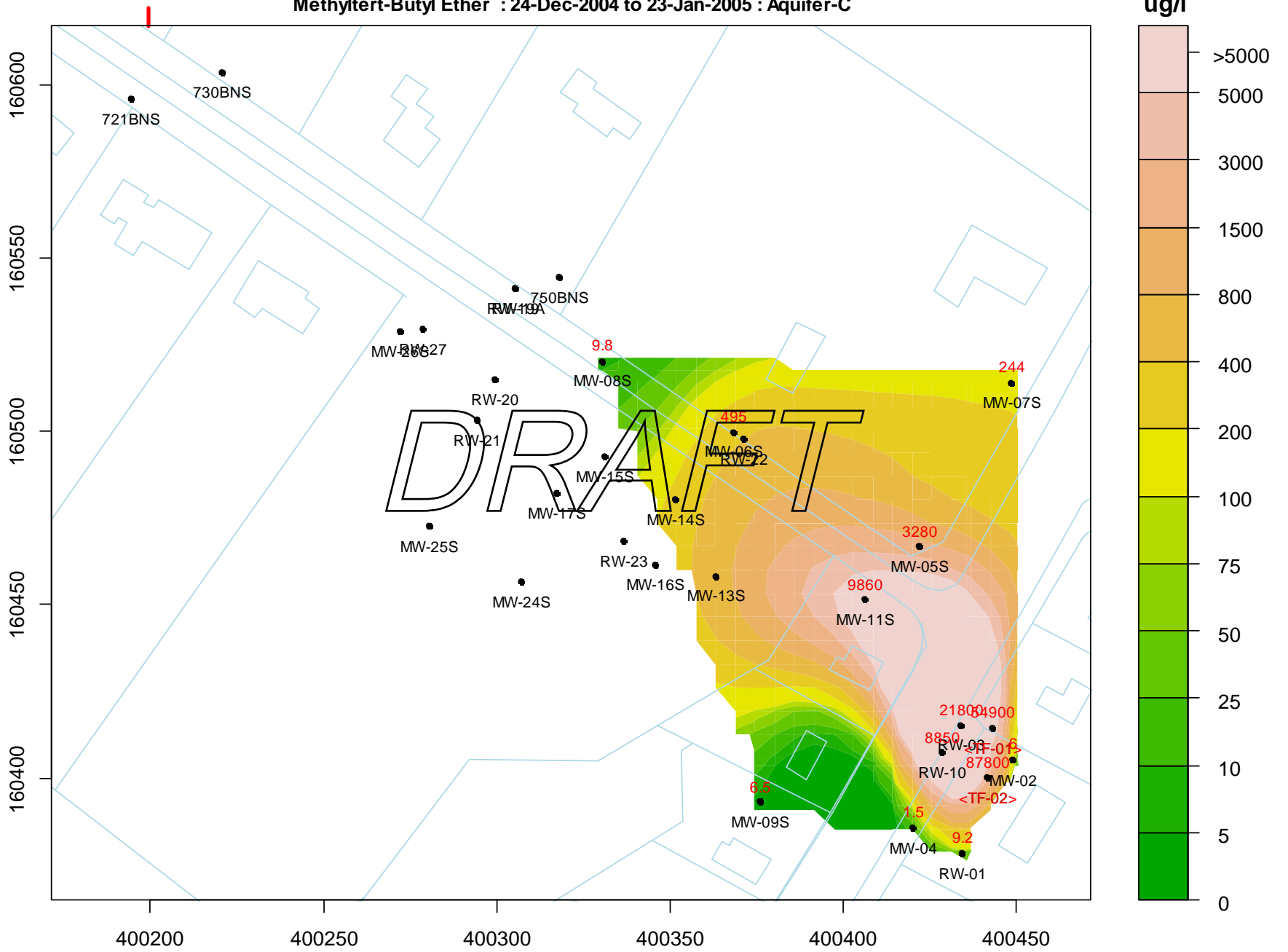
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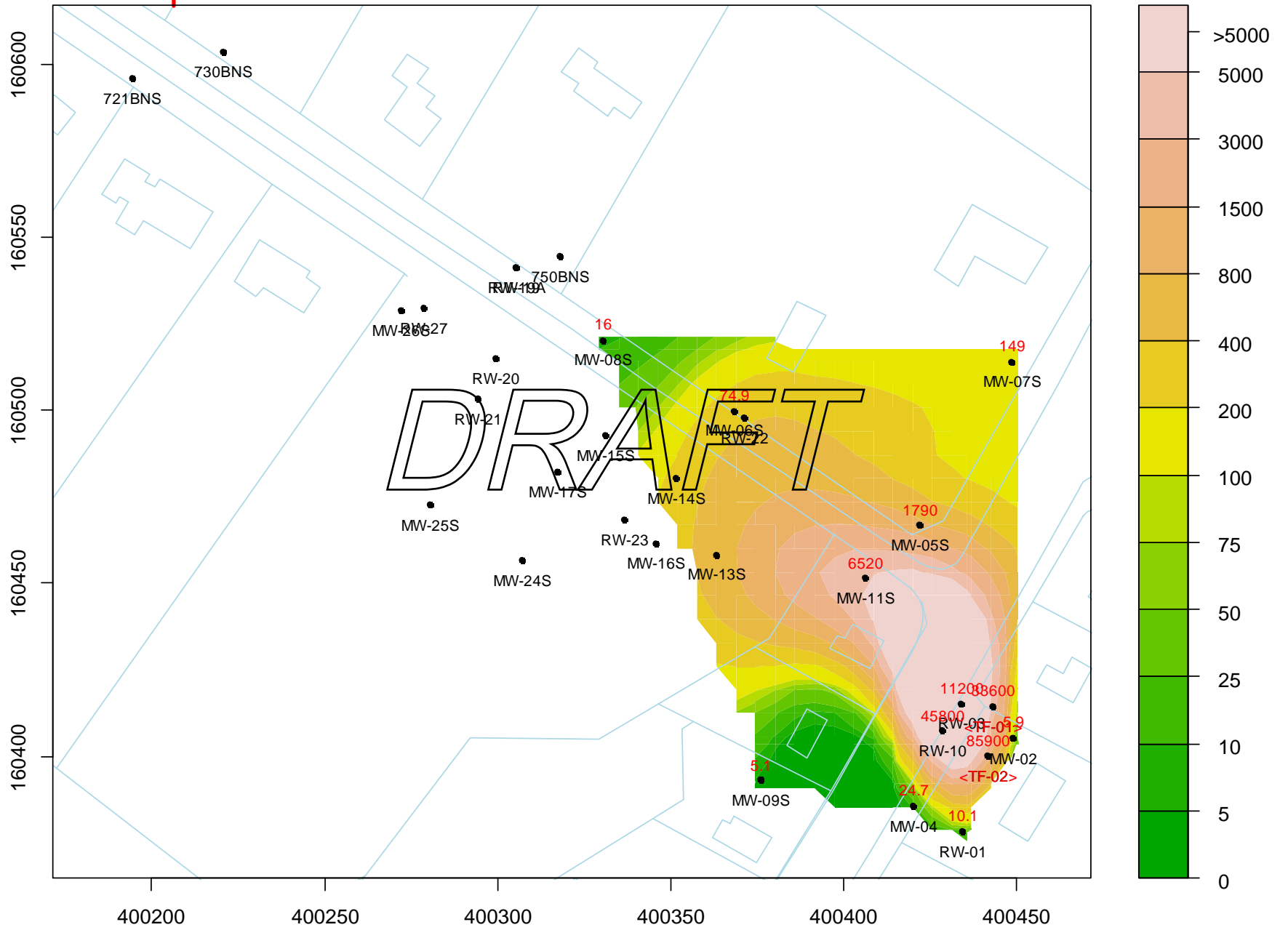
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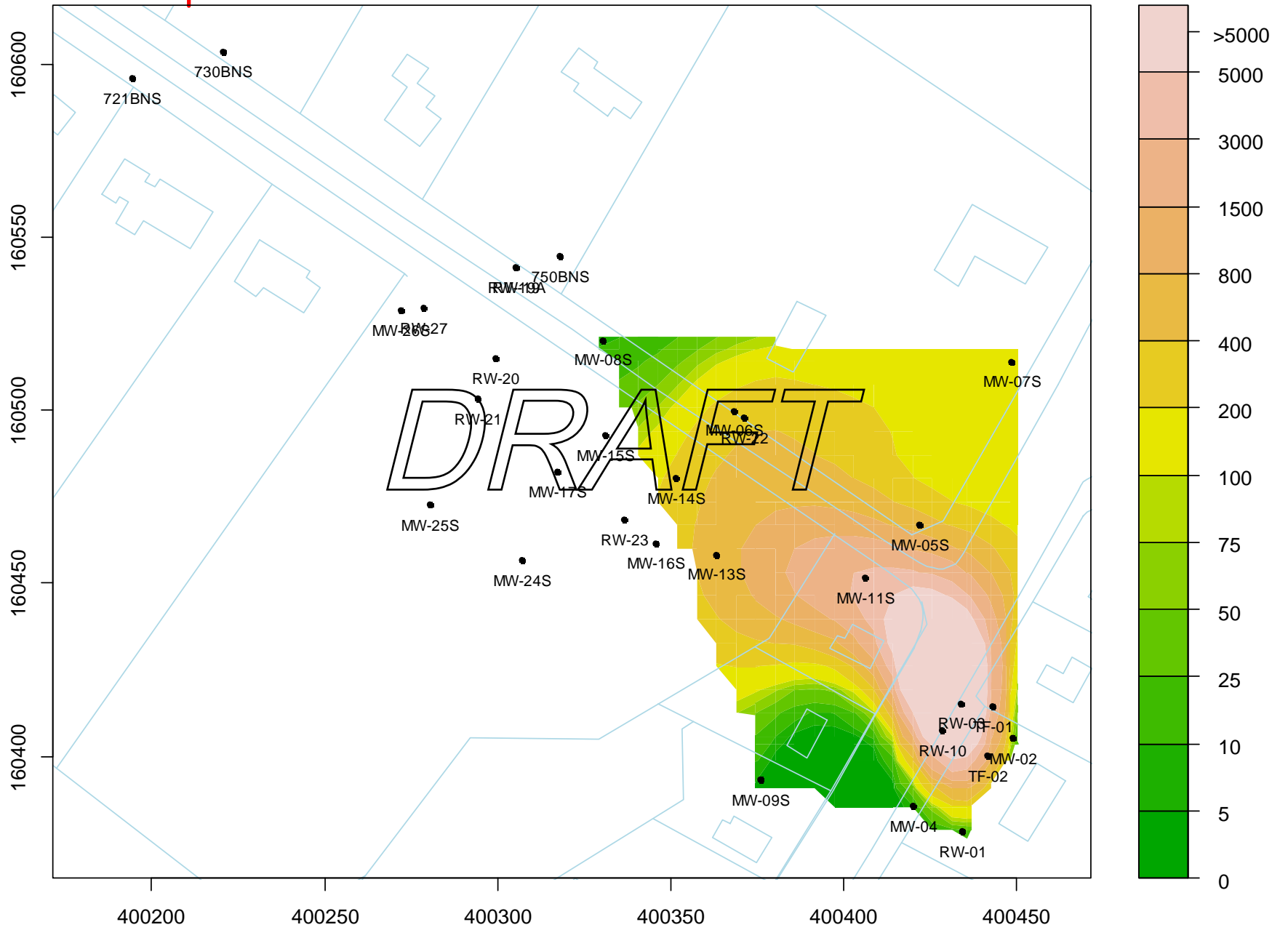
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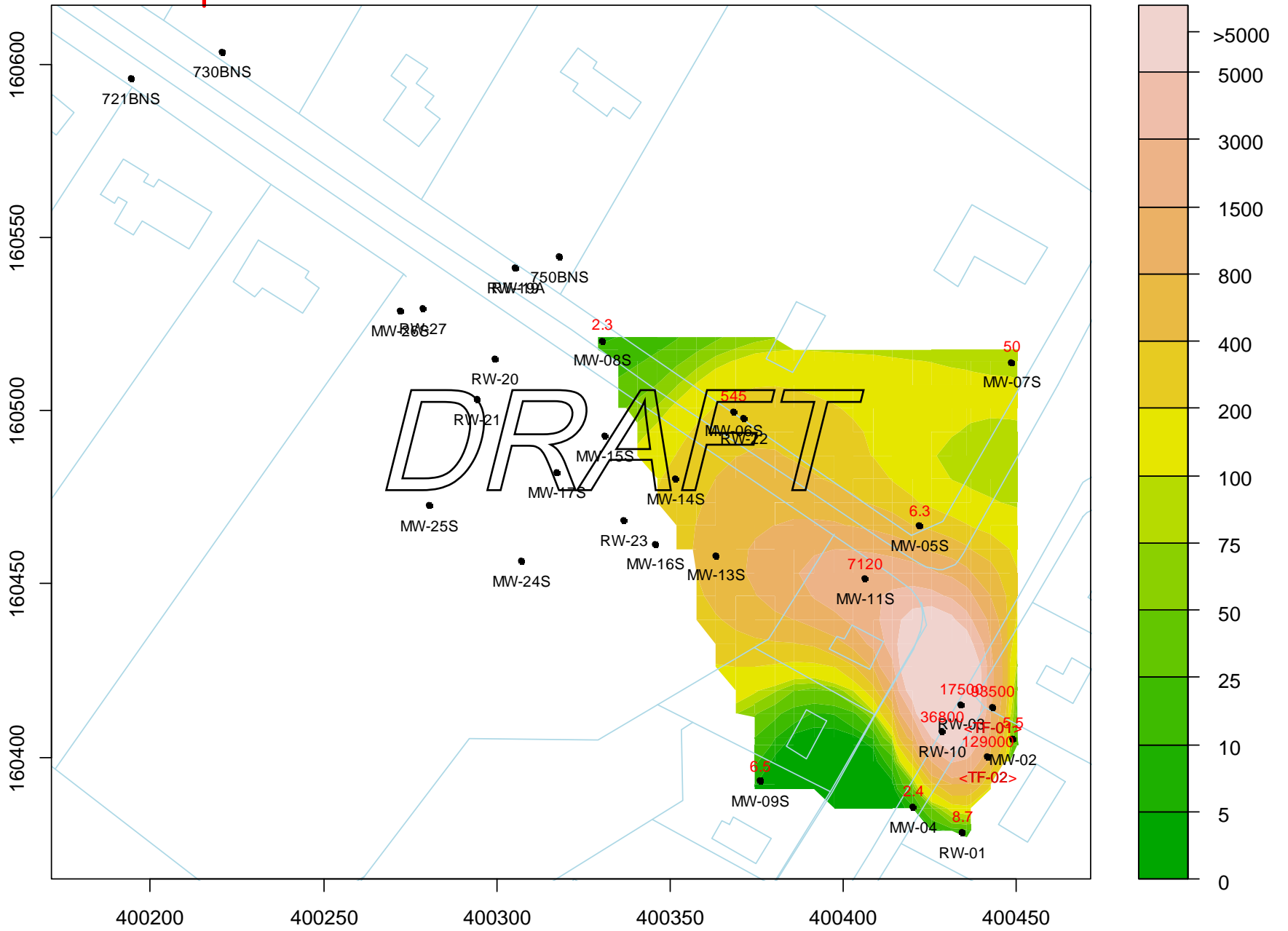
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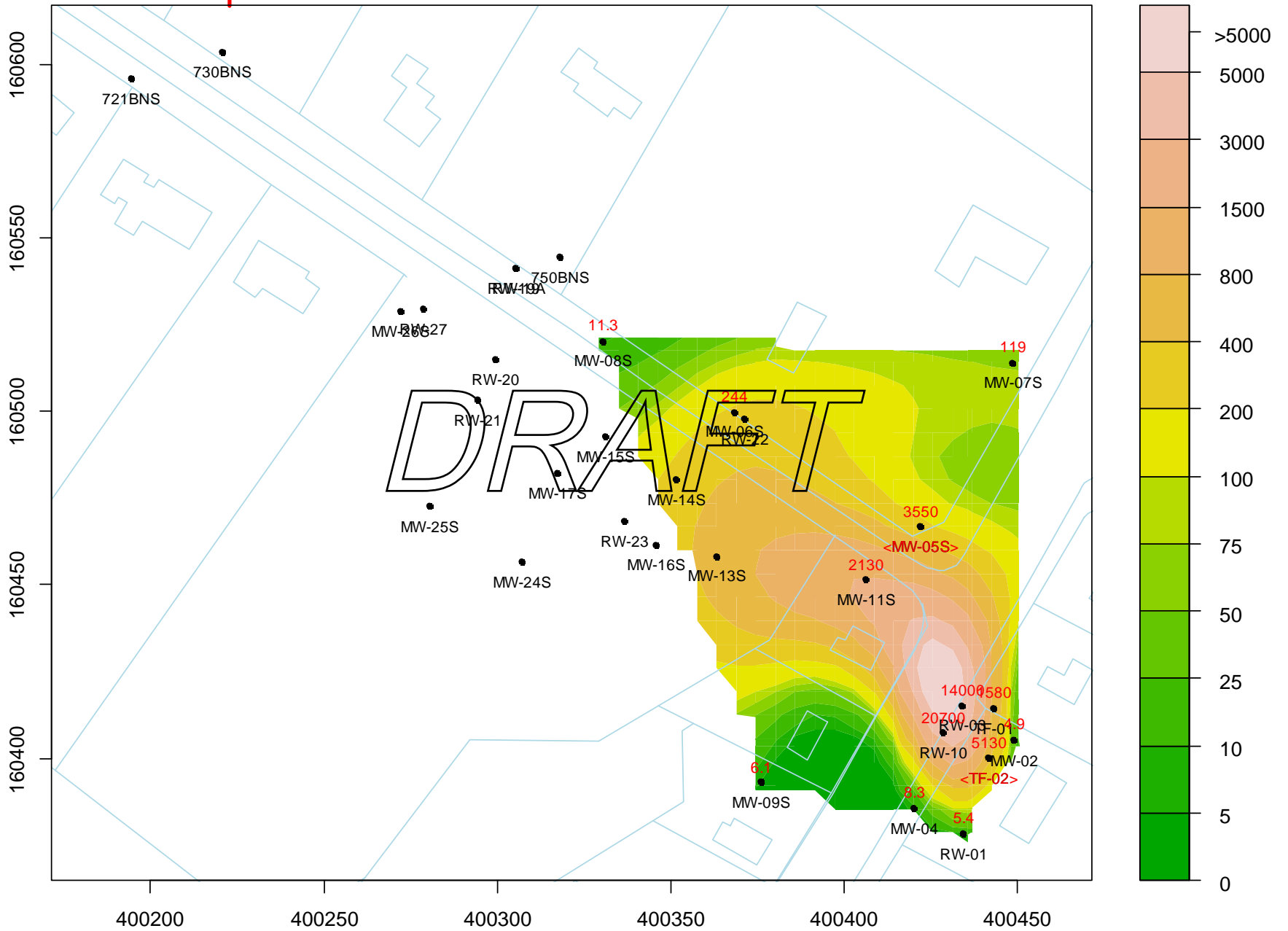
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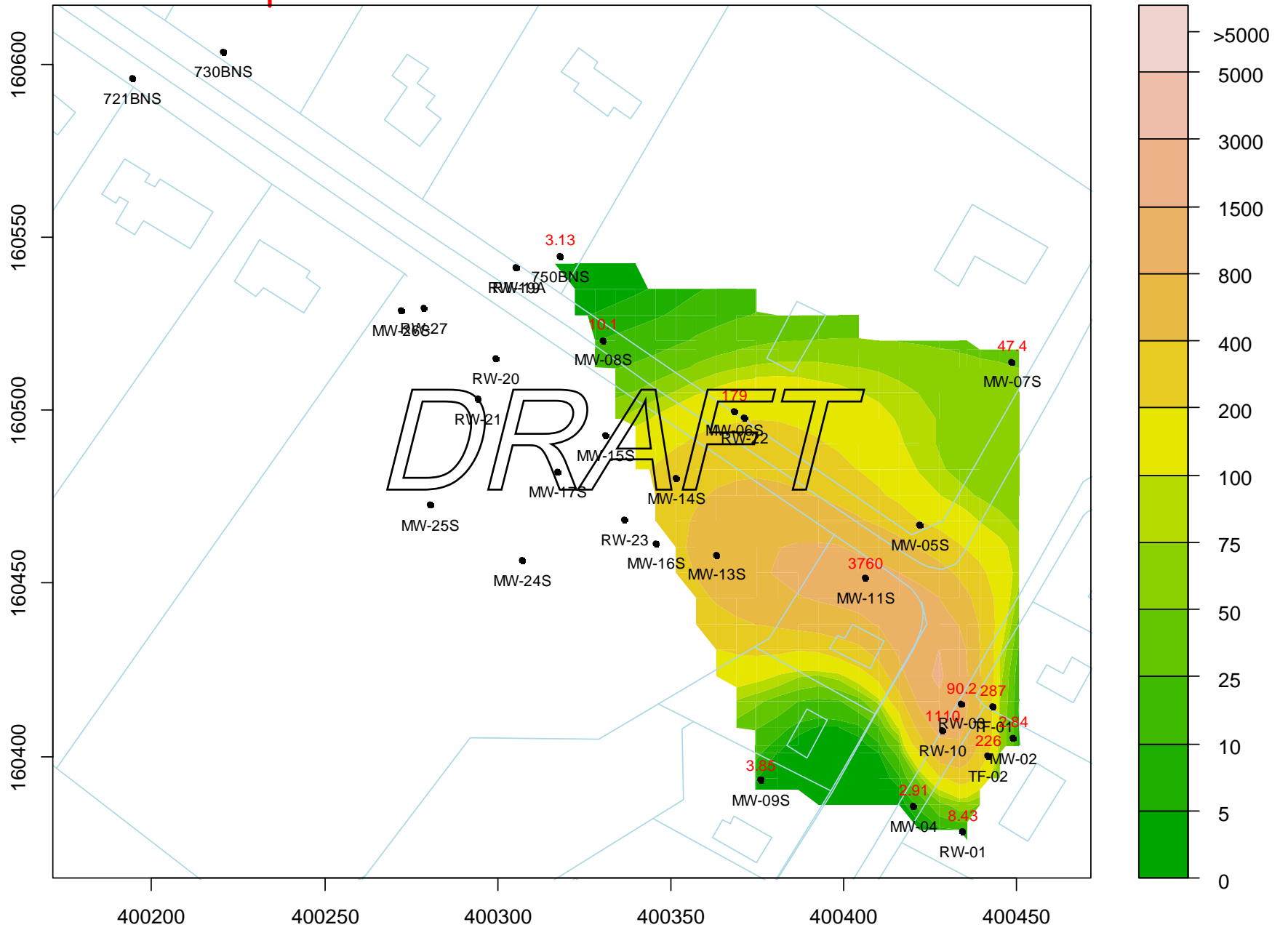
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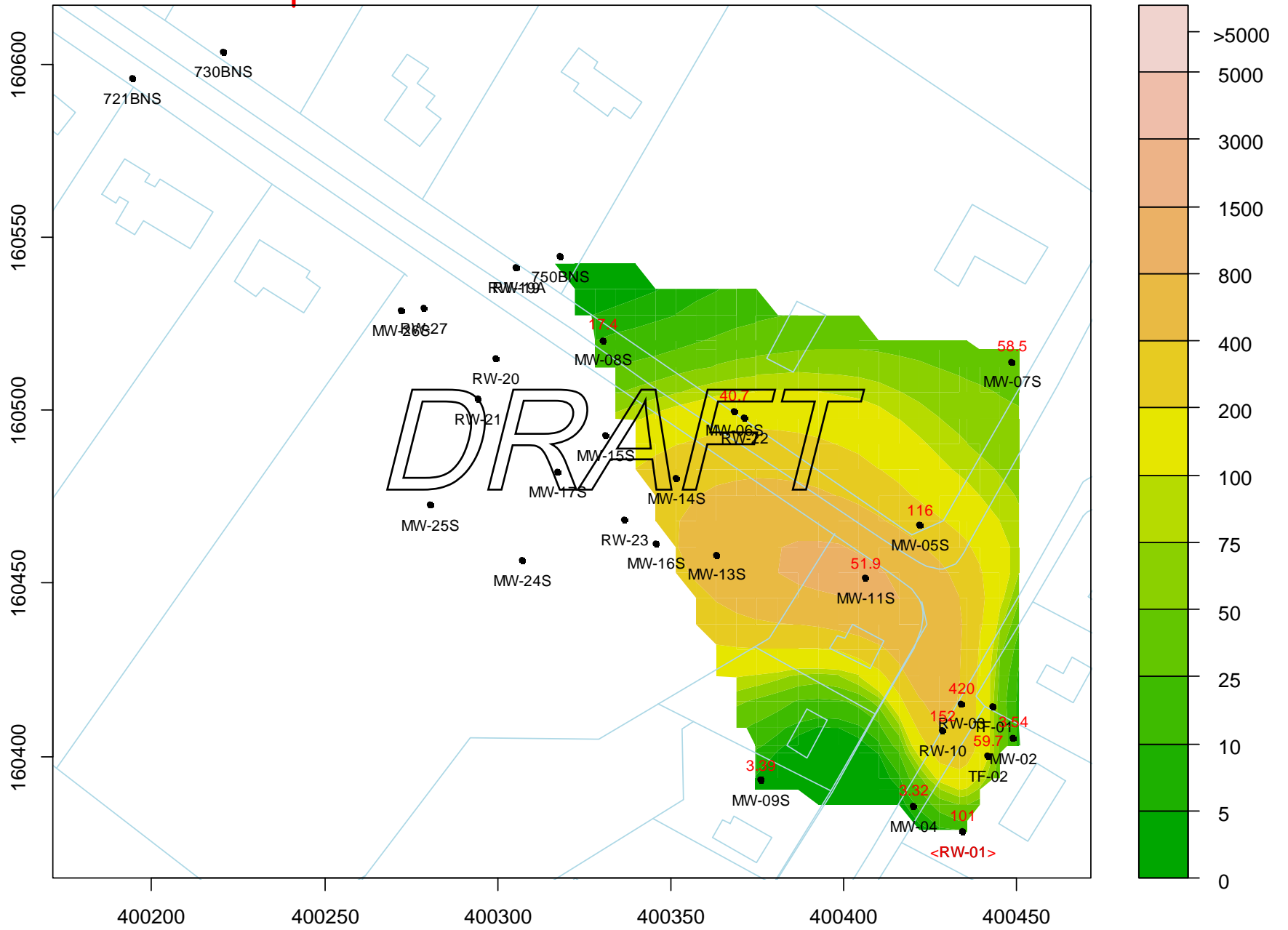
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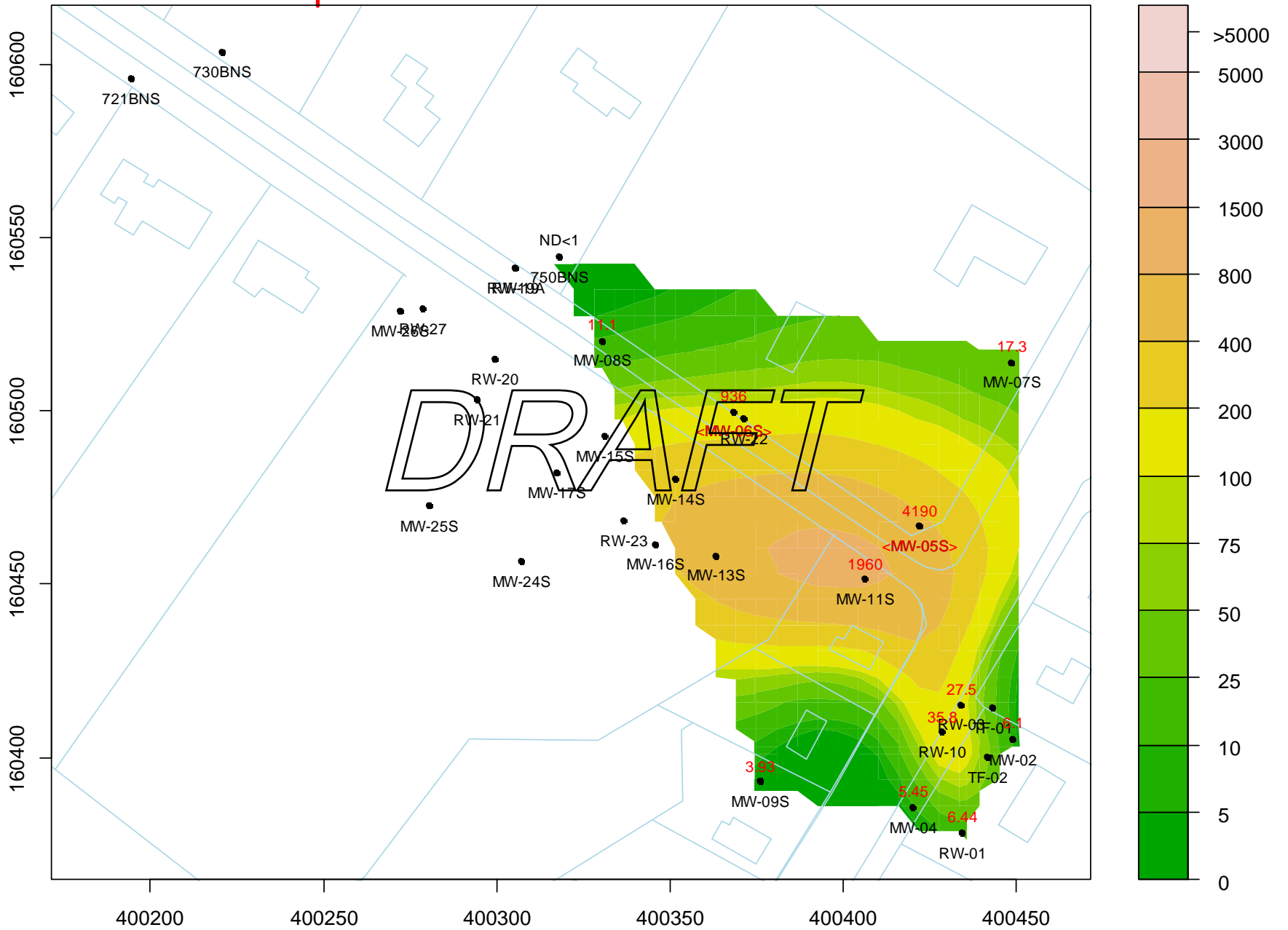
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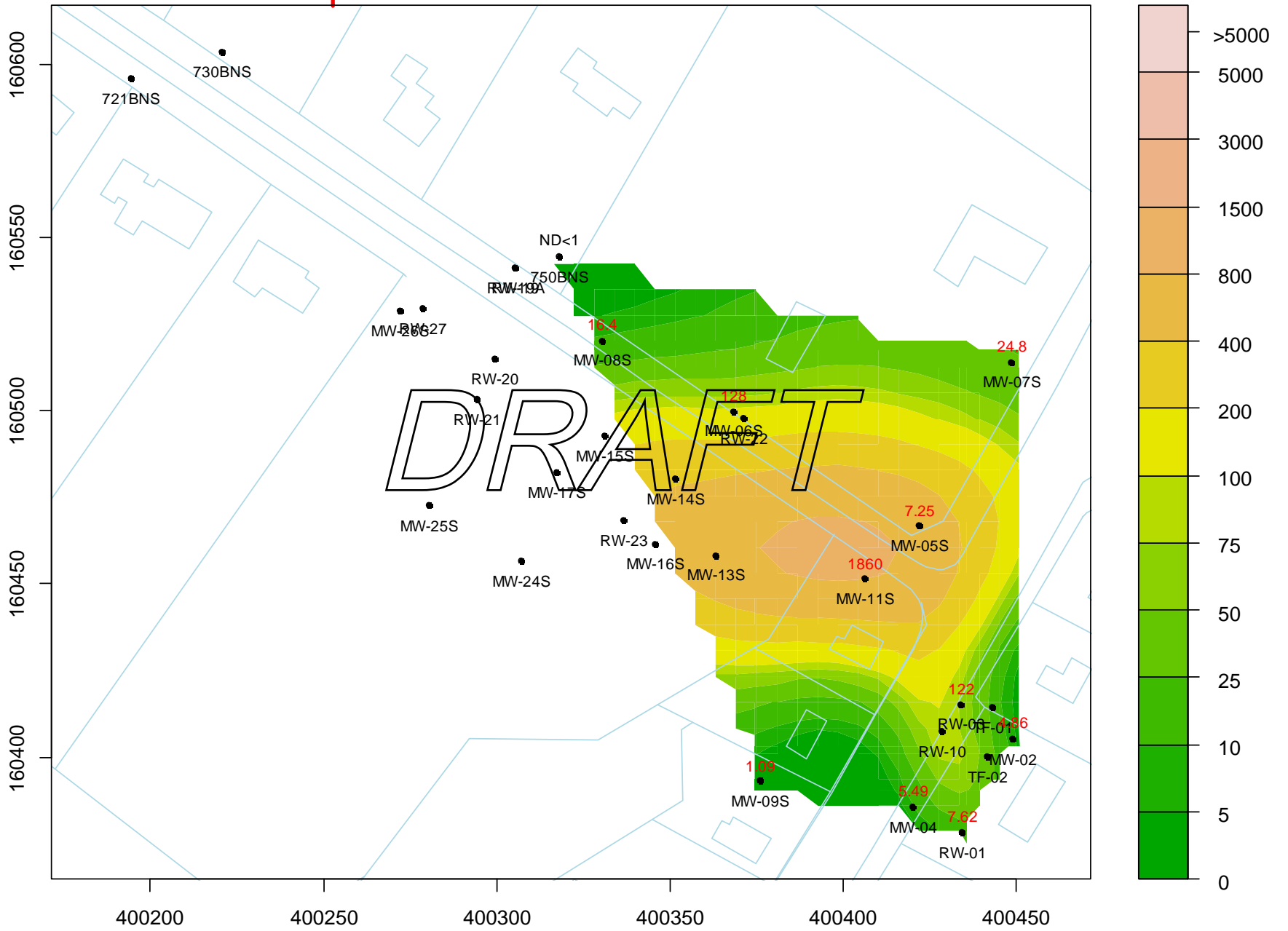
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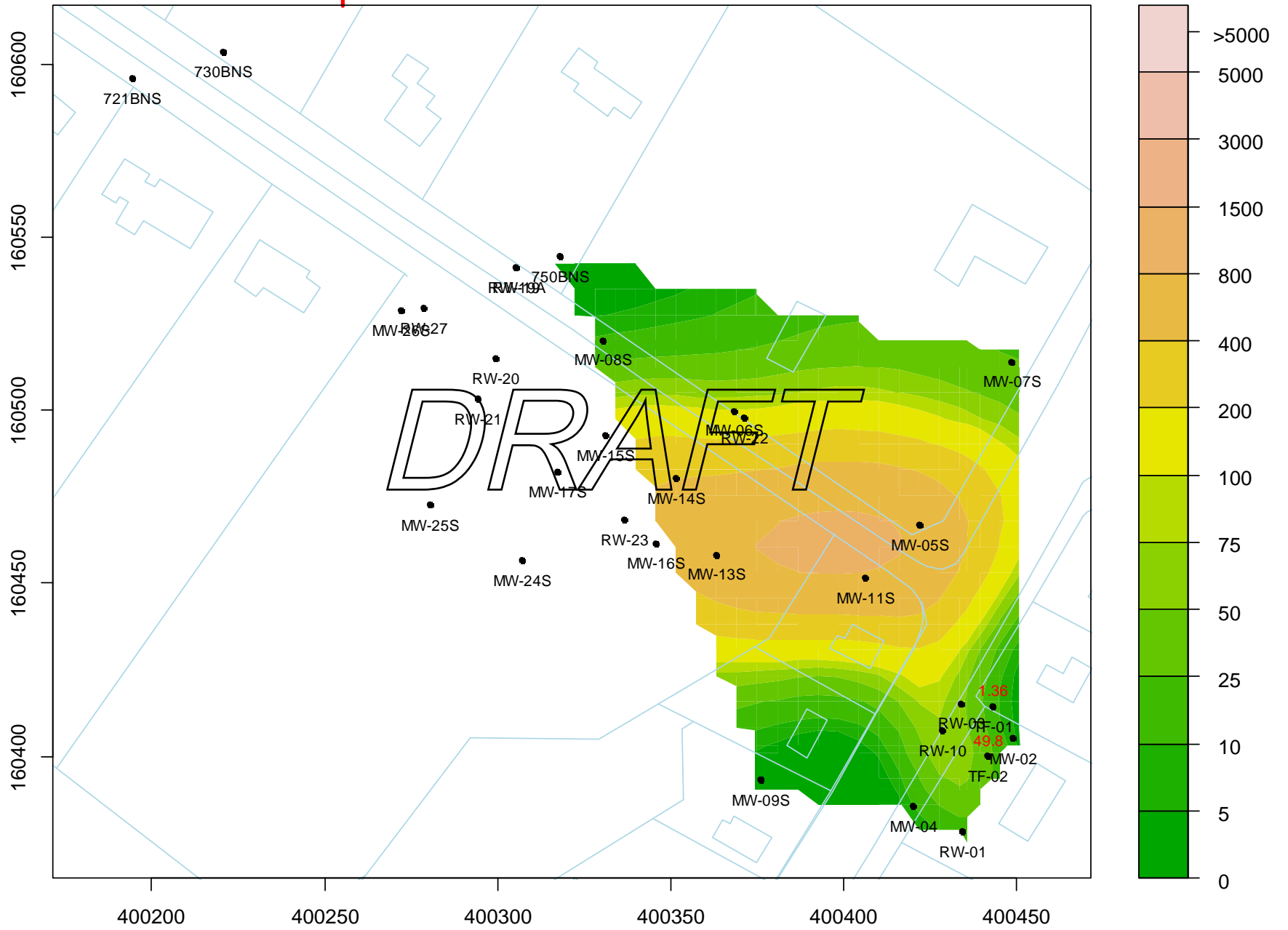
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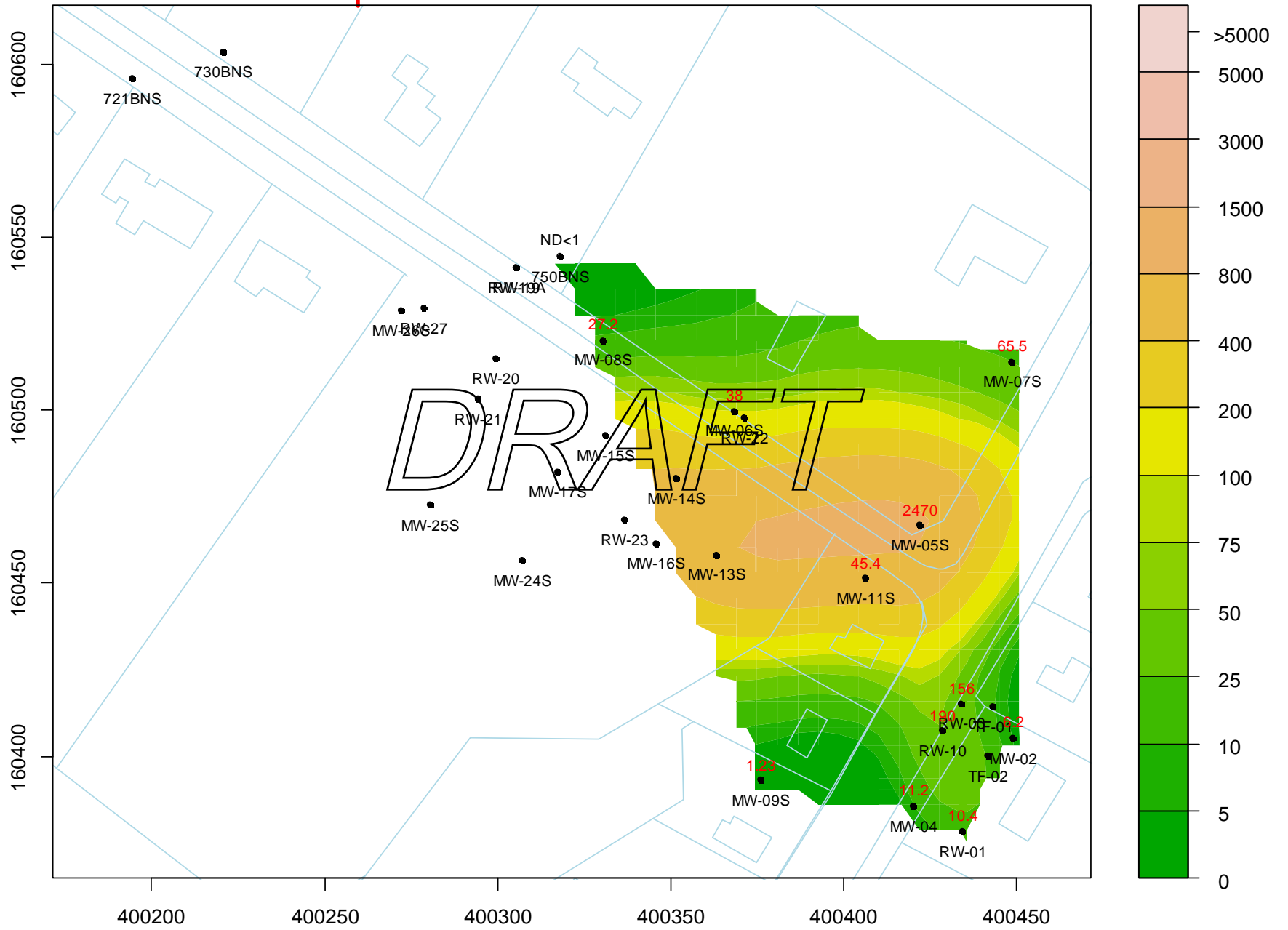
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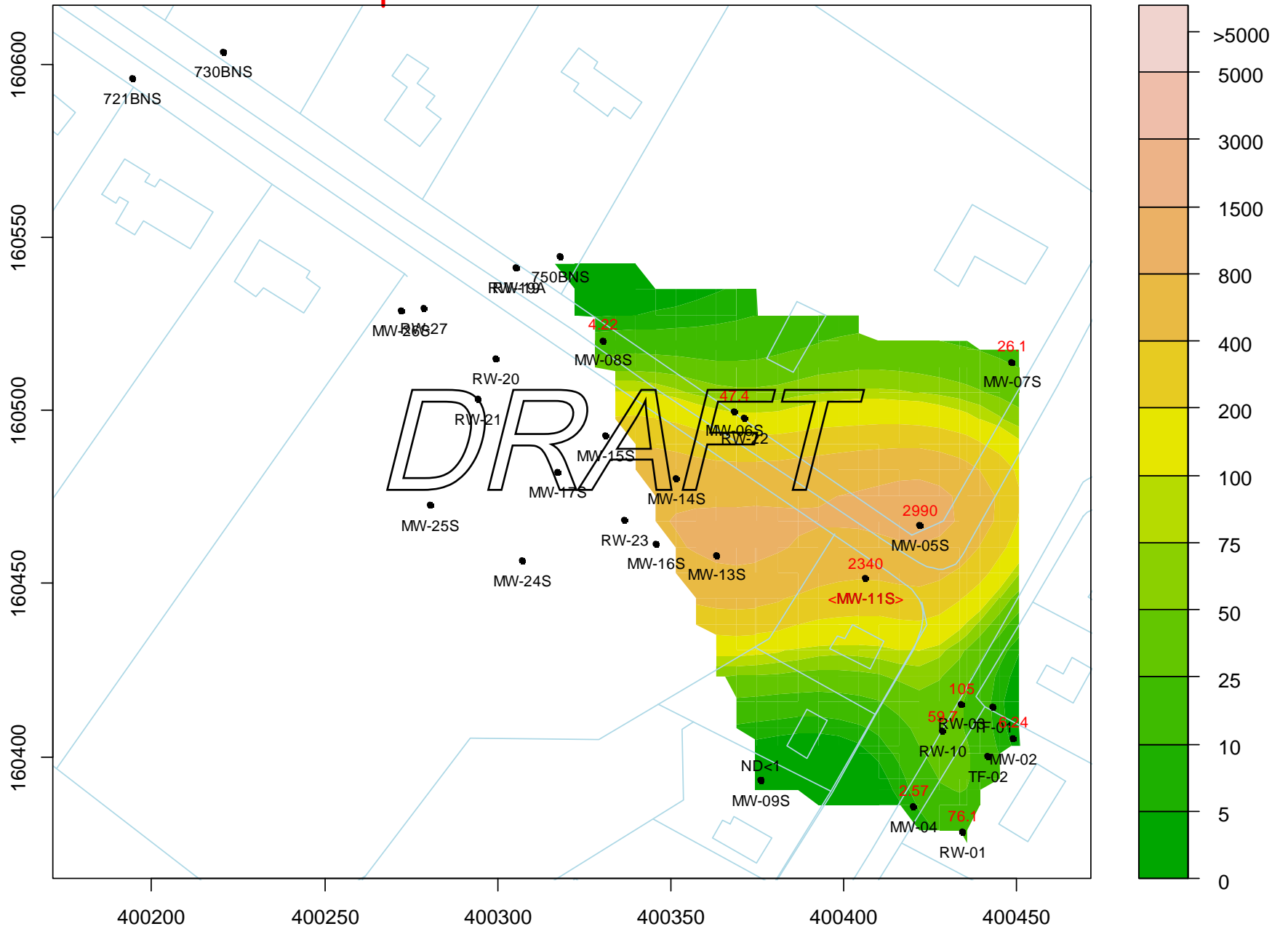
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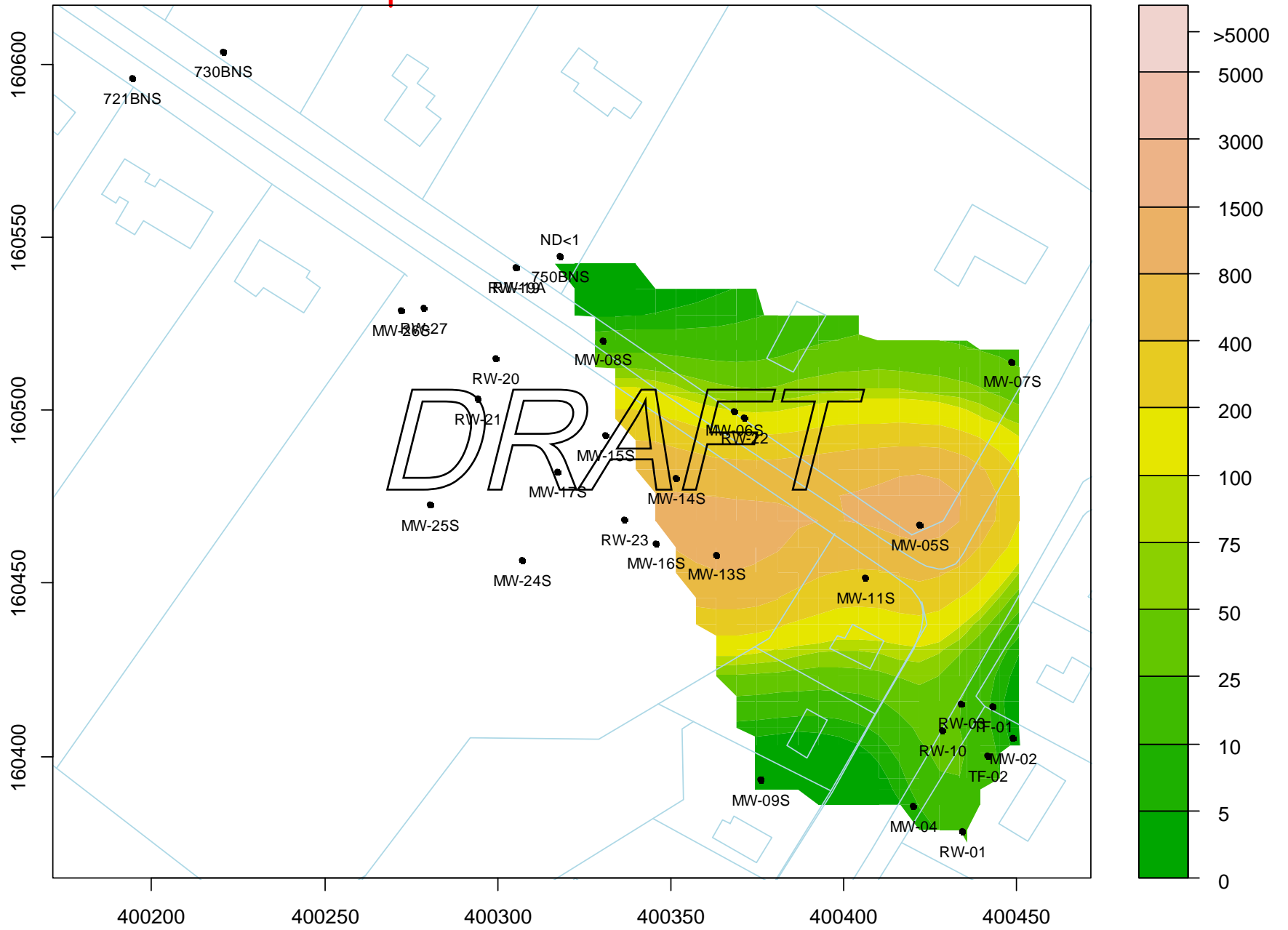
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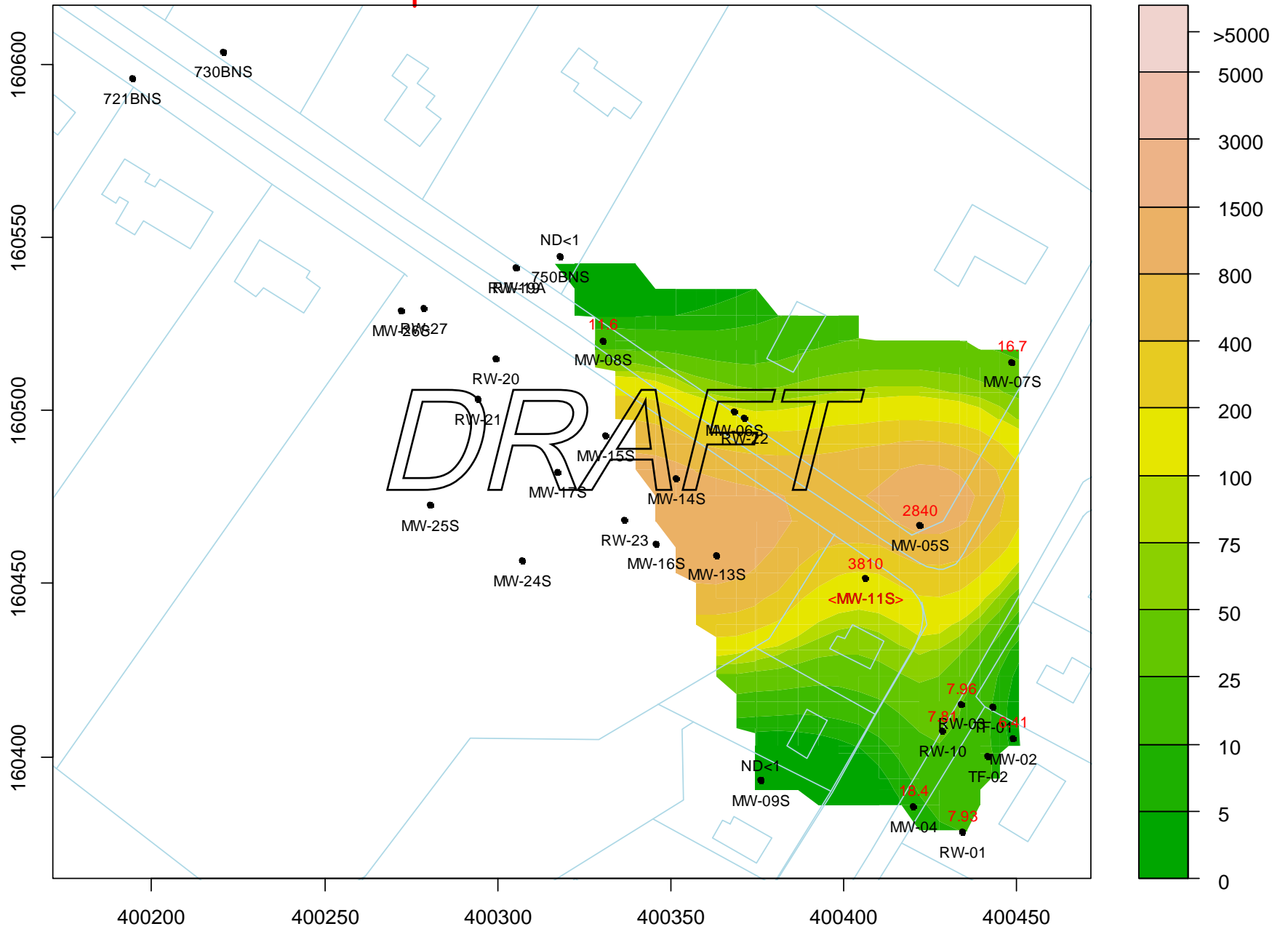
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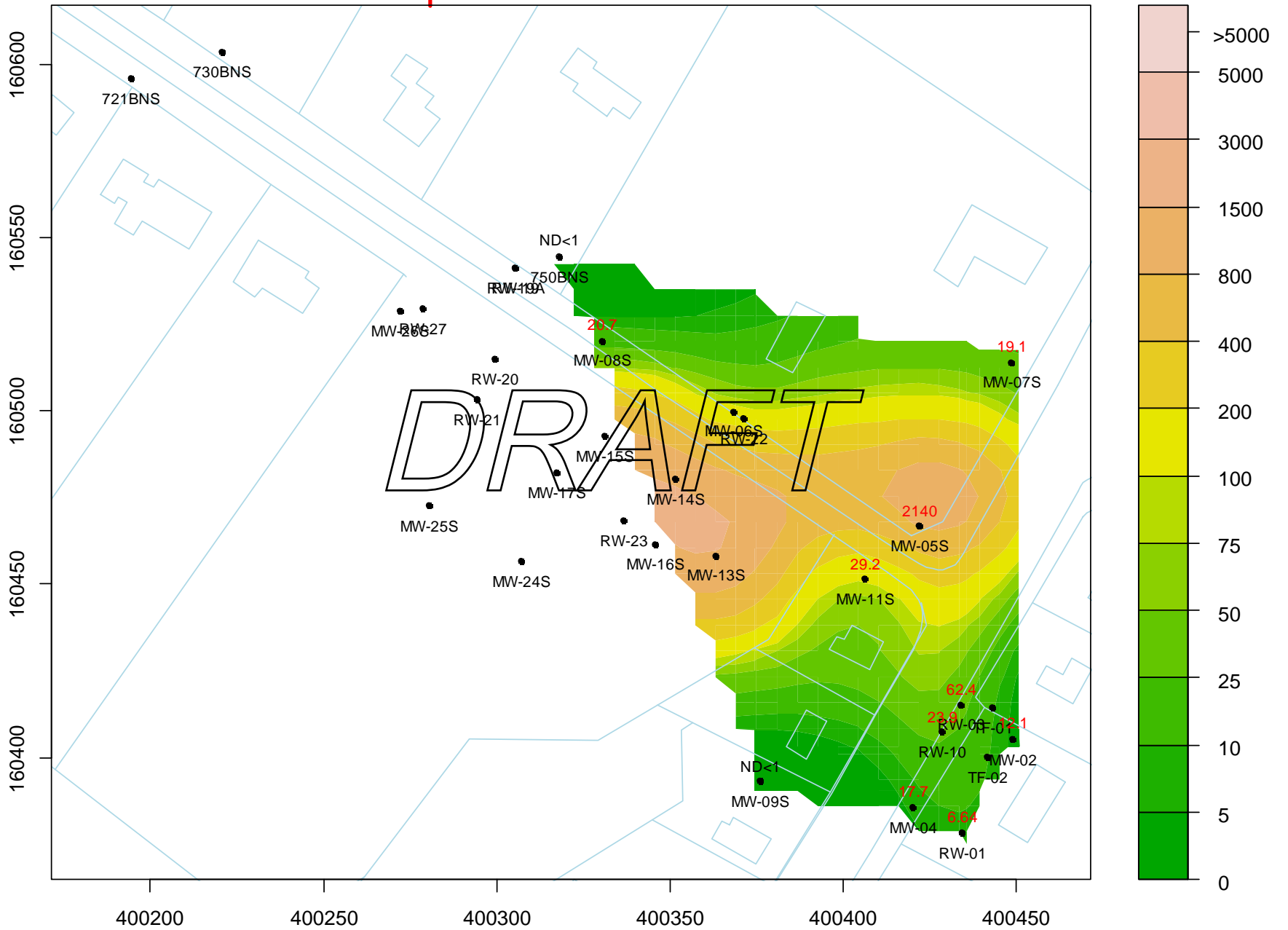
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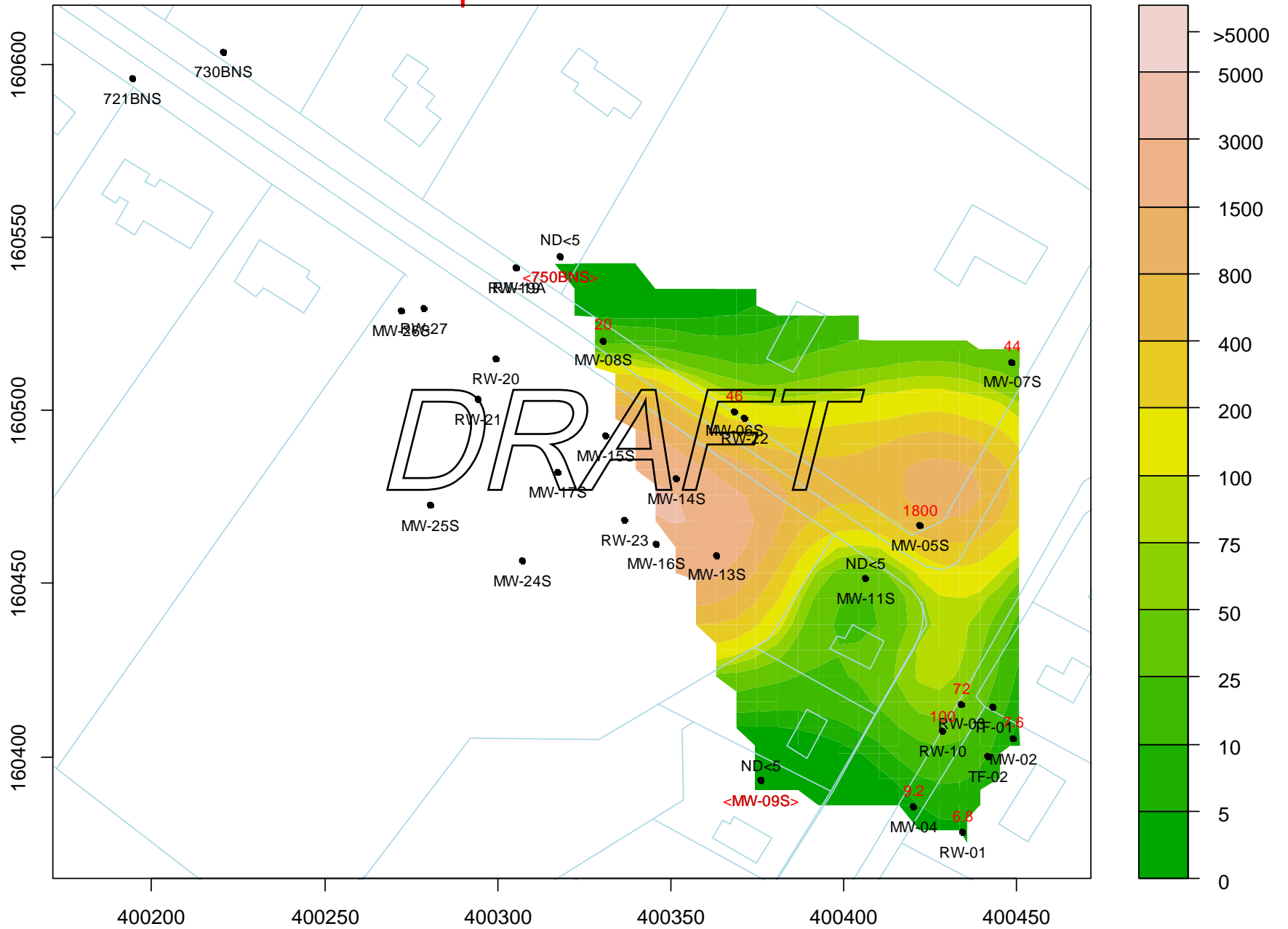
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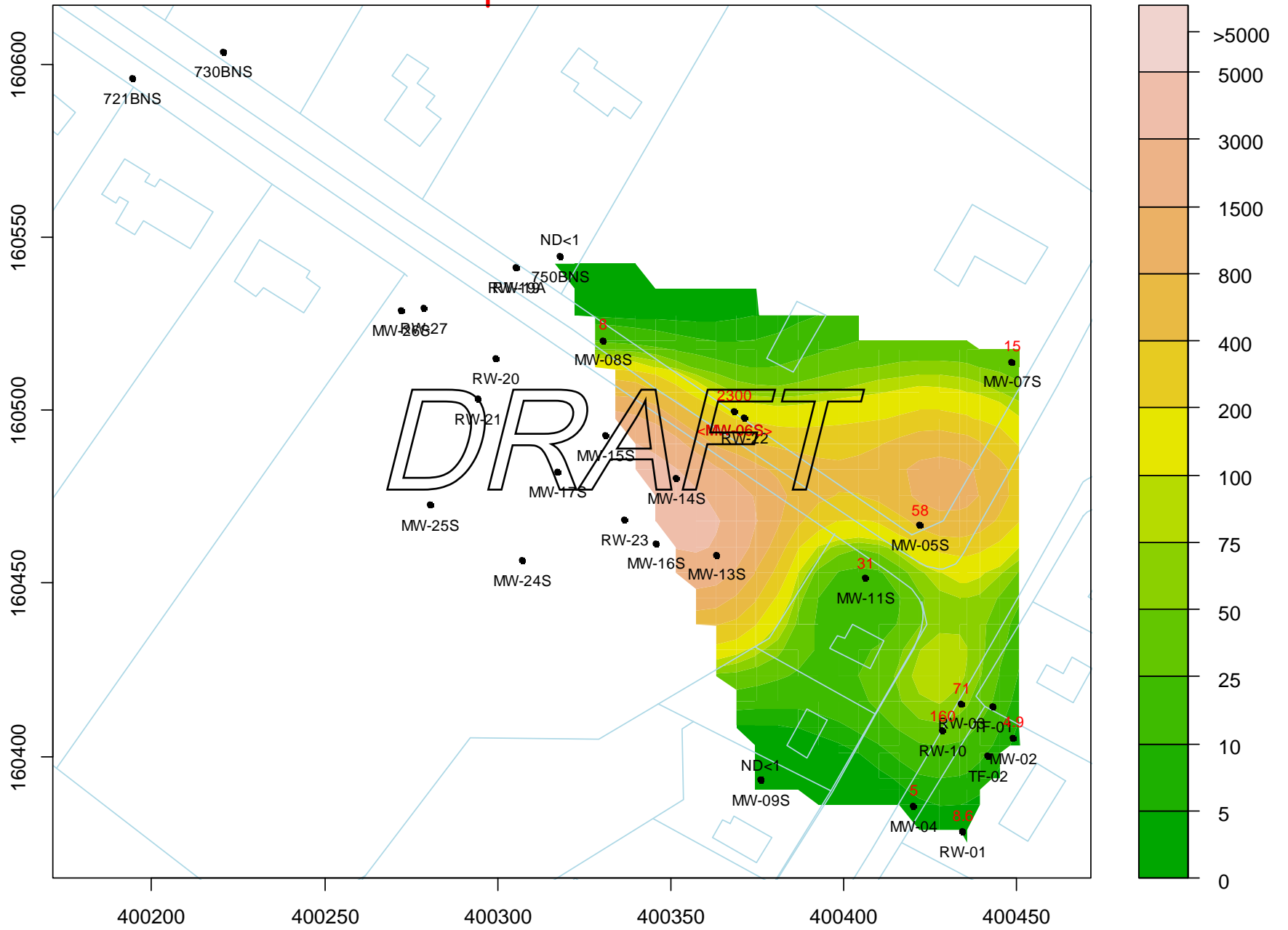
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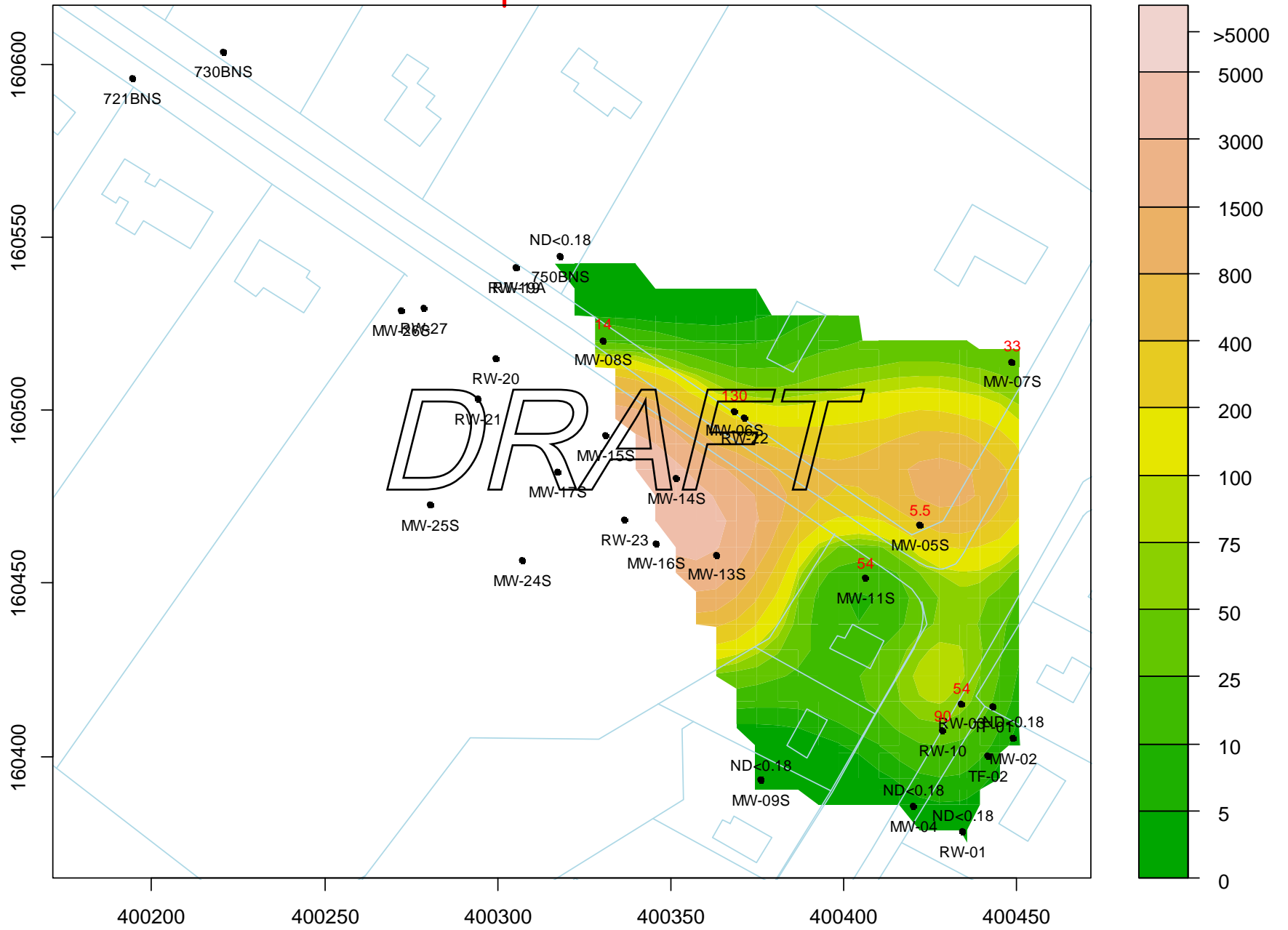
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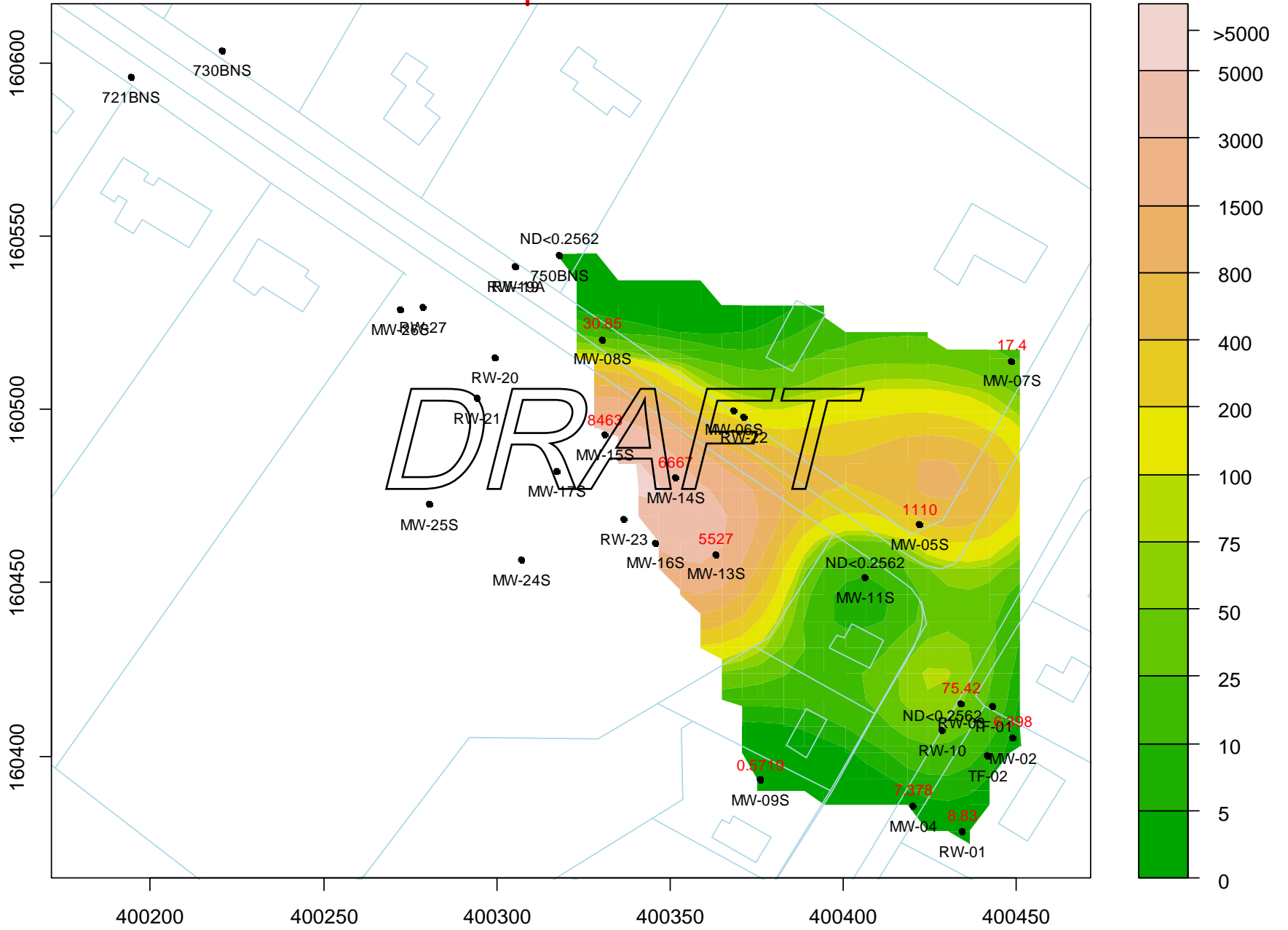
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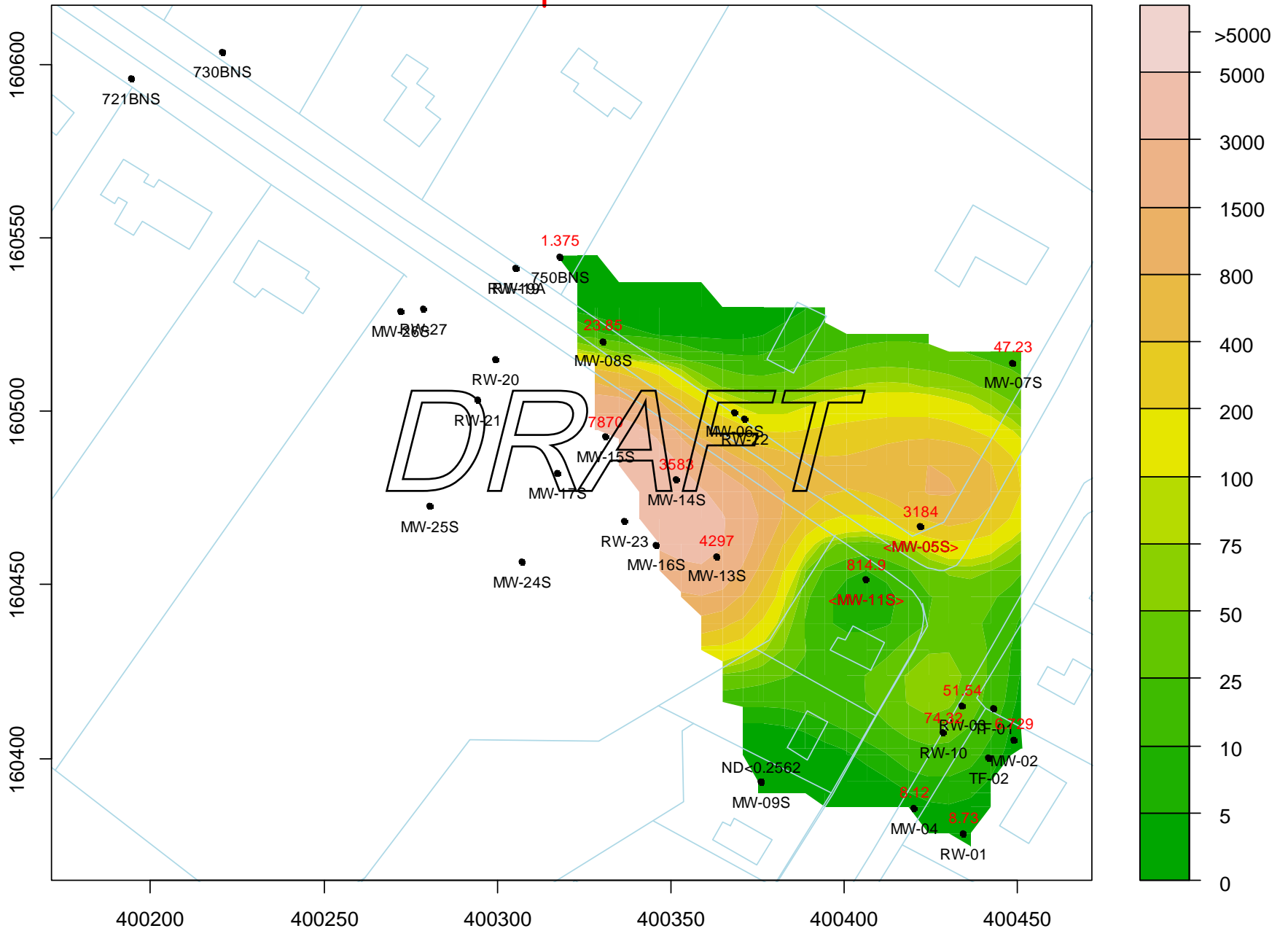
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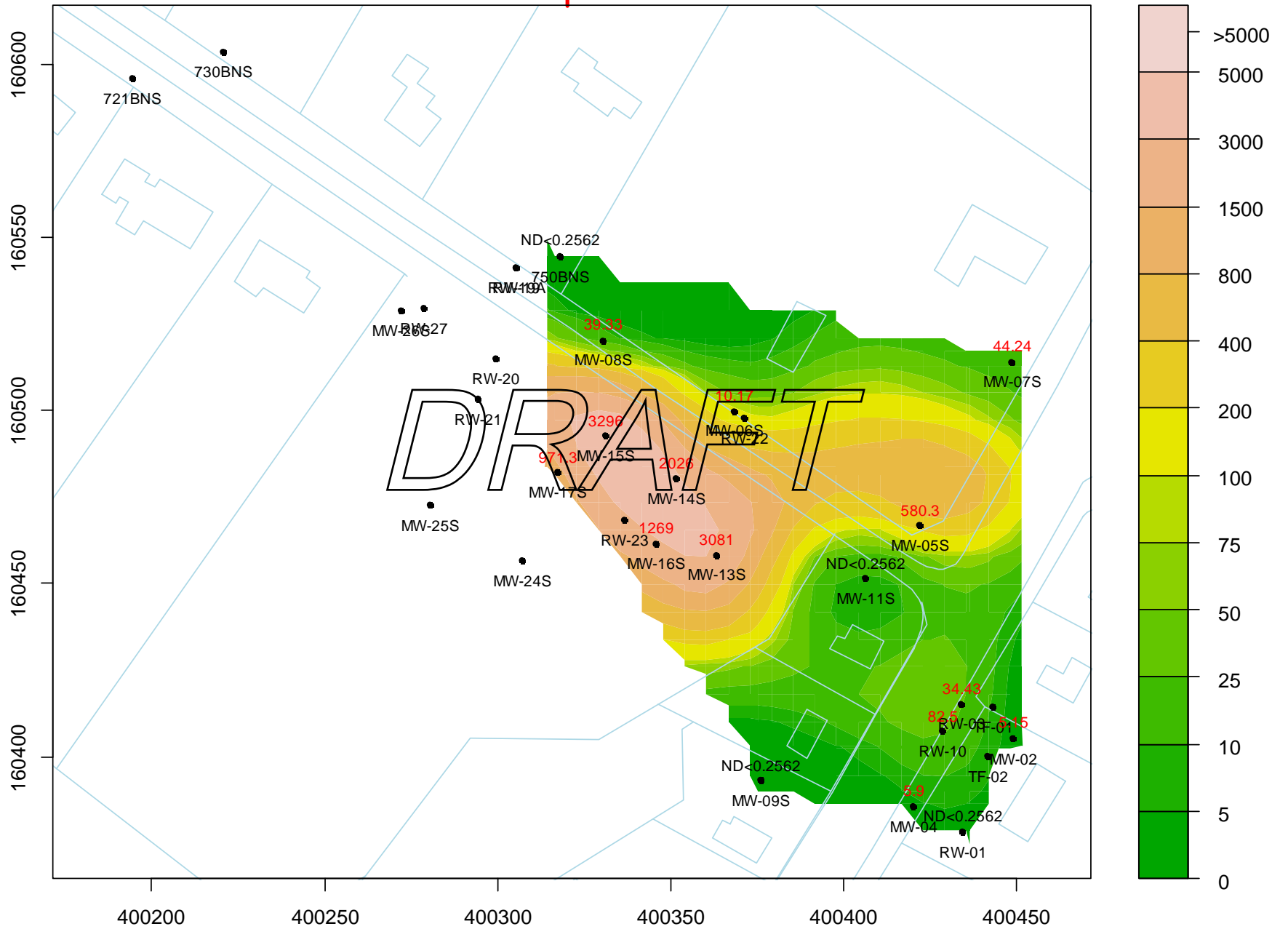
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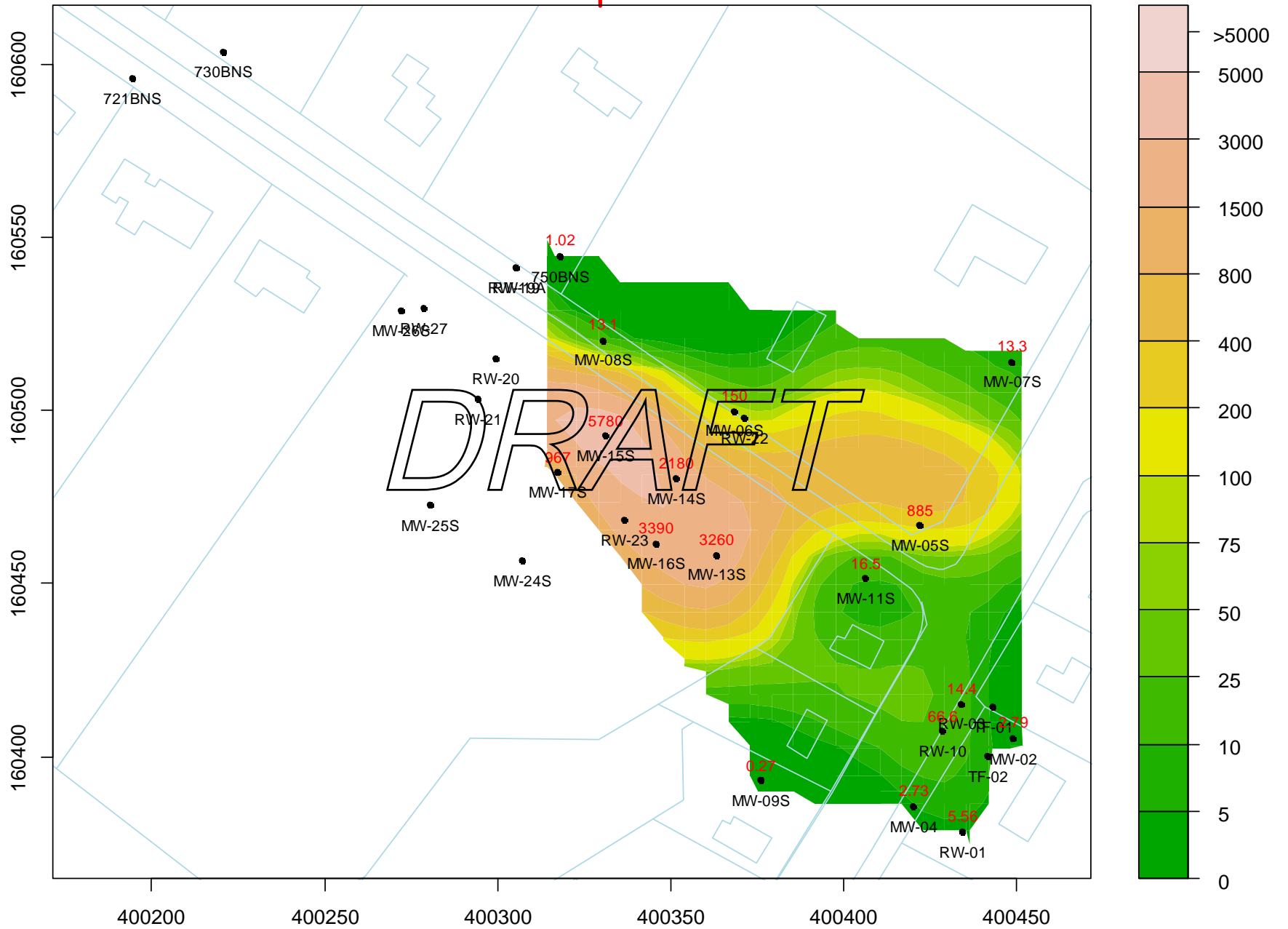
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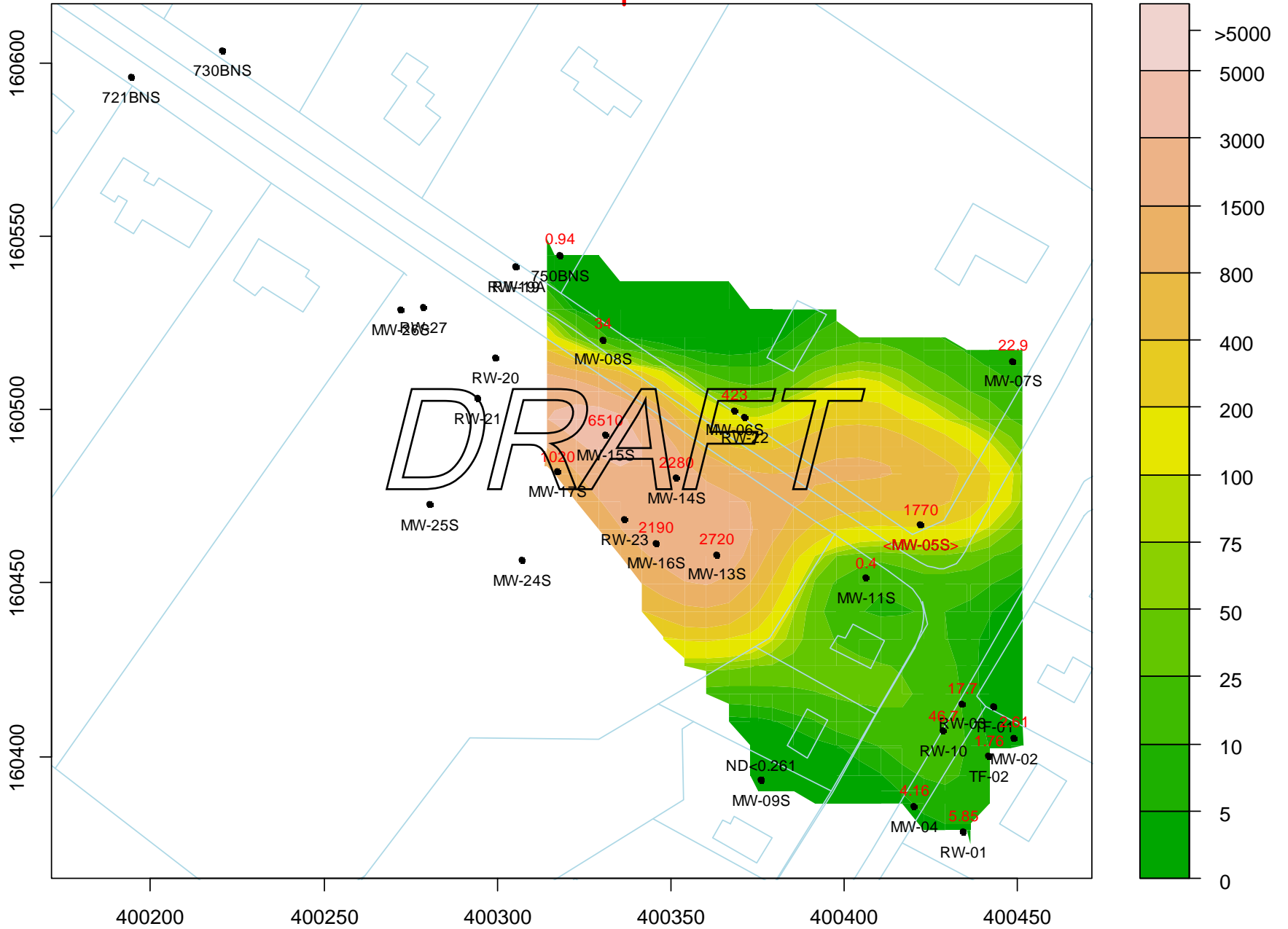
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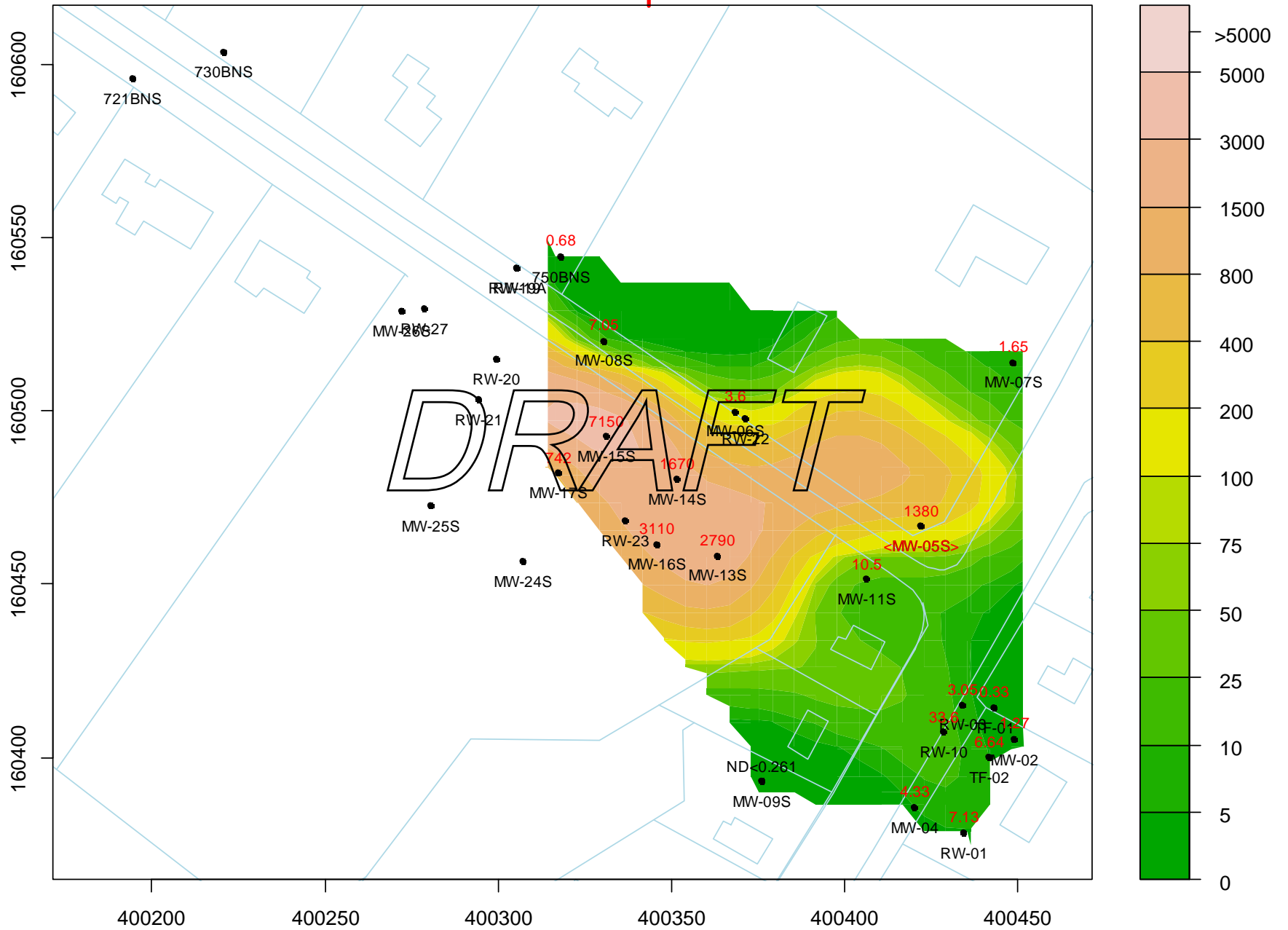
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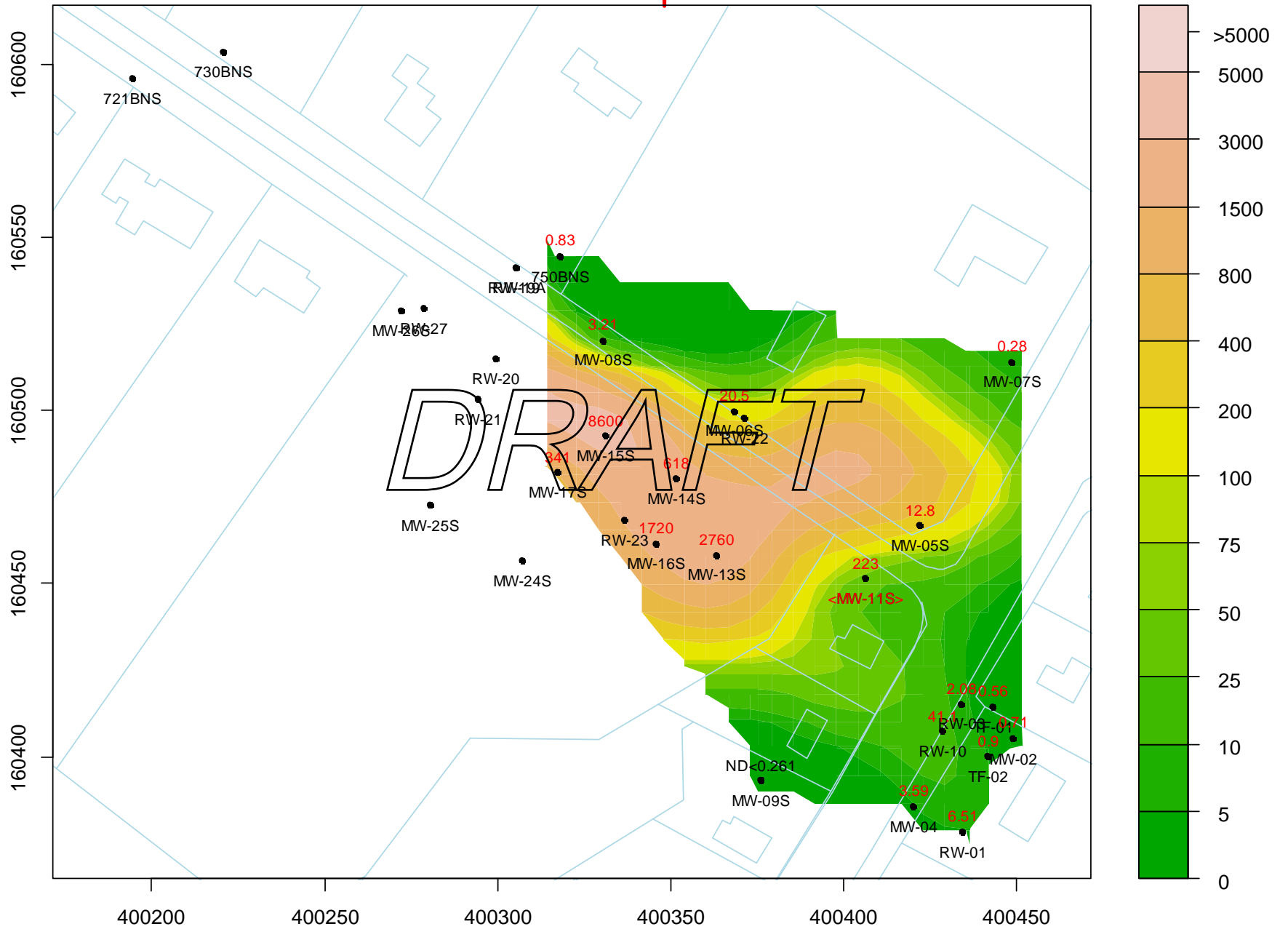
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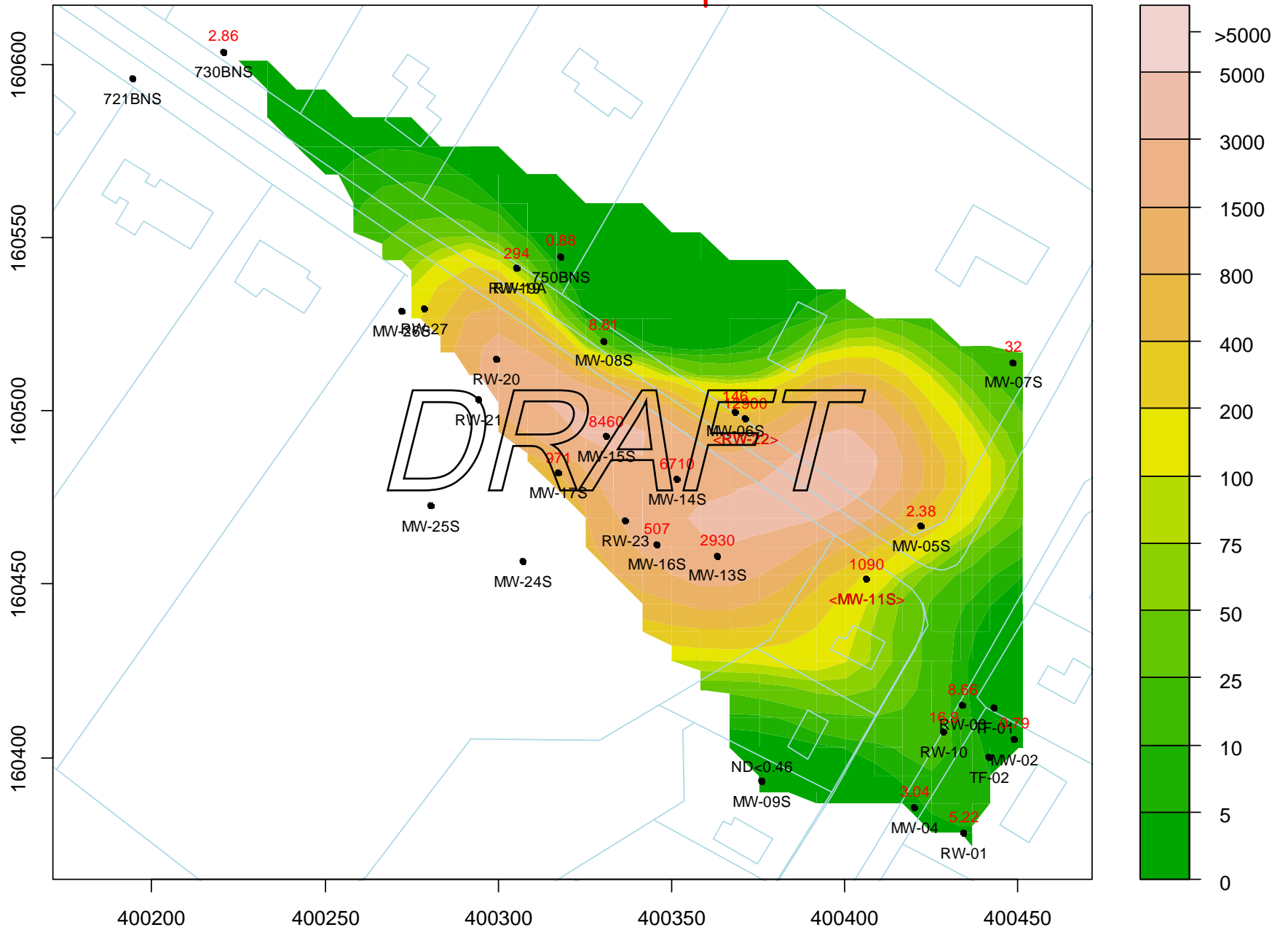
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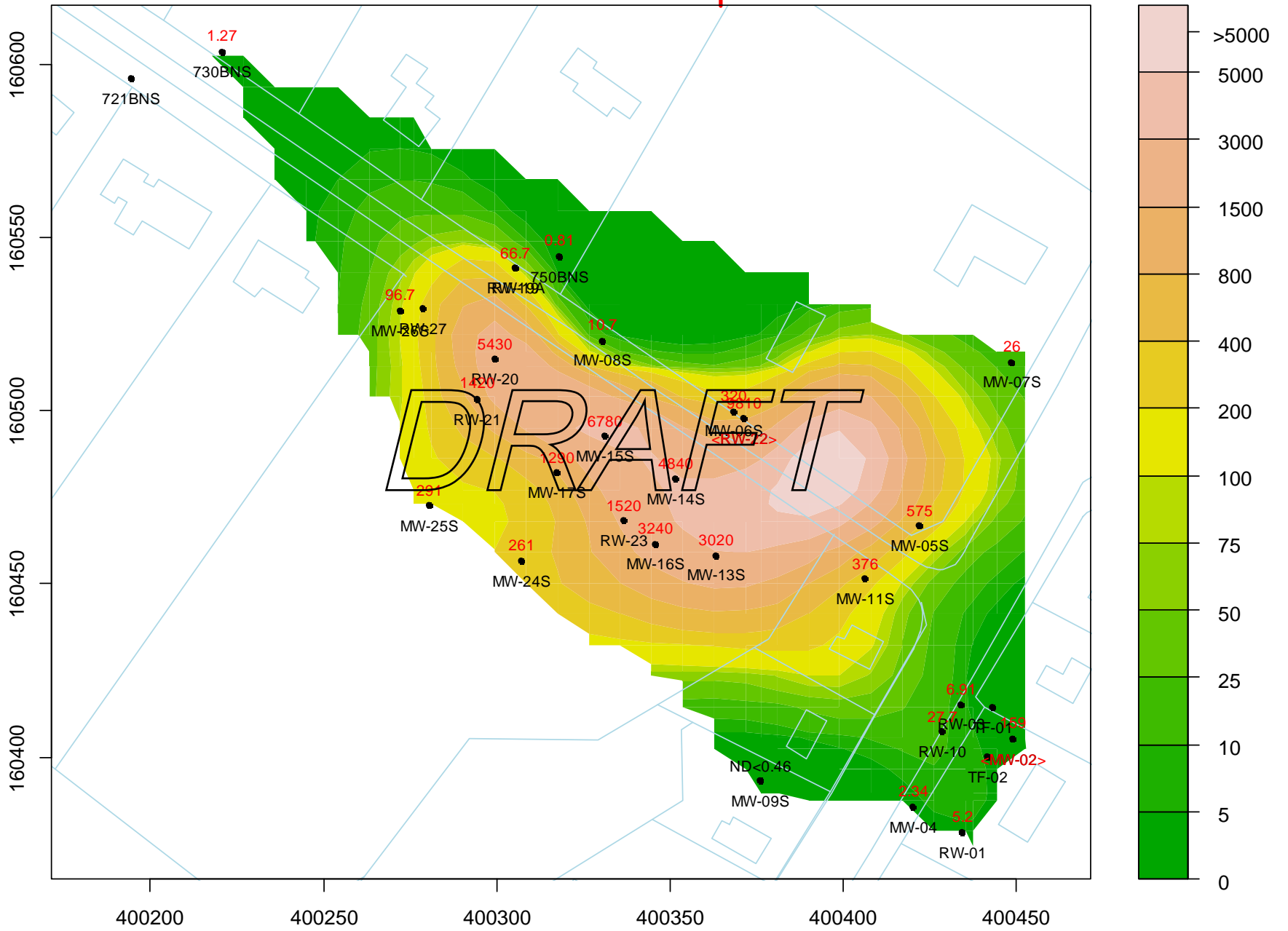
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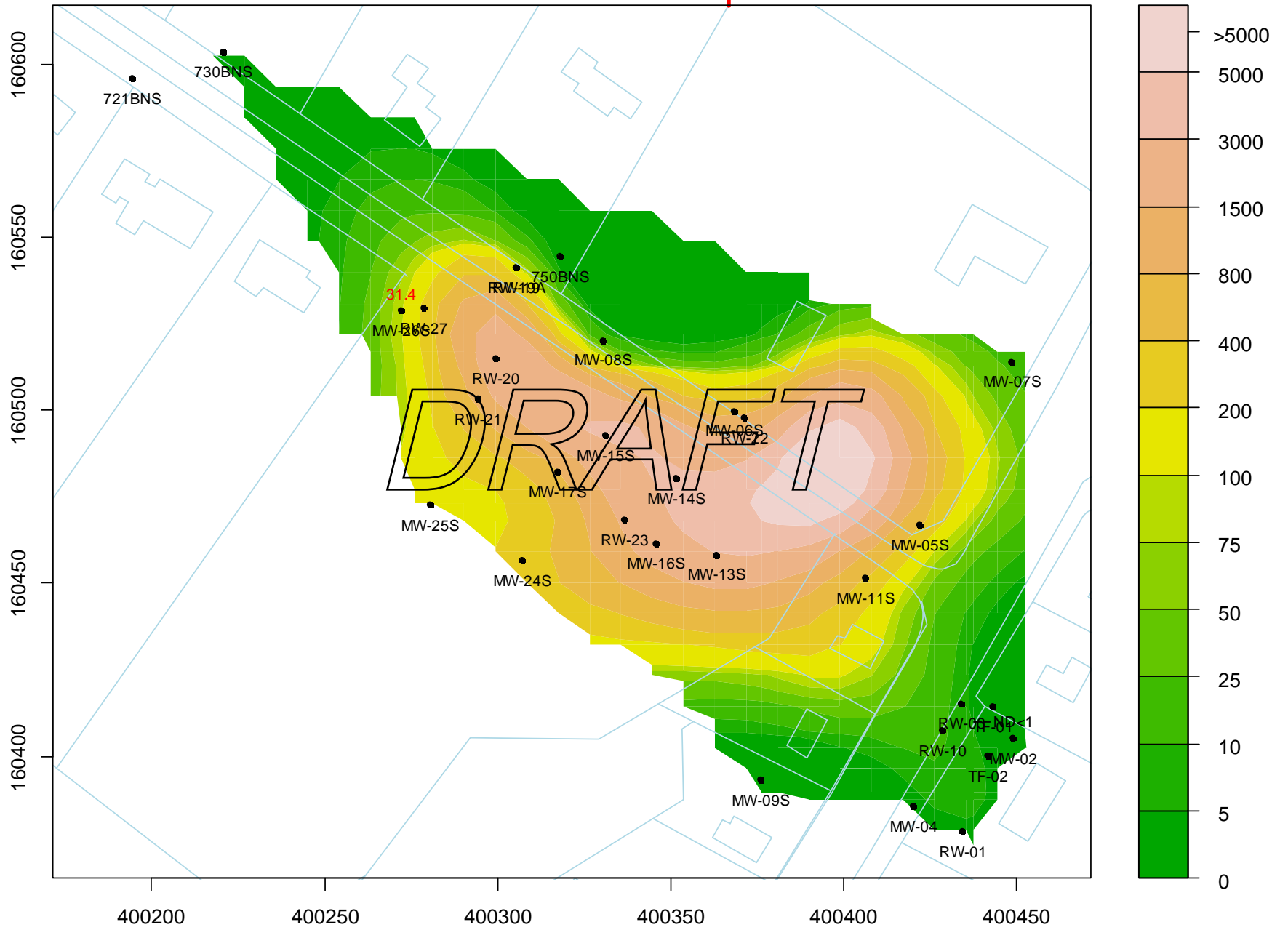
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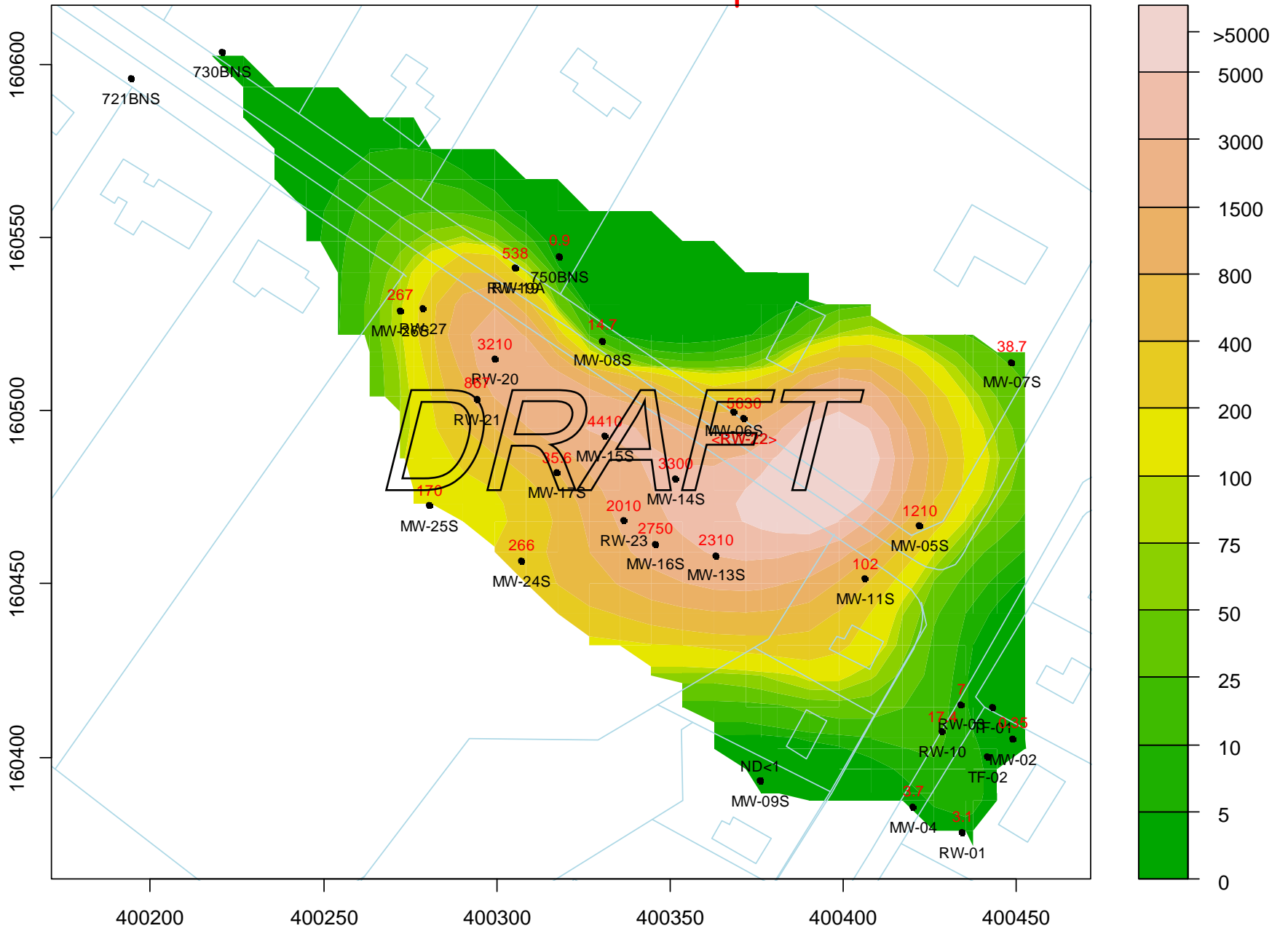
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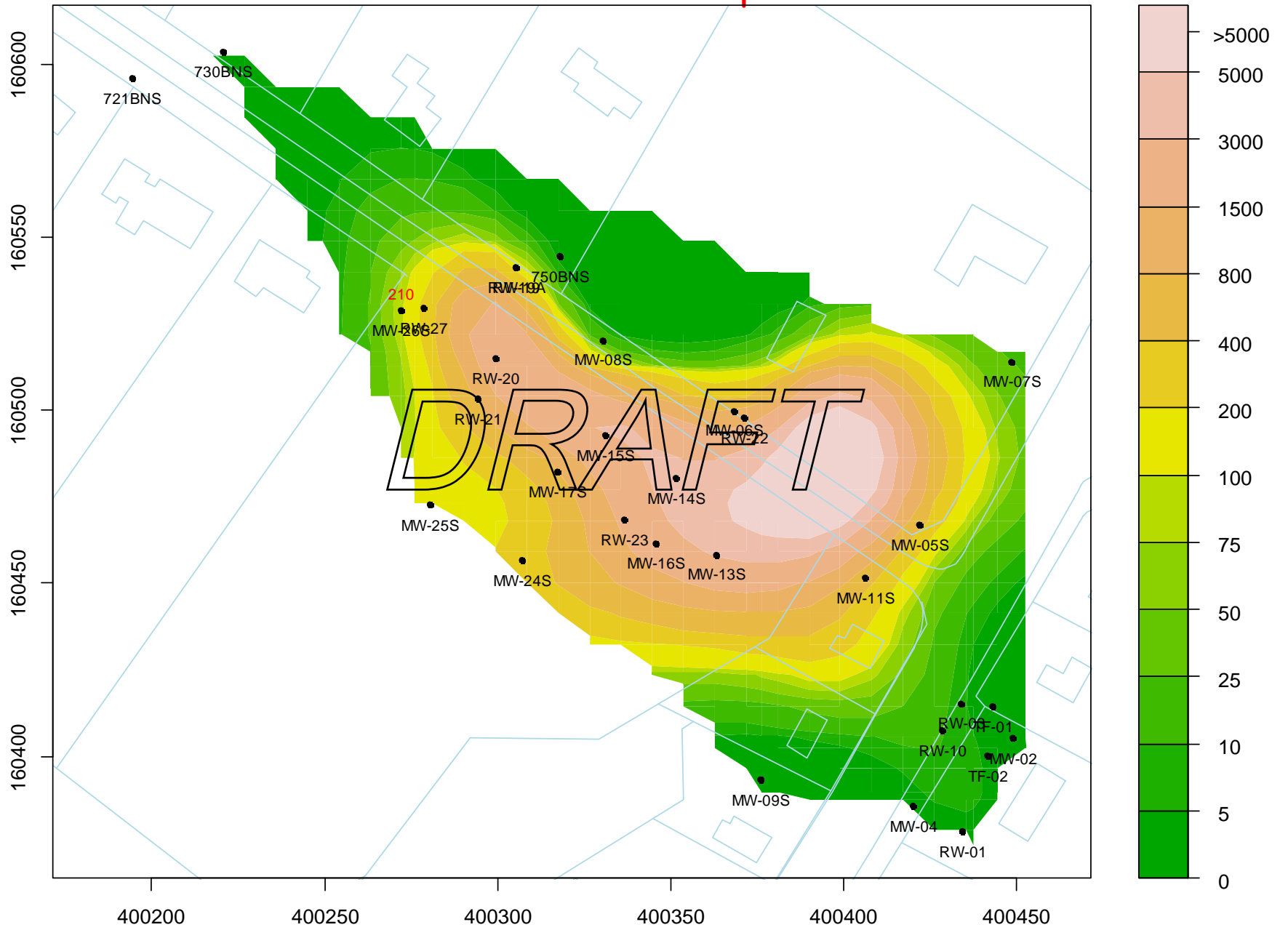
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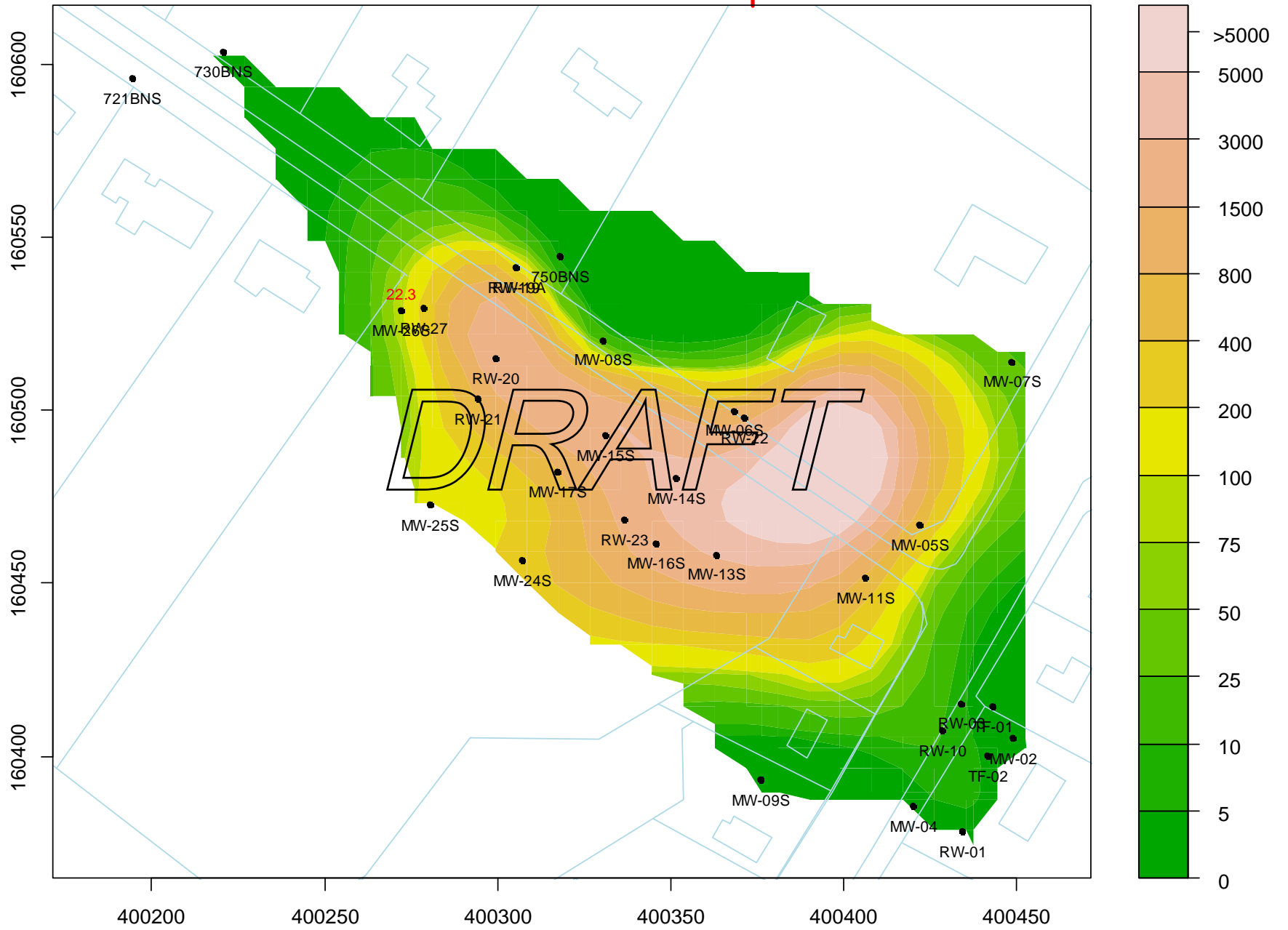
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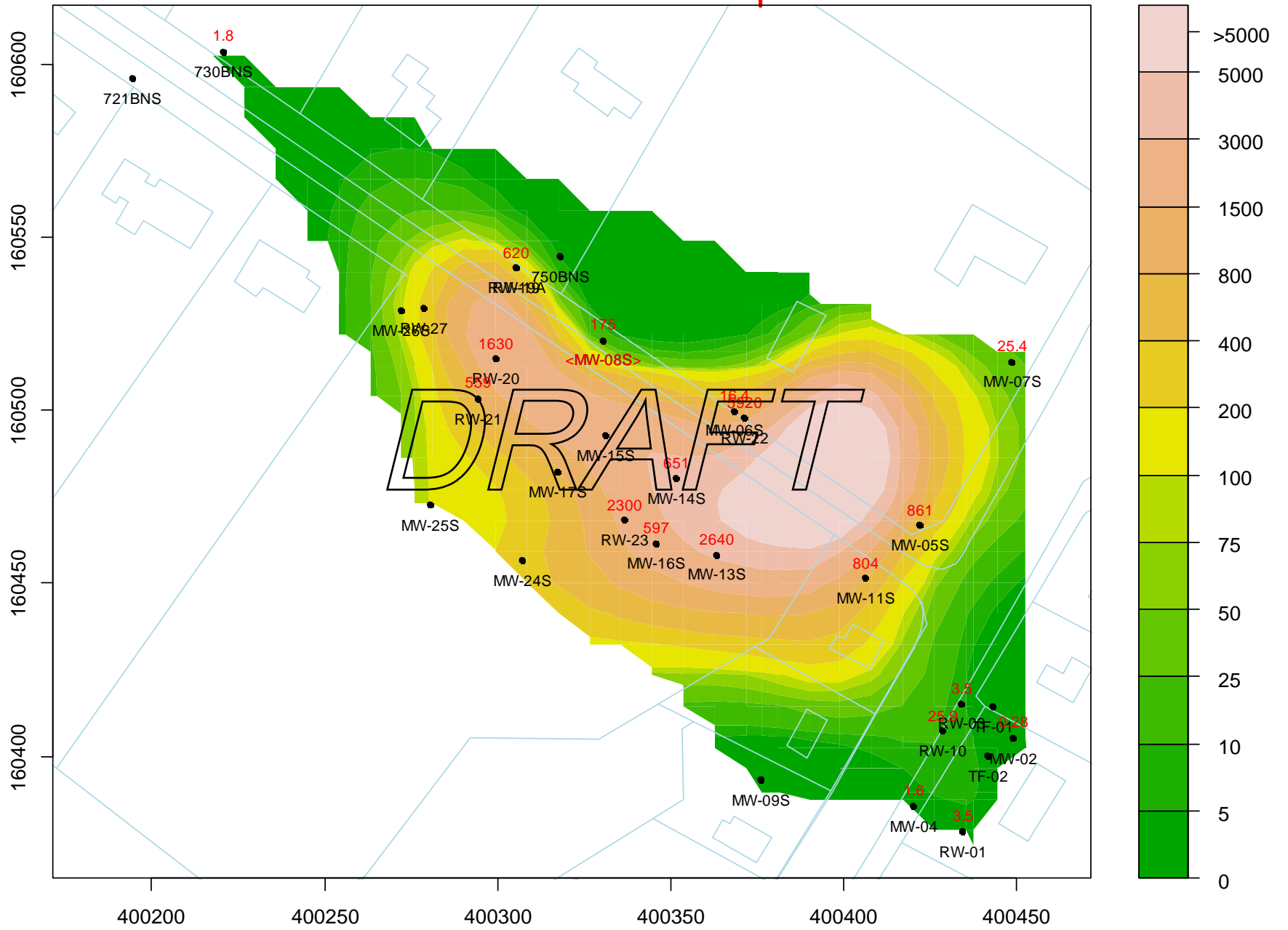
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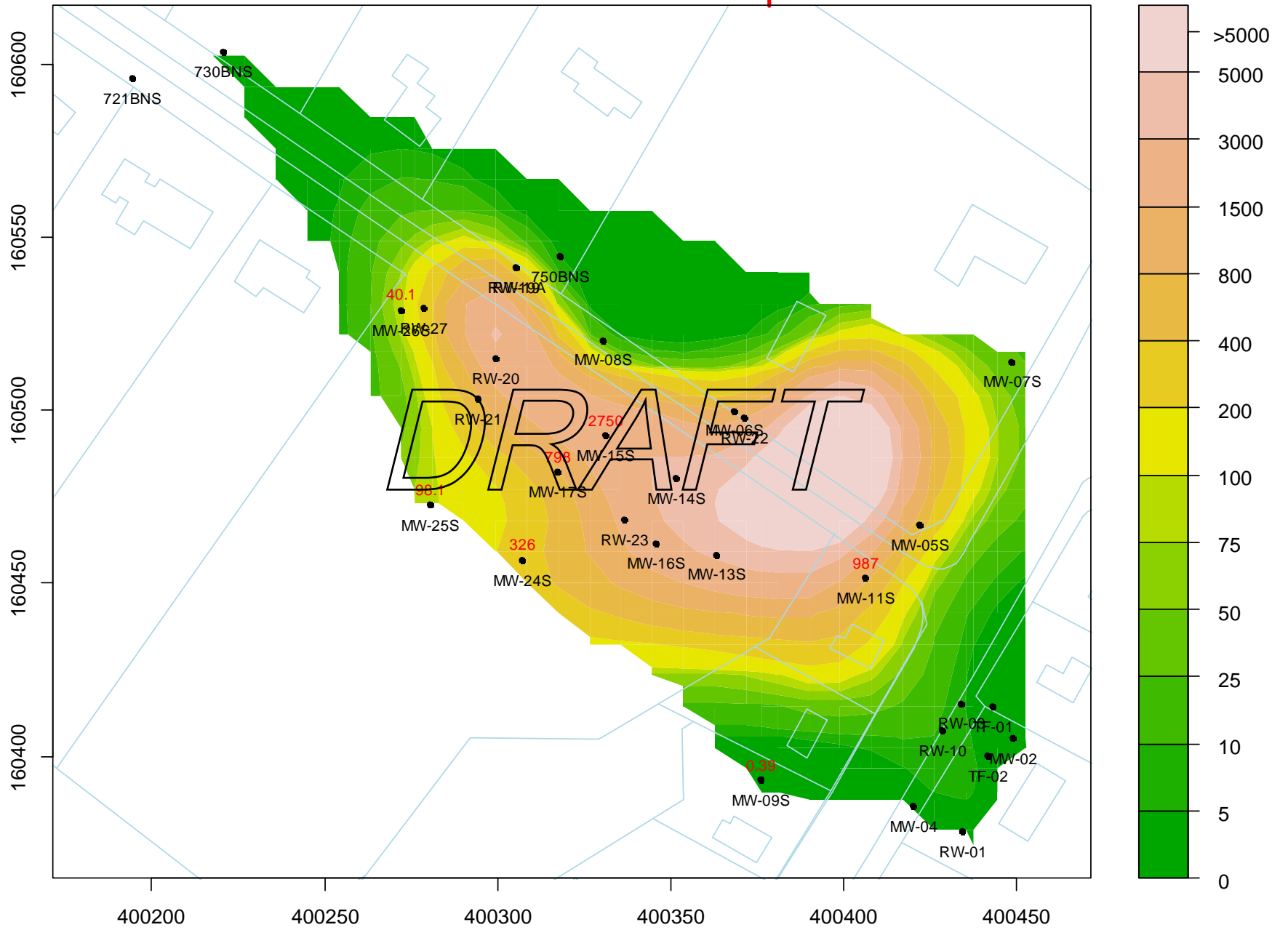
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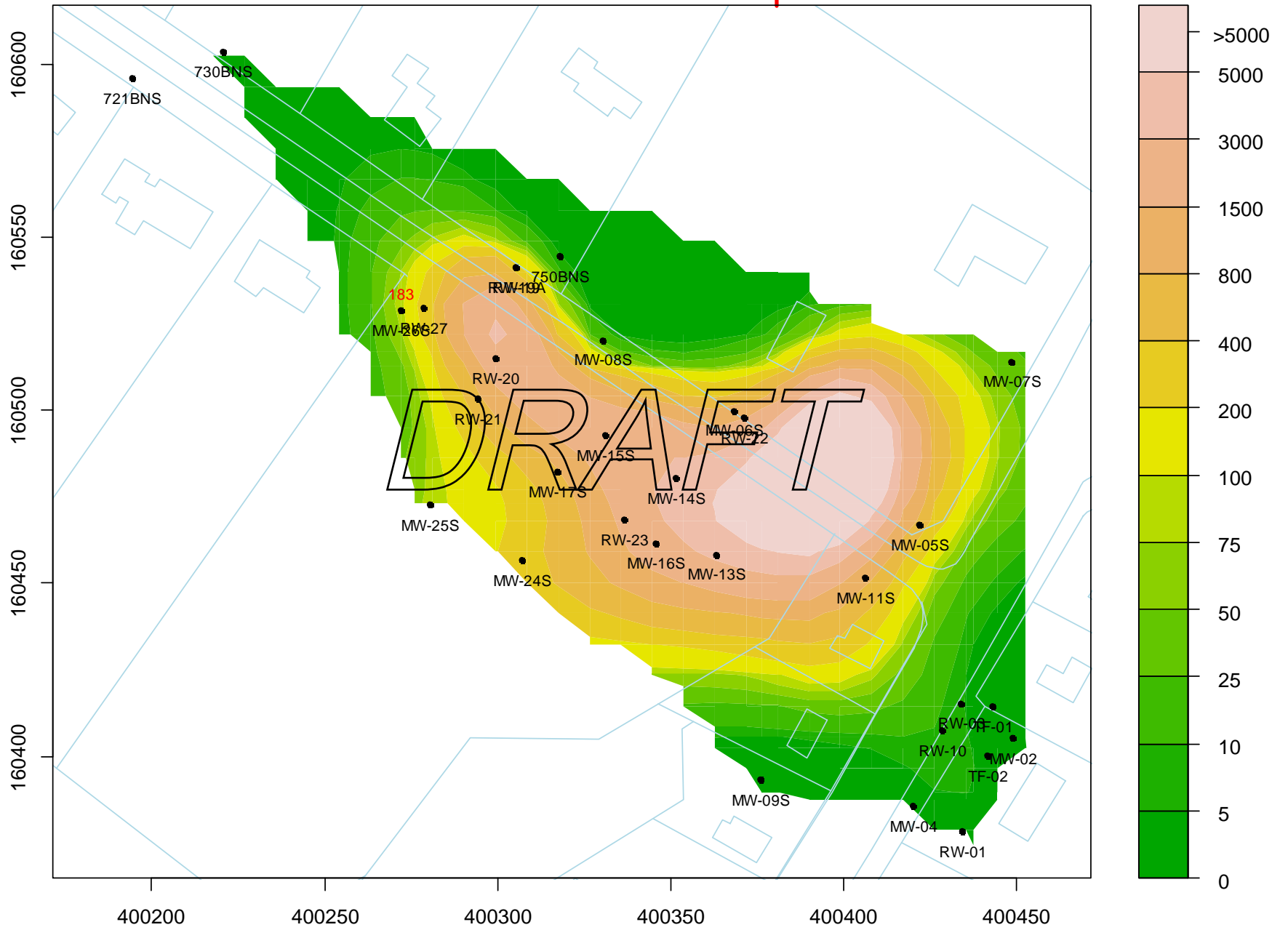
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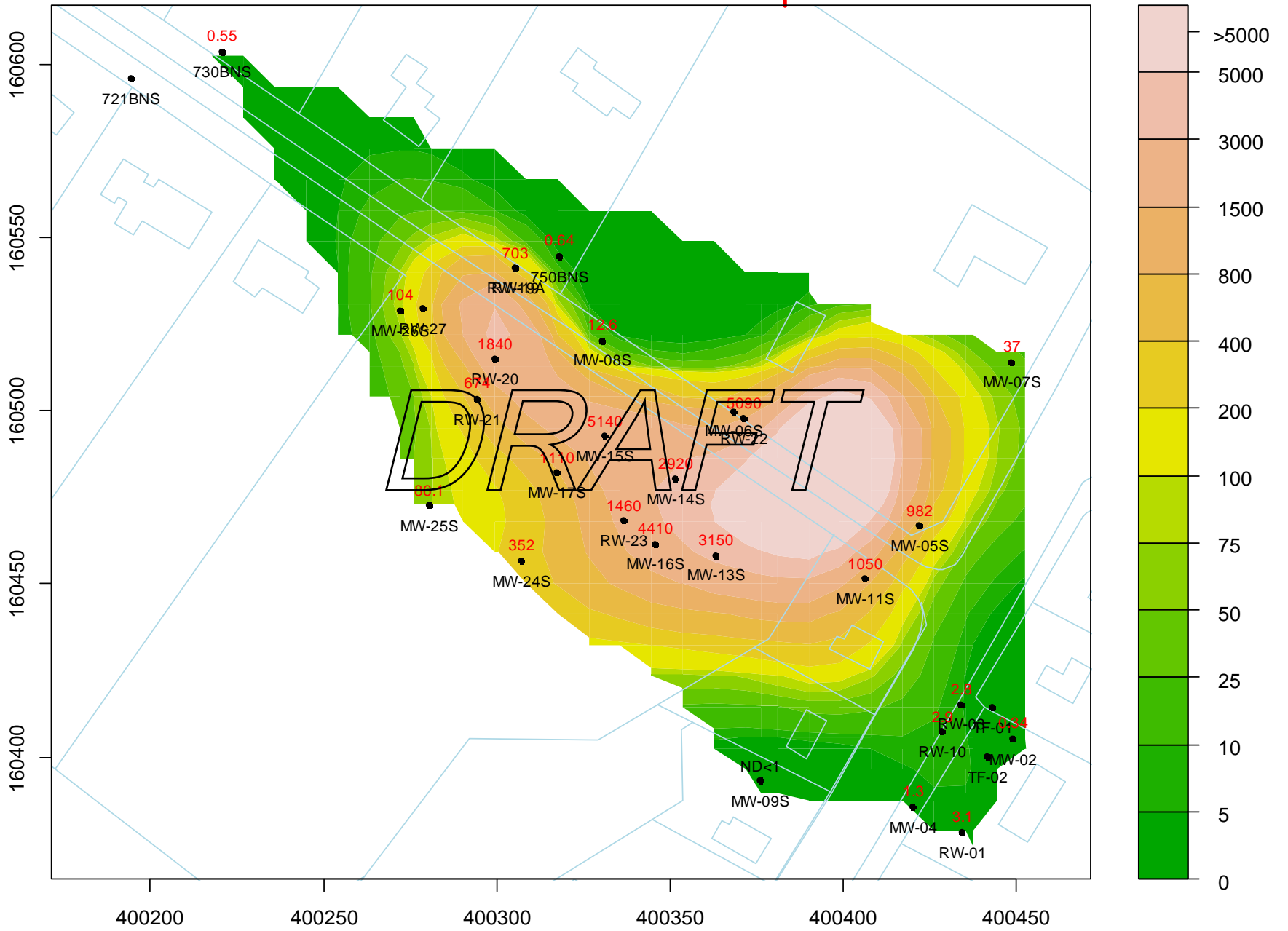
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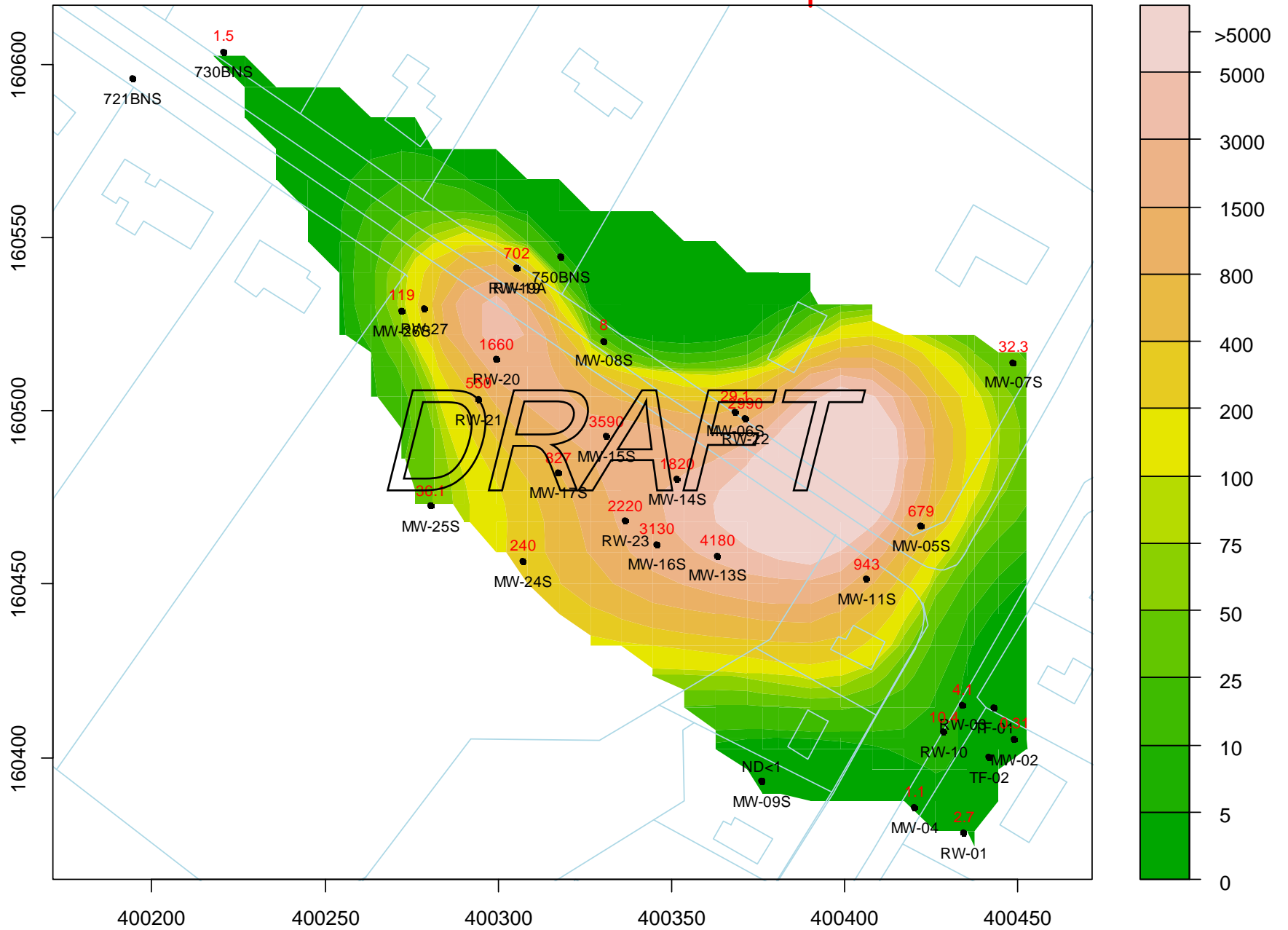
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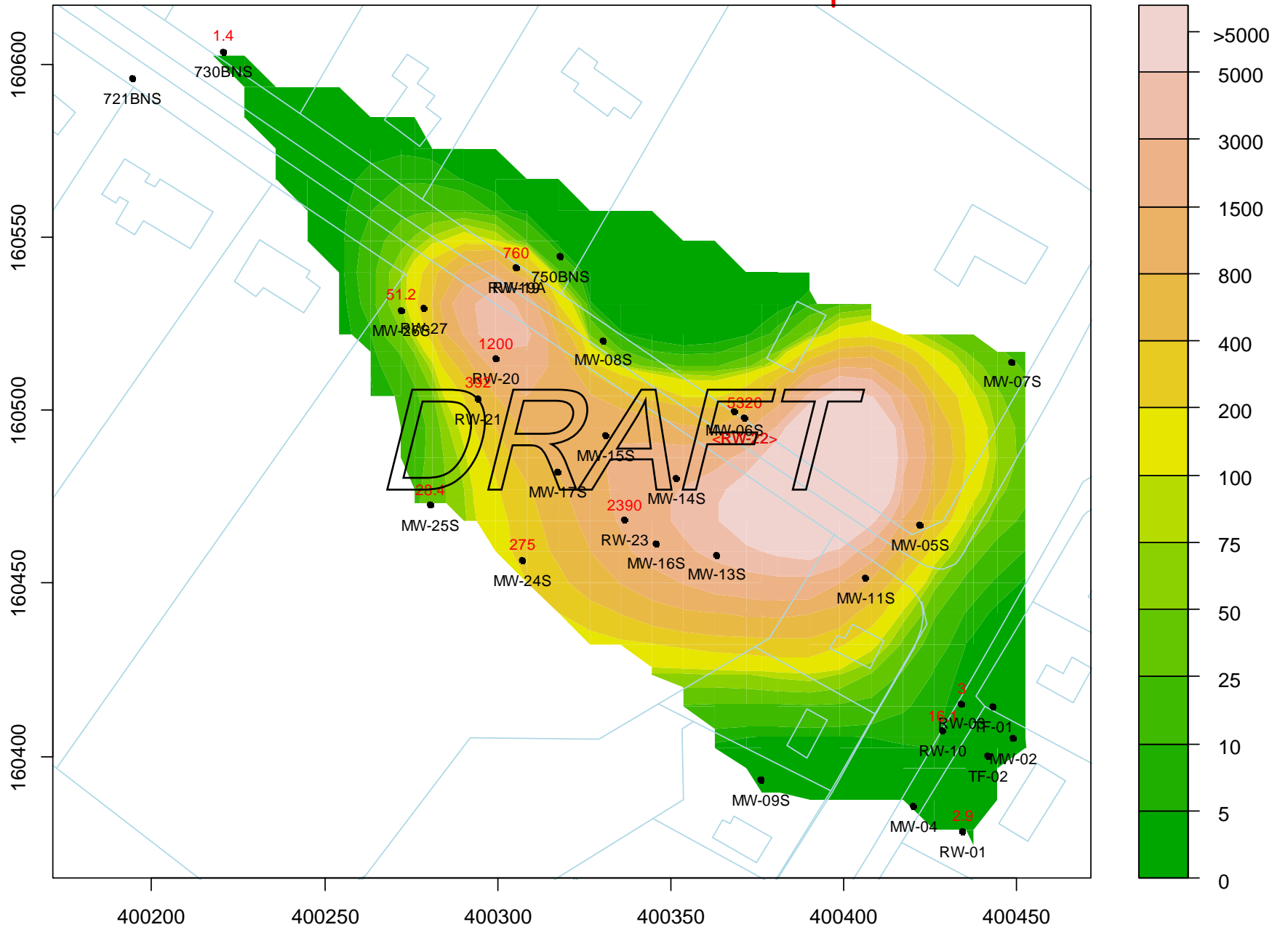
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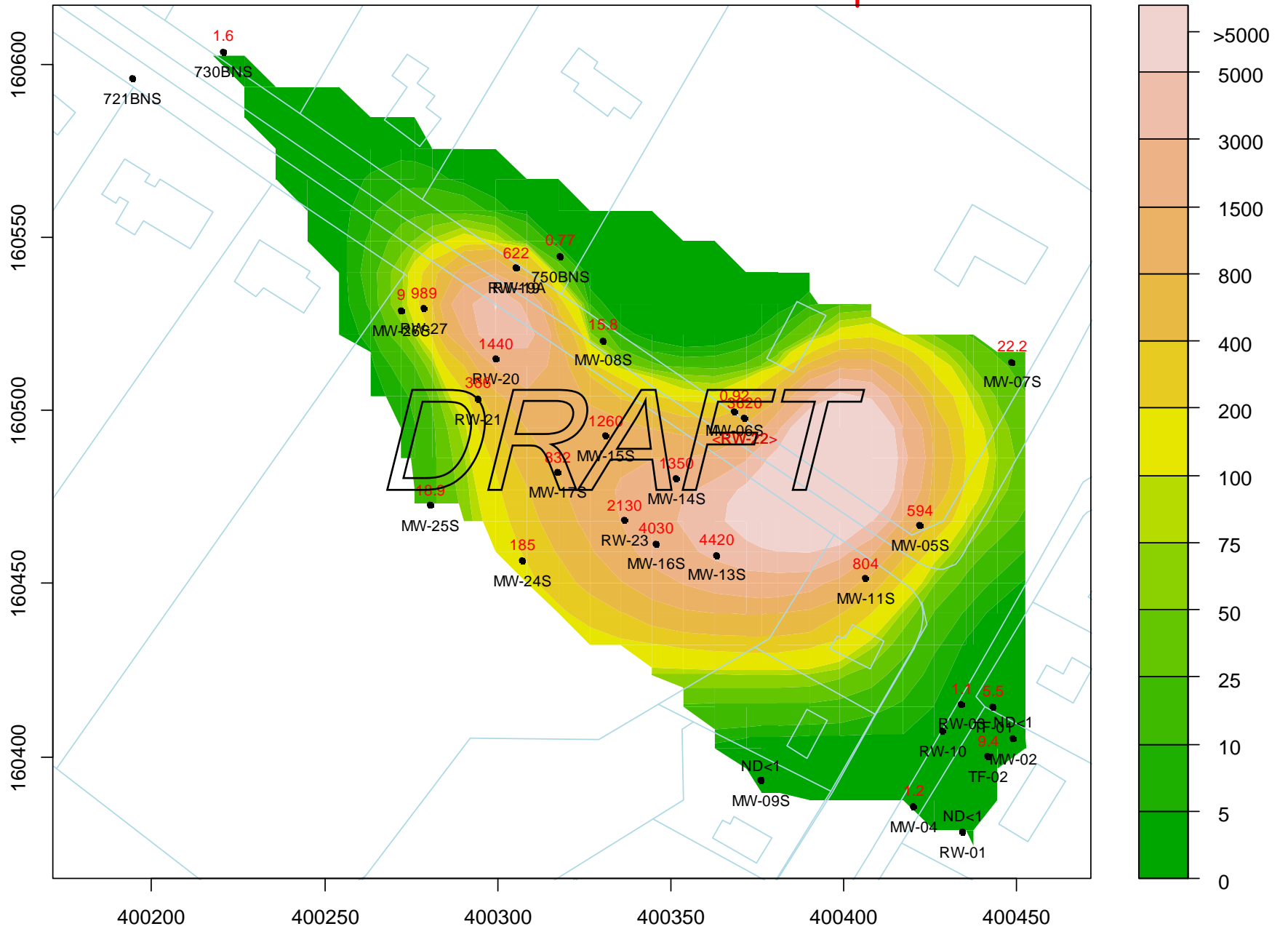
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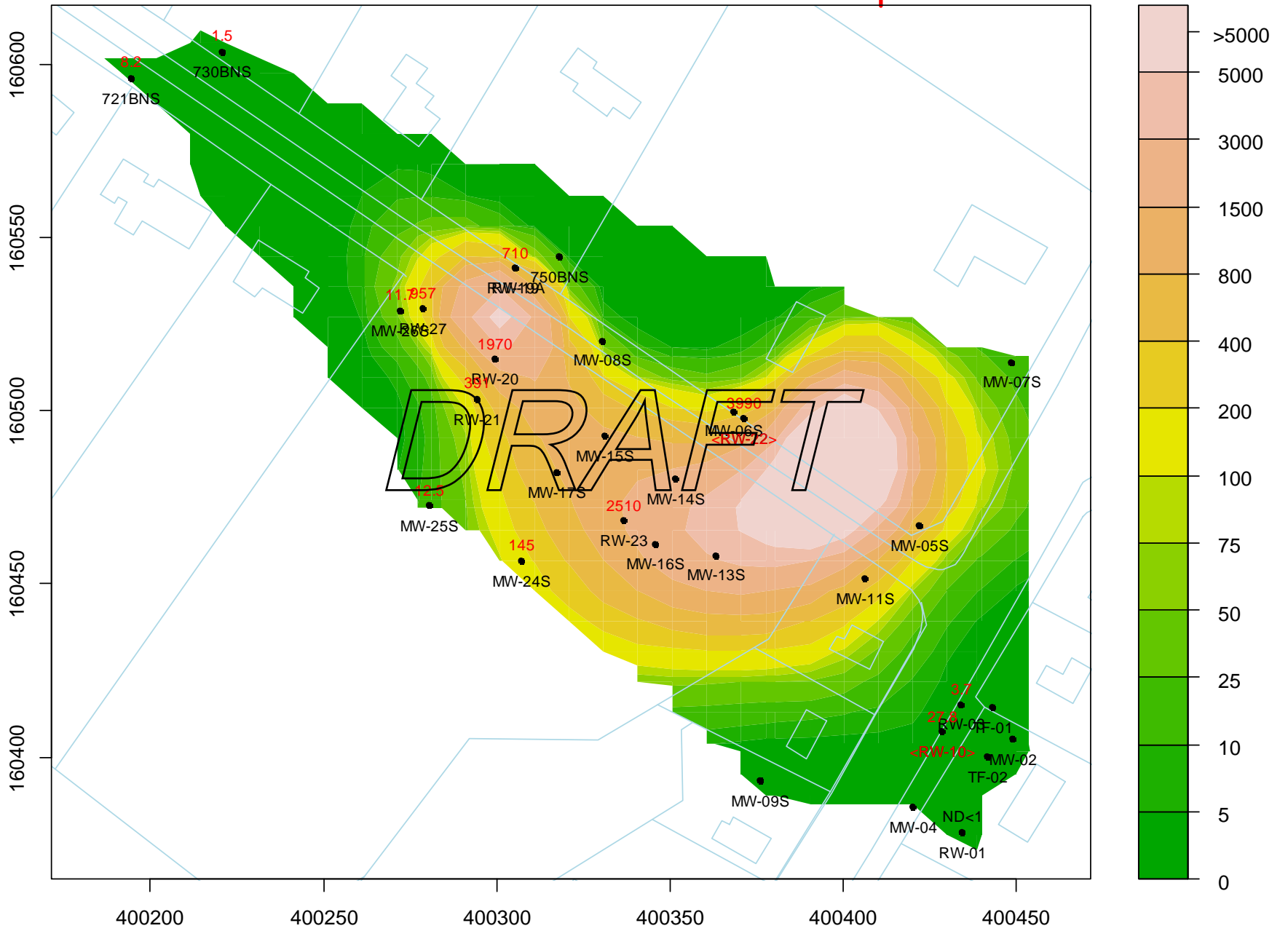
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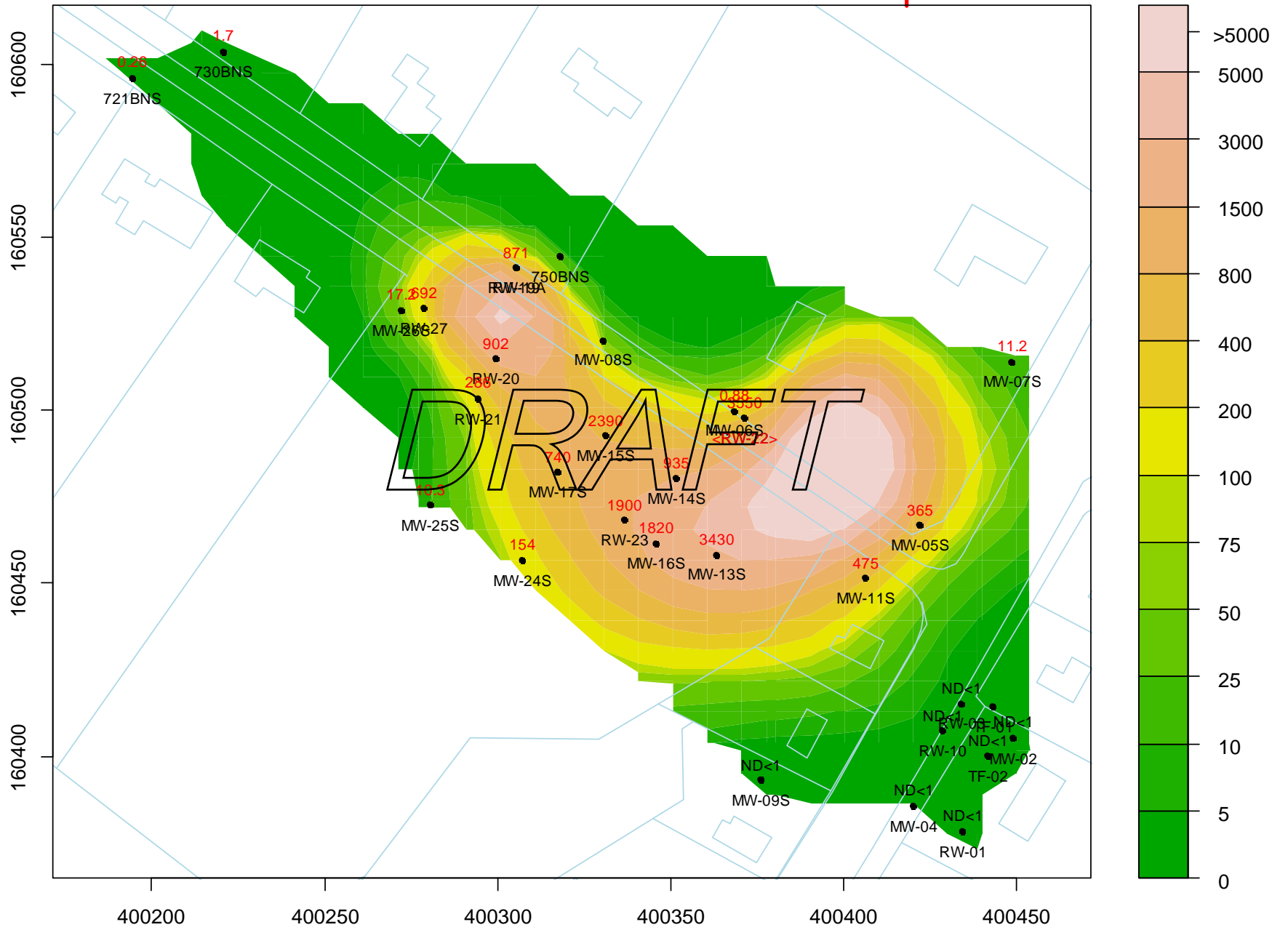
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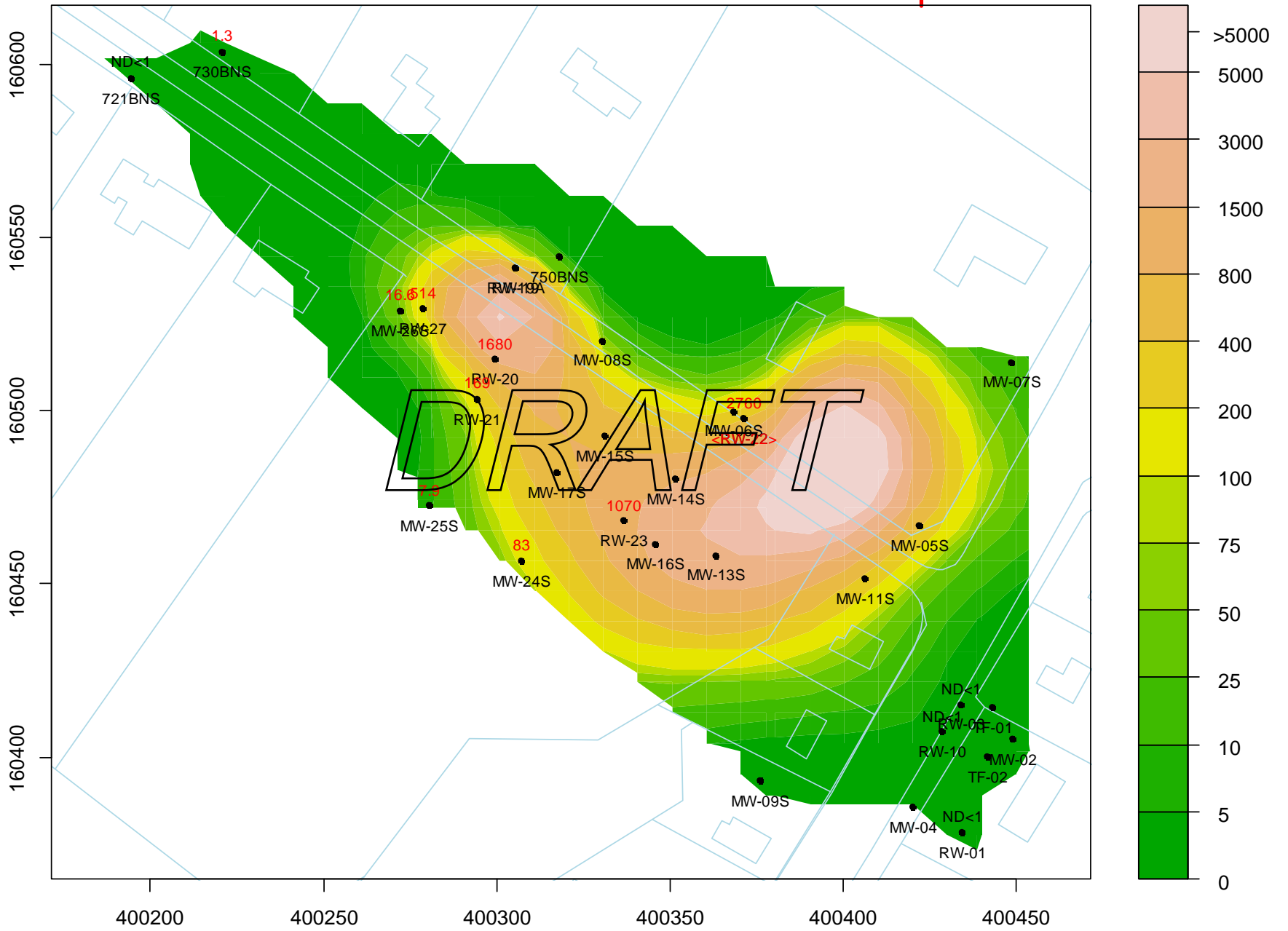
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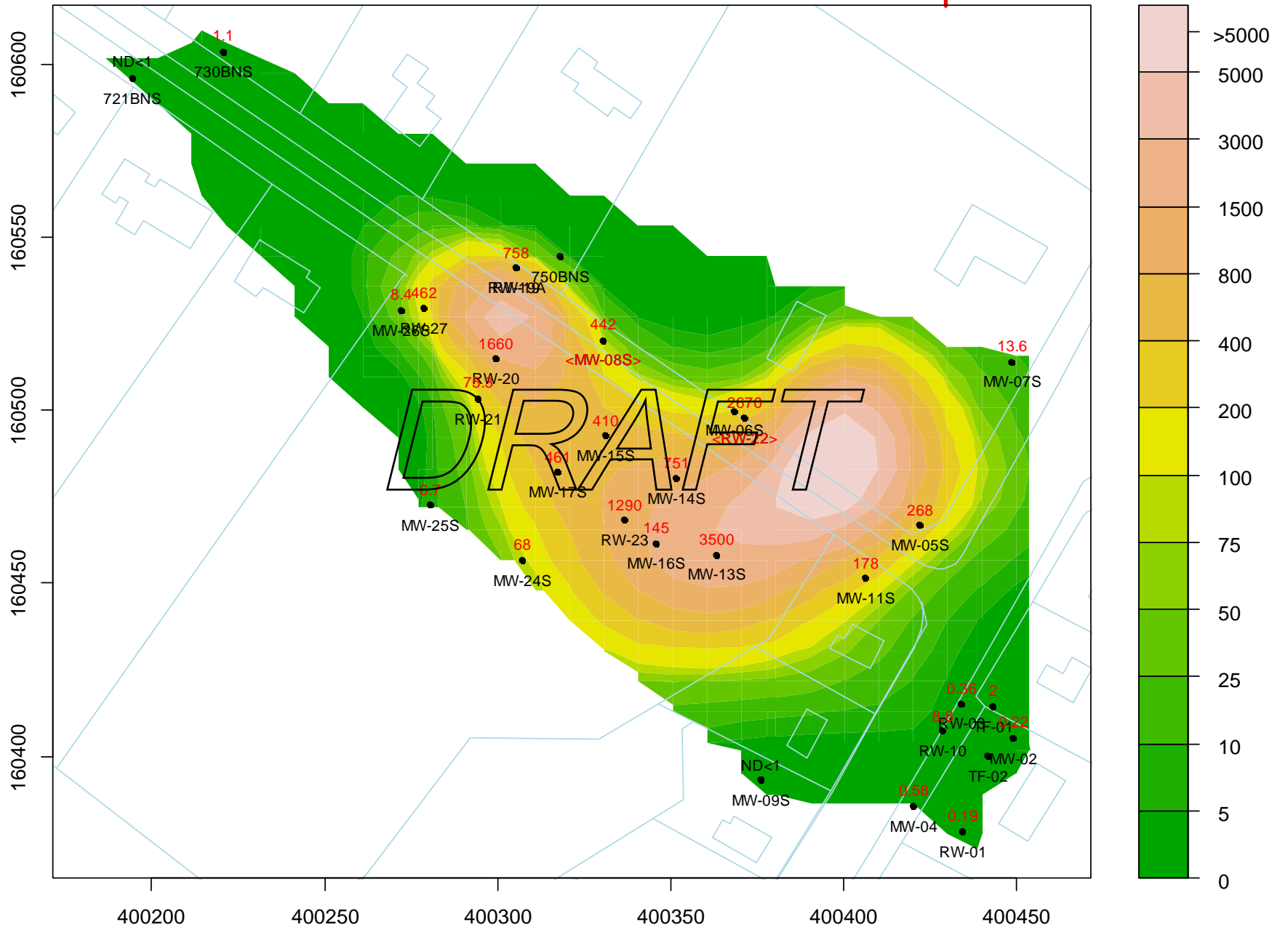
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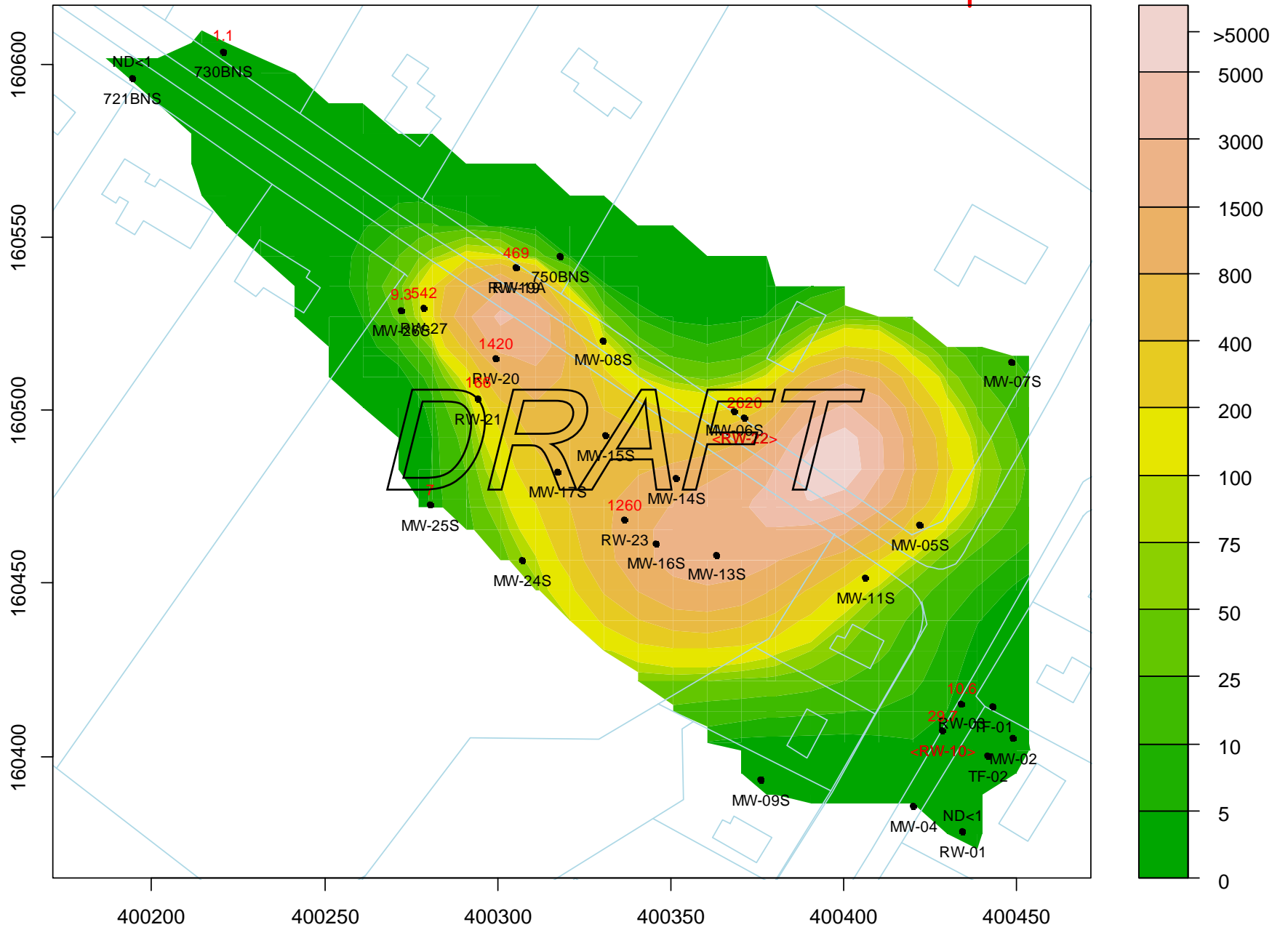
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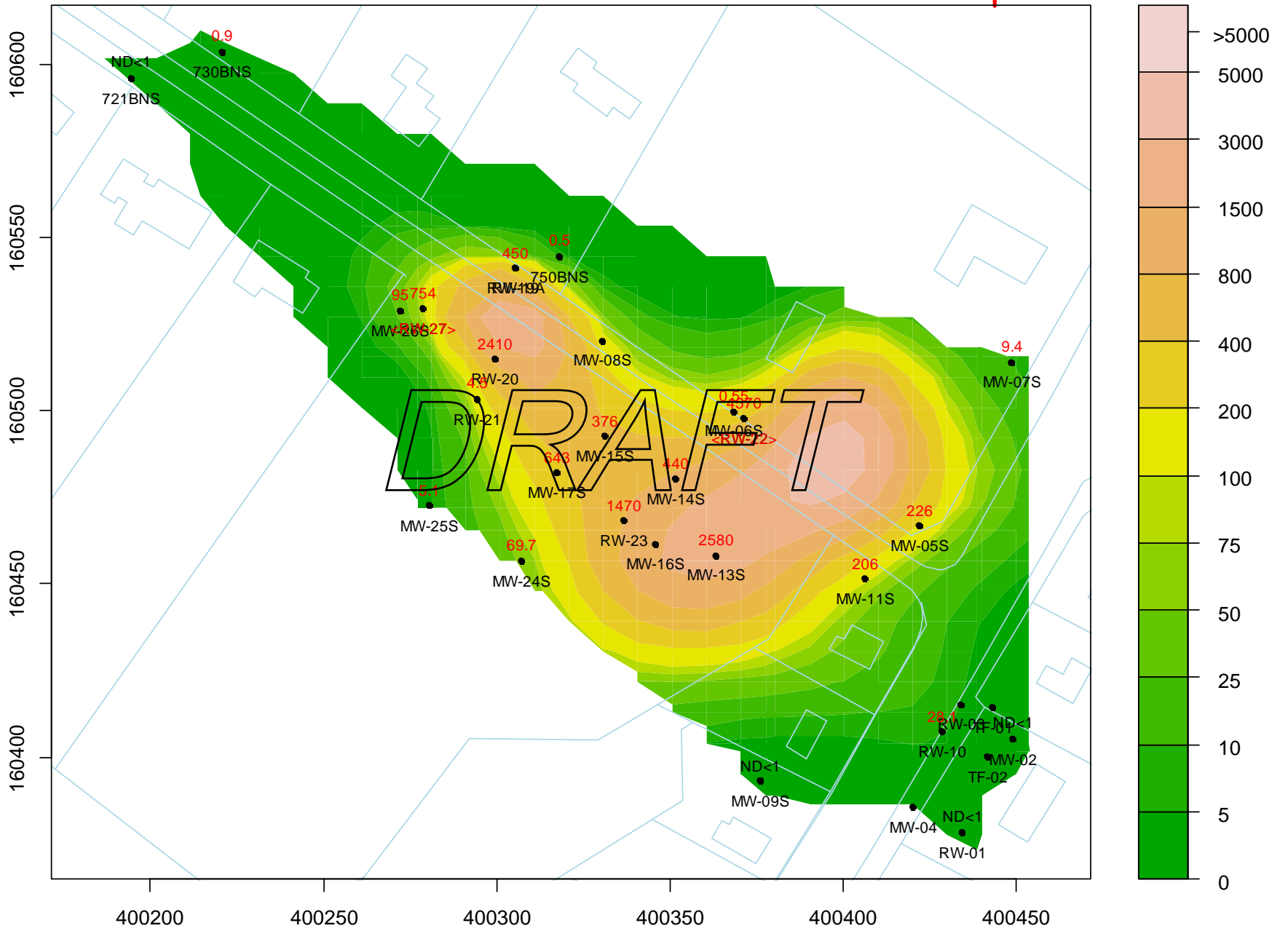
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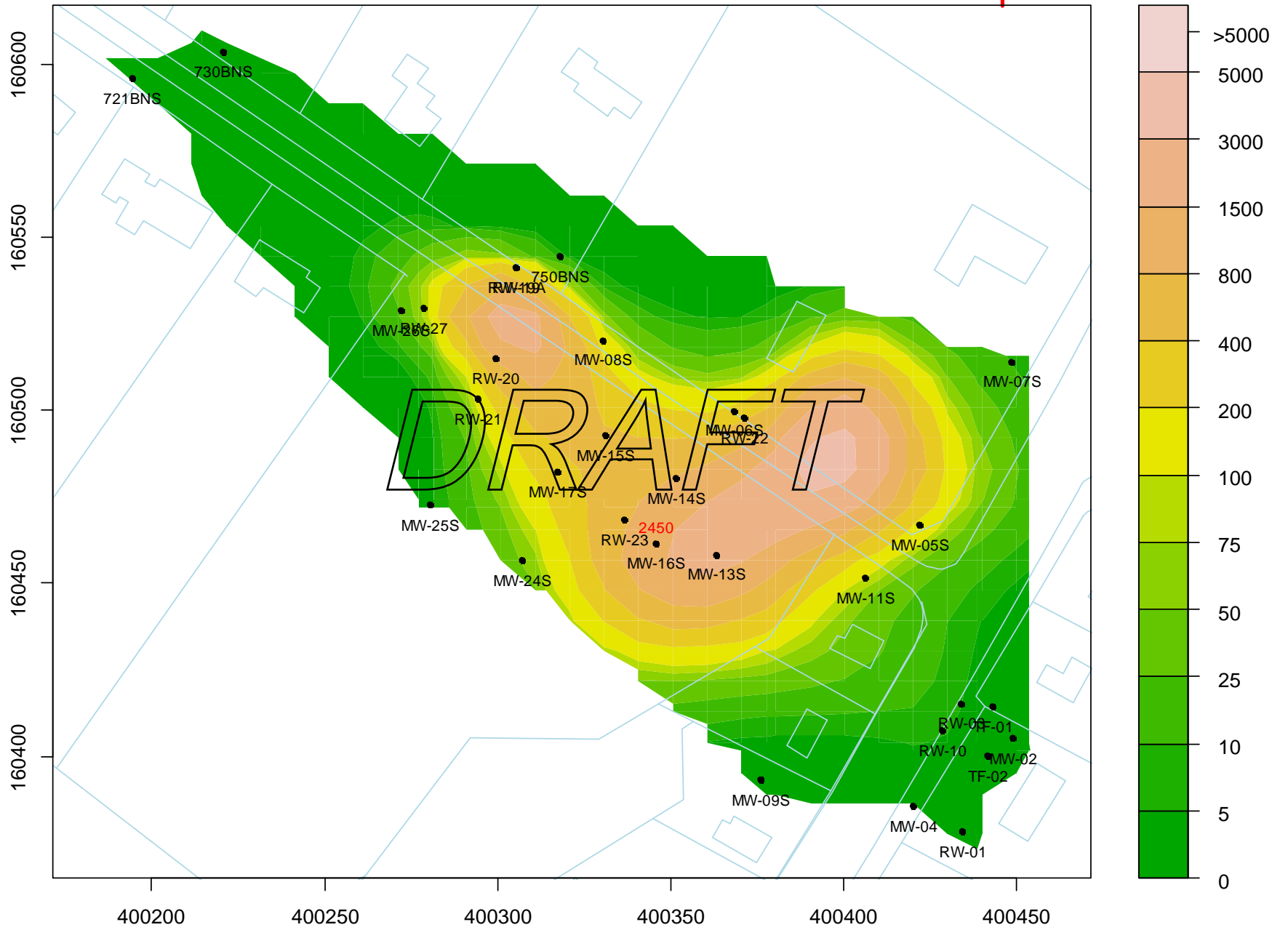
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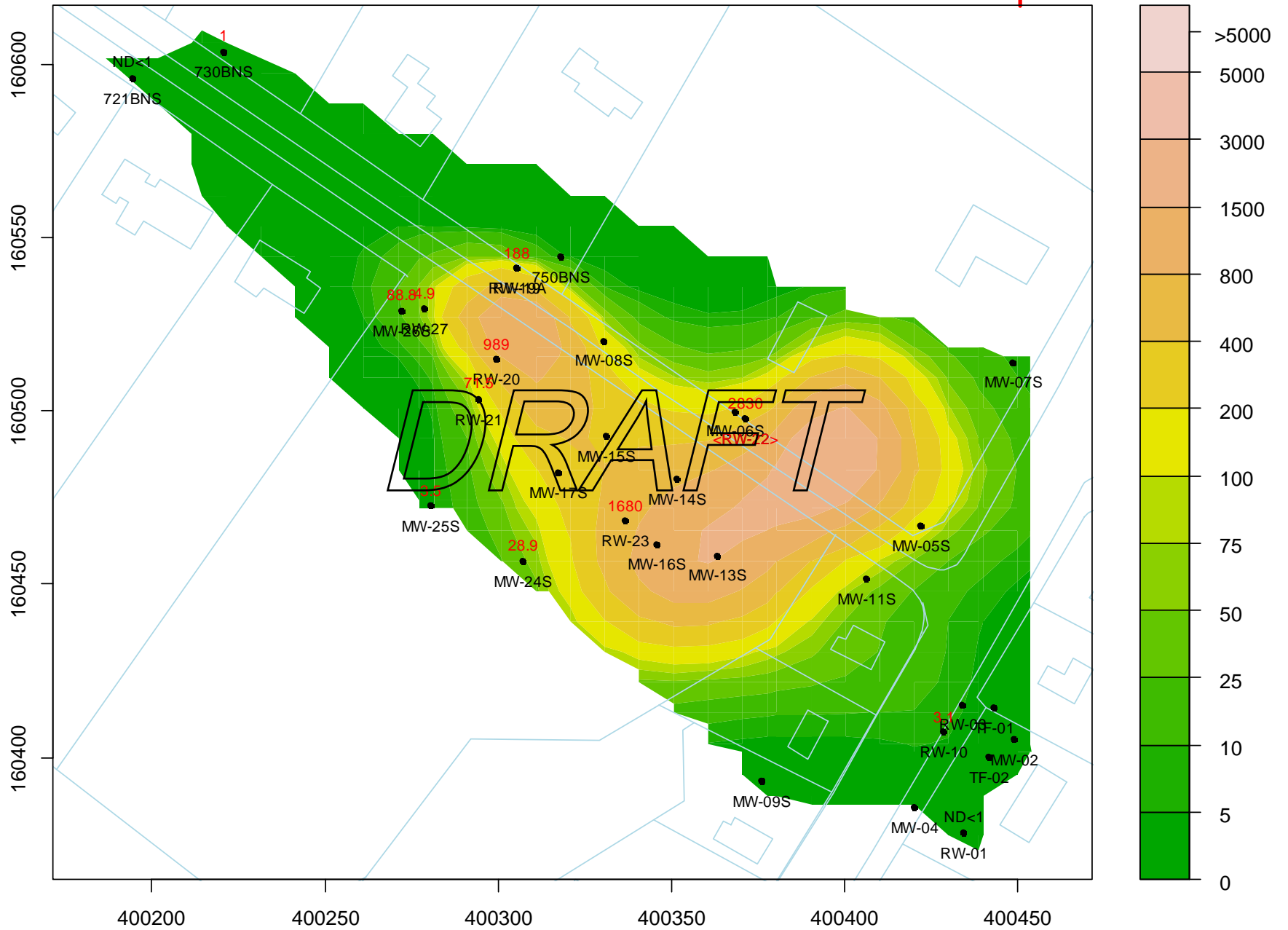
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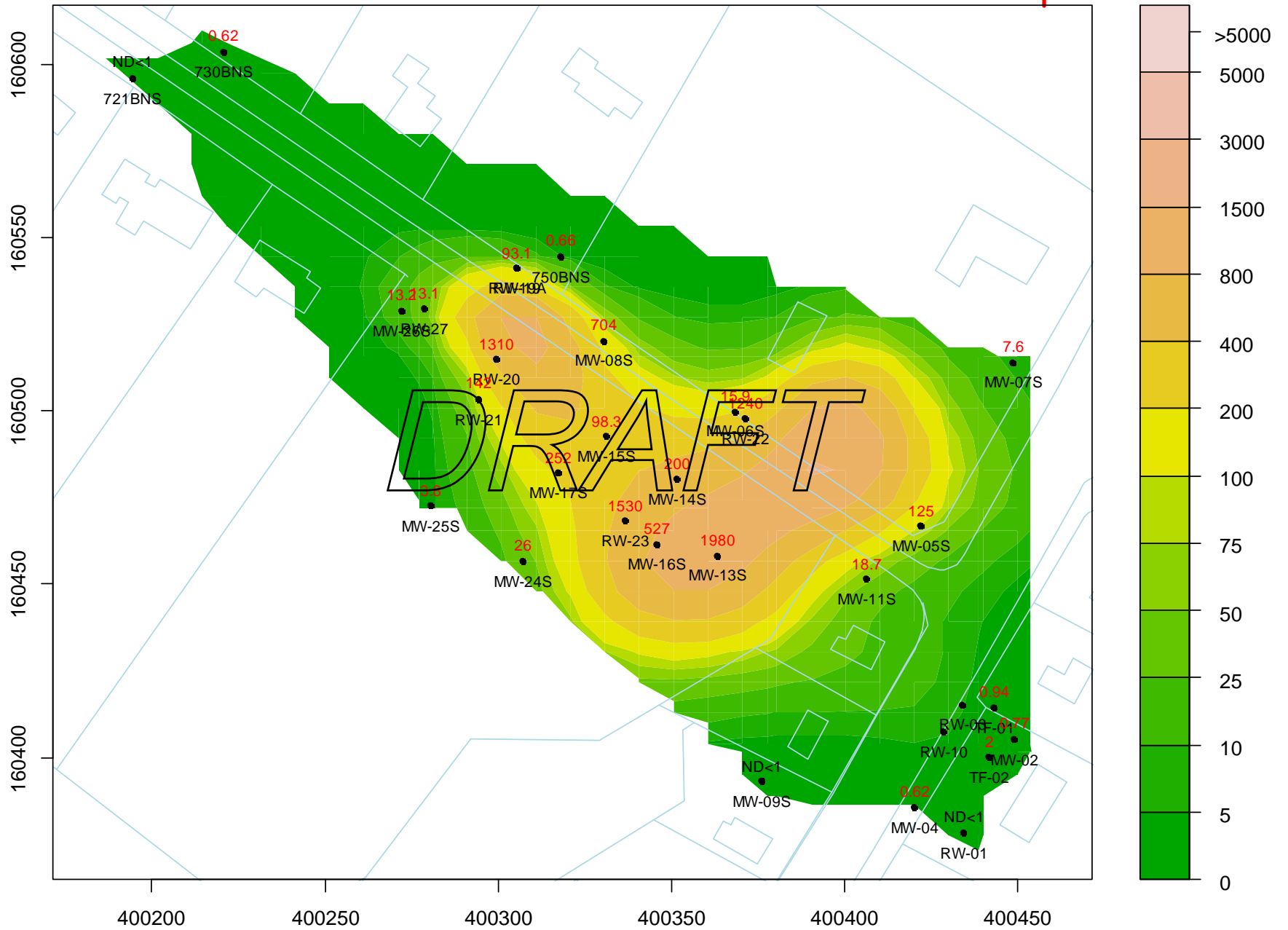
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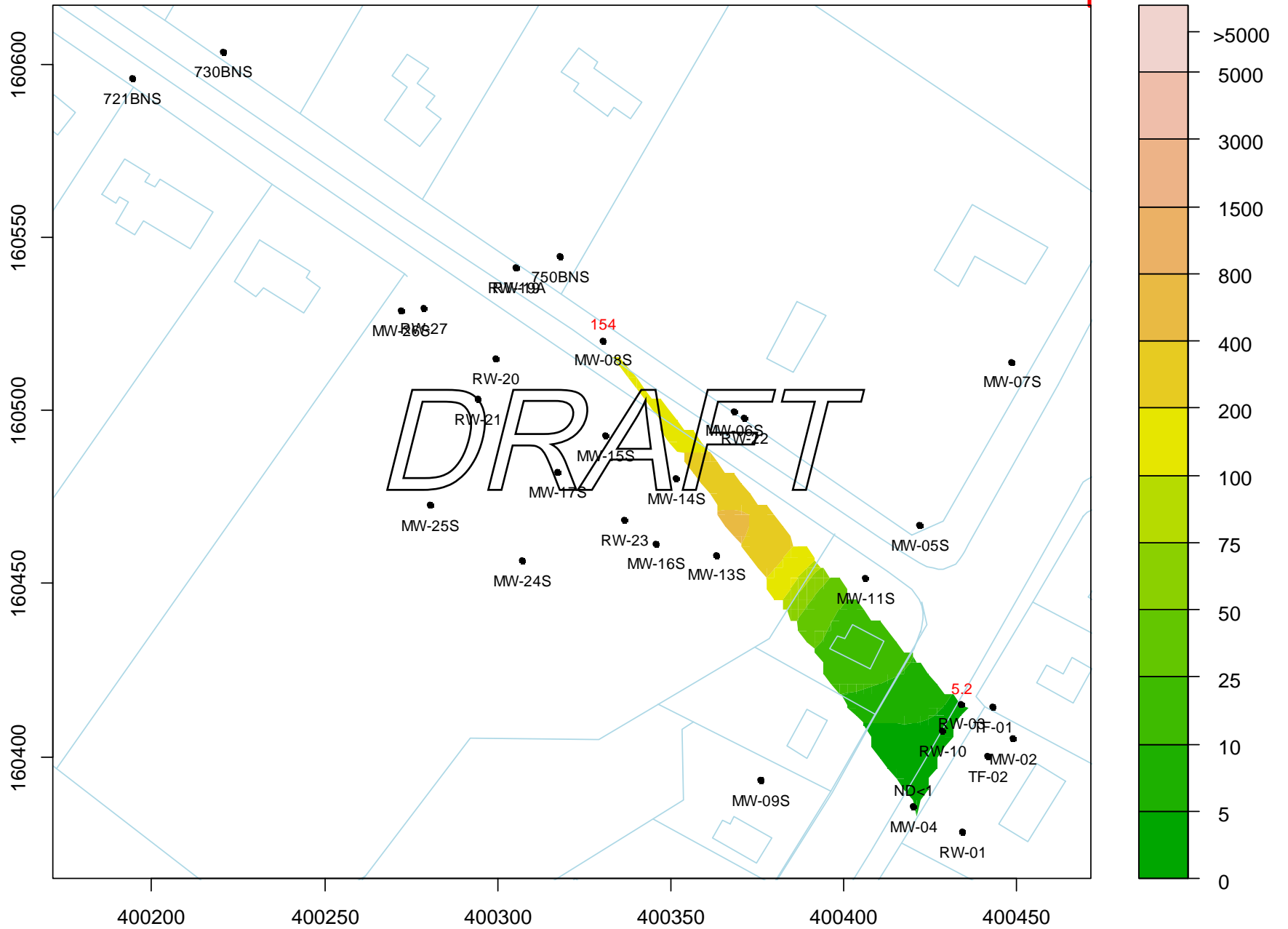
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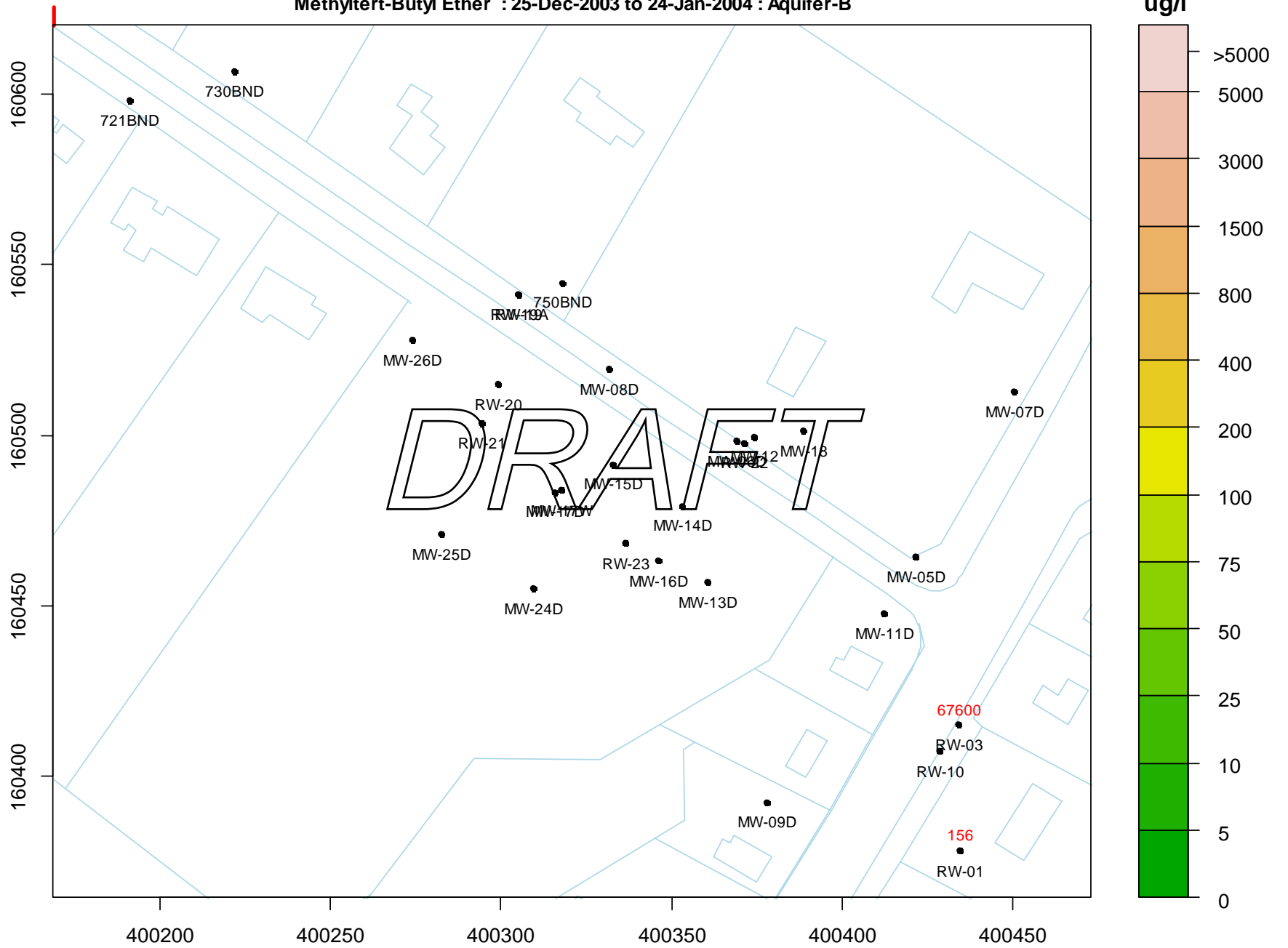
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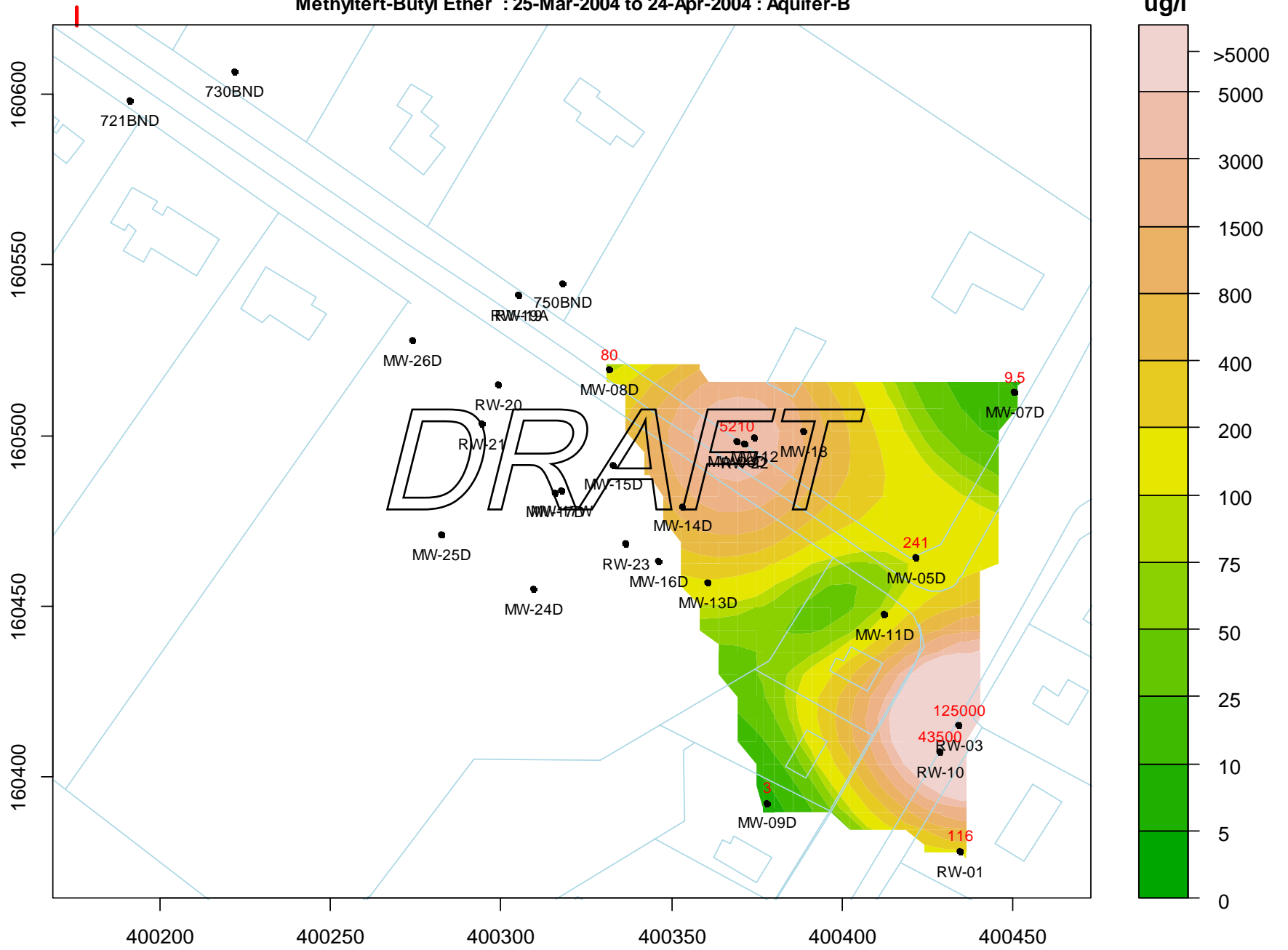
Appendix G
MTBE Groundwater Spatiotemporal Data Analysis Tool – Deep Aquifer

