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June 24, 2015

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KANSAS
GEOLOGIST
6-24-2015

Ms. Pamela Green
Bureau of Environmental Remediation
Kansas Department of Health & Environment
1000 SW Jackson, Suite 410
Topeka, KS 66612-1367

Dear Ms. Green:

RE: Brenntag Southwest, Wichita, KS - 1520 North Barwise
First Semi-Annual 2015, Progress Report

In accordance with the December 9, 2002, Unilateral Order (Order) issued by the Kansas Department of Health and the Environment (KDHE) to Brenntag, Inc. (Brenntag), this letter provides a semi-annual Progress Report (Progress Report) to the KDHE regarding the status of ongoing work at the Brenntag facility located at 1520 North Barwise in Wichita, Kansas (Site).

The intent of this Progress Report is to describe actions, progress, and status of projects that have been taken toward achieving compliance with the Order and to identify any requirements that were not completed and/or any potential problems.

The period of time covered by this Progress Report is January 1 to June 30, 2015. Beginning in 2013, Brenntag has collected groundwater samples on a semi-annual frequency and has provided testing results semi-annually. Sampling is scheduled for April and October and Progress Reports will be submitted on or before July 31 and January 31, respectively, for each monitoring period.

Scope of Work Performed

Monitoring wells were sampled on April 10, 2015. The monitoring well sampling field forms are provided in Attachment 1. Wells were sampled using a no-purge HydraSleeve® technique. HydraSleeve® samplers were deployed in the wells during the previous sampling event. Groundwater samples were collected in laboratory supplied sample bottles, packaged on ice with a completed chain of custody and trip blank and submitted to the analytical laboratory by overnight courier for analysis of VOCs. Samples were sent to Accutest Laboratory Southeast in Orlando, Florida (Kansas Certification Number E-10327). A two-week analytical turnaround time was requested.

The Site wells were constructed as follows:

Well Name	Screen Depth	Total Depth
MW-1s	15.0 to 25.0	25.5
MW-1d	32.0 to 37.0	37.5
MW-2s	15.0 to 25.0	25.5
MW-2d	31.0 to 36.0	36.5
MW-3s	15.0 to 25.0	25.5
MW-3d	33.0 to 38.0	38.5
MW-4s	15.0 to 25.0	25.4
MW-4d	32.5 to 37.5	38.0
MW-5s	16.0 to 26.0	26.2
MW-5d	29.0 to 34.0	34.2
MW-6s	16.0 to 26.0	26.4
MW-6d	28.0 to 33.0	33.6

Prepared by: DJD4
Checked by: RMK

Additional Work Performed

- Brenntag submitted the Second Semi-Annual 2015 Progress Report to KDHE for review on January 21, 2015. KDHE acknowledged receipt of this report and approved the document without comment in a letter dated February 4, 2015.

- Brenntag submitted the Comprehensive Investigation Report for the Site to KDHE for review on March 27, 2015. KDHE acknowledged receipt of this report and approved the document without comment in a letter dated May 29, 2015.

- Brenntag submitted the Corrective Action Study for the Site to KDHE for review on March 30, 2015. KDHE acknowledged receipt of this report and accepted it into the administrative record in a letter dated May 29, 2015. A comment provided by KDHE regarding a rounding error in Table 2 of the document was addressed and the revised report was submitted to KDHE on June 15, 2015.

Results Summary

Groundwater levels measured during this sampling event are shown in Table 1. Figure 1 presents the groundwater gradient and flow direction from the April 2015 event. Tables 2 and 3 provide a summary of the groundwater analytical results and a comparison of these results with the RSK Residential Groundwater Pathway values.

Also by request of KDHE maps of chemical distribution in groundwater from the current sampling event are presented in Figures 2 and 3.

Graphical trend analyses for each contaminant of concern in existing monitoring wells are also included in Attachment 2. The laboratory report is provided in Attachment 3.

All data were determined to be usable. Qualifiers were not added to any results. Data Validation sheets from this event are included with the analytical results in Attachment 3.

A brief discussion of the semi-annual groundwater monitoring analytical results and trend analyses are provided below.

- Groundwater flow is generally to the southeast and appears to angle more sharply to the east in the area of wells MW-5s and MW-6s.

- During this sampling event, groundwater analytical results did not exceed the Residential RSK values for groundwater in the following monitoring wells: MW-1s; MW-1d; MW-2s; MW-2d; MW-3s; MW-3d; MW-4s; and MW-4d.

- Groundwater analytical results did exceed the Residential RSK values for groundwater for one or more chemicals of concern for the following wells: MW-5s (for TCE); MW-5d (for TCE); MW-6s (for PCE and TCE); and MW-6d (for TCE).

- As shown in Figure 2, shallow-groundwater PCE concentrations in on-site monitoring wells (MW-1s, MW-2s, MW-3s, and MW-4s) range from less than 0.00078J to 0.0024 mg/L. Off-site monitoring wells (MW-5s and MW-6s) show PCE concentrations ranging from 0.0035 to 0.0424 mg/L.

- As shown in Figure 2, shallow-groundwater TCE concentrations in on-site monitoring wells range from 0.00048J to 0.0030 mg/L. Off-site monitoring wells show TCE concentrations ranging from 0.0053 to 0.0139 mg/L. Thus maximum PCE and TCE concentrations in shallow wells appear to be higher at off-site locations than at on-site locations.

- As shown in Figure 3, deep-groundwater PCE concentrations in on-site monitoring wells (MW-1d, MW-2d, MW-3d, and MW-4d) were all less than 0.001 mg/L. Off-site monitoring wells (MW-5d and MW-6d) show PCE concentrations were estimated values ranging from 0.00054J to 0.00071J mg/L. These values do not exceed Residential RSK levels.

- As shown in Figure 3, deep-groundwater TCE concentrations in on-site monitoring wells range from 0.0012 to 0.0017 mg/L. Off-site monitoring wells show TCE concentrations ranging from 0.0098 to 0.0136 mg/L. Thus TCE

concentrations in deep wells appear to be higher at off-site locations than at on-site locations.

- As shown on the Trend Analysis Graphs (Attachment 2) for MW-1s and 1d, TCE and cis-1,2-DCE are present in groundwater at the upgradient edge of Brenntag property. The concentrations of TCE and cis-1,2-DCE appear to vary together, particularly in MW-1d.

- As shown on the Trend Analysis Graphs for MW-2s and 2d, PCE is only detected in shallow groundwater and not in deep groundwater. In shallow groundwater, PCE, TCE and cis-1,2-DCE decreased after the soil removal action conducted in mid-2007. These compounds generally increased from mid-2010 to late 2011 and then have declined, but with a small increase since late 2014. PCE, TCE, and cis-1,2-DCE appear to vary together, particularly in MW-2s. In deeper groundwater, TCE shows a declining trend (except for an increase during the second semi-annual event of 2013). TCE and cis-1,2-DCE appear to show an inverse relationship.

- As shown on the Trend Analysis Graphs for MW-3s and 3d, PCE has been detected in both shallow and deeper groundwater; however recent concentrations in deeper groundwater are very low or essentially absent. In shallow groundwater, PCE, TCE and cis-1,2-DCE decreased after the soil removal action conducted in mid-2007 but has since shown some rebound. PCE, TCE, and cis-1,2-DCE appear to generally vary together but with differing amplitude, except in MW-3s in April 2015 when PCE declined sharply while TCE and cis-1,2-DCE increased, possibly indicating PCE degradation to produce TCE and DCE. In deeper groundwater, TCE, cis-1,2-DCE, and VC show variable but overall stable to declining trends.

- As shown on the Trend Analysis Graphs for MW-4s and 4d, PCE is detected only in shallow groundwater at concentrations below the maximum contaminant level (MCL). TCE and cis-1,2-DCE show similar but overall stable to declining trends. In deeper groundwater, TCE and cis-1,2-DCE show similar stable or decreasing trends.

- As shown on the Trend Analysis Graphs for MW-5s and 5d, PCE has been detected in both shallow and deeper groundwater; however, concentrations in deeper groundwater are low estimated concentrations. In shallow groundwater, TCE and cis-1,2-DCE show generally stable trends. In deeper groundwater, TCE and cis-1,2-DCE show stable or decreasing trends.

- As shown on the Trend Analysis Graphs for MW-6s and 6d, PCE is consistently detected in shallow groundwater but occurs at low estimated concentrations in deeper groundwater. In shallow groundwater, PCE has shown an increasing trend starting in mid-2011 at a concentration of 0.0101 mg/L and peaking in March

2012 at a concentration of 0.181 mg/L. Current PCE levels appear to be stable to declining. TCE and cis-1,2-DCE show similar trends that are generally stable and VC is detected at low levels in both deep and shallow groundwater.

Work Proposed

The following is proposed for the next reporting period.

- Brenntag understands that KDHE will prepare a Draft Corrective Action Decision (CAD) for public review and comment. After the CAD is made final, Brenntag will prepare a Corrective Action Work Plan for KDHE approval. The work plan will then be implemented by Brenntag.

- The groundwater monitoring wells are scheduled to be sampled during the month of October 2015. KDHE will receive a notification of field activities at least 10 working days prior to the event.

Issues/Concerns

No issues or concerns have been identified at this time.

If you have any questions or comments regarding this report, please call me at (417) 864-3621.

Sincerely,

Foth Infrastructure & Environment, LLC

Robert M. Kick, P.G.
Senior Project Manager

Dan Davis
Environmental Technician

cc: Brian Symons, P.E., Foth Infrastructure & Environment, LLC
Shawn P. Wiram, Brenntag, Inc.

Tables

Table 1
Groundwater Elevations Through April 2015
Brenntag Southwest, Inc., Wichita, KS

Well	MW-1d		MW-1s		MW-2d		MW-2s		MW-3d		MW-3s	
MP Elevation	1305.17		1305.2		1306.44		1306.54		1306.54		1306.54	
Date	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation
2/7/2008	11.95	1293.22	11.99	1293.21	13.51	1292.93	13.6	1292.94	13.5	1293.04	13.61	1292.93
5/6/2008	11.52	1293.65	11.59	1293.61	13.1	1293.34	13.22	1293.32	13.21	1293.33	13.2	1293.34
8/29/2008	10.43	1294.74	10.51	1294.69	12.03	1294.41	12.13	1294.41	12.11	1294.43	12.11	1294.43
12/22/2008	10.77	1294.40	10.83	1294.37	12.34	1294.10	12.47	1294.07	12.42	1294.12	12.4	1294.14
3/19/2009	11.26	1293.91	11.31	1293.89	12.82	1293.62	12.92	1293.62	12.89	1293.65	12.9	1293.64
6/16/2009	10.04	1295.13	10.1	1295.10	11.61	1294.83	11.71	1294.83	11.69	1294.85	11.67	1294.87
9/18/2009	10.21	1294.96	10.28	1294.92	11.79	1294.65	11.89	1294.65	11.86	1294.68	11.86	1294.68
12/23/2009	10.95	1294.22	11.01	1294.19	12.5	1293.94	12.62	1293.92	12.57	1293.97	12.58	1293.96
3/11/2010	11.27	1293.90	11.33	1293.87	12.84	1293.60	12.94	1293.60	12.91	1293.63	12.9	1293.64
6/28/2010	10.85	1294.32	10.92	1294.28	12.44	1294.00	12.54	1294.00	12.53	1294.01	12.51	1294.03
9/10/2010	11.35	1293.82	11.42	1293.78	12.92	1293.52	13.02	1293.52	12.98	1293.56	13	1293.54
12/16/2010	11.96	1293.21	12.03	1293.17	13.53	1292.91	13.64	1292.90	13.62	1292.92	13.61	1292.93
4/4/2011	12.42	1292.75	12.49	1292.71	13.91	1292.53	14.06	1292.48	14.03	1292.51	14.02	1292.52
6/7/2011	12.58	1292.59	12.63	1292.57	14.1	1292.34	14.19	1292.35	14.19	1292.35	14.15	1292.39
9/15/2011	12.82	1292.35	12.9	1292.30	14.36	1292.08	14.44	1292.10	14.43	1292.11	14.43	1292.11
12/15/2011	13	1292.17	13.04	1292.16	14.54	1291.90	14.63	1291.91	14.61	1291.93	14.59	1291.95
3/14/2012	12.91	1292.26	12.98	1292.22	14.47	1291.97	14.57	1291.97	14.57	1291.97	14.55	1291.99
6/26/2012	12.52	1292.65	12.34	1292.86	13.9	1292.54	14.04	1292.50	13.94	1292.60	13.97	1292.57
10/3/2012	12.73	1292.44	12.79	1292.41	14.26	1292.18	14.35	1292.19	14.33	1292.21	14.32	1292.22
4/23/2013	13.05	1292.12	13.15	1292.05	14.7	1291.74	14.8	1291.74	14.79	1291.75	14.72	1291.82
10/25/2013	11.8	1293.37	11.87	1293.33	13.37	1293.07	13.47	1293.07	13.44	1293.10	13.43	1293.11
4/8/2014	12.46	1292.71	12.51	1292.69	15.27	1291.17	14.05	1292.49	14.08	1292.46	14.02	1292.52
10/21/2014	12.5	1292.67	12.57	1292.63	14.03	1292.41	14.12	1292.42	14.11	1292.43	14.06	1292.48
4/10/2015	13.1	1292.07	13.2	1292.00	14.65	1291.79	14.76	1291.78	14.73	1291.81	14.71	1291.83