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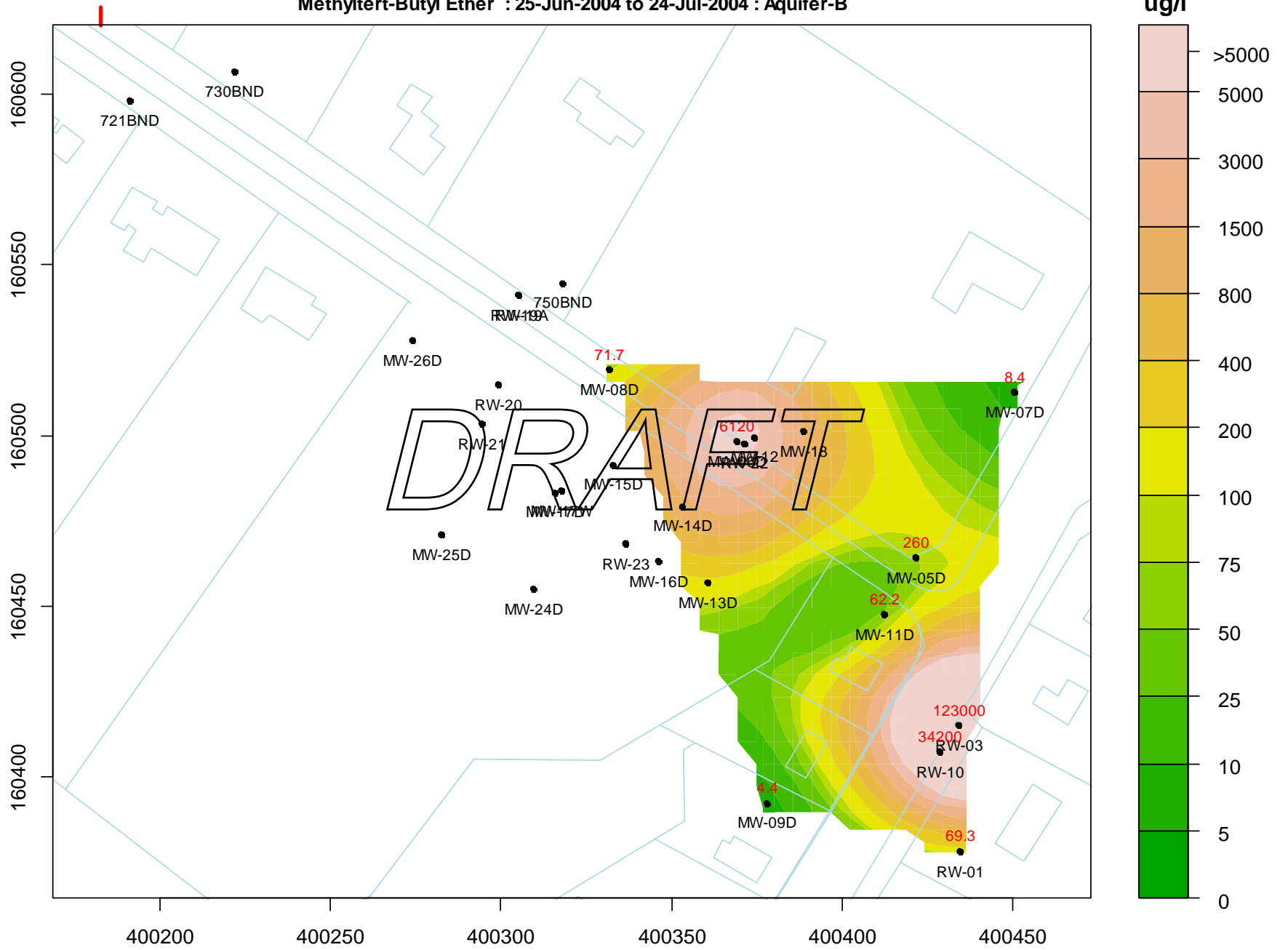
Methyltert-Butyl Ether : 25-Dec-2003 to 24-Jan-2004 : Aquifer-B