MP Elevation - Elevation of measuring point at top of well casing (feet above mean sea level
DTW - Depth to Water (feet below measuring point at top of well casing)
Elevation - Groundwater Elevation (feet above mean sea level)
PZ-3 was abandoned in March 2011.

Table 1
Groundwater Elevations Through April 2015
Brenntag Southwest, Inc., Wichita, KS

Well	MW-4d		MW-4s		MW-5d		MW-5s		MW-6d		MW-6s		PZ-3	
MP Elevation	1306.15		1306.17		1304.97		1304.84		1304.74		1304.74		1305.72	
Date	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation	DTW	Elevation
2/7/2008	NOT COMPLETED		NOT COMPLETED		NOT COMPLETED		NOT COMPLETED		NOT COMPLETED		NOT COMPLETED		13.25	1292.47
5/6/2008													12.87	1292.85
8/29/2008													11.78	1293.94
12/22/2008													12.07	1293.65
3/19/2009													12.58	1293.14
6/16/2009													11.35	1294.37
9/18/2009													11.53	1294.19
12/23/2009													12.28	1293.44
3/11/2010													12.61	1293.11
6/28/2010													12.24	1293.48
9/10/2010													12.7	1293.02
12/16/2010													13.33	1292.39
4/4/2011	13.66	1292.49	13.68	1292.49	12.95	1292.02	12.96	1291.88	12.9	1291.84	12.86	1291.88	ABANDONED	
6/7/2011	13.8	1292.35	13.83	1292.34	13.08	1291.89	13.08	1291.76	13.01	1291.73	12.99	1291.75		
9/15/2011	14.07	1292.08	14.09	1292.08	13.35	1291.62	13.34	1291.50	13.28	1291.46	13.27	1291.47		
12/15/2011	14.23	1291.92	14.26	1291.91	13.52	1291.45	13.52	1291.32	13.44	1291.30	13.43	1291.31		
3/14/2012	14.18	1291.97	14.2	1291.97	13.47	1291.50	13.47	1291.37	14.7	1290.04	13.38	1291.36		
6/26/2012	13.59	1292.56	13.61	1292.56	12.91	1292.06	12.92	1291.92	12.89	1291.85	12.86	1291.88		
10/3/2012	13.97	1292.18	13.99	1292.18	13.24	1291.73	13.25	1291.59	13.21	1291.53	13.19	1291.55		
4/23/2013	14.39	1291.76	14	1292.17	13.68	1291.29	13.47	1291.37	13.63	1291.11	13.61	1291.13		
10/25/2013	13.06	1293.09	13.08	1293.09	13.71	1291.26	13.7	1291.14	12.37	1292.37	13.6	1291.14		
4/8/2014	13.7	1292.45	15.01	1291.16	14.27	1290.70	14.29	1290.55	12.94	1291.80	12.94	1291.80		
10/21/2014	13.72	1292.43	13.77	1292.40	13.01	1291.96	13.04	1291.80	12.96	1291.78	12.94	1291.80		
4/10/2015	14.33	1291.82	14.73	1291.44	13.65	1291.32	13.63	1291.21	13.55	1291.19	13.54	1291.20		

MP Elevation - Elevat
DTW - Depth to Wate
Elevation - Groundwa
PZ-3 was abandoned

Prepared by: DJD
Checked by: RMK

Table 2-MW-1D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D		
		Date	2/7/2008			5/6/2008			8/29/2008			12/22/2008			3/19/2009			6/19/2009			9/18/2009			12/23/2009			3/11/2010			6/28/2010			9/10/2010			12/16/2010		
		sys_sample_code	MW-1D_02_07_2008			MW-1D_05_06_2008			MW-1D_08_29_2008			MW-1D_12_22_2008			MW-1D_03_19_2009			MW-1D_06_19_2009			MW-1D_09_18_2009			MW-1D_12_23_2009			MW-1D_03_11_2010			MW-1D_06_28_2010			MW-1D_09_10_2010			MW-1D_12_16_2010		
		Sample Type	N			N			N			N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00062	J		< 0.001	U		< 0.001	U		0.00023	J		0.00064	J	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0018			0.00125			0.0013			< 0.001	U		< 0.001	U		< 0.001	U		0.00062	J	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.005	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0158			0.0091			0.0233			0.0187			0.0311			0.0631			0.0392			0.0466			0.0103			0.0113			0.0142			0.027		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00022	J	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	0.0012			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	0.0013			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0021			< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0156			0.0091			0.023			0.0185			0.0307			0.0623			0.0386			0.046			0.0103			0.0111			0.014			0.0265		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.0002	J		< 0.001	U		0.00027	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00066	J		< 0.001	U		< 0.001	U		< 0.001	U		0.00048	J	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.002			0.0014			0.0031			0.0018			0.0016			0.0022			0.00189			0.0018			0.00055	J		0.00068	J		0.00079	J		0.0016		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	0.0017			0.00133			0.00074	J		< 0.001	U		< 0.001	U		< 0.001	U		0.00068	J	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-1D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D			MW-1D		
		Date	4/4/2011			6/7/2011			9/15/2011			12/15/2011			3/14/2012			6/26/2012			10/3/2012			4/23/2013			10/25/2013			4/8/2014			10/21/2014			4/10/2015		
		sys_sample_code	MW-1D BAG_04_04_2011			MW-1D BAG_06_07_2011			MW-1D_09_15_2011			MW-1D_12_15_2011			MW-1D_03_14_2012			MW-1D_06_26_2012			MW-1D_10_03_2012			MW-1D_04_23_2013			MW-1D_10_25_2013			MW-1D_04_08_2014			MW-1D_10_21_2014			MW-1D		
		Sample Type	N			N			N			N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00031	J		0.00041	J		0.00059	J		0.0005	J		0.00042	J		0.00047	J		0.0006	J		0.00062	J		0.00057	J		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethene	0.007	mg/L	0.00025	J		< 0.001	U		0.00044	J		0.00032	J		0.00032	J		< 0.001	U		0.00038	J		0.00043	J		0.00046	J		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0114			0.0105			0.0169			0.0136			0.0142			0.0131			0.0166			0.0189			0.0141			0.0047			0.0036			0.0064		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00023	J		0.00028	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00024	J		0.00021	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0114			0.0105			0.0165			0.0133			0.0139			0.0131			0.0163			0.0185			0.0137			0.0047			0.0036			0.0064		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	UJ	< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00032	J		0.00038	J		0.00034	J		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.0011			0.00099	J		0.0018			0.0018			0.0015			0.0017			0.0021			0.0017			0.0017			0.0011			0.001			0.0013		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		0.00035	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-1S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S		
		Date	2/7/2008			5/6/2008			8/29/2008			12/22/2008			3/19/2009			6/19/2009			9/18/2009			12/23/2009			3/11/2010			6/28/2010			9/10/2010			12/16/2010		
		sys_sample_code	MW-1S_02_07_2008			MW-1S_05_06_2008			MW-1S_08_29_2008			MW-1S_12_22_2008			MW-1S_03_19_2009			MW-1S_06_19_2009			MW-1S_09_18_2009			MW-1S_12_23_2009			MW-1S_03_11_2010			MW-1S_06_28_2010			MW-1S_09_10_2010			MW-1S_12_16_2010		
		Sample Type	N			N			N			N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.005	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0022			0.0063			< 0.001	U		< 0.001	U		0.0083			0.0025			< 0.001	U		0.0014	J		0.0032			< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		0.0019			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		0.0016			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0022			0.0063			< 0.001	U		< 0.001	U		0.0081			0.0025			< 0.001	U		0.0014			0.0032			0.00047	J		0.00061	J		0.00059	J	
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.002			0.0025			0.001			0.0011			0.0019			< 0.001	U		< 0.001	U		0.00075	J		0.00097	J		0.00056	J		0.00051	J		0.00054	J	
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-1S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S			MW-1S		
		Date	4/4/2011			6/7/2011			9/15/2011			12/15/2011			3/14/2012			6/26/2012			10/3/2012			4/23/2013			10/25/2013			4/8/2014			10/21/2014			4/10/2015		
		sys_sample_code	MW-1S BAG_04_04_2011			MW-1S BAG_06_07_2011			MW-1S_09_15_2011			MW-1S_12_15_2011			MW-1S_03_14_2012			MW-1S_06_26_2012			MW-1S_10_03_2012			MW-1S_04_23_2013			MW-1S_10_25_2013			MW-1S_04_08_2014			MW-1S_10_21_2014			MW-1S		
		Sample Type	N			N			N			N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00027	J		0.00043	J		0.00038	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0032			0.001	J		0.0011	J		< 0.002	U		0.0012	J		0.0015	J		0.0016	J		0.002			0.0014	J		0.0011	J		< 0.002	U		0.0015	J	
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0032			0.001			0.0011			0.00053	J		0.0012			0.0015			0.0016			0.002			0.0014			0.0011			< 0.001	U		0.0015		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	UJ	< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.0011			0.00065	J		0.00098	J		0.0014			0.0026			0.0037			0.0032			0.0025			0.003			0.00094	J		0.00082	J		0.0011		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-2D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D		
		Date	2/7/2008			5/6/2008			8/29/2008			12/22/2008			3/19/2009			3/19/2009			6/19/2009			6/19/2009		
		sys_sample_code	MW-2D_02_07_2008			MW-2D_05_06_2008			MW-2D_08_29_2008			MW-2D_12_22_2008			MW-2D_03_19_2009			BLIND DUPLICATE_03_19_2009			MW-2D_06_19_2009			BLIND DUPLICATE_06_19_2009		
		Sample Type	N			N			N			N			N			FD			N			FD		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0269			0.011			0.0421			0.0177			0.0406			0.046			0.0431			0.0387		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