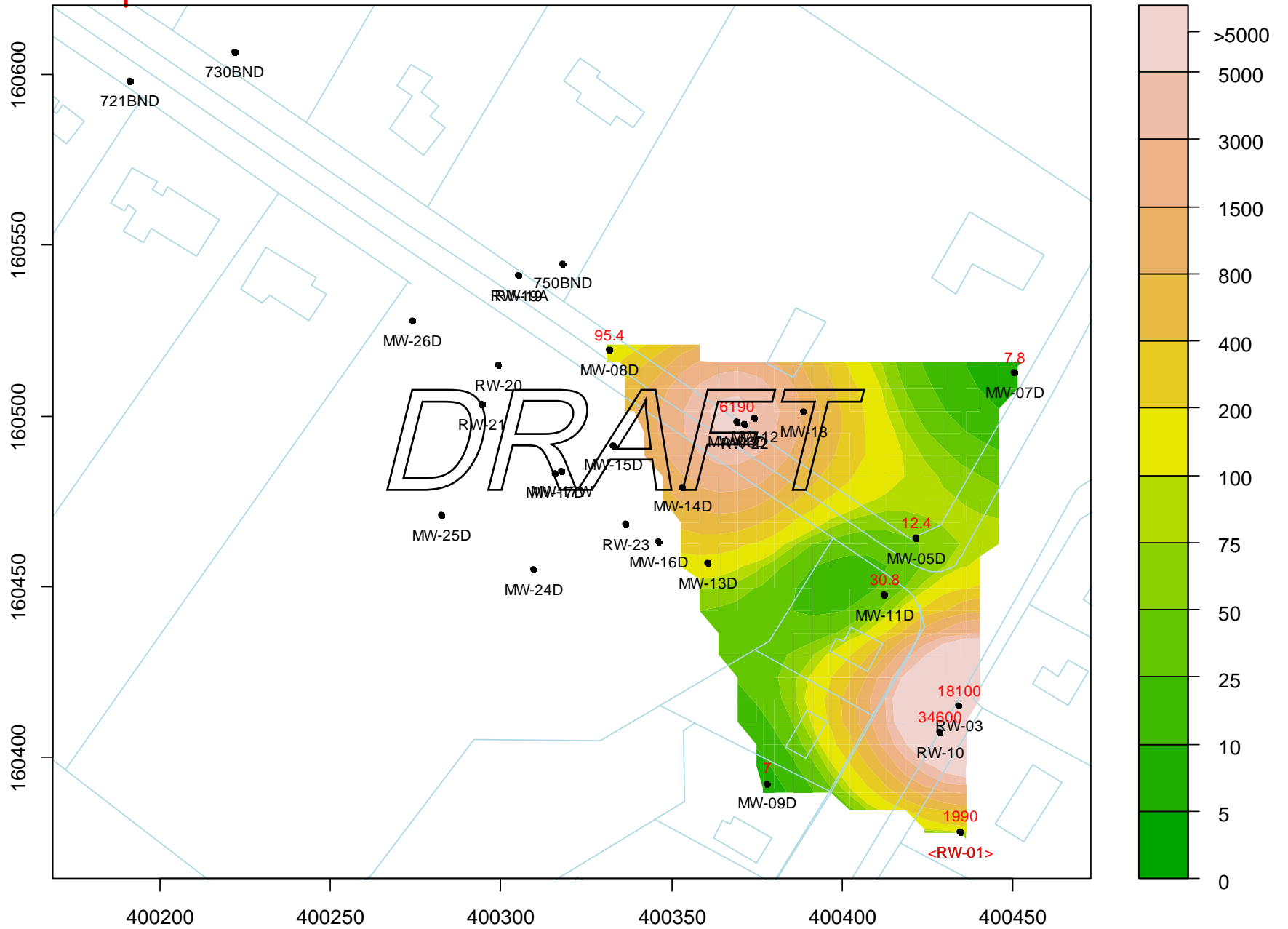
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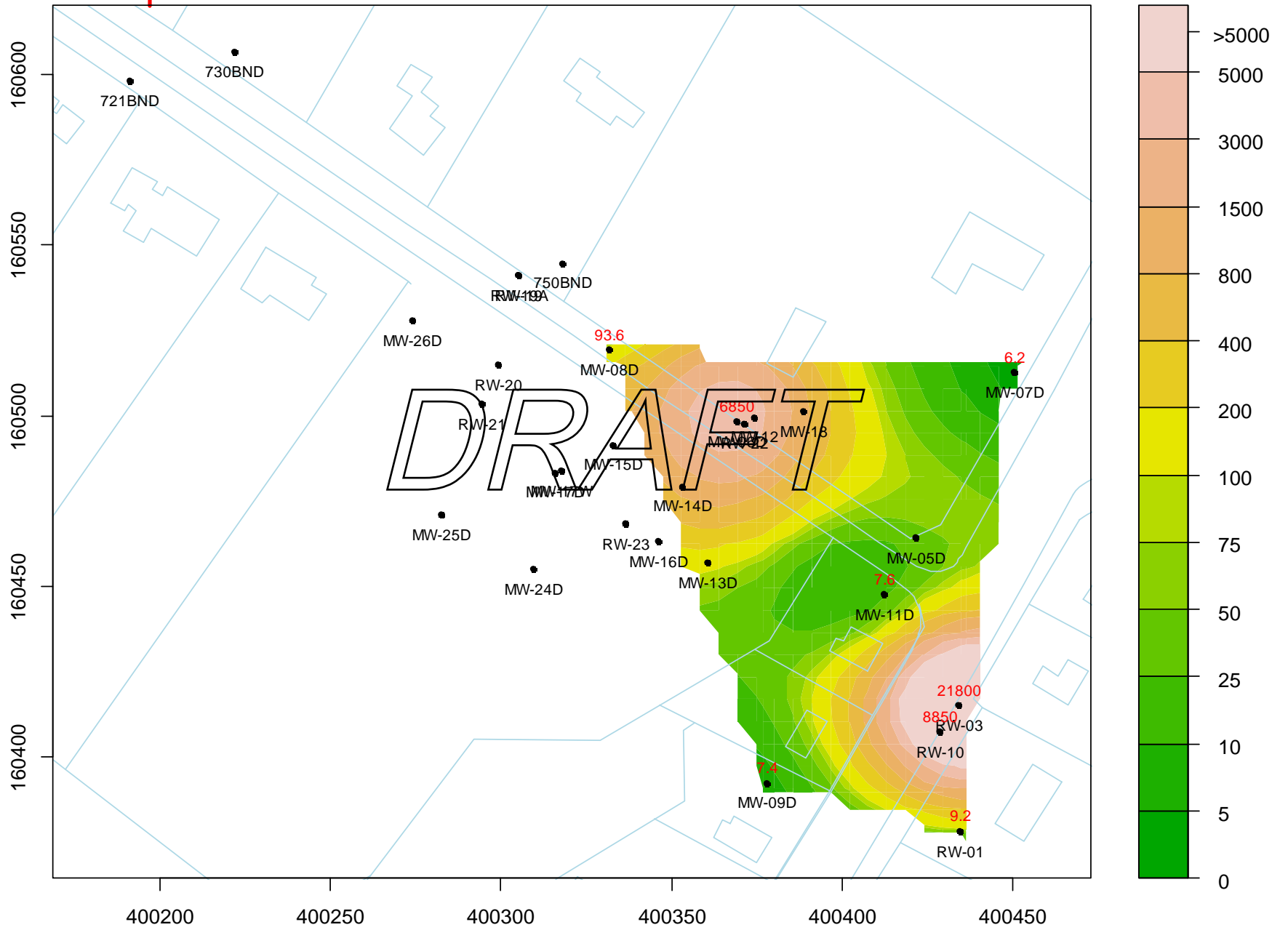
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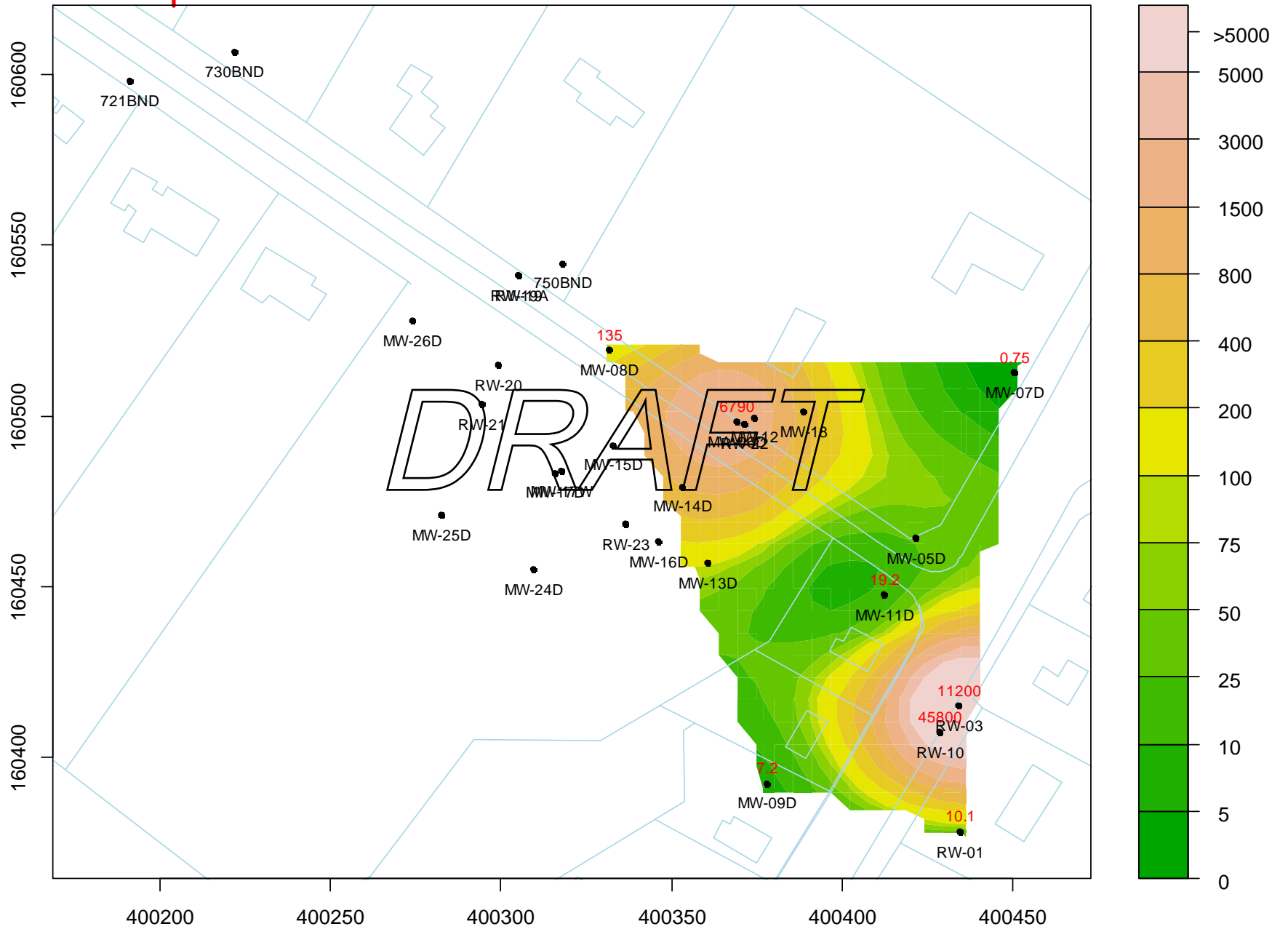
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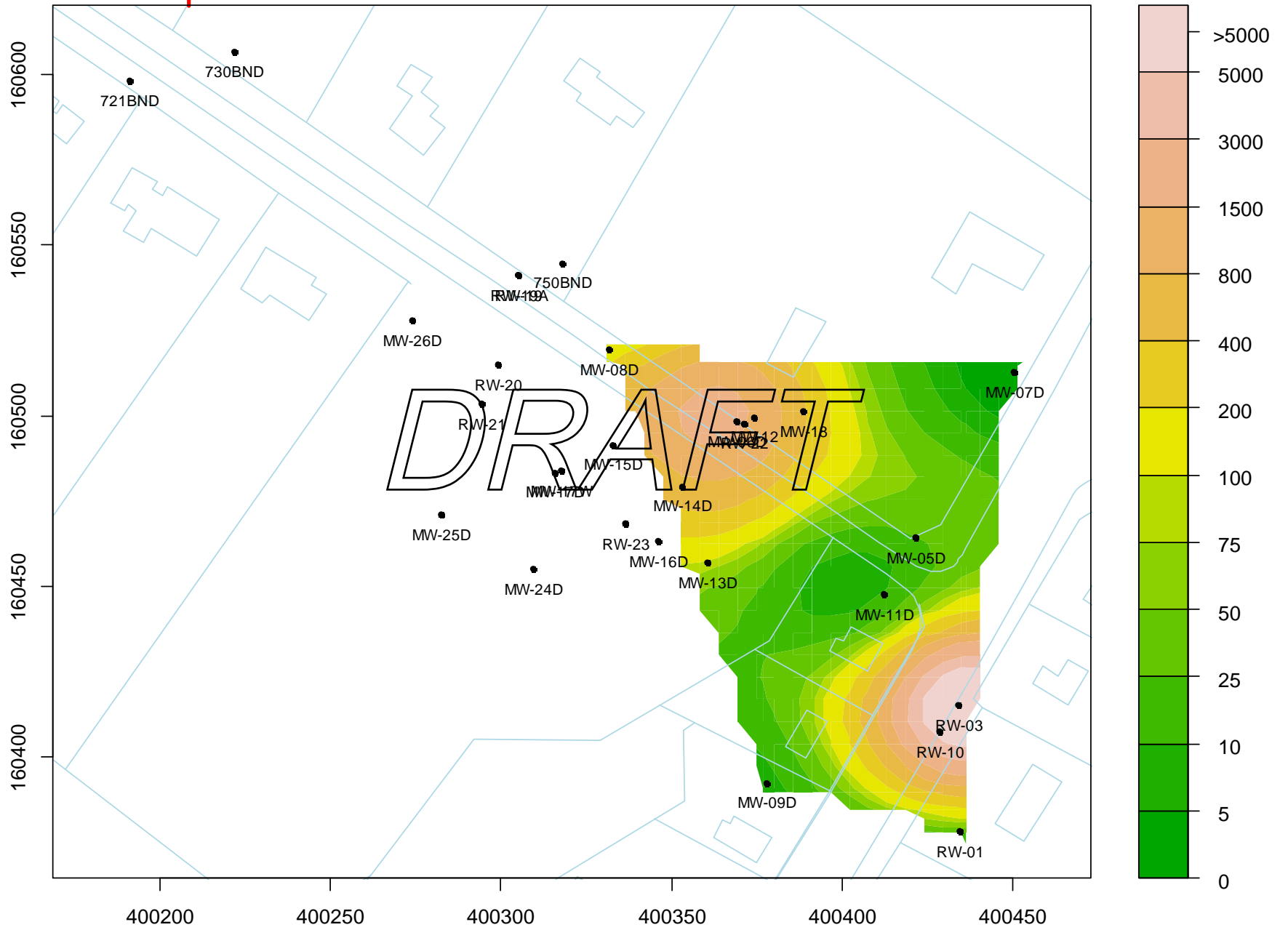
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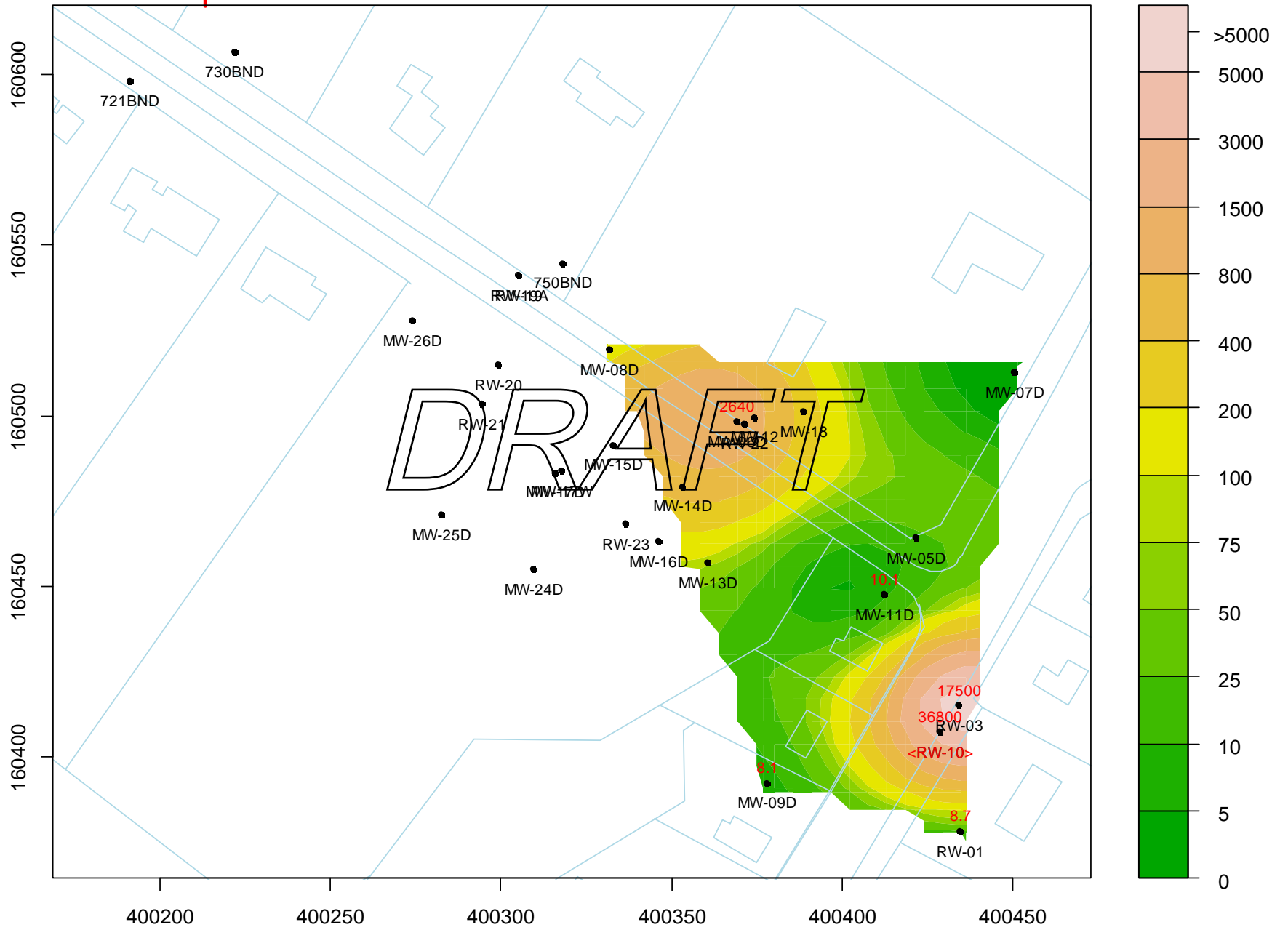
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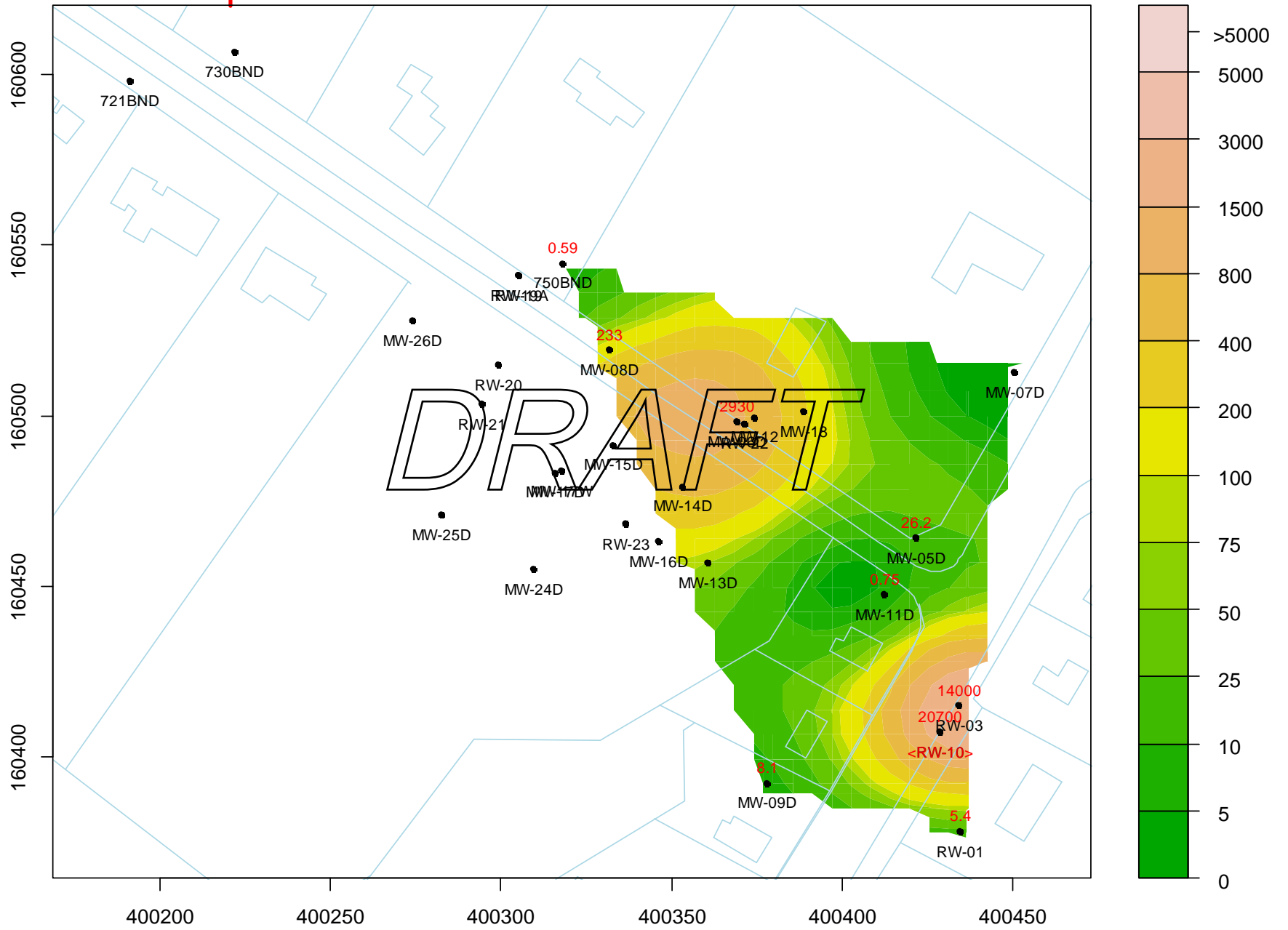
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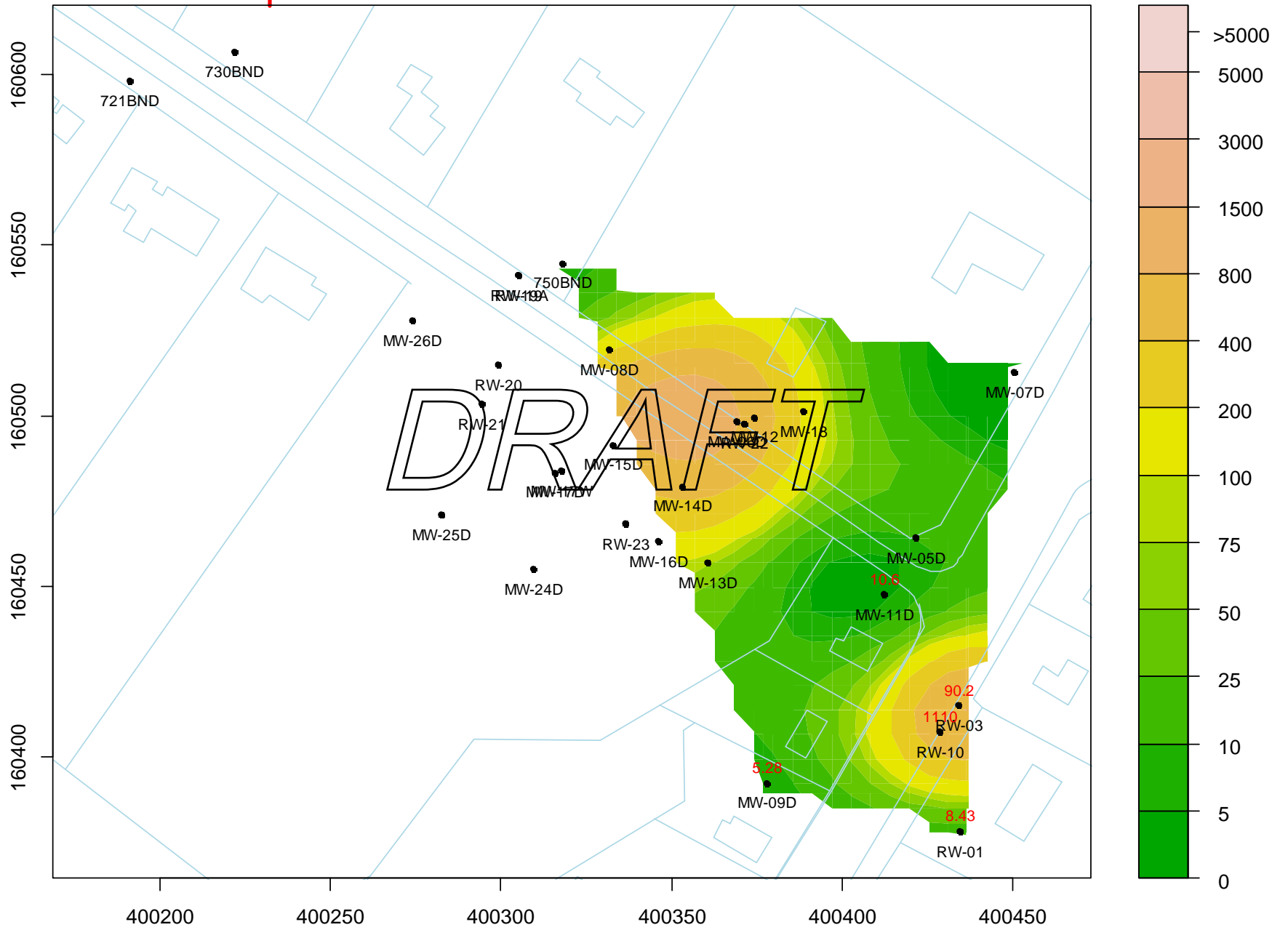
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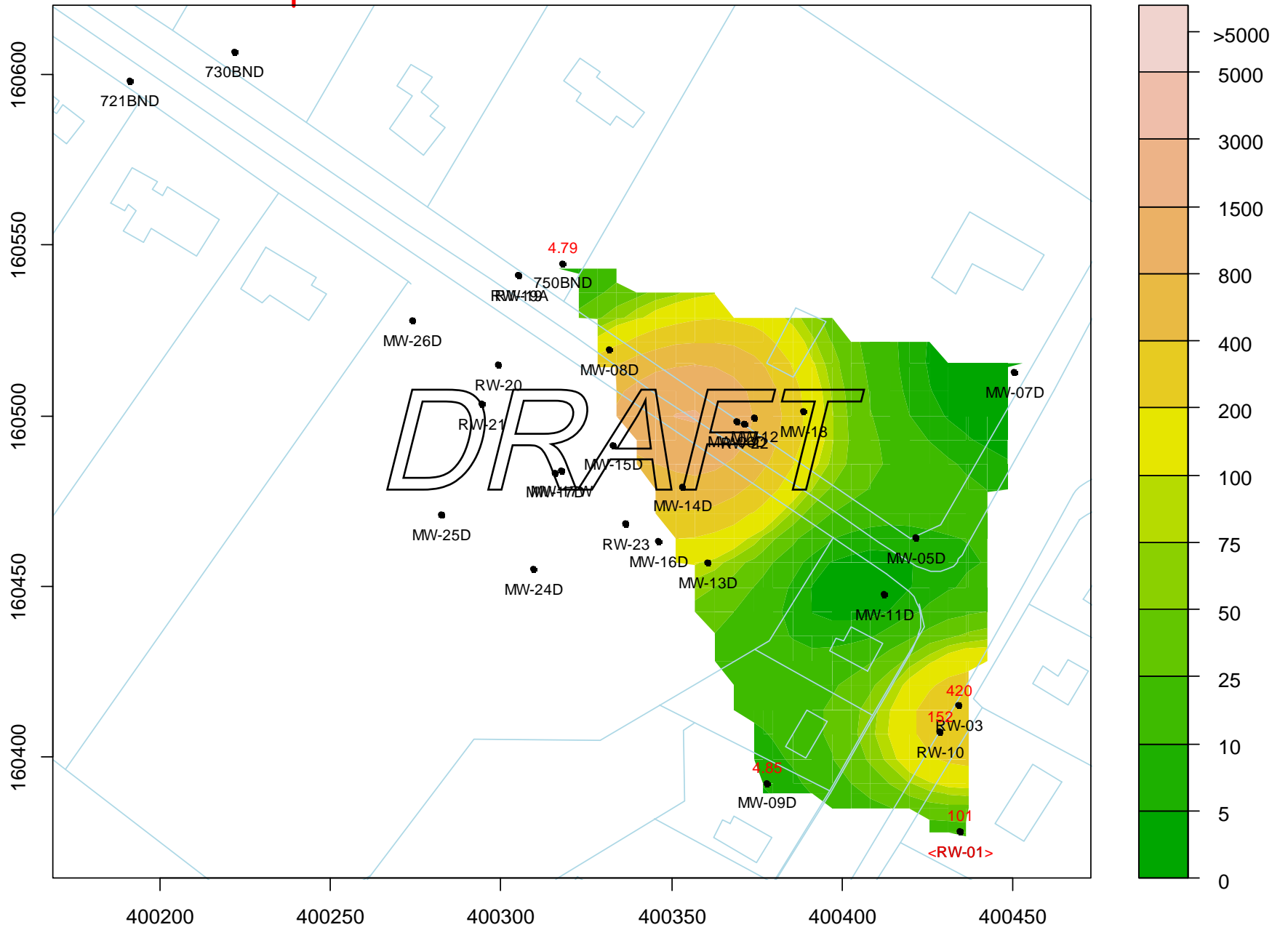
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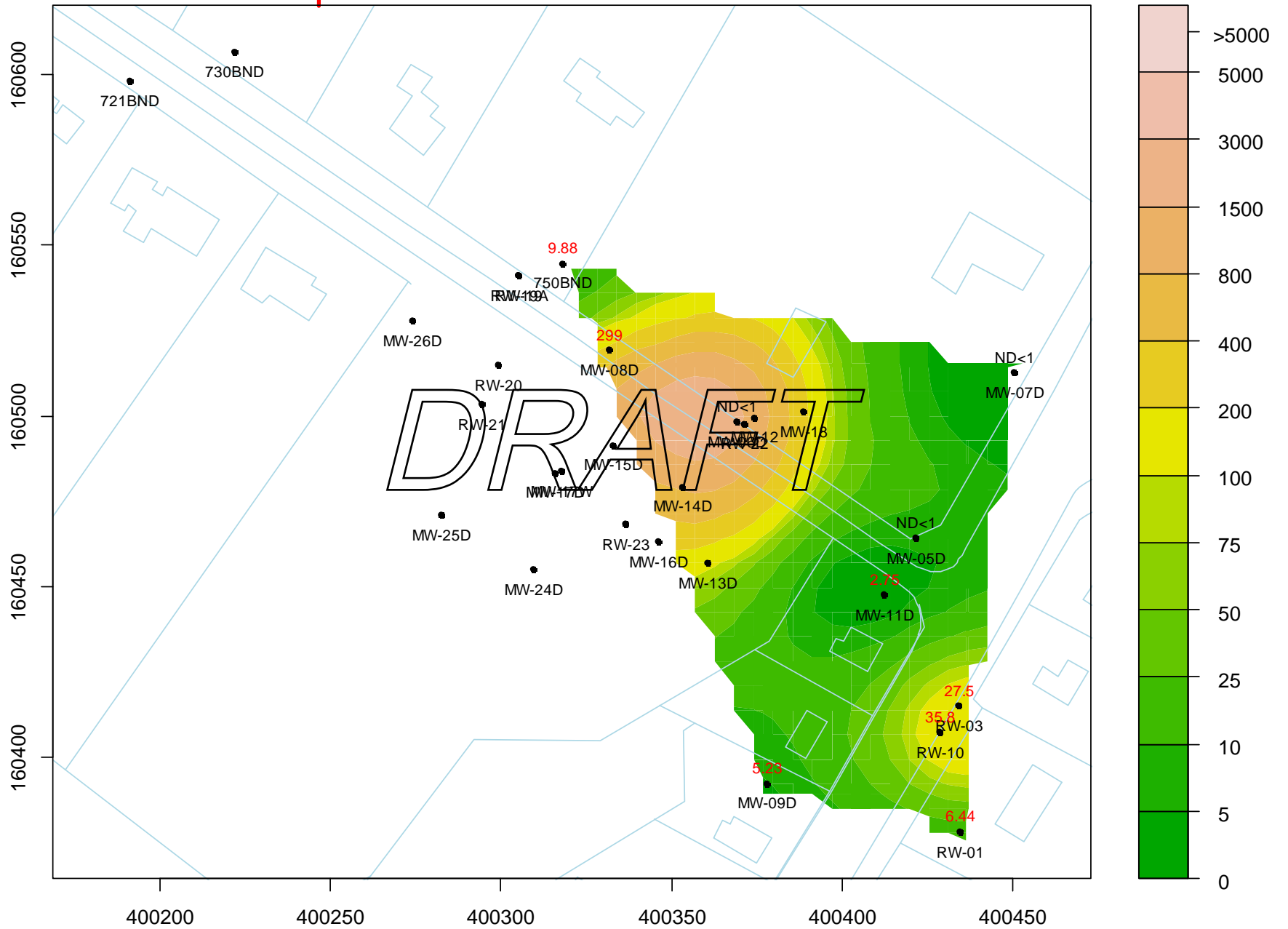
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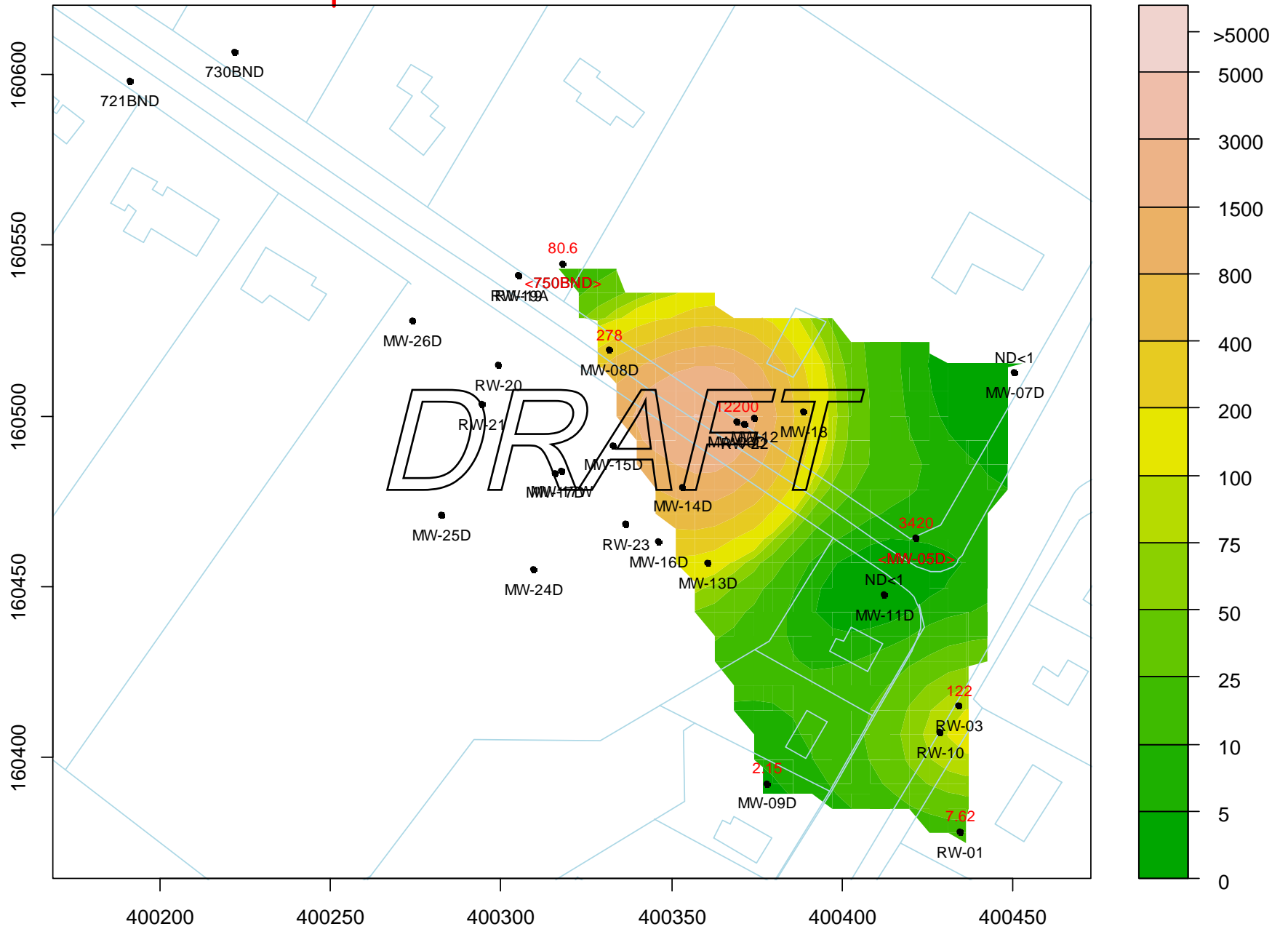
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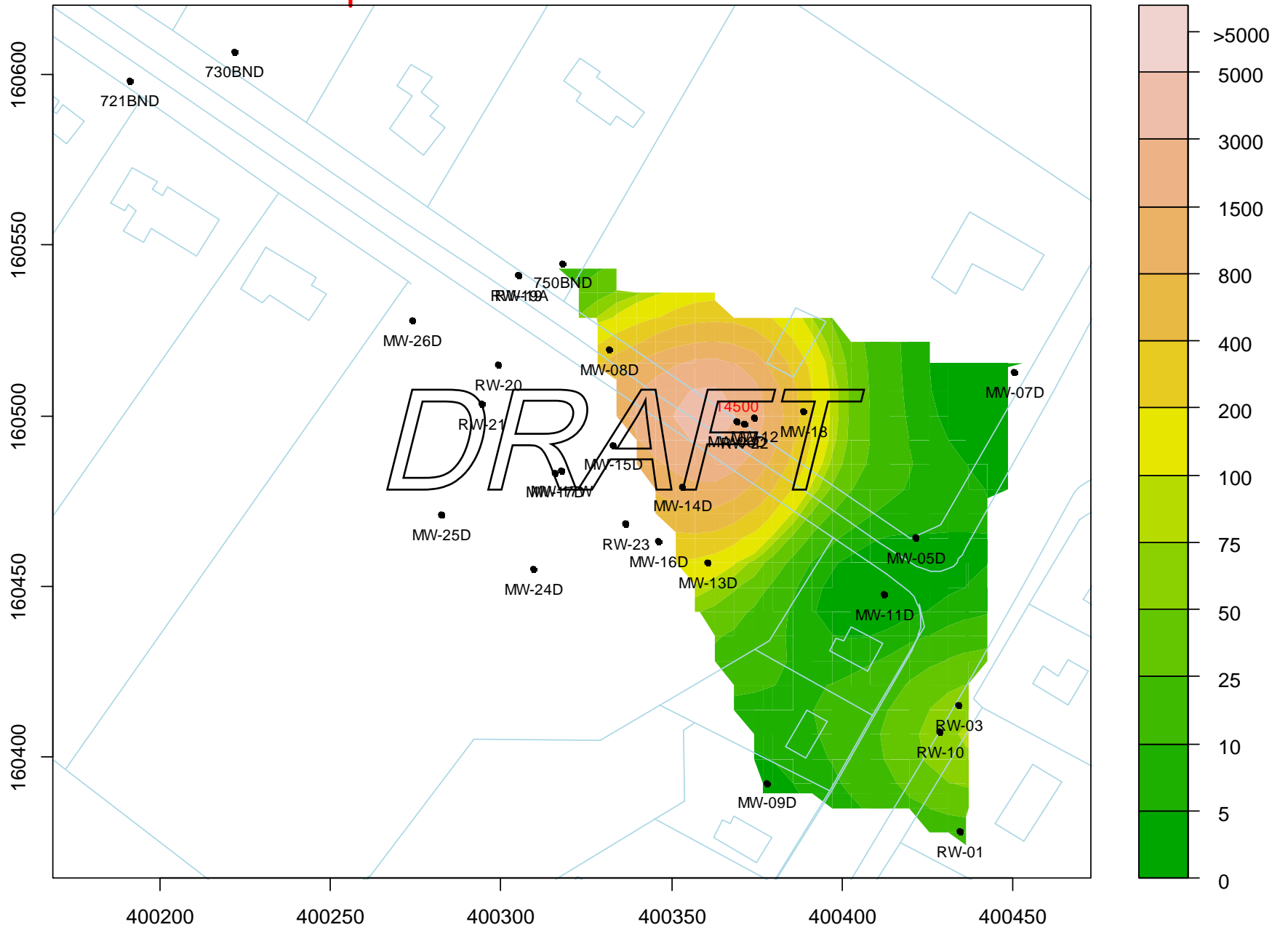
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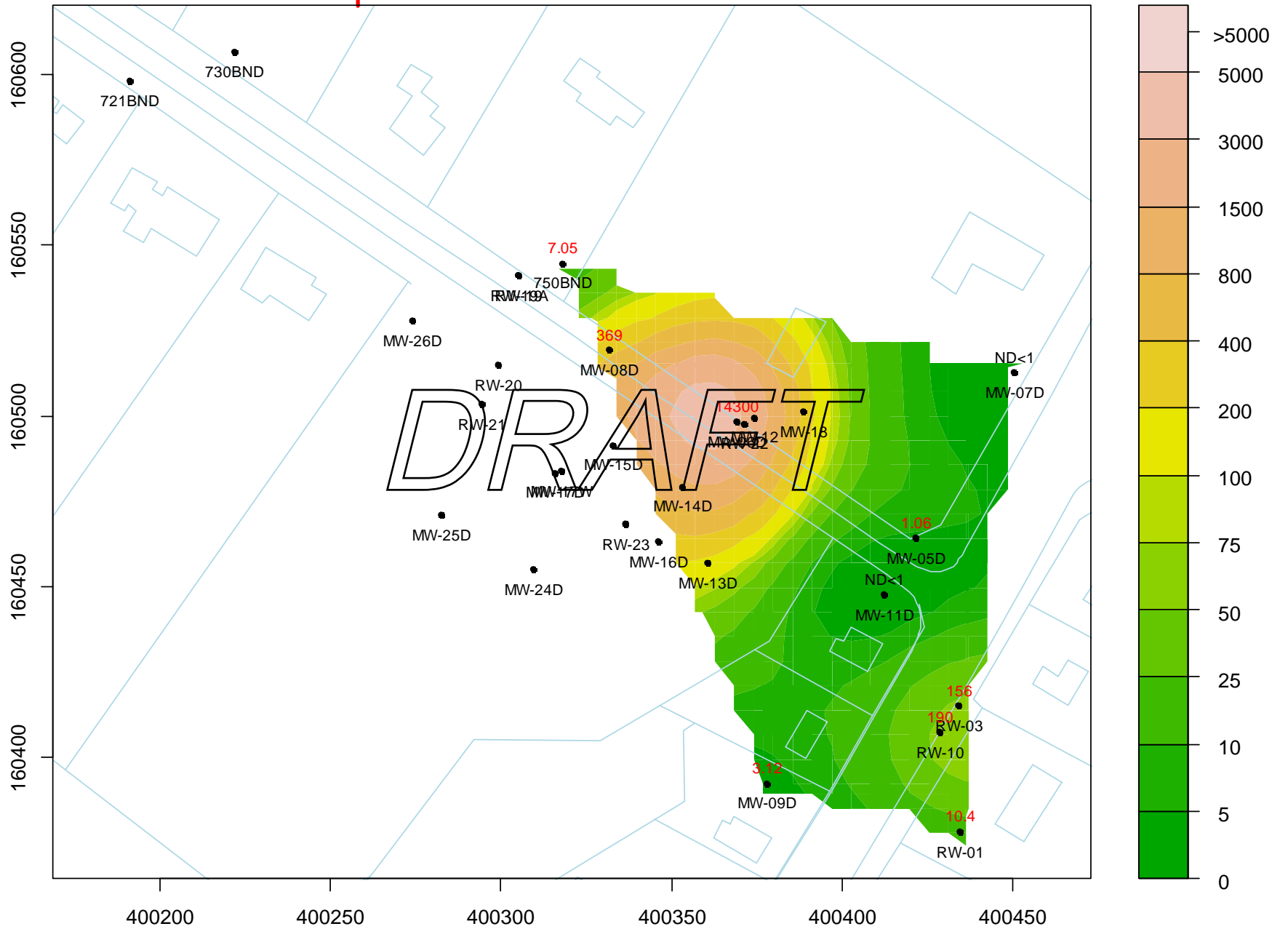
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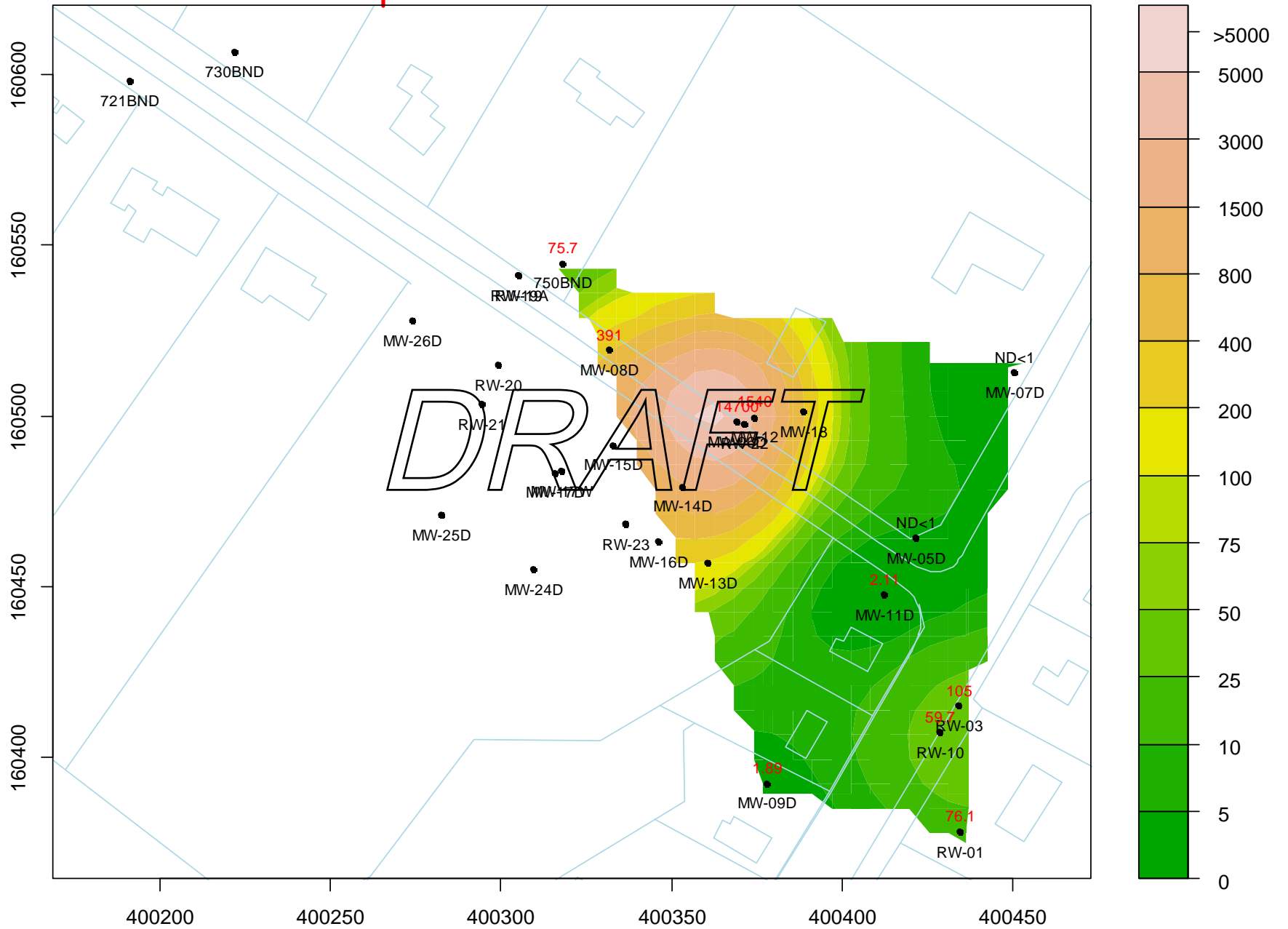
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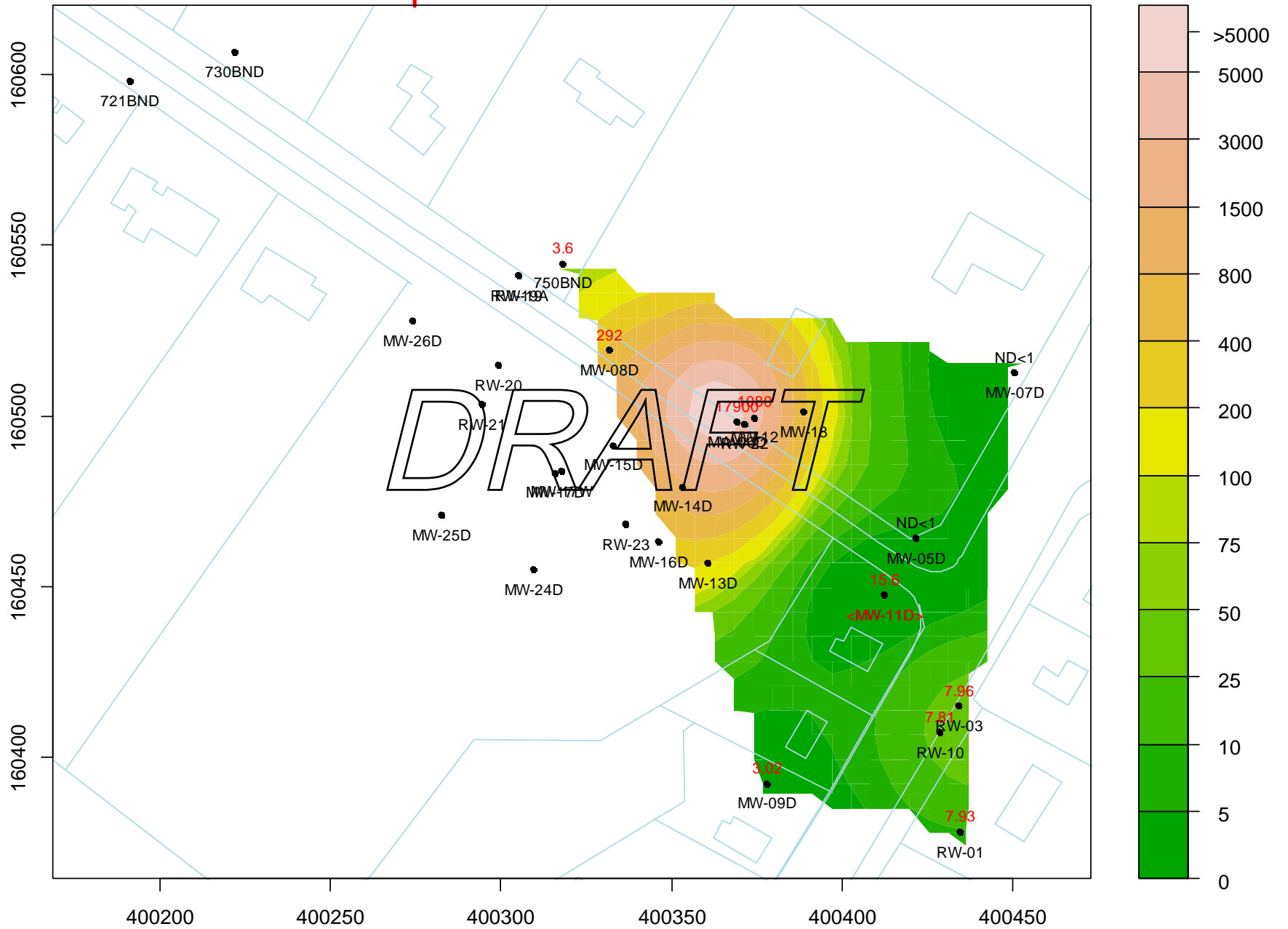
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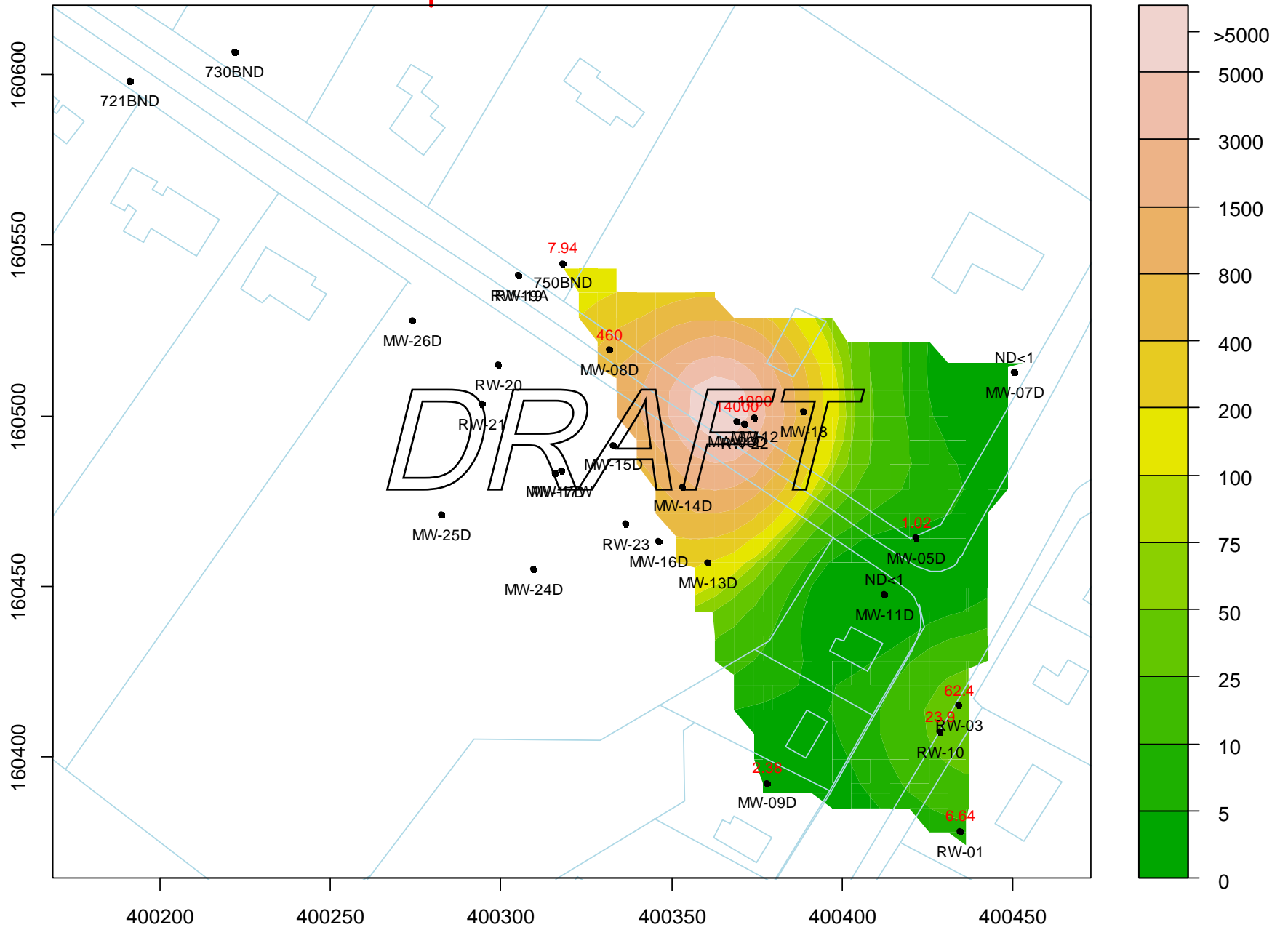
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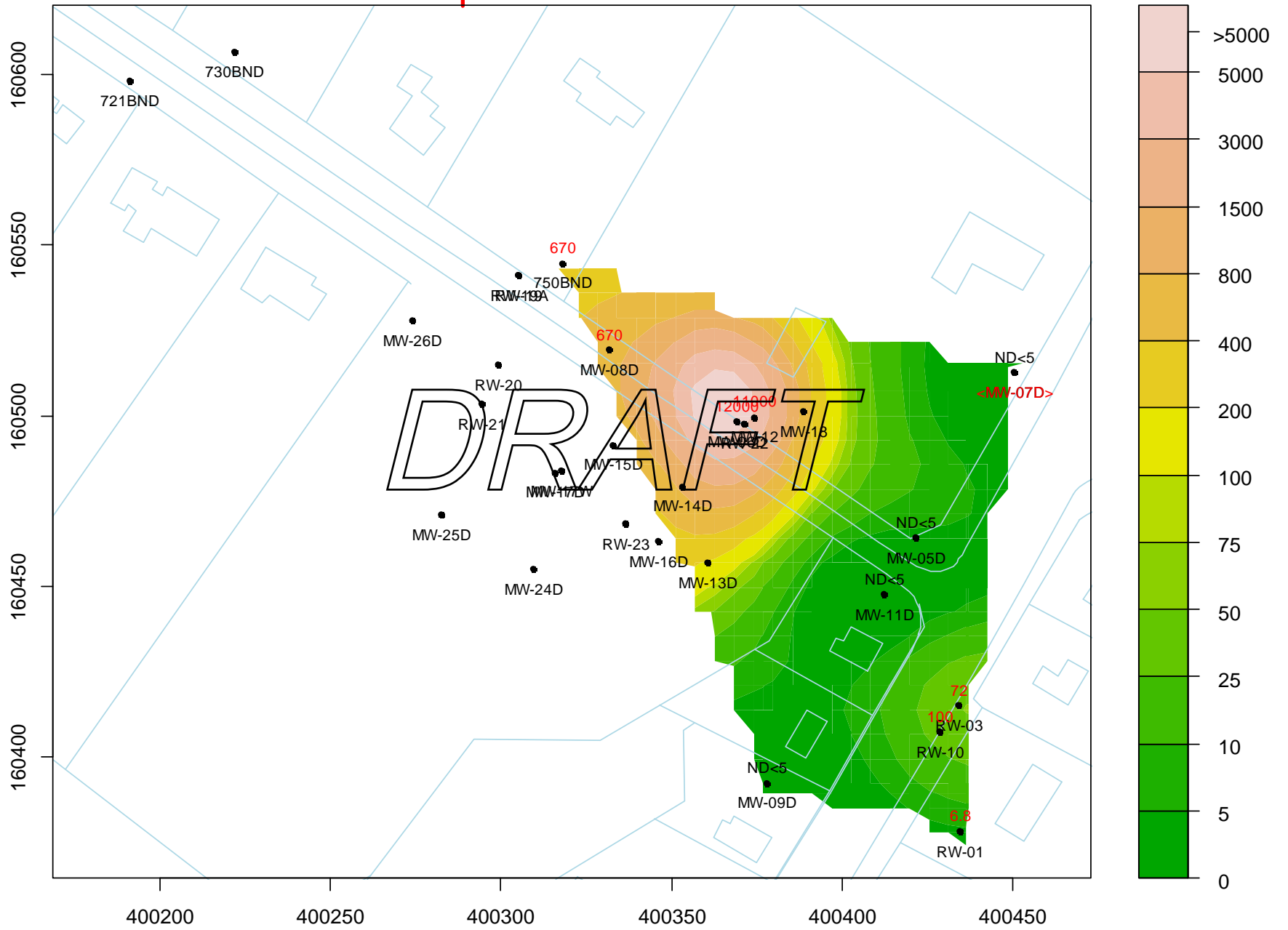
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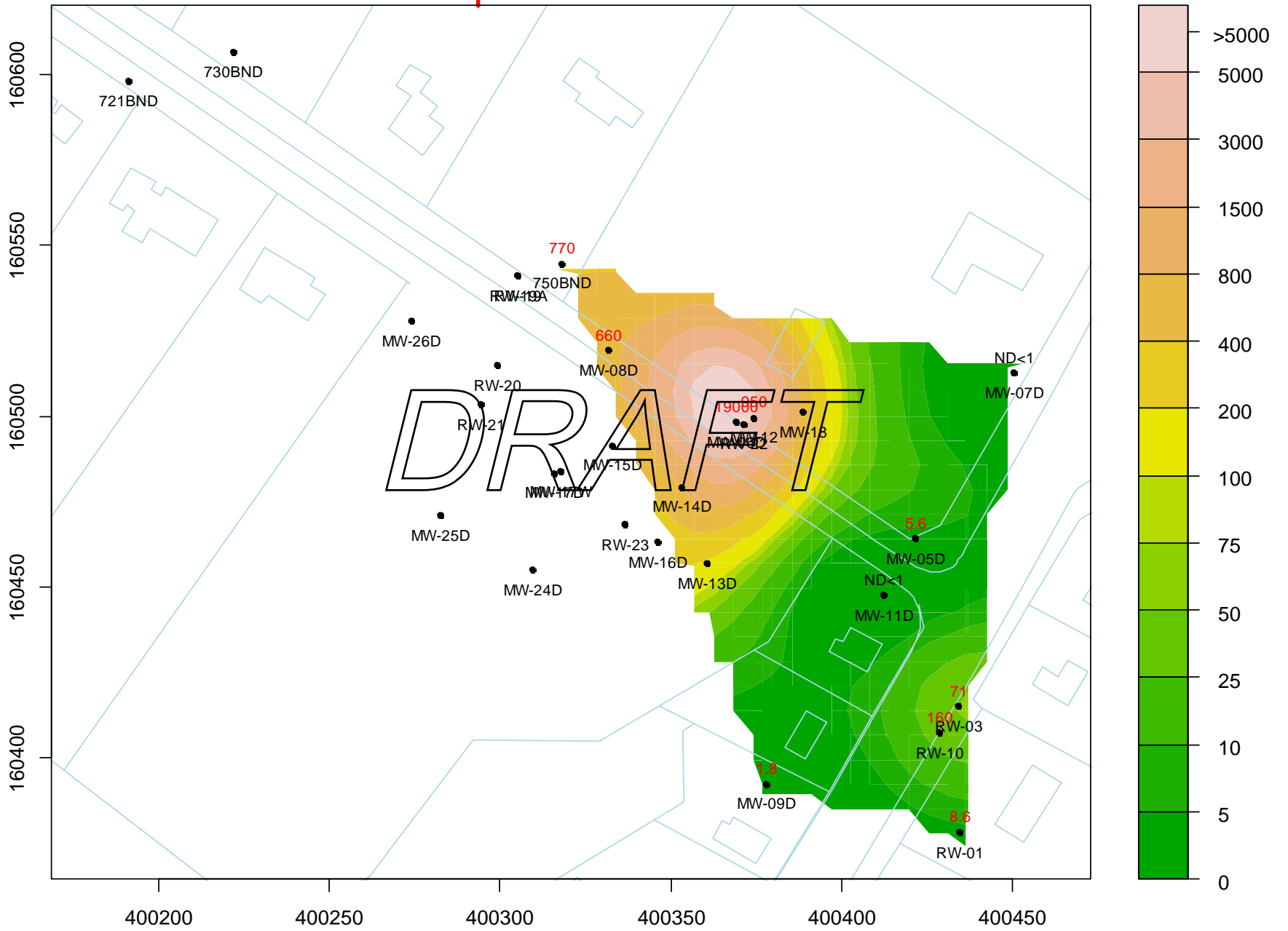
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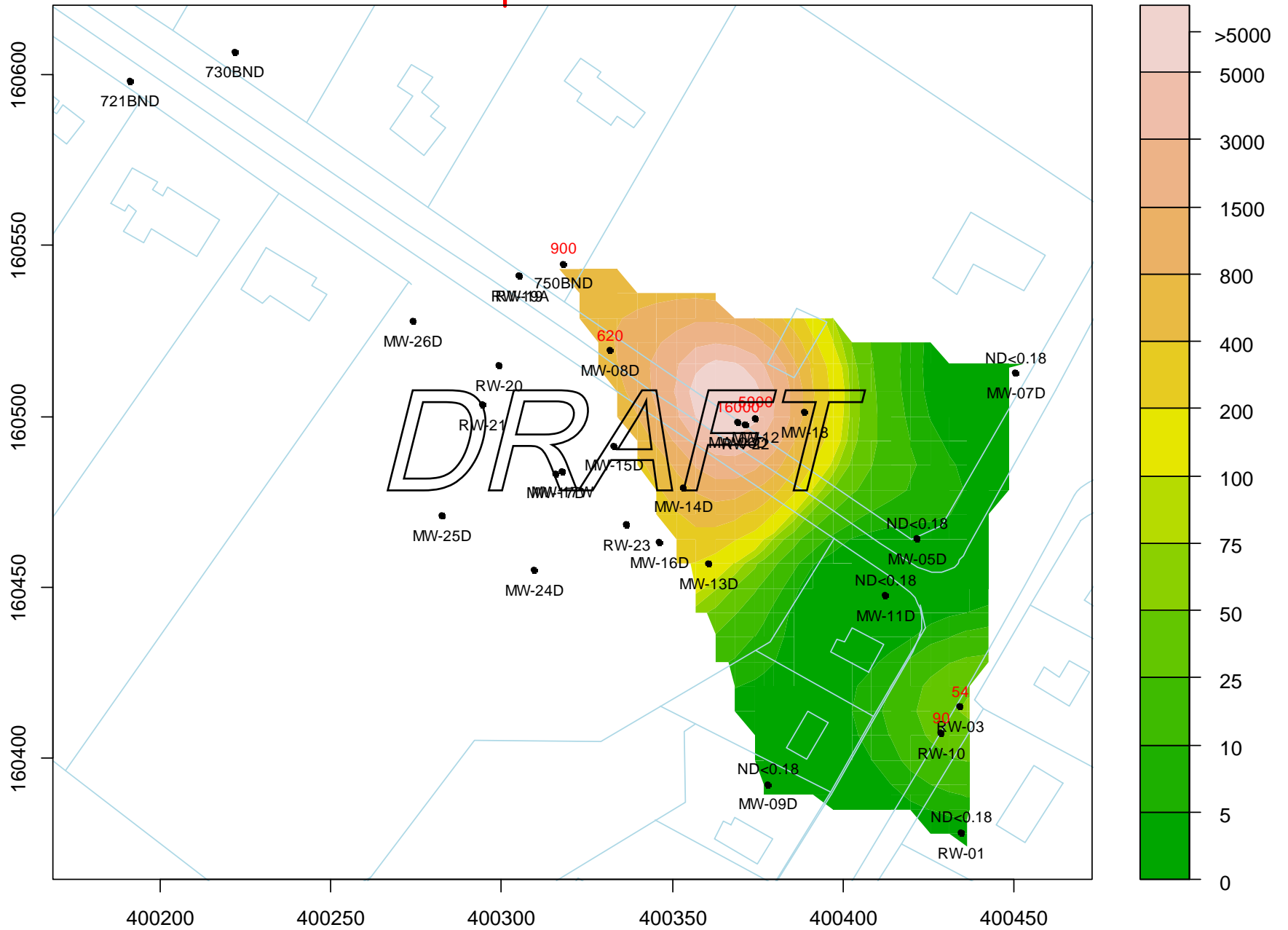
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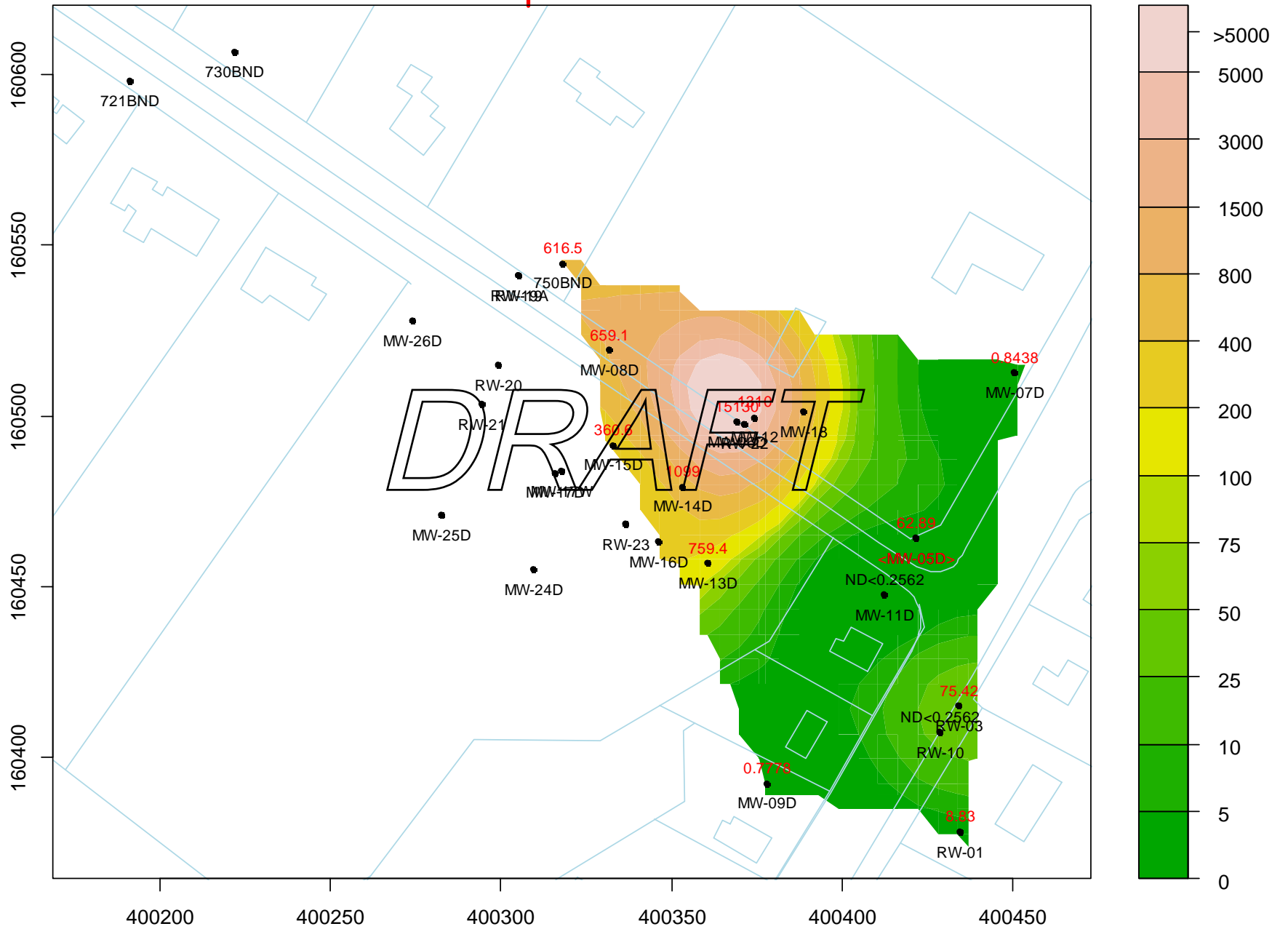
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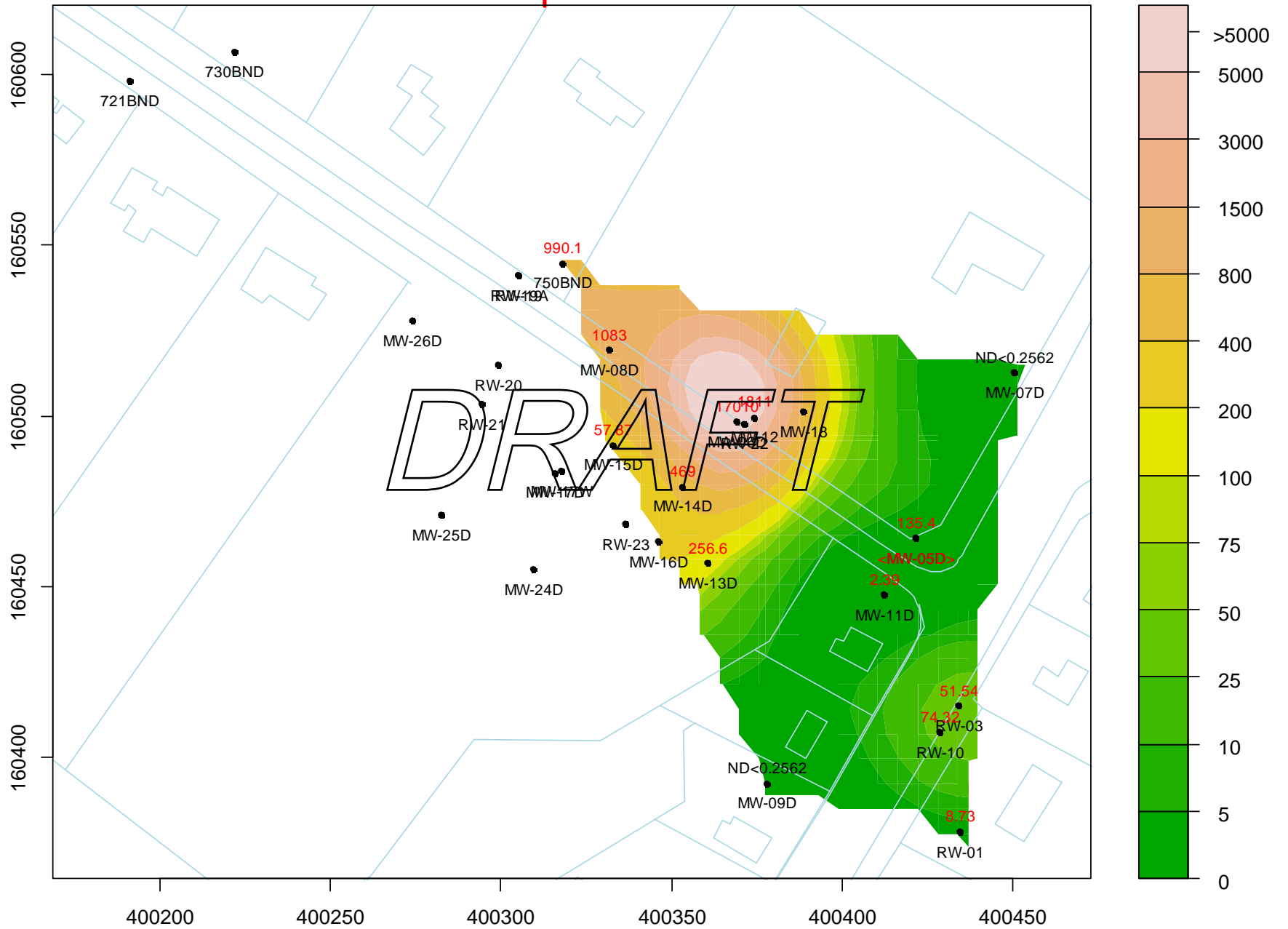
Methyltert-Butyl Ether : 25-Aug-2008 to 24-Sep-2008 : Aquifer-B



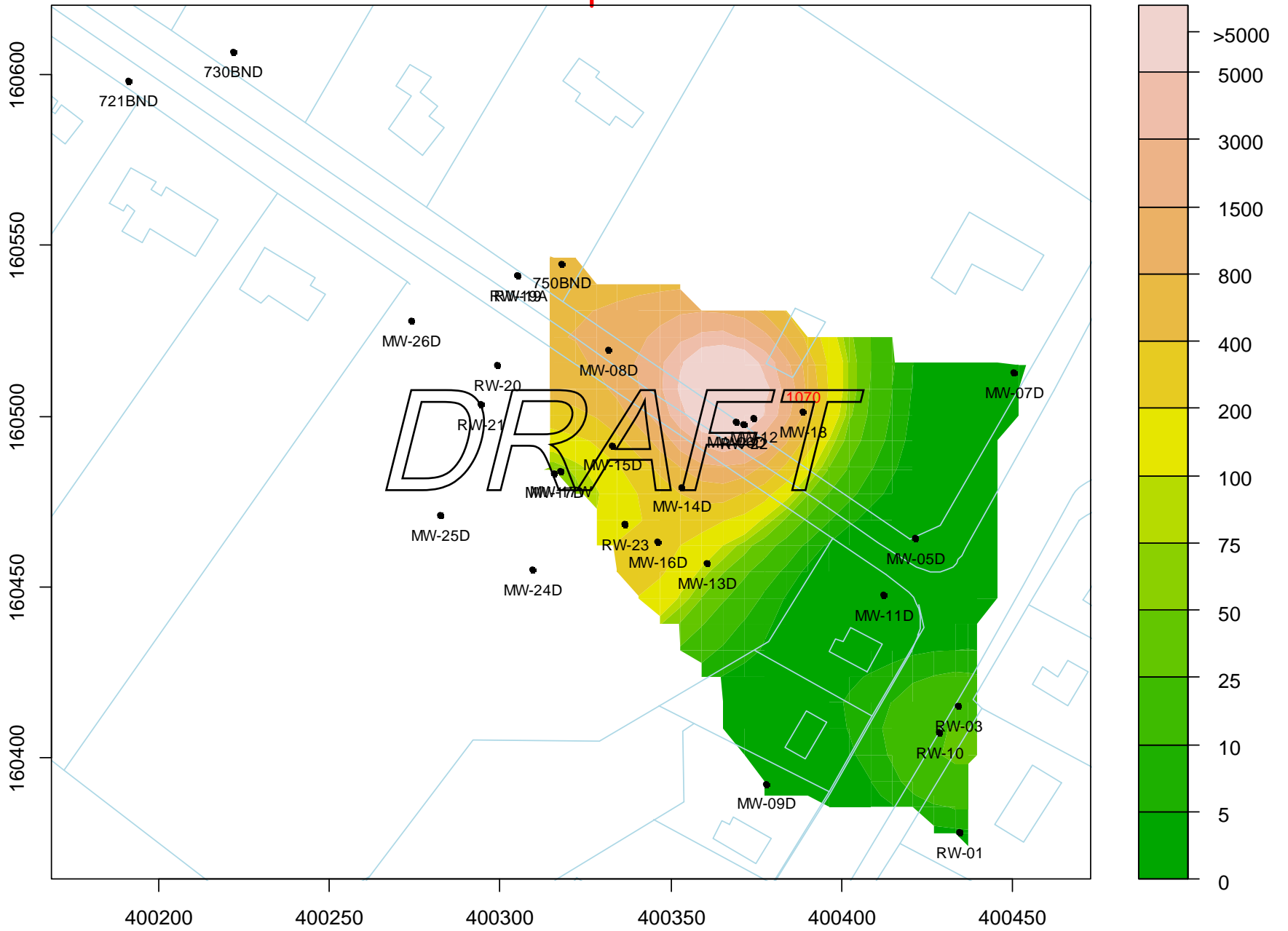
Methyltert-Butyl Ether : 25-Nov-2008 to 24-Dec-2008 : Aquifer-B