Acetone	11.5	mg/L	< 0.01	U		0.0407			< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Carbon Disulfide	0.716	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroform	0.08	mg/L	< 0.001	U		0.0014			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U	R	< 0.001	U		< 0.001	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0265			0.011			0.0414			0.0174			0.04			0.0453			0.0425			0.0382		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U	R	< 0.001	U		< 0.001	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	0.0038			0.0018			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00043	J		< 0.001	U		0.00073	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0073**			**0.012**			**0.0151**			**0.0112**			**0.006**			**0.0069**			0.0042			0.0037		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U	R	< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-2D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D		
		Date	9/18/2009			9/18/2009			12/23/2009			3/11/2010			6/28/2010			9/10/2010			12/16/2010			4/4/2011			6/7/2011			9/15/2011		
		sys_sample_code	MW-2D_09_18_2009			BLIND DUP_09_18_2009			MW-2D_12_23_2009			MW-2D_03_11_2010			MW-2D_06_28_2010			MW-2D_09_10_2010			MW-2D_12_16_2010			MW-2D BAG_04_04_2011			MW-2D BAG_06_07_2011			MW-2D_09_15_2011		
		Sample Type	N			FD			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	< 0.001	U		< 0.001	U		0.00059	J		0.0004	J		0.00038	J		0.00041	J		0.00036	J		0.00061	J		0.00071	J		0.00076	J	
1,1-Dichloroethene	0.007	mg/L	0.00105			< 0.001	U		0.0011			0.00049	J		< 0.001	U		< 0.001	U		0.00035	J		0.00082	J		0.00074	J		0.001		
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.005	U		< 0.005	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0389			0.0332			0.0452			0.0233			0.0113			0.0148			0.014			0.0322			0.0329			0.0443		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.05	U		< 0.05	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.05	U		< 0.05	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.01	U		< 0.01	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.05	U		< 0.05	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00024	J		0.00025	J		0.00034	J	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00023	J	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		0.00027	J		0.00038	J		0.00039	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0382			0.0321			0.0443			0.0231			0.011			0.0145			0.0138			0.0317			0.0323			0.0436		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.005	U		< 0.005	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		0.00115			0.00091	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00051	J		0.00054	J		0.00069	J	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.00522**			0.00492			0.0048			**0.0051**			**0.0071**			**0.0072**			0.0048			0.0039			0.0036			0.0037		
Vinyl Chloride	0.002	mg/L	0.00124			0.00105			0.001			0.00057	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0009	J		0.00078	J		0.0011		
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-2D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D			MW-2D		
		Date	12/15/2011			3/14/2012			6/26/2012			10/3/2012			4/23/2013			10/25/2013			4/8/2014			10/21/2014			4/10/2015		
		sys_sample_code	MW-2D_12_15_2011			MW-2D_03_14_2012			MW-2D_06_26_2012			MW-2D_10_03_2012			MW-2D_04_23_2013			MW-2D_10_25_2013			MW-2D_04_08_2014			MW-2D_10_21_2014			MW-2D		
		Sample Type	N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00064	J		0.00064	J		0.00073	J		0.00072	J		0.00065	J		0.0006	J		0.00039	J		0.00042	J		0.00032	J	
1,1-Dichloroethene	0.007	mg/L	0.00078	J		0.00078	J		0.0011			0.0011			0.00099	J		0.00038	J		0.00035	J		0.00058	J		0.00045	J	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0341			0.0345			0.0479			0.0427			0.0473			0.0252			0.0163			0.0252			0.0201		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	0.0003	J		0.00023	J		0.00027	J		0.0004	J		0.00028	J		0.00023	J		< 0.001	U		0.00024	J		0.00023	J	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		0.0005	J		< 0.002	U		0.0008	J		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	0.00023	J		< 0.001	U		0.00025	J		0.00029	J		0.00033	J		< 0.001	U		< 0.001	U		< 0.001	U		0.00023	J	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0334			0.0339			0.0472			0.0419			0.0466			0.0246			0.0163			0.0246			0.0196		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	UJ	< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00064	J		0.00057	J		0.00071	J		0.00072	J		0.00074	J		0.00058	J		< 0.001	U		0.00052	J		0.00052	J	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.0035			0.0025			0.002			0.0021			0.0014			**0.005**			0.0025			0.0014			0.0015		
Vinyl Chloride	0.002	mg/L	0.00047	J		0.00079	J		0.00093	J		0.00093	J		0.0012			0.00093	J		0.00074	J		0.0016			0.00063	J	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-2S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S		
		Date	2/7/2008			2/7/2008			5/6/2008			5/6/2008			8/29/2008			8/29/2008			12/22/2008			12/22/2008			3/19/2009		
		sys_sample_code	MW-2S_02_07_2008			BLIND DUPLICATE_02_07_2008			MW-2S_05_06_2008			BLIND DUP_05_06_2008			MW-2S_08_29_2008			BLIND DUP_08_29_2008			MW-2S_12_22_2008			BLIND DUP_12_22_2008			MW-2S_03_19_2009		
		Sample Type	N			FD			N			FD			N			FD			N			FD			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.0074			0.0069			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0014			0.0014			< 0.001	U	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0539			0.0498			0.0053			0.0047			0.0027			0.0017			0.0101			0.0103			< 0.001	U	
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
Acetone	11.5	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Carbon Disulfide	0.716	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R
cis-1,2-Dichloroethene	0.07	mg/L	0.053			0.0491			0.0053			0.0047			0.0027			0.0017			0.0099			0.0101			< 0.001	U	
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.103**			**0.0947**			**0.0284**			**0.0241**			**0.0192**			**0.0167**			**0.0289**			**0.0289**			**0.0194**		
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00094	J		0.00079	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0099**			**0.0091**			0.0033			0.0031			0.0037			0.0025			0.0029			0.003			0.0011		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-2S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S		
		Date	6/19/2009			9/18/2009			12/23/2009			3/11/2010			6/28/2010			9/10/2010			12/16/2010			4/4/2011			6/7/2011			9/15/2011		
		sys_sample_code	MW-2S_06_19_2009			MW-2S_09_18_2009			MW-2S_12_23_2009			MW-2S_03_11_2010			MW-2S_06_28_2010			MW-2S_09_10_2010			MW-2S_12_16_2010			MW-2S BAG_04_04_2011			MW-2S BAG_06_07_2011			MW-2S_09_15_2011		
		Sample Type	N			N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00044	J	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0003	J		< 0.001	U		0.00033	J		0.00028	J		0.0016		
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.0025	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.0025	U		< 0.005	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		0.0022			0.0018	J		0.0026			0.0023			0.0247		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.01	U		< 0.05	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.05	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.01	U		< 0.01	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.01	U		< 0.05	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.005	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00069	J	