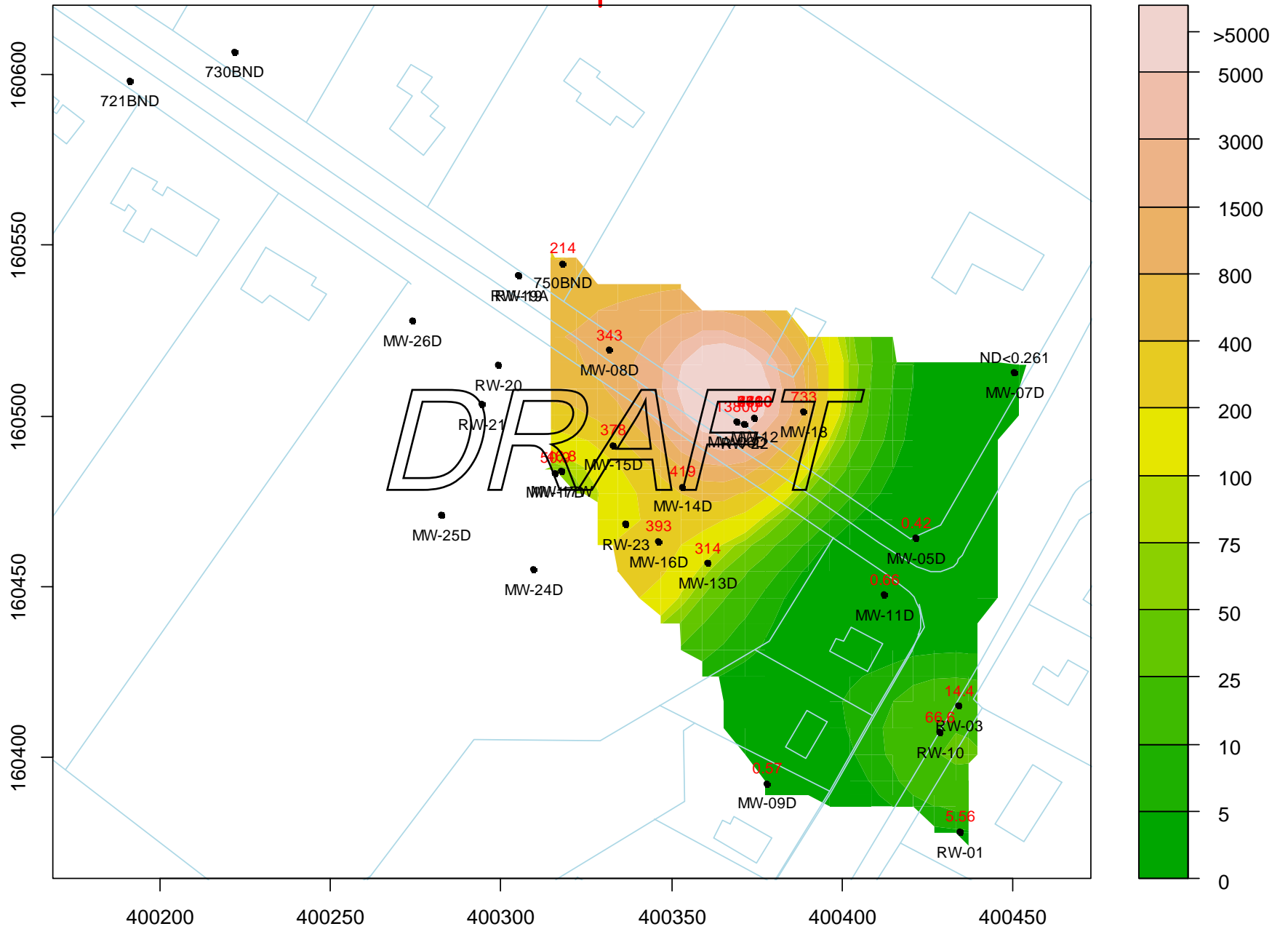
Methyltert-Butyl Ether : 25-Jan-2009 to 24-Feb-2009 : Aquifer-B