Chloromethane	0.127	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	< 0.001	U		< 0.001	U		0.00042	J		< 0.001	U		0.00052	J		0.0022			0.0018			0.0026			0.0023			0.0242		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.001	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.01	U		< 0.005	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.0181**			**0.00646**			**0.007**			0.0041			0.0045			**0.0064**			**0.0073**			**0.0079**			**0.0053**			**0.0217**		
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00047	J	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.001			< 0.001	U		0.00058	J		0.00033	J		0.00047	J		0.0013			0.00089	J		0.0013			0.0016			**0.0158**		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-2S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S			MW-2S		
		Date	12/15/2011			3/14/2012			6/26/2012			10/3/2012			4/23/2013			10/25/2013			4/8/2014			10/21/2014			4/10/2015		
		sys_sample_code	MW-2S_12_15_2011			MW-2S_03_14_2012			MW-2S_06_26_2012			MW-2S_10_03_2012			MW-2S_04_23_2013			MW-2S_10_25_2013			MW-2S_04_08_2014			MW-2S_10_21_2014			MW-2S		
		Sample Type	N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	0.00057	J		0.0003	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.0022			0.0012			0.0012			0.00039	J		0.00035	J		0.00029	J		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0318			0.0202			0.016			0.0039			0.0051			0.0014	J		< 0.002	U		< 0.002	U		0.00056	J	
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	0.00076	J		0.0004	J		0.00037	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0311			0.0198			0.016			0.0039			0.0051			0.0014			0.00038	J		0.00048	J		0.00056	J	
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	UJ	< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.0575**			**0.0454**			**0.0464**			**0.0116**			**0.0121**			**0.0051**			0.0024			0.00068	J		0.0024		
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00066	J		0.00041	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0082**			0.0048			**0.0052**			0.0034			0.0033			0.0041			0.0019			0.0024			0.0019		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-3D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D		
		Date	2/7/2008			5/6/2008			8/29/2008			12/22/2008			3/19/2009			6/19/2009			9/18/2009			12/23/2009			3/11/2010			3/11/2010			6/28/2010		
		sys_sample_code	MW-3D_02_07_2008			MW-3D_05_06_2008			MW-3D_08_29_2008			MW-3D_12_22_2008			MW-3D_03_19_2009			MW-3D_06_19_2009			MW-3D_09_18_2009			MW-3D_12_23_2009			MW-3D_03_11_2010			BLIND DUPLICATE_03_11_2010			MW-3D_06_28_2010		
		Sample Type	N			N			N			N			N			N			N			N			N			FD			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0012			0.0011			< 0.001	U		0.00095	J		0.00048	J		0.00073	J		0.00062	J	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		0.0018			0.0016			0.0017			0.0024			0.0021			< 0.001	U		0.0021			0.00055	J		0.0015			0.0011		
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	UJ	< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.005	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0012			< 0.001	U		0.00044	J		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0175			0.0631			0.0623			0.0722			0.112			0.116			0.0321			0.0976			0.0307		J	0.0824		J	0.0511		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	UJ	< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00062	J		< 0.001	U		0.0005	J		0.00036	J	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	0.0016			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ
Bromomethane	0.00702	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	0.0019			< 0.001	U		0.0018			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	0.0013			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00027	J		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0172			0.0615			0.0611			**0.0708**			**0.11**			**0.113**			0.0314			**0.0946**		J	0.0301		J	**0.0809**		J	0.0498		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ
Dibromomethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U		< 0.001	U	UJ
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.006**			0.0012			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00032	J		0.0016			0.0012			0.0013			0.0024			0.0027			< 0.001	U		0.003			0.00057	J		0.0015			0.0013		
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ
Trichloroethene	0.005	mg/L	0.0047			**0.0116**			**0.0095**			**0.0069**			**0.0065**			**0.0061**			0.0034			0.004			0.0023			0.0032			0.0036		
Vinyl Chloride	0.002	mg/L	< 0.001	U		0.0018			0.0017			**0.0022**			**0.0029**		J	**0.0027**			0.00104			**0.0028**			0.00096	J		**0.0024**			0.0014		
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	UJ	< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-3D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D		
		Date	9/10/2010			12/16/2010			4/4/2011			4/4/2011			4/4/2011			6/7/2011			6/7/2011			9/15/2011			12/15/2011			3/14/2012			6/26/2012		
		sys_sample_code	MW-3D_09_10_2010			MW-3D_12_16_2010			MW-3D BAG_04_04_2011			BLIND DUPLICATE_02_04_04_2011			MW-3D PUMP_04_04_2011			MW-3D BAG_06_07_2011			MW-3D PUMP_06_07_2011			MW-3D_09_15_2011			MW-3D_12_15_2011			MW-3D_03_14_2012			MW-3D_06_26_2012		
		Sample Type	N			N			N			FD			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00068	J		0.00054	J		0.0004	J		0.00075	J		0.0006	J		0.00065	J		0.00068	J		0.00064	J		0.00046	J		0.00035	J		0.00067	J	
1,1-Dichloroethene	0.007	mg/L	0.0012			0.0012			0.00059	J		0.0014			0.0011			0.0011			0.0011			0.0014			0.0011			0.00048	J		0.0015		
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0554		J	0.0529			0.0296			0.059			0.0487			0.0573			0.0525			0.0536			0.0457			0.0221			0.0728		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	0.00041	J		0.00026	J		< 0.001	U		0.00041	J		0.00033	J		0.00035	J		0.00034	J		0.00032	J		0.00026	J		< 0.001	U		0.00035	J	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		0.00053	J		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0544		J	0.0521		J	0.0291			0.058			0.0478			0.0564			0.0516			0.0526			0.0448			0.0217			**0.0714**		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	< 0.001	U		< 0.001	U		0.00026	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		0.00035	J		0.00035	J		< 0.001	U		0.00036	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.001			0.00083	J		0.00051	J		0.001			0.00089	J		0.0009	J		0.00087	J		0.00099	J		0.0009	J		0.00043	J		0.0015		
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.0037			0.0027			0.0026			**0.005**			0.0041			0.0029			0.0035			0.0034			0.0028			0.0025			0.002		
Vinyl Chloride	0.002	mg/L	0.0018			0.0015			< 0.001	U		0.0016			0.0012			0.0012			0.0015			0.0016			0.0012			< 0.001	U		**0.002**		
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-3D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D			MW-3D		
		Date	10/3/2012			10/3/2012			4/23/2013			4/23/2013			10/25/2013			10/25/2013			4/8/2014			4/8/2014			10/21/2014			10/21/2014			4/10/2015			4/10/2015		
		sys_sample_code	MW-3D_10_03_2012			BLIND DUP-D_10_03_2012			MW-3D_04_23_2013			BLIND DUP-D_04_23_2013			MW-3D_10_25_2013			BLIND DUP D_10_25_2013			MW-3D_04_08_2014			BLIND DUP-D_04_08_2014			MW-3D_10_21_2014			BLIND DUP-D_10_21_2014			MW-3D			DUP-D		
		Sample Type	N			FD			N			FD			N			FD			N			FD			N			FD			N			FD		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00045	J		0.00057	J		0.00055	J		0.0008	J		0.00074	J		0.0006	J	J	0.00069	J		0.00069	J		< 0.001	U		0.00045	J		0.0005	J		0.0005	J	
1,1-Dichloroethene	0.007	mg/L	0.00084	J		0.0011			0.0011			0.0018			0.0014			0.0011		J	0.0016			0.0013			0.00095	J		0.001			0.0011			0.001		
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00026	J		0.00024	J	
1,2-Dichloroethene, Total		mg/L	0.037			0.0608			0.0613			0.0875			0.0551			0.0538		J	0.064			0.0631			0.0438			0.0406			0.0485			0.0474		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		0.00021	J		0.00031	J		0.00022	J		< 0.001	U		< 0.001	U		0.00031	J		< 0.001	U		< 0.001	U		0.00024	J		0.00023	J	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		0.00028	J		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00026	J		0.00028	J	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0362			0.0594			0.06			**0.0857**			0.0535			0.0527		J	0.0627			0.0615			0.0429			0.0397			0.0474			0.0465		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	UJ	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00077	J		0.0014			0.0013			0.0018			0.0015			0.0011		J	0.0013			0.0017			0.00087	J		0.00087	J		0.001			0.00094	J	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.0029			0.0018			0.0017			0.0017			0.0029			0.0023		J	0.0013			0.0013			0.0015			0.0016			0.0012			0.0014		
Vinyl Chloride	0.002	mg/L	0.00074	J		0.0016			0.0014			**0.0021**			0.0011			0.00097	J	J	0.0019			0.0014			< 0.001	U		< 0.001	U		0.0011			0.0011		
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-3S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S		
		Date	2/7/2008			5/6/2008			8/29/2008			12/22/2008			3/19/2009			6/19/2009			9/18/2009			12/23/2009			12/23/2009			3/11/2010		
		sys_sample_code	MW-3S_02_07_2008			MW-3S_05_06_2008			MW-3S_08_29_2008			MW-3S_12_22_2008			MW-3S_03_19_2009			MW-3S_06_19_2009			MW-3S_09_18_2009			MW-3S_12_23_2009			BLIND DUP_12_23_2009			MW-3S_03_11_2010		
		Sample Type	N			N			N			N			N			N			N			N			FD			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00033	J		< 0.001	U		0.00031	J	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.005	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0053			0.0074			0.0058			0.0028			0.0015			0.001			< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0053			0.0074			0.0058			0.0028			0.0015			0.001			< 0.001	U		0.00028	J		0.00029	J		< 0.001	U	
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.0501**			**0.0193**			**0.0119**			**0.011**			**0.0165**			**0.0072**			0.00383			**0.017**			**0.0145**			**0.0158**		
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0165**			**0.0156**			**0.0168**			**0.014**			**0.012**			**0.0071**			0.00478			0.0049			0.0045			0.0044		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-3S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S		
		Date	6/28/2010			6/28/2010			9/10/2010			9/10/2010			12/16/2010			12/16/2010			4/4/2011			4/4/2011			6/7/2011			6/7/2011		
		sys_sample_code	MW-3S_06_28_2010			BLIND DUPLICATE_06_28_2010			MW-3S_09_10_2010			BLIND DUPLICATE_09_10_2010			MW-3S_12_16_2010			BLIND DUP_12_16_2010			MW-3S BAG_04_04_2011			MW-3S PUMP_04_04_2011			MW-3S BAG_06_07_2011			MW-3S PUMP_06_07_2011		
		Sample Type	N			FD			N			FD			N			FD			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		0.00065	J		0.00055	J		0.00031	J		0.0003	J		0.0003	J		< 0.001	U		0.00033	J		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00028	J		0.00031	J	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00025	J	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0013	J		0.0012	J		0.0016	J		0.0014	J		< 0.002	U		< 0.002	U		0.0024			0.0079			0.0037			0.0122		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0013			0.0012			0.0016			0.0014			0.00054	J		0.00055	J		0.0024			0.0079			0.0037		J	0.0122		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.0111**			**0.0102**			**0.0319**			**0.0248**			**0.0146**			**0.0135**			**0.0149**			**0.0072**			**0.0162**			**0.0062**		
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00024	J		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0056**			**0.0053**			**0.0068**			**0.0059**			0.0041			0.004			**0.0063**			**0.0059**			**0.0065**			**0.0059**		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-3S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S		
		Date	9/15/2011			12/15/2011			12/15/2011			3/14/2012			3/14/2012			6/26/2012			6/26/2012			10/3/2012			10/3/2012			4/23/2013		
		sys_sample_code	MW-3S_09_15_2011			MW-3S_12_15_2011			BLIND DUPLICATE_12_15_2011			MW-3S_03_14_2012			BLIND DUPLICATE_03_14_2012			MW-3S_06_26_2012			BLIND DUP_06_26_2012			MW-3S_10_03_2012			BLIND DUP-S_10_03_2012			MW-3S_04_23_2013		
		Sample Type	N			N			FD			N			FD			N			FD			N			FD			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	0.00068	J		0.00082	J		0.0008	J		0.00084	J		0.00092	J		0.0004	J		< 0.001	U		0.00054	J		< 0.001	U		0.00083	J	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00039	J		0.00048	J		0.00045	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00027	J	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.006			0.0051			0.0047			0.0026			0.0024			0.0014	J		0.002			0.0026			0.0024			0.0023		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		0.00024	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.006			0.0051			0.0047			0.0026			0.0024			0.0014			0.002			0.0026			0.0024			0.0023		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.0243**			**0.0283**			**0.0284**			**0.0267**			**0.0279**			**0.0121**			**0.0083**			**0.0233**			**0.0209**			**0.0379**		
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.008**			**0.0072**			**0.0065**			**0.0055**			**0.0056**			**0.0054**			**0.005**			0.0049			0.0047			0.0031		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-3S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S			MW-3S		
		Date	4/23/2013			10/25/2013			10/25/2013			4/8/2014			4/8/2014			10/21/2014			10/21/2014			4/10/2015			4/10/2015		
		sys_sample_code	BLIND DUP-S_04_23_2013			MW-3S_10_25_2013			BLIND DUP S_10_25_2013			MW-3S_04_08_2014			BLIND DUP-S_04_08_2014			MW-3S_10_21_2014			BLIND DUP-S_10_21_2014			MW-3S			DUP-S		
		Sample Type	FD			N			FD			N			FD			N			FD			N			FD		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	0.00083	J		0.00057	J		0.0004	J	J	< 0.001	U		0.00068	J		0.00059	J		0.00069	J		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00032	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0022			0.0016	J		0.0012	J	J	0.00087	J		0.0013	J		< 0.002	U		< 0.002	U		0.0057			0.0052		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0022			0.0016			0.0012		J	0.00087	J		0.0013			0.00044	J		< 0.001	U		0.0057			0.0052		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	UJ	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.0378**			**0.0113**			**0.0106**		J	**0.0217**			**0.0242**			**0.0193**			**0.0211**			0.002			0.0021		