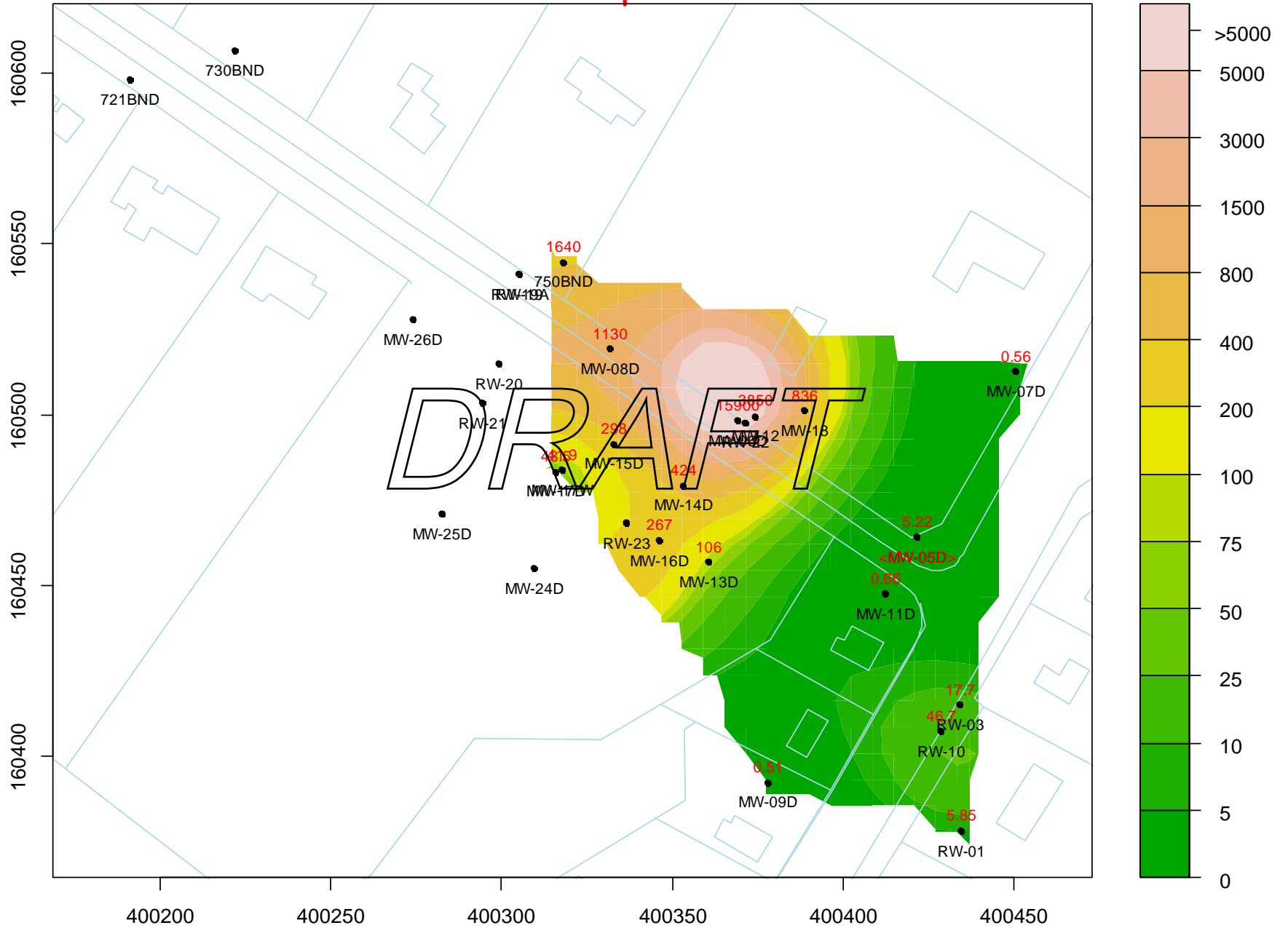
Methyltert-Butyl Ether : 25-Jul-2009 to 24-Aug-2009 : Aquifer-B



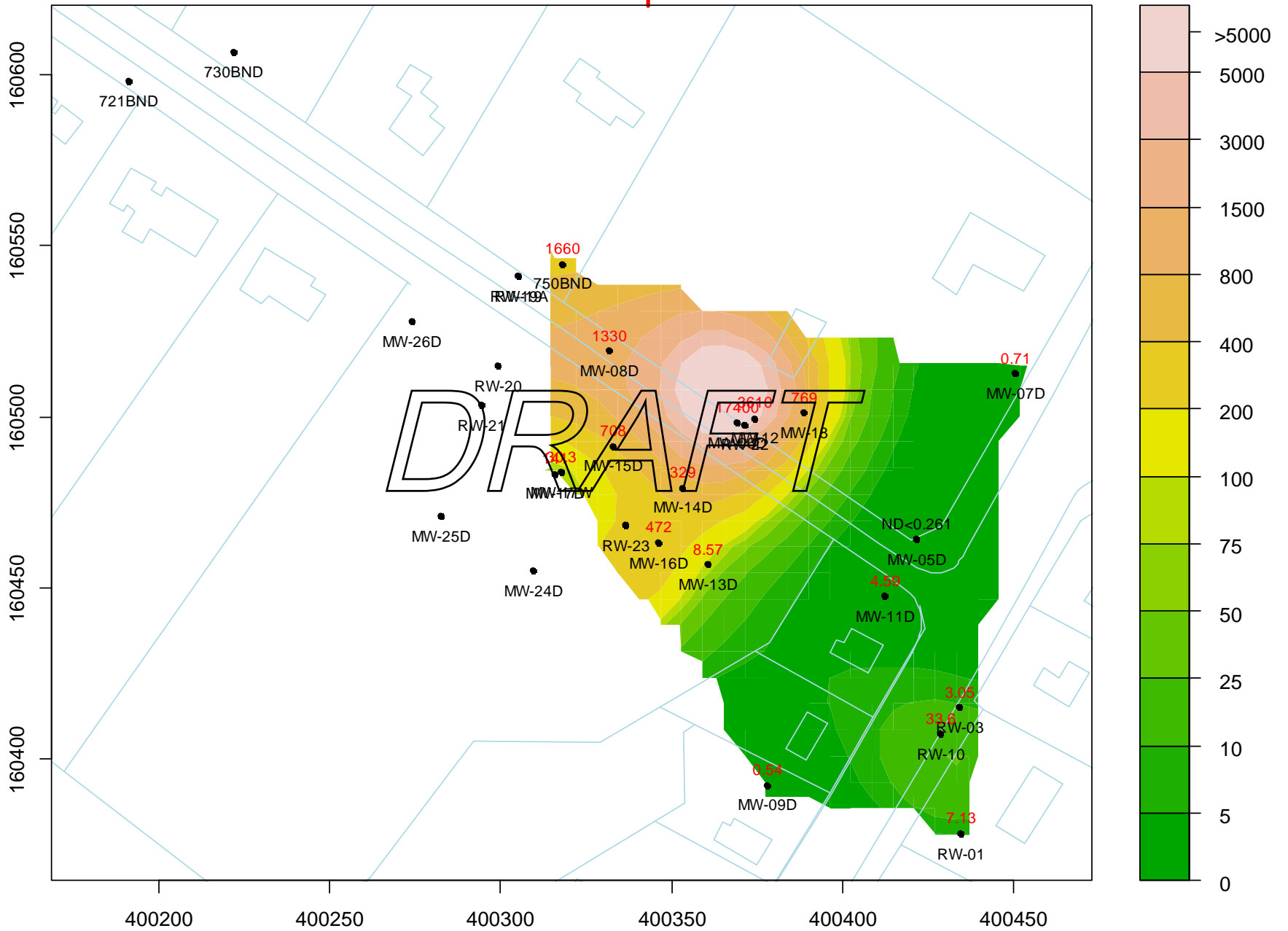
Methyltert-Butyl Ether : 25-Aug-2009 to 24-Sep-2009 : Aquifer-B



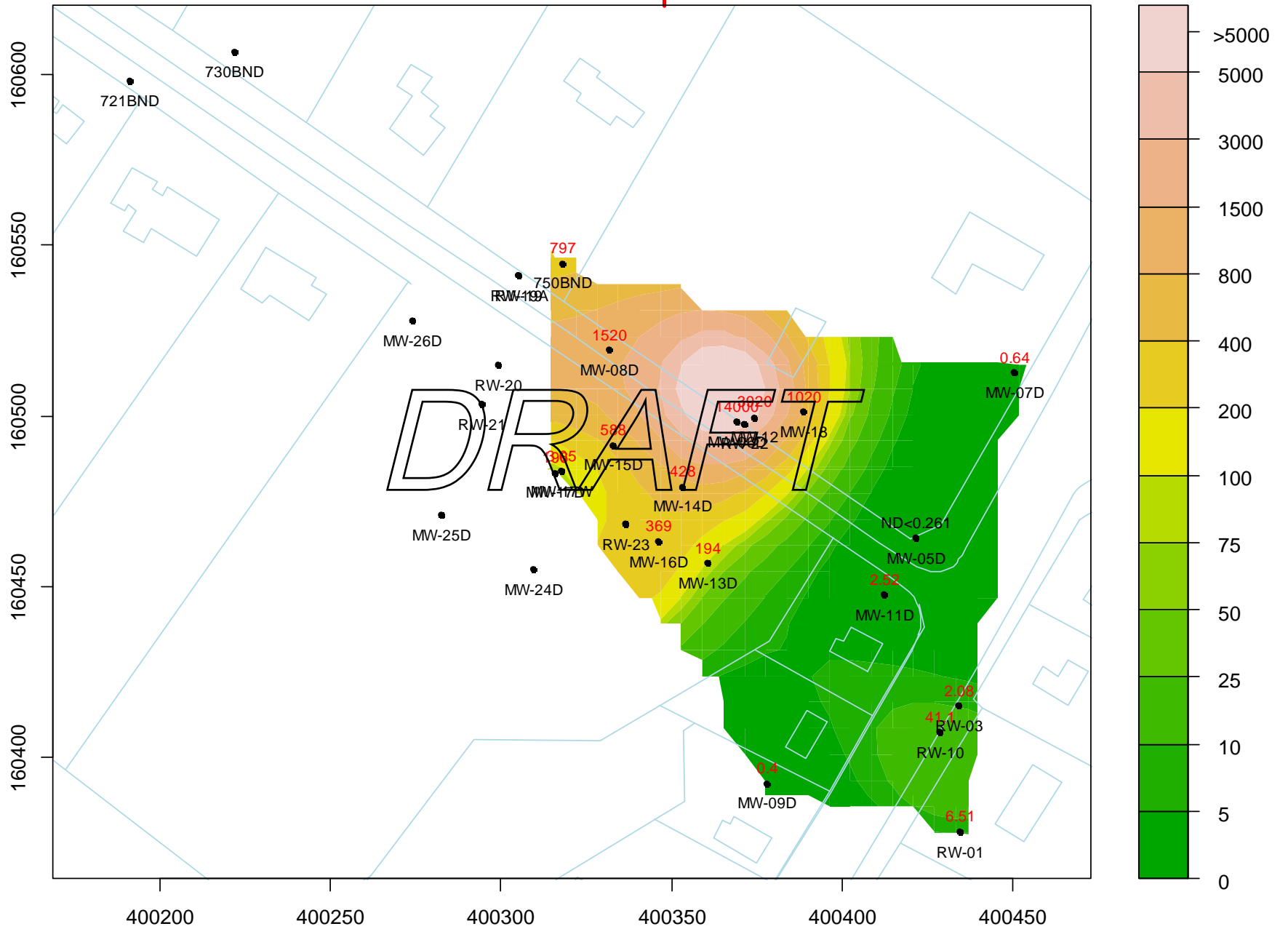
Methyltert-Butyl Ether : 25-Nov-2009 to 24-Dec-2009 : Aquifer-B



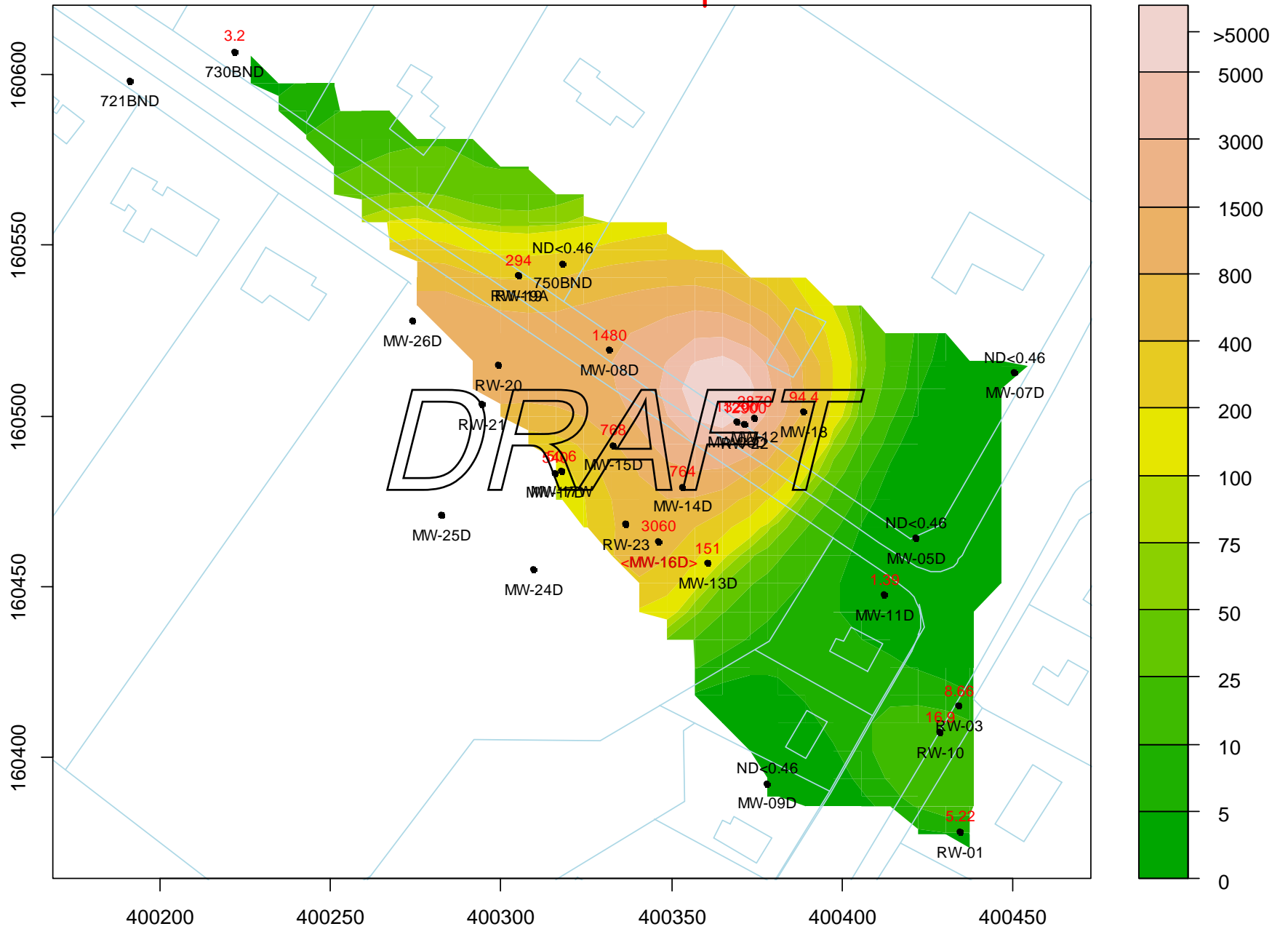
Methyltert-Butyl Ether : 25-Feb-2010 to 24-Mar-2010 : Aquifer-B



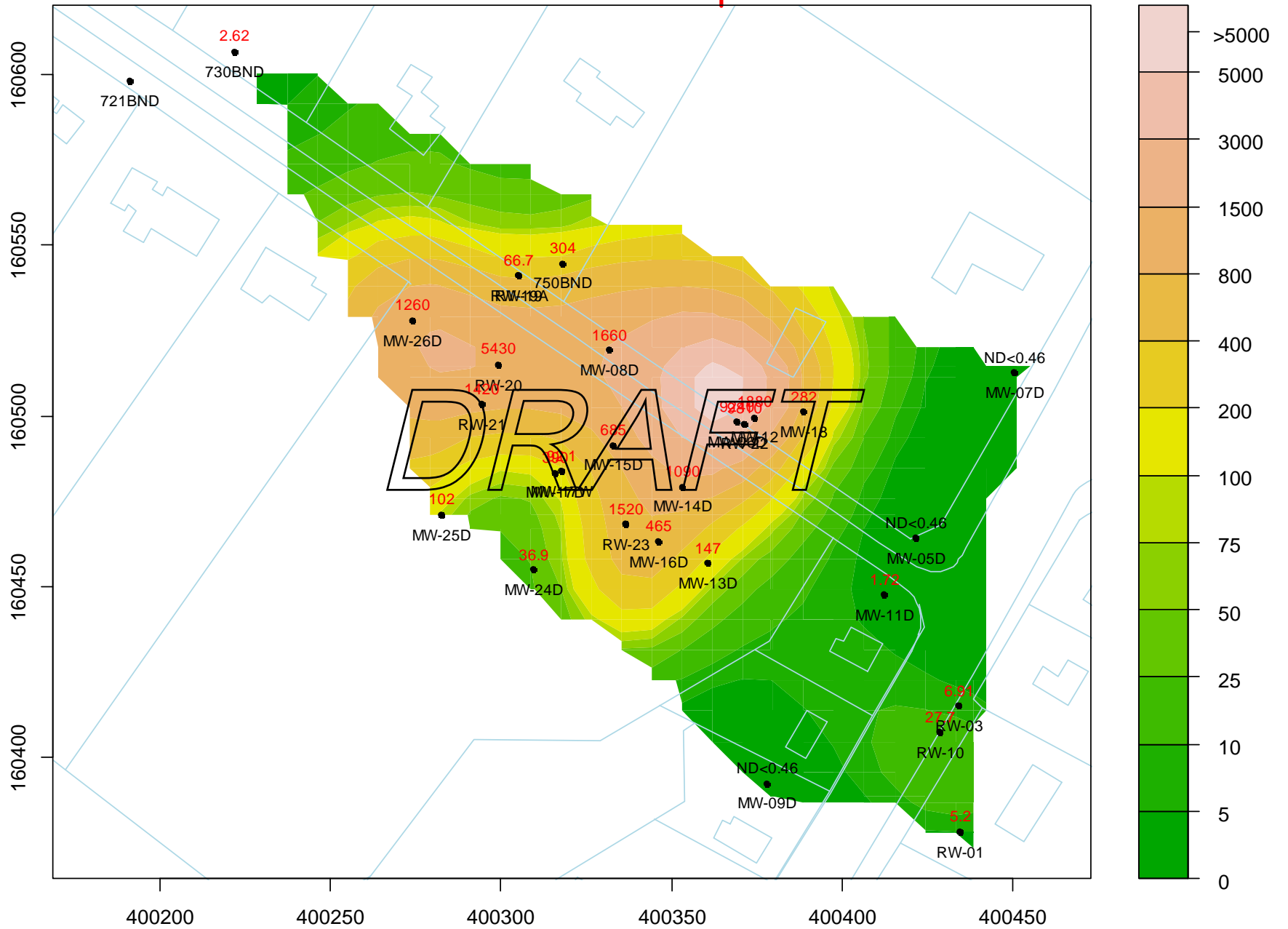
Methyltert-Butyl Ether : 25-Apr-2010 to 24-May-2010 : Aquifer-B



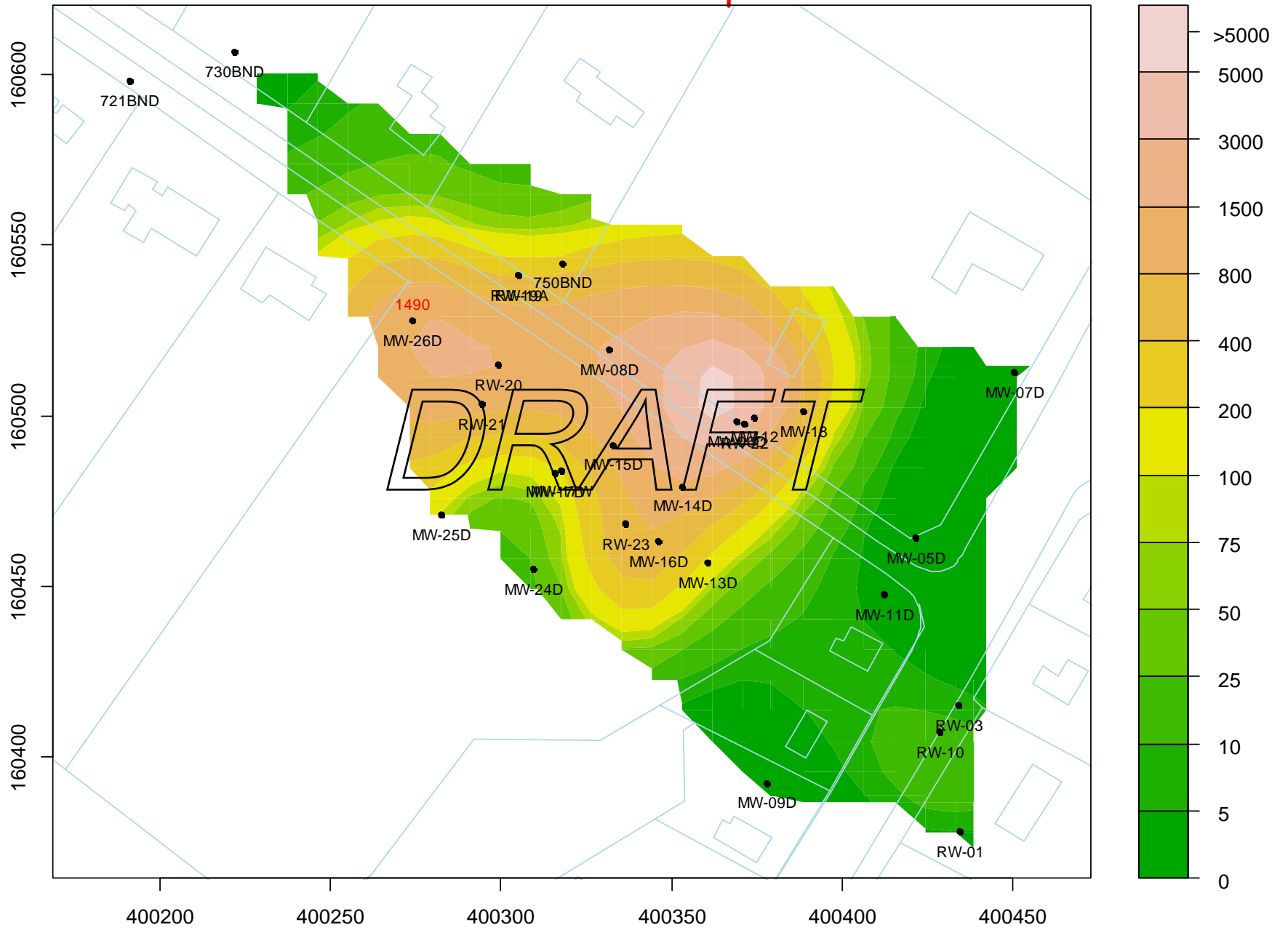
Methyltert-Butyl Ether : 25-Sep-2010 to 24-Oct-2010 : Aquifer-B



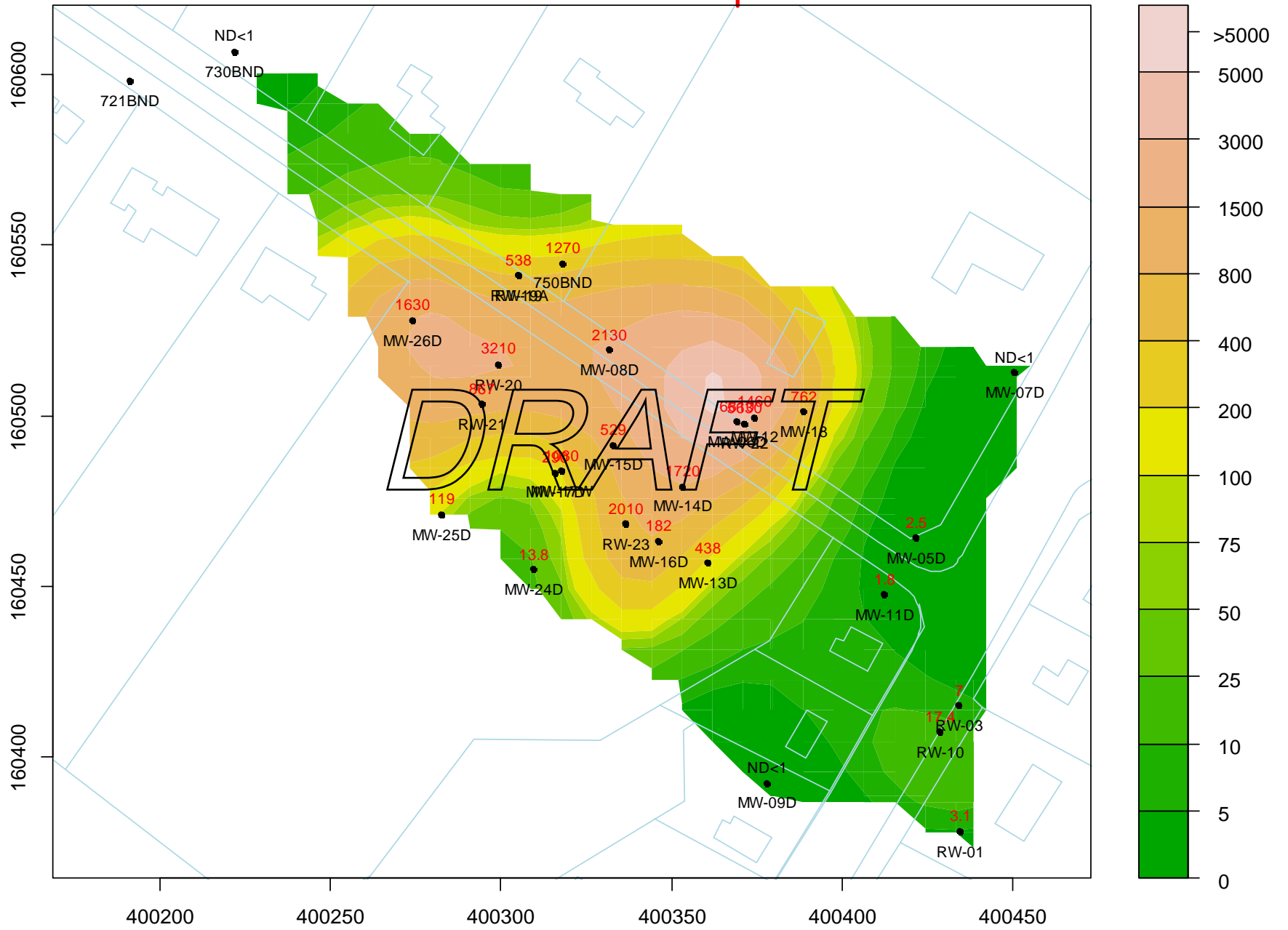
Methyltert-Butyl Ether : 25-Nov-2010 to 24-Dec-2010 : Aquifer-B



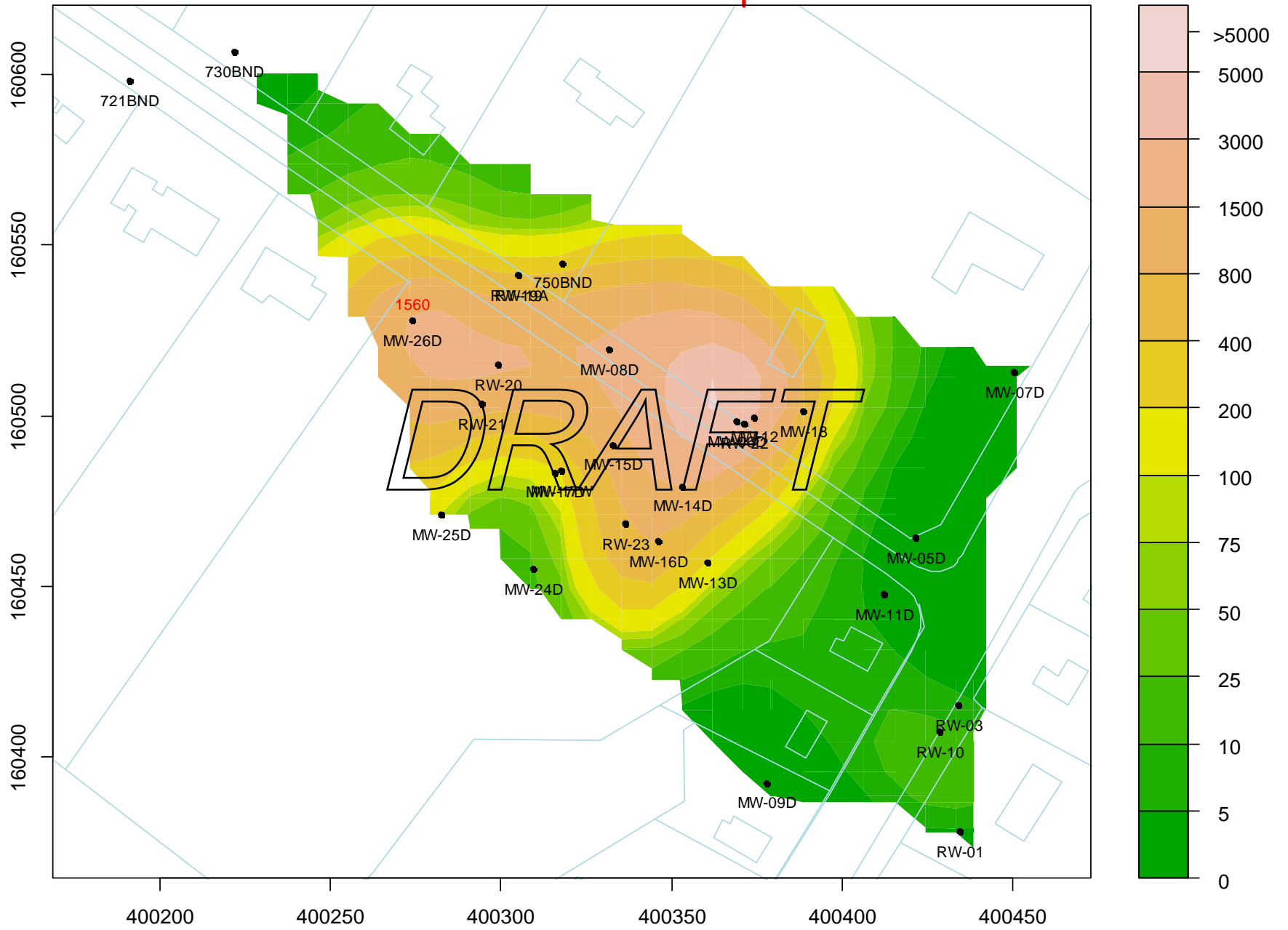
Methyltert-Butyl Ether : 25-Dec-2010 to 24-Jan-2011 : Aquifer-B



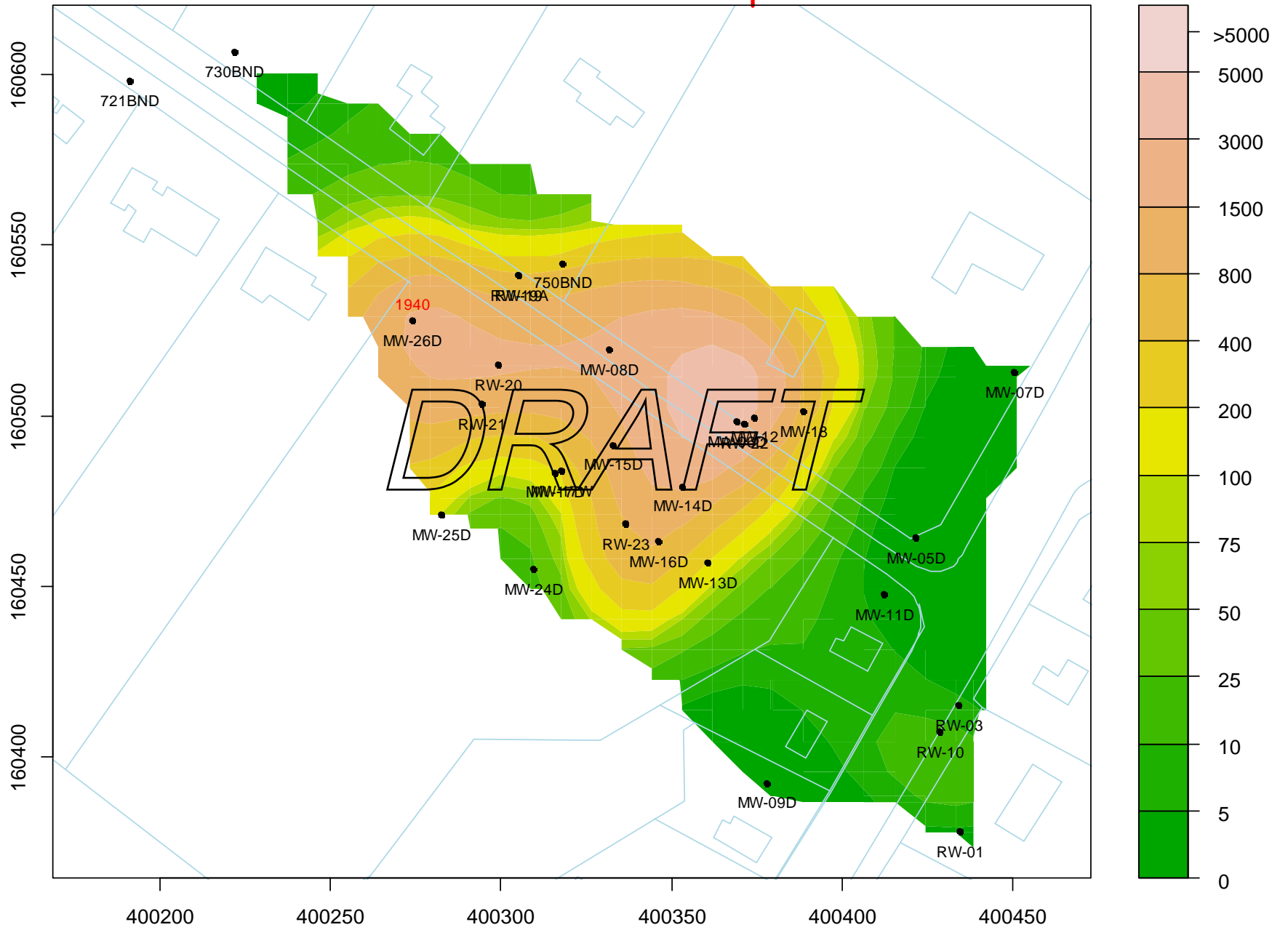
Methyltert-Butyl Ether : 25-Jan-2011 to 24-Feb-2011 : Aquifer-B



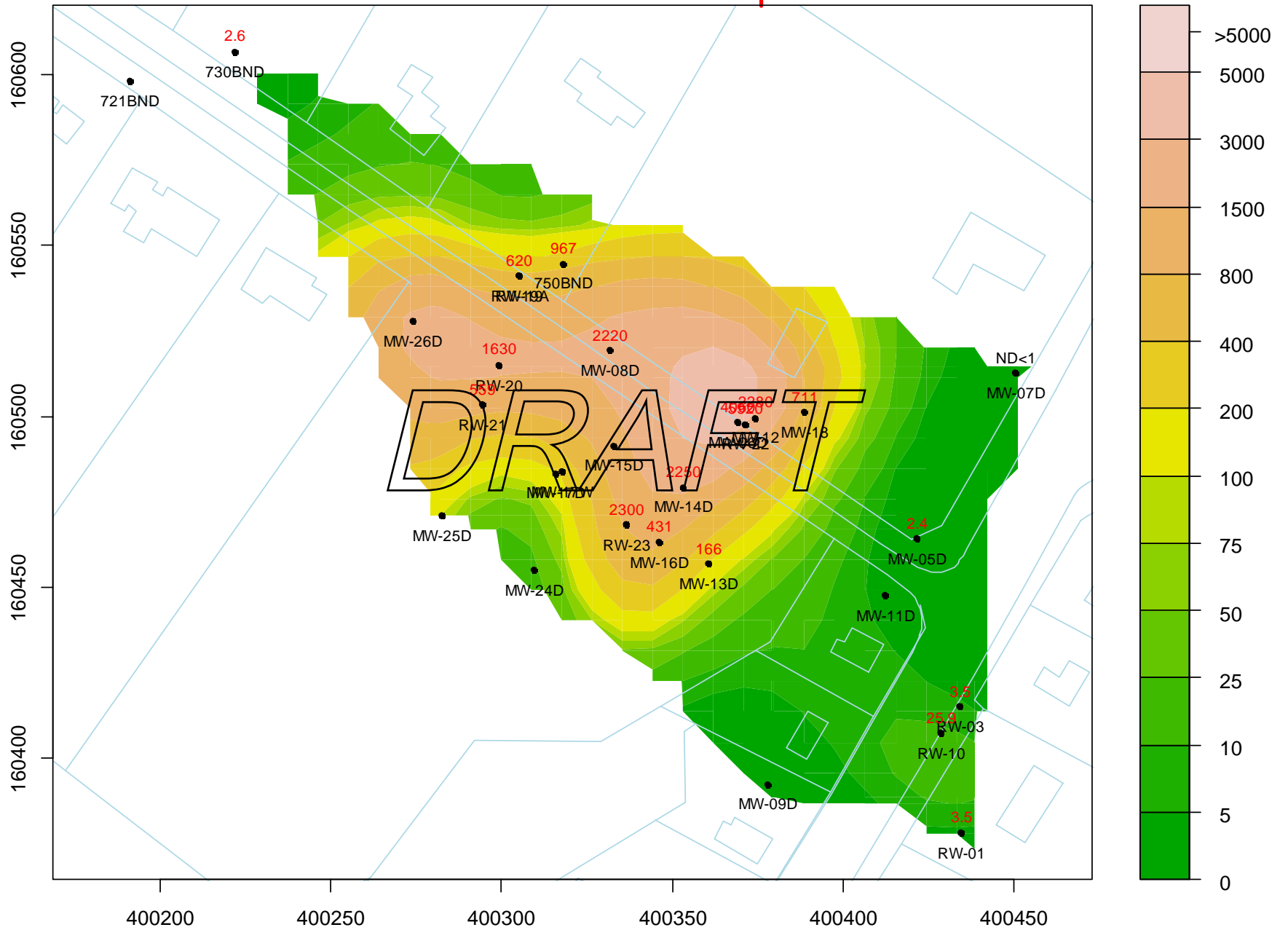
Methyltert-Butyl Ether : 25-Feb-2011 to 24-Mar-2011 : Aquifer-B



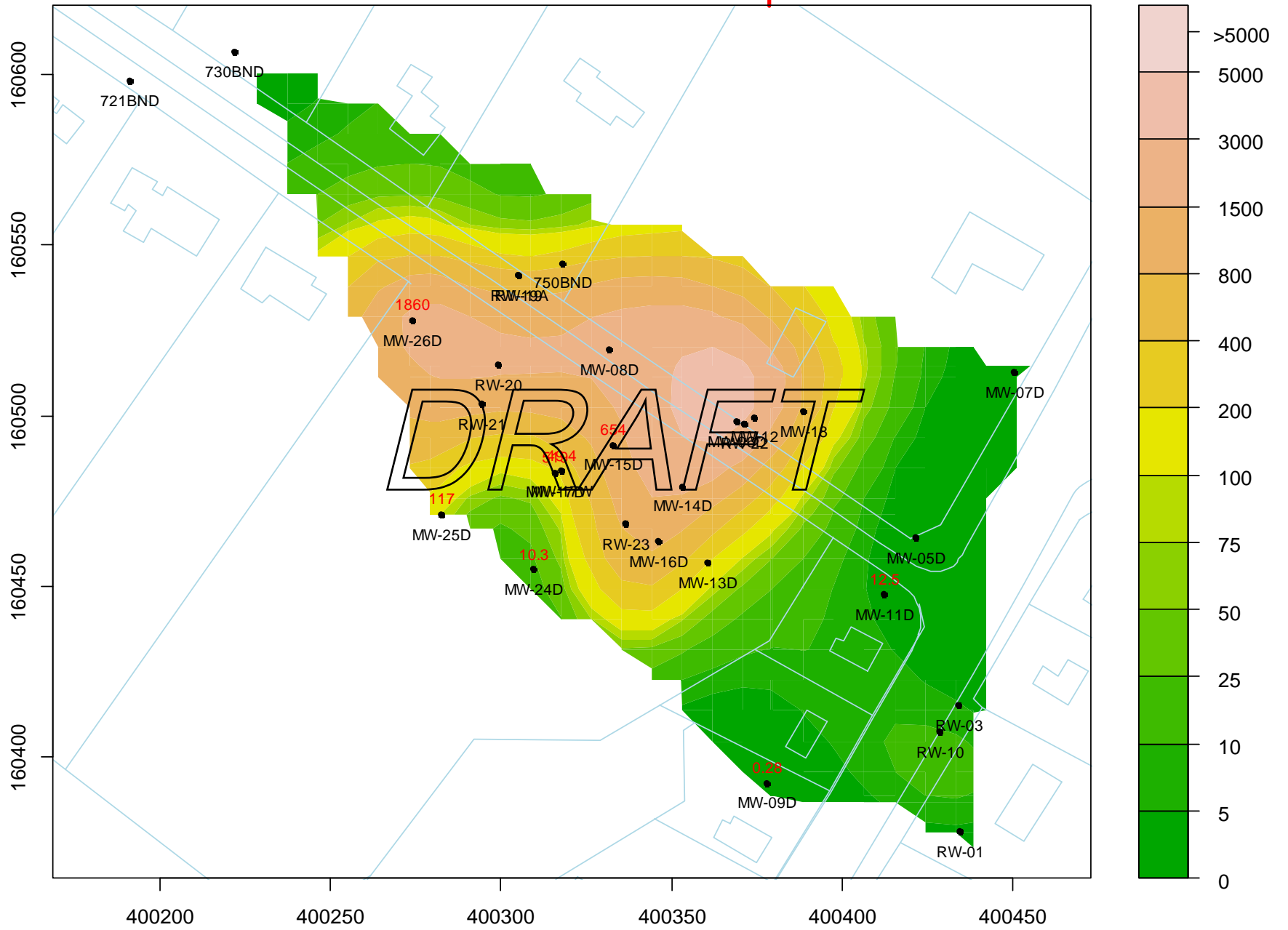
Methyltert-Butyl Ether : 25-Mar-2011 to 24-Apr-2011 : Aquifer-B



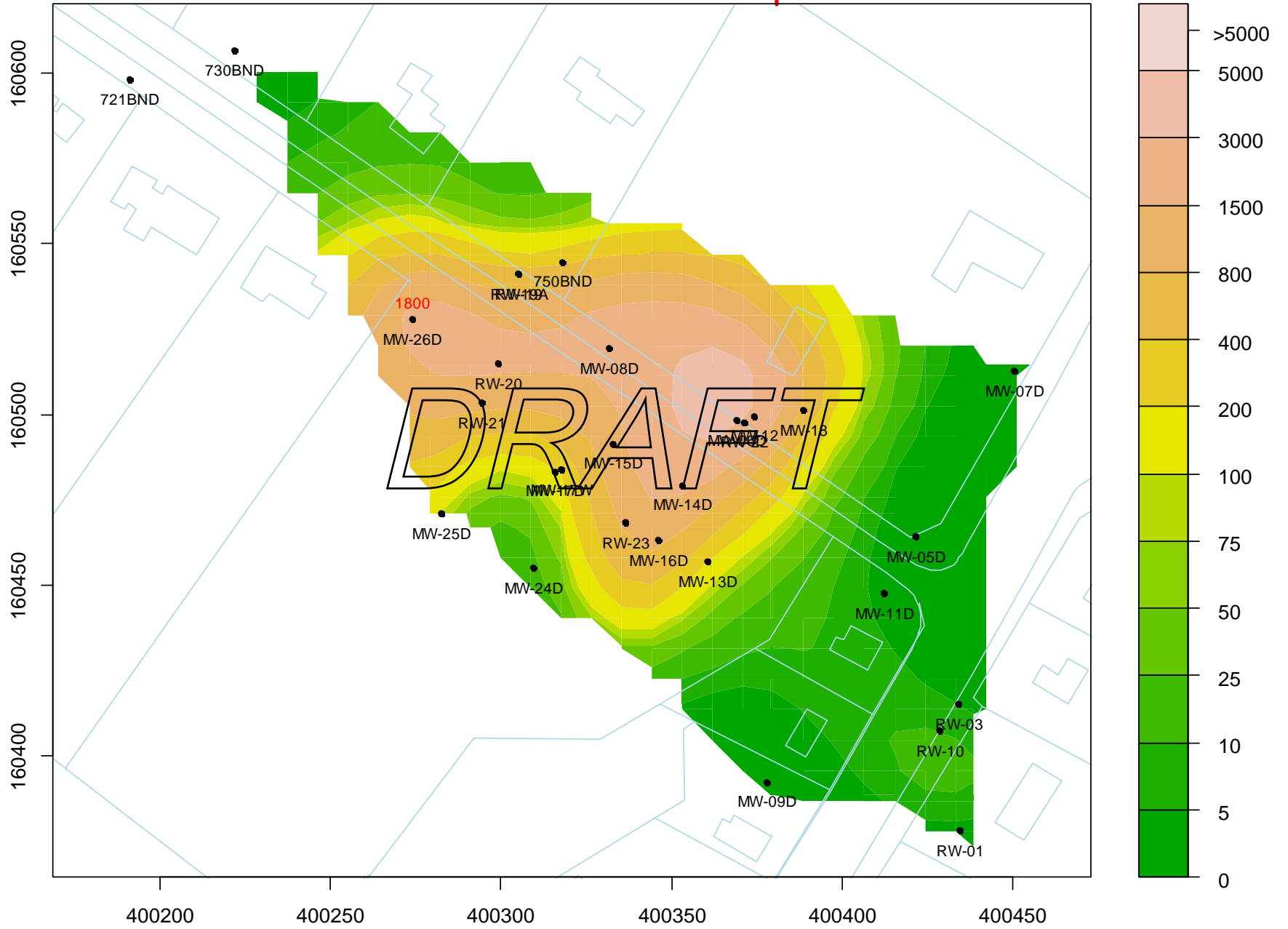
Methyltert-Butyl Ether : 25-Apr-2011 to 24-May-2011 ; Aquifer-B



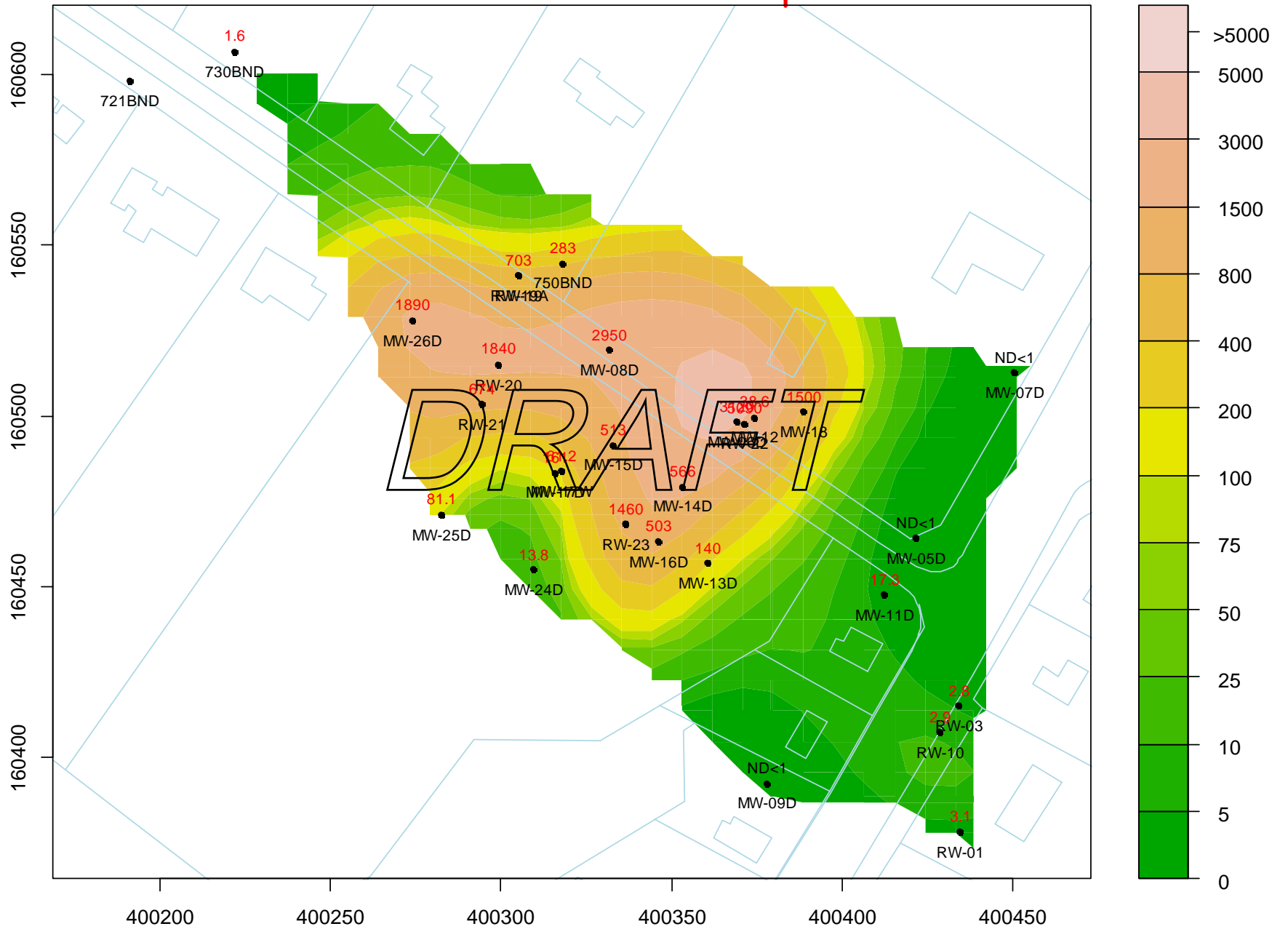
Methyltert-Butyl Ether : 25-May-2011 to 24-Jun-2011 : Aquifer-B



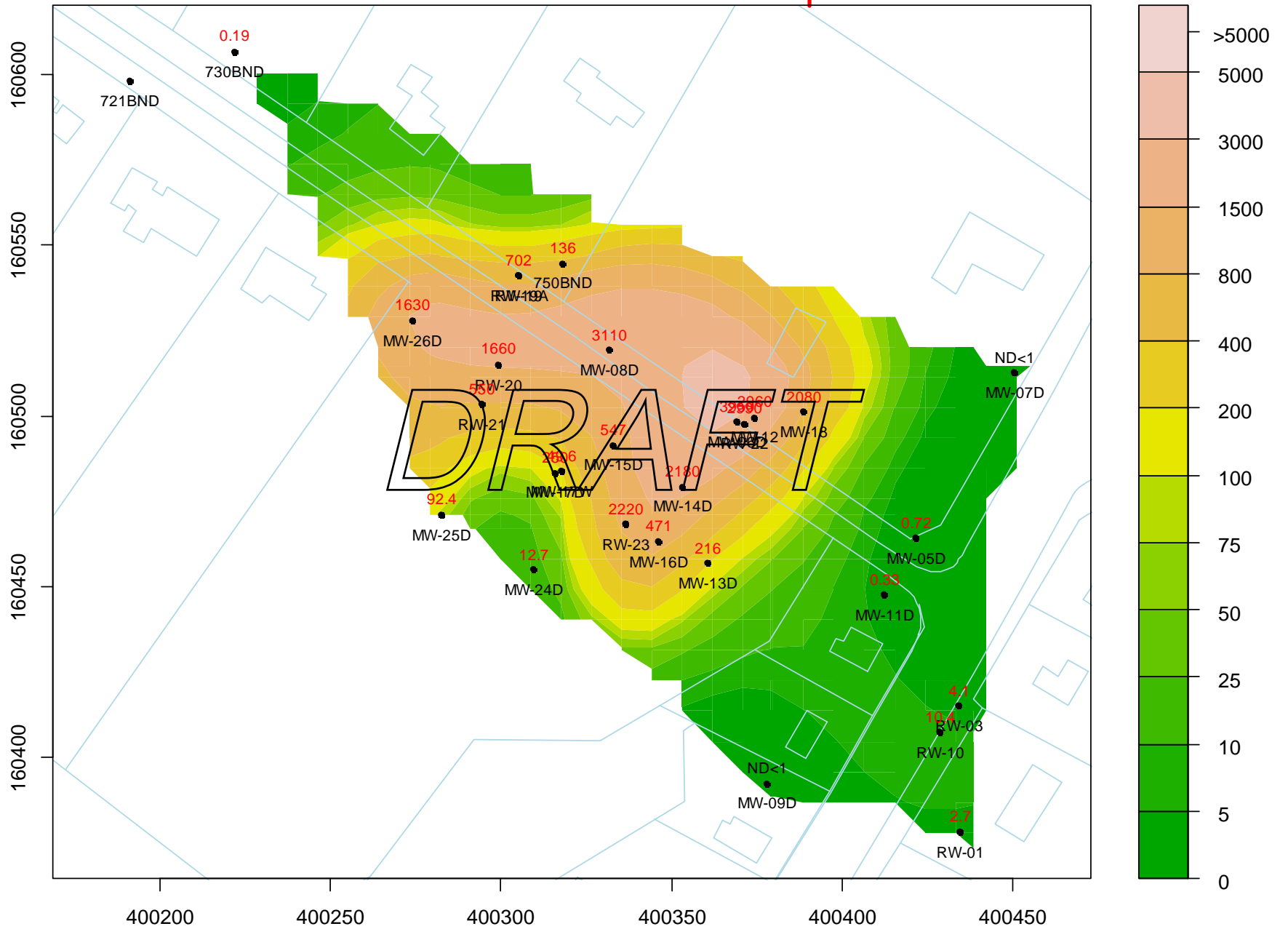
Methyltert-Butyl Ether : 25-Jun-2011 to 24-Jul-2011 : Aquifer-B



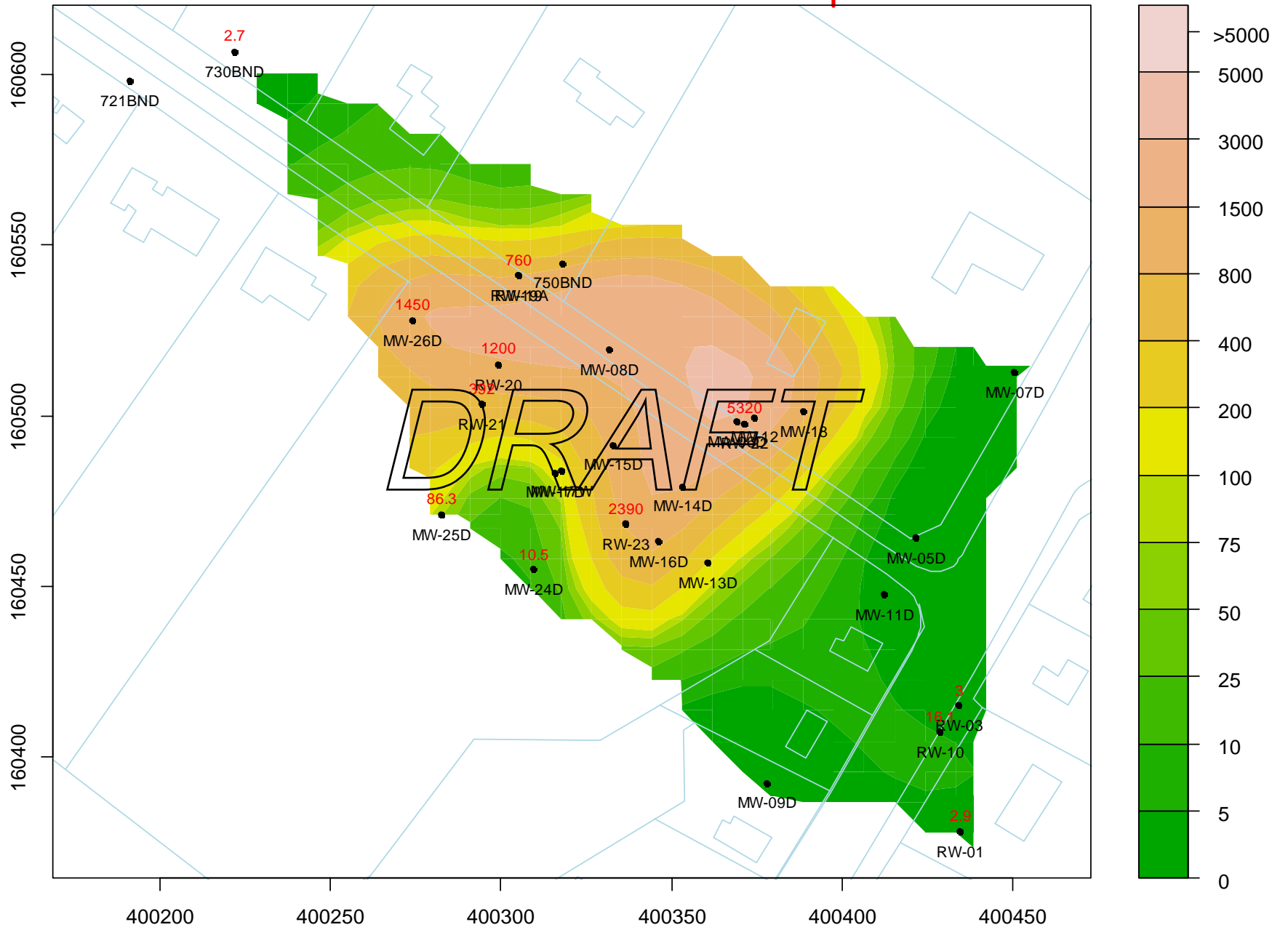
Methyltert-Butyl Ether : 25-Jul-2011 to 24-Aug-2011 : Aquifer-B



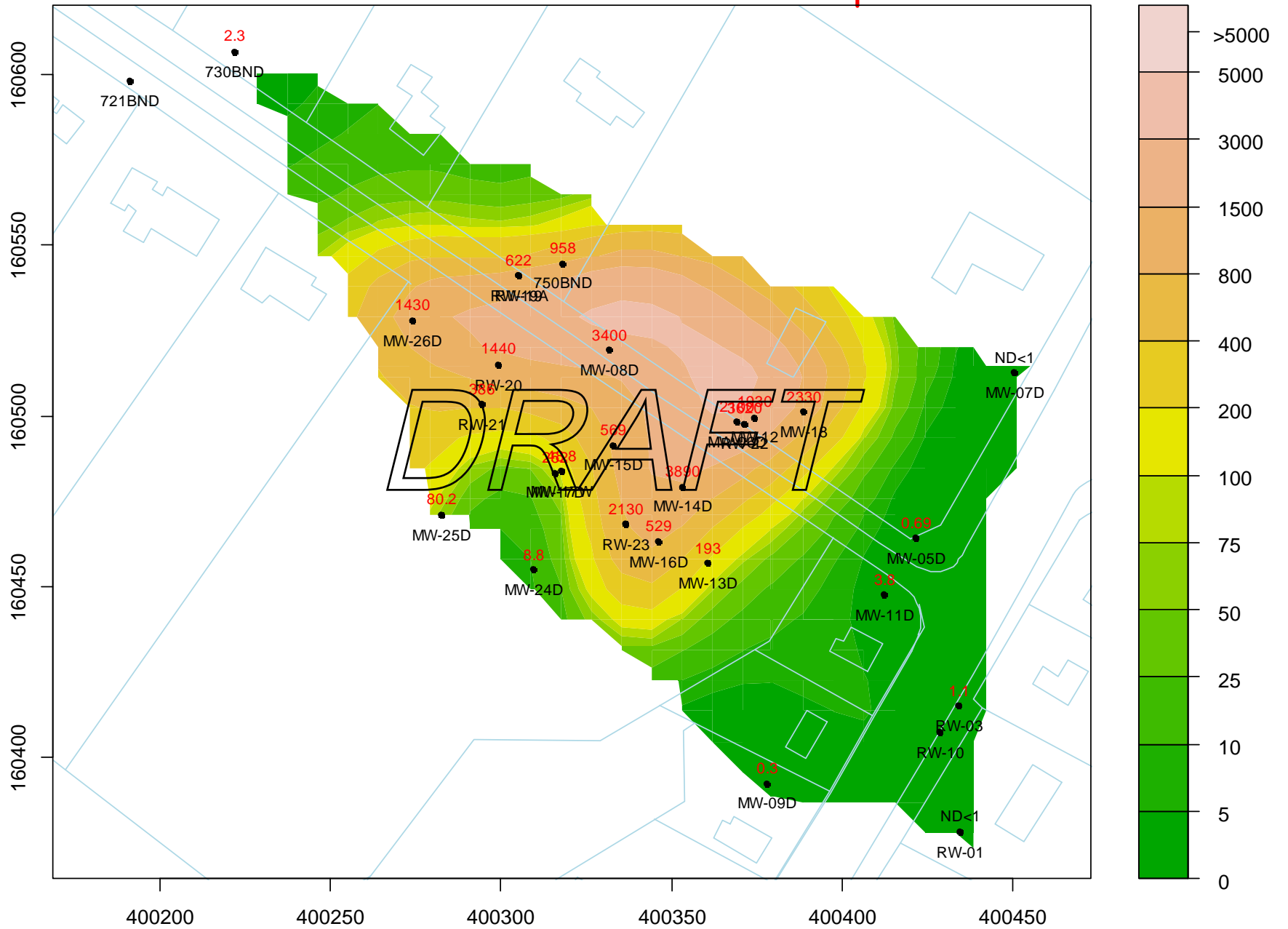
Methyltert-Butyl Ether : 25-Oct-2011 to 24-Nov-2011 : Aquifer-B



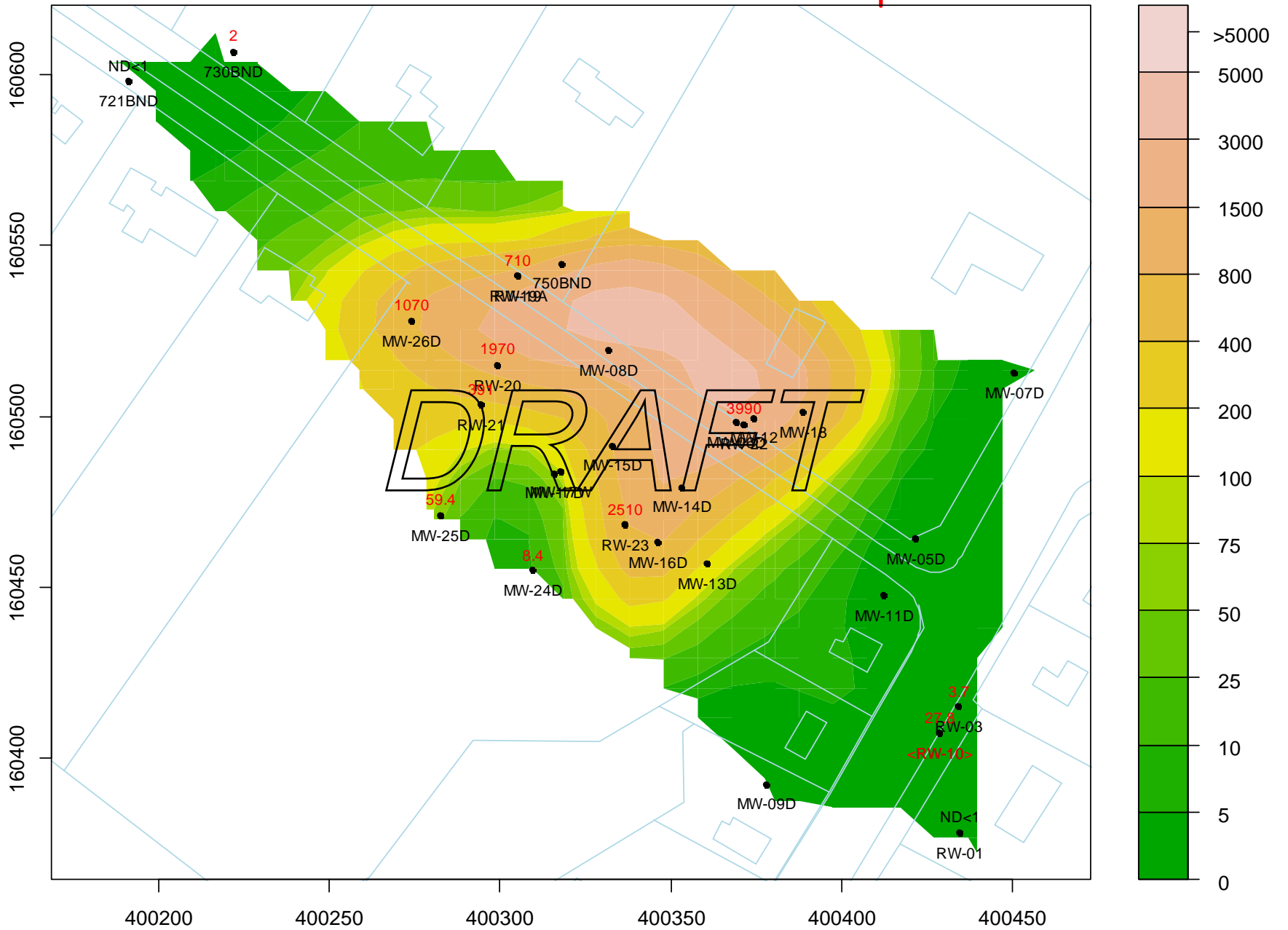
Methyltert-Butyl Ether : 25-Jan-2012 to 24-Feb-2012 : Aquifer-B



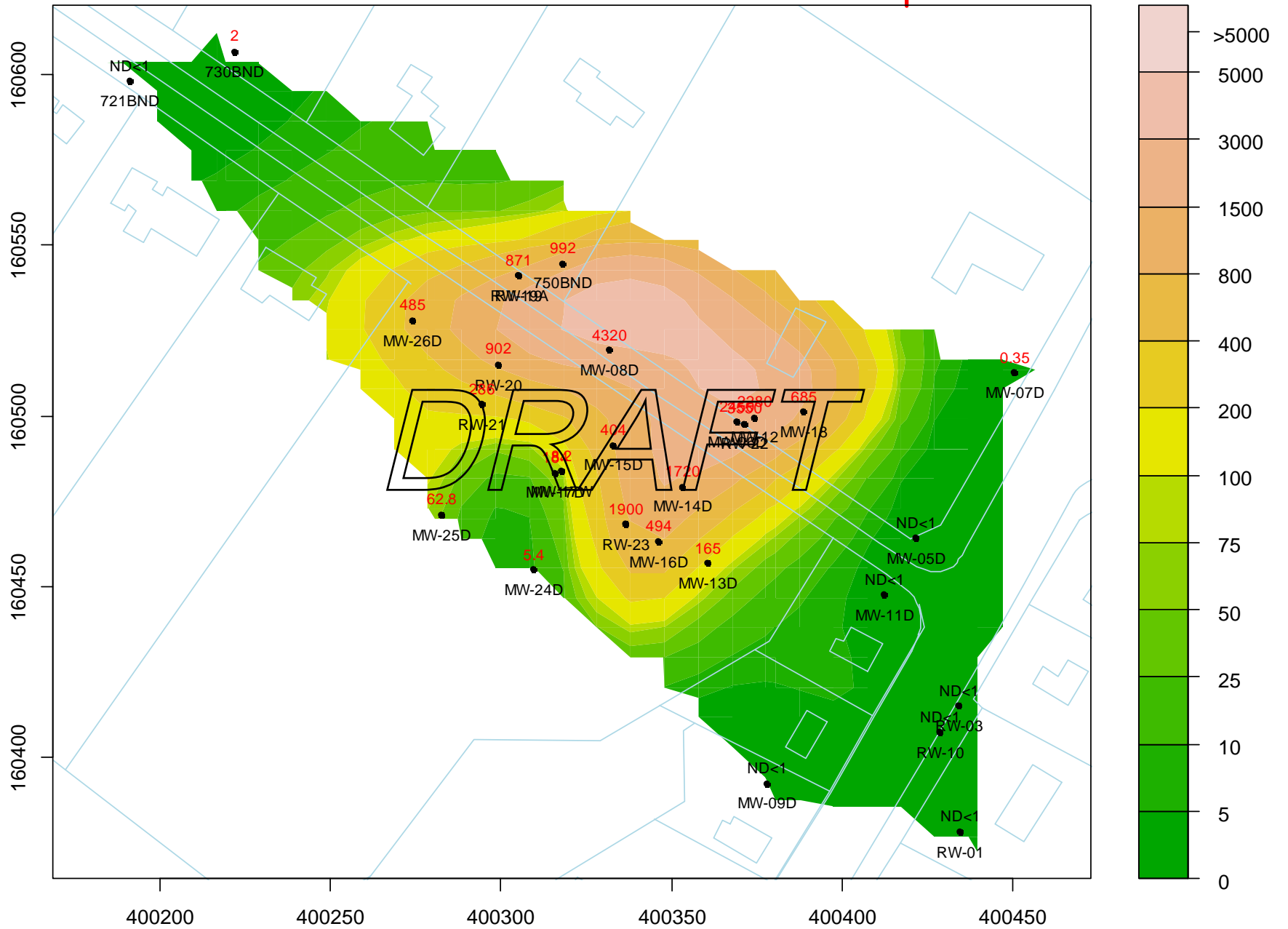
Methyltert-Butyl Ether : 25-Apr-2012 to 24-May-2012 : Aquifer-B



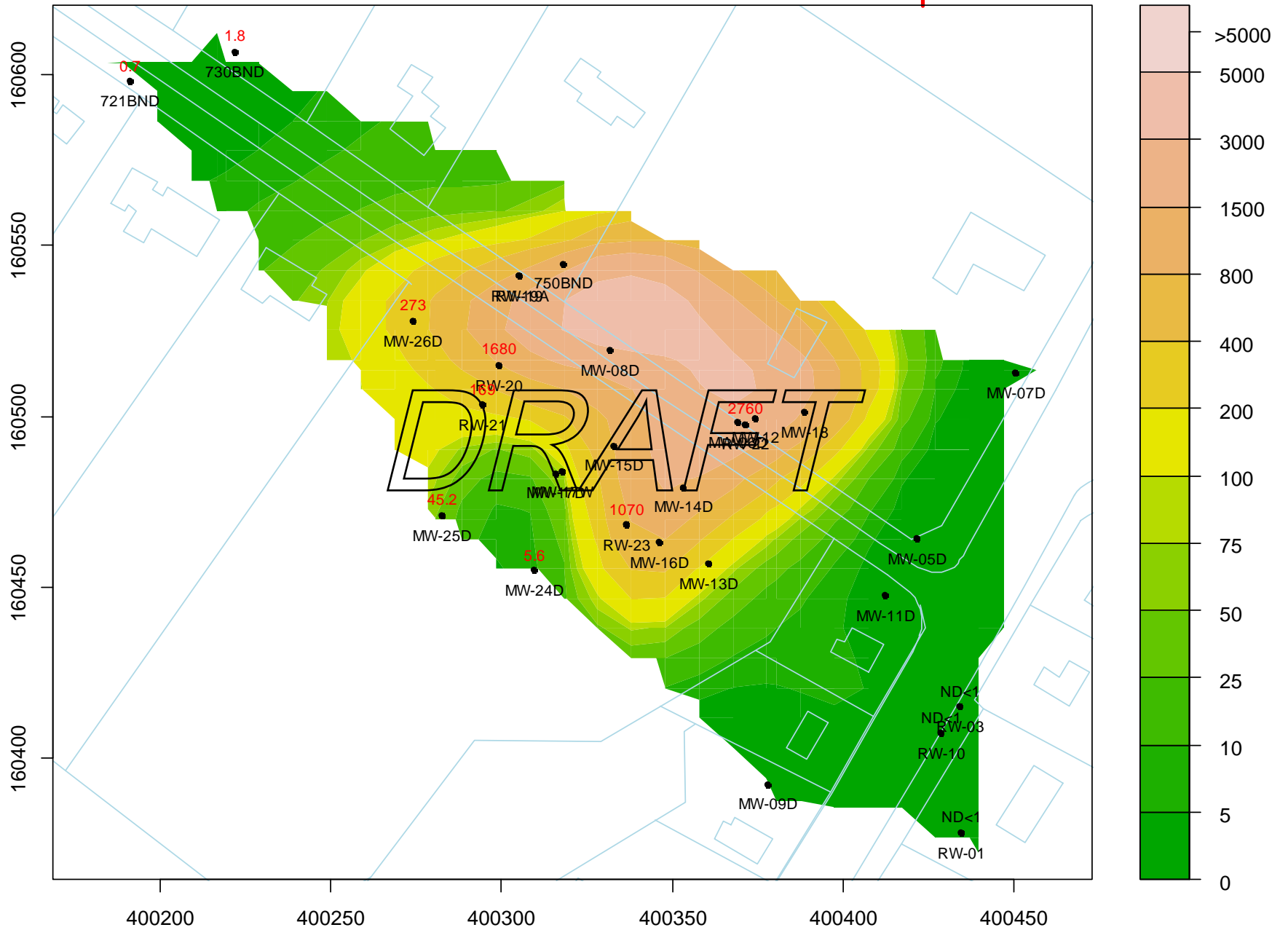
Methyltert-Butyl Ether : 25-Jul-2012 to 24-Aug-2012 : Aquifer-B



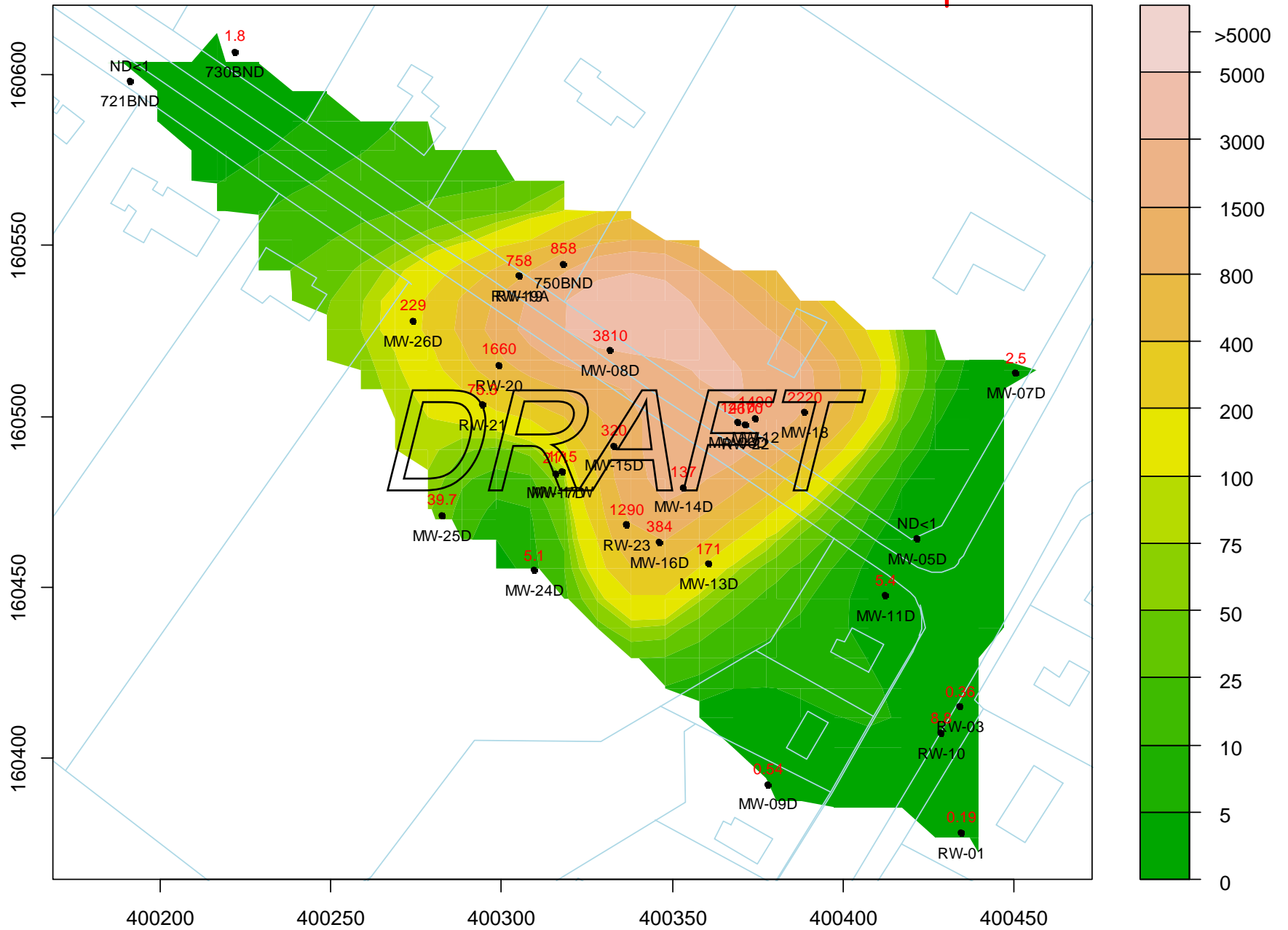
Methyltert-Butyl Ether : 25-Oct-2012 to 24-Nov-2012 : Aquifer-B



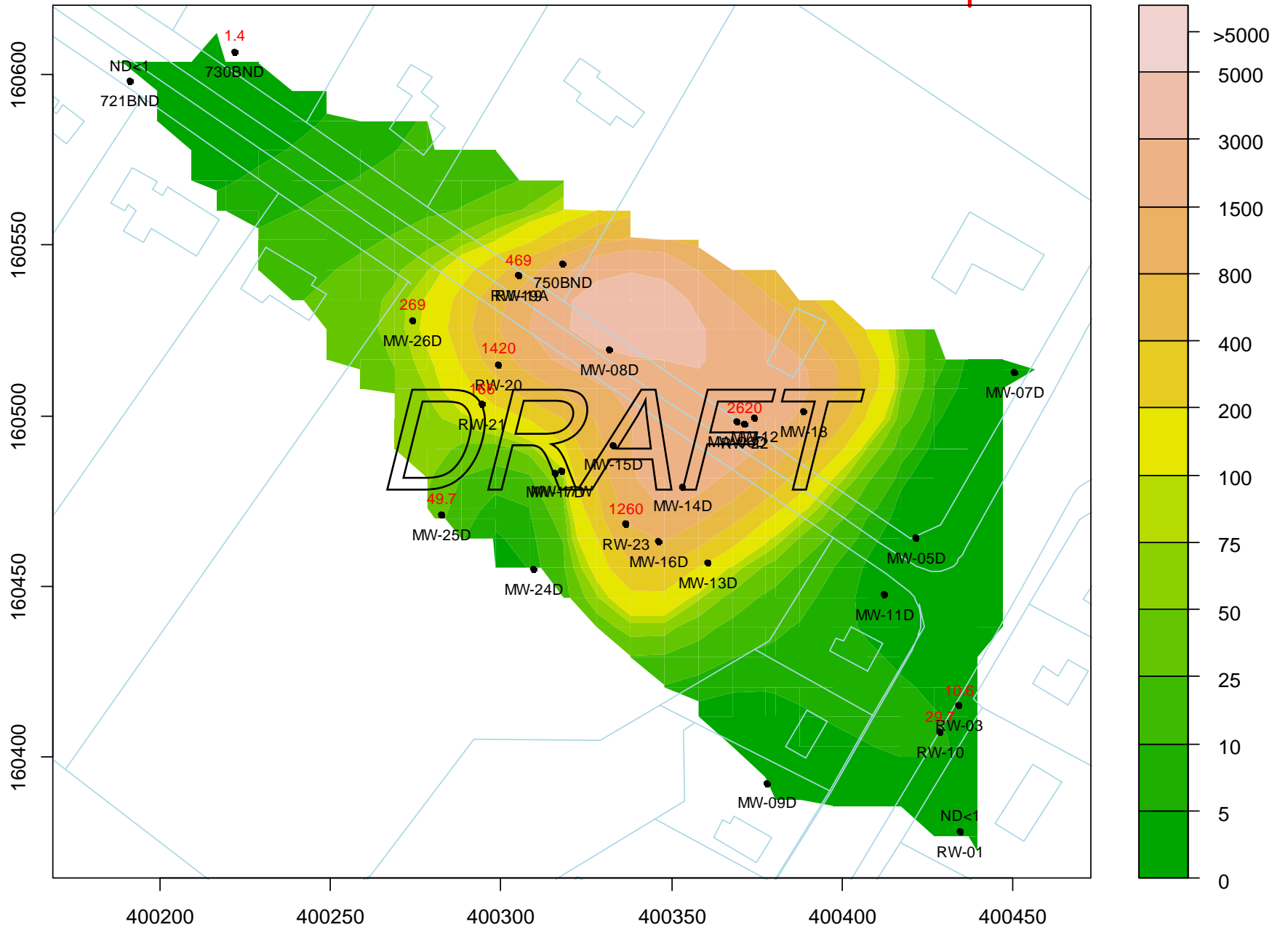
Methyltert-Butyl Ether : 25-Dec-2012 to 24-Jan-2013 : Aquifer-B



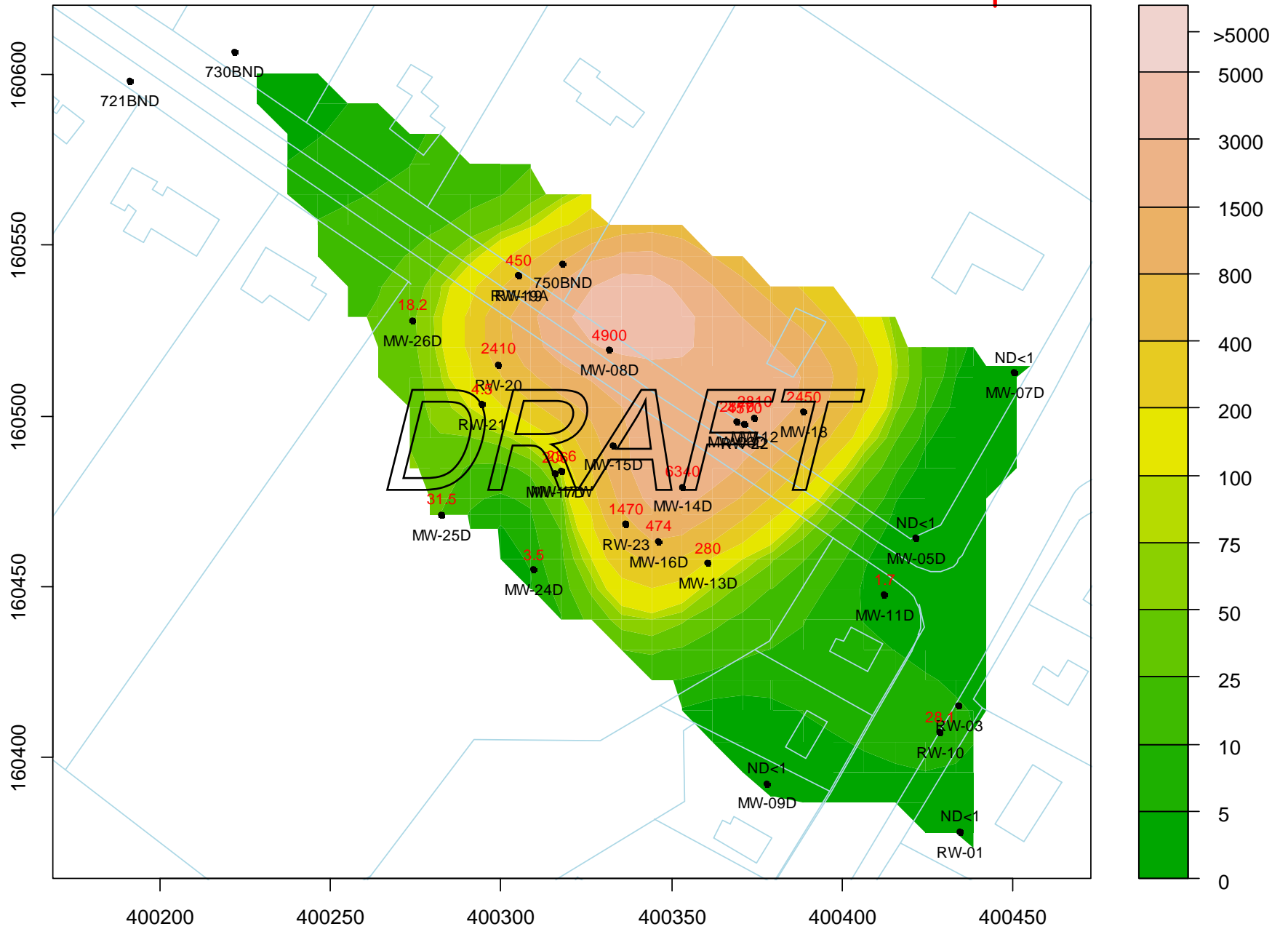
Methyltert-Butyl Ether : 25-Mar-2013 to 24-Apr-2013 : Aquifer-B



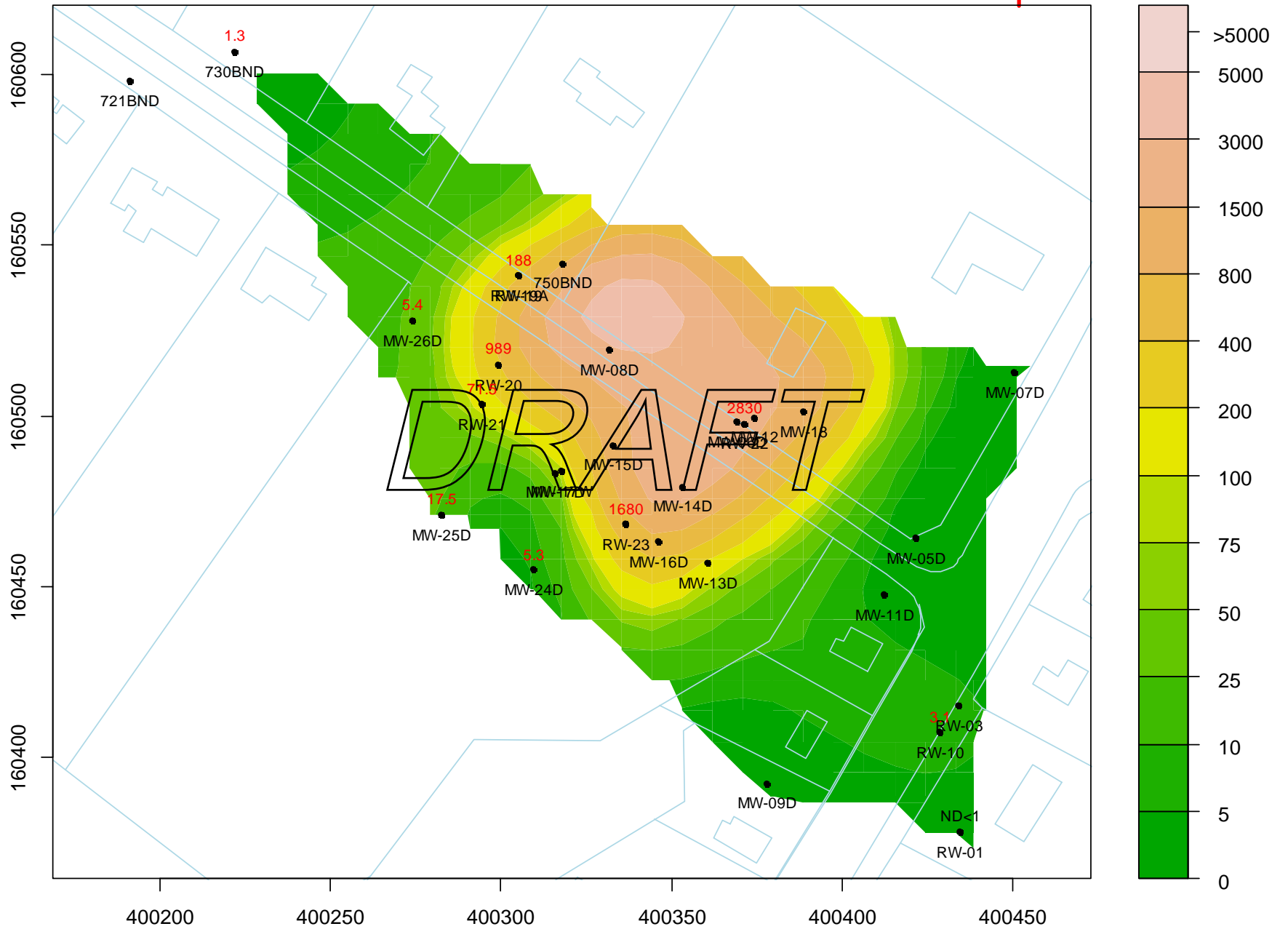
Methyltert-Butyl Ether : 25-Jun-2013 to 24-Jul-2013 : Aquifer-B



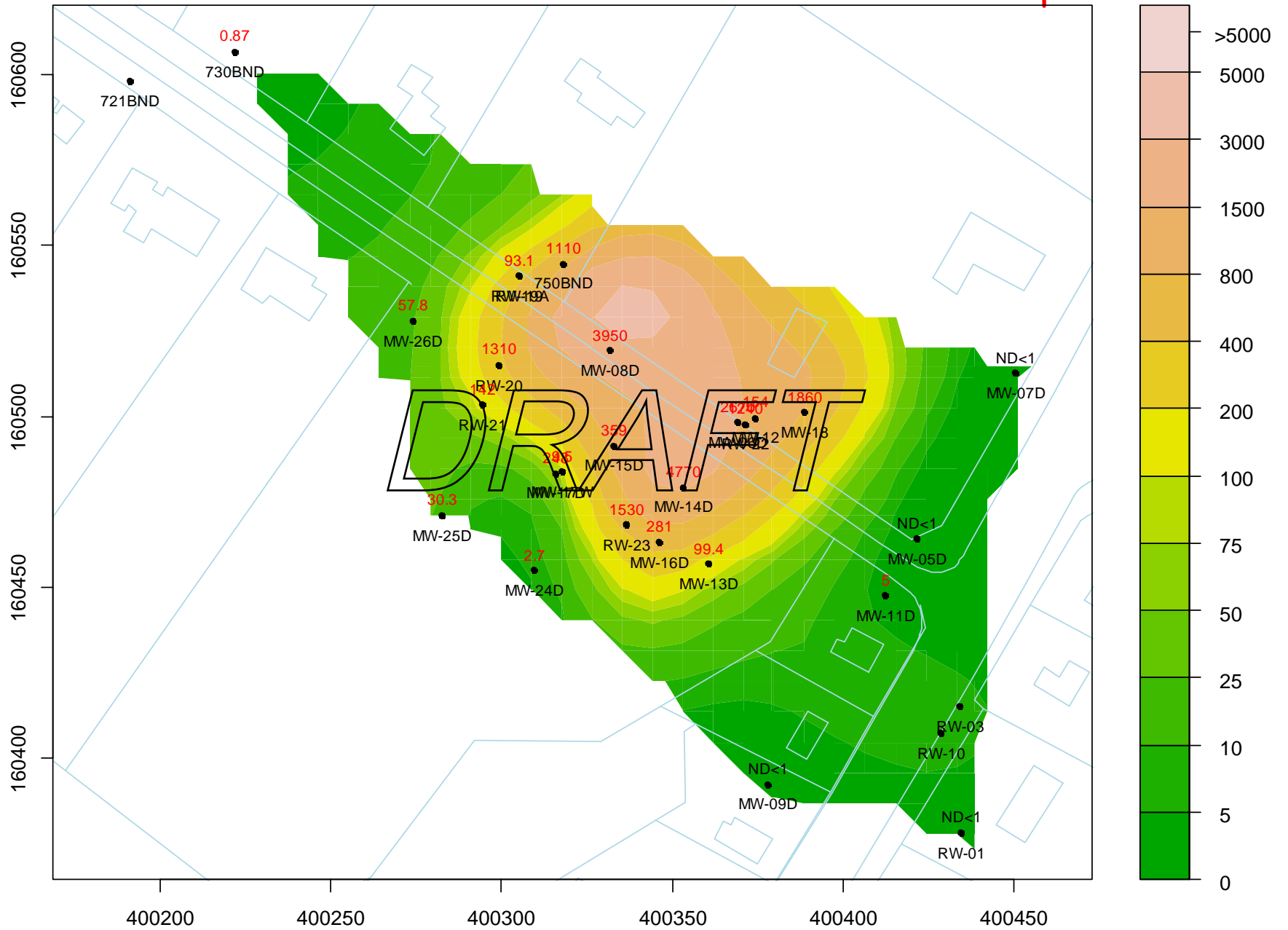
Methyltert-Butyl Ether : 25-Sep-2013 to 24-Oct-2013 : Aquifer-B



Methyltert-Butyl Ether : 25-Dec-2013 to 24-Jan-2014 : Aquifer-B



Methyltert-Butyl Ether : 25-Mar-2014 to 24-Apr-2014 : Aquifer-B



Methyltert-Butyl Ether : 25-Sep-2014 to 24-Oct-2014 : Aquifer-B