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.003			0.0019			0.0016		J	0.0014			0.0015			0.002			0.0015			0.003			0.0028		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-4D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-4D			MW-4D			MW-4D			MW-4D			MW-4D			MW-4D			MW-4D			MW-4D			MW-4D			MW-4D			MW-4D			MW-4D			MW-4D		
		Date	4/4/2011			6/7/2011			9/15/2011			12/15/2011			3/14/2012			6/26/2012			10/3/2012			4/23/2013			10/25/2013			4/8/2014			10/21/2014			4/10/2015		
		sys_sample_code	MW-4D BAG_04_04_2011			MW-4D BAG_06_07_2011			MW-4D_09_15_2011			MW-4D_12_15_2011			MW-4D_03_14_2012			MW-4D_06_26_2012			MW-4D_10_03_2012			MW-4D_04_23_2013			MW-4D_10_25_2013			MW-4D_04_08_2014			MW-4D_10_21_2014			MW-4D		
		Sample Type	N			N			N			N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00041	J		0.00077	J		0.00085	J		0.00068	J		0.00064	J		< 0.001	U		0.00081	J		0.00081	J		0.00097	J		< 0.001	U		< 0.001	U		0.00023	J	
1,1-Dichloroethene	0.007	mg/L	0.00051	J		0.00085	J		0.00085	J		0.00064	J		0.00051	J		0.00054	J		0.00059	J		0.00045	J		0.00065	J		< 0.001	U		< 0.001	U		0.00029	J	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0204			0.0359			0.032			0.023			0.0183			0.0201			0.0197			0.0147			0.0185			0.0136			0.0111			0.0109		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		0.00029	J		0.00026	J		0.00024	J		< 0.001	U		0.00025	J		0.00026	J		< 0.001	U		0.00031	J		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	0.0016			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	0.00042	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		0.00033	J		0.0003	J		0.00027	J		< 0.001	U		0.00021	J		0.00026	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	0.0019			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	0.0013			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0201			0.0354			0.0315			0.0226			0.0179			0.0201			0.0192			0.0143			0.0181			0.0136			0.0111			0.0107		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	0.00069	J		< 0.001	U		0.00026	J		< 0.001	U		0.00059	J		< 0.001	U		< 0.001	U		0.0004	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		0.00057	J		0.00048	J		0.0004	J		< 0.001	U		< 0.001	U		0.00046	J		0.00033	J		0.00045	J		< 0.001	U		< 0.001	U		0.00021	J	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.002			0.0032			0.0032			0.0027			0.0023			0.0028			0.0029			0.0023			0.0024			0.0017			0.0019			0.0017		
Vinyl Chloride	0.002	mg/L	0.00044	J		0.001			0.00077	J		0.00049	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-4S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-4S			MW-4S			MW-4S			MW-4S			MW-4S			MW-4S			MW-4S			MW-4S			MW-4S			MW-4S			MW-4S			MW-4S			MW-4S		
		Date	4/4/2011			6/7/2011			9/15/2011			12/15/2011			3/14/2012			6/26/2012			10/3/2012			4/23/2013			10/25/2013			4/8/2014			10/21/2014			4/10/2015		
		sys_sample_code	MW-4S PUMP_04_04_2011			MW-4S BAG_06_07_2011			MW-4S_09_15_2011			MW-4S_12_15_2011			MW-4S_03_14_2012			MW-4S_06_26_2012			MW-4S_10_03_2012			MW-4S_04_23_2013			MW-4S_10_25_2013			MW-4S_04_08_2014			MW-4S_10_21_2014			MW-4S		
		Sample Type	N			N			N			N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00049	J		0.00029	J		0.00032	J		< 0.001	U		0.00027	J		< 0.001	U		0.00022	J		0.00023	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0002	J	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0044			0.00081	J		0.00091	J		0.00079	J		0.001	J		0.00082	J		0.0015	J		0.00053	J		0.00046	J		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		0.00052	J		0.00029	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	J	U	0.00029	J		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0044			0.00081	J		0.00091	J		0.00079	J		0.001			0.00082	J		0.0015			0.00053	J		0.00046	J		< 0.001	U		< 0.001	U		0.0004	J	
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	UJ	< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	UJ	< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	0.00065	J		0.0045			0.0049			0.0013			0.0011			0.0032			0.0011			0.0026			0.0026			0.0011			0.001			0.00078	J	
Toluene	1	mg/L	0.0002	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	0.0019			0.00081	J		0.0011			0.00058	J		0.0007	J		0.00066	J		0.0008	J		0.00064	J		0.0004	J		0.00044	J		< 0.001	U		0.00048	J	
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-5D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-5D			MW-5D			MW-5D			MW-5D			MW-5D			MW-5D			MW-5D			MW-5D			MW-5D		
		Date	4/4/2011			4/4/2011			4/4/2011			6/7/2011			6/7/2011			9/15/2011			12/15/2011			3/14/2012			6/26/2012		
		sys_sample_code	MW-5D BAG_04_04_2011			BLIND DUPLICATE_01_04_04_2011			MW-5D PUMP_04_04_2011			MW-5D BAG_06_07_2011			MW-5D PUMP_06_07_2011			MW-5D_09_15_2011			MW-5D_12_15_2011			MW-5D_03_14_2012			MW-5D_06_26_2012		
		Sample Type	N			FD			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00044	J		0.00051	J		0.0011			0.00052	J		0.0015			0.00089	J		0.00084	J		0.00064	J		0.0007	J	
1,1-Dichloroethene	0.007	mg/L	0.0013			0.0014			0.0025			0.001			0.0033			0.002			0.0021			0.001			0.0018		
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0357			0.0395			0.0838			0.0395			0.0807			0.0631			0.0622			0.0369			0.0641		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		1.51			0.0213	J		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		0.00025	J		< 0.001	U		0.00036	J		< 0.001	U		0.00024	J		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	0.0015			0.0014			< 0.001	U		0.0011			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	0.00043	J		0.00038	J		< 0.001	U		0.00032	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		0.00088	J		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	0.0016			0.0015			< 0.001	U		0.0011			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	0.0013			0.0012			< 0.001	U		0.001			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0351			0.0389			**0.0824**			0.0389			0.0795			0.0622			0.0613			0.0365			0.0632		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	0.00066	J		0.00059	J		0.00037	J		0.00071	J		0.00033	J		0.00045	J		0.00035	J		0.00027	J		0.00041	J	
Toluene	1	mg/L	0.00026	J		0.00025	J		0.00055	J		0.00027	J		0.00048	J		< 0.001	U		0.0002	J		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00059	J		0.00062	J		0.0013			0.00069	J		0.0018			0.00099	J		0.00091	J		0.00041	J		0.00097	J	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0126**			**0.0133**			**0.0173**			**0.01**			**0.023**			**0.0172**			**0.016**			**0.0094**			**0.0166**		
Vinyl Chloride	0.002	mg/L	0.001			0.0011			0.0023			0.0011			0.0036			0.0017			0.0017			0.0004	J		0.0014		
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-5D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-5D			MW-5D			MW-5D			MW-5D			MW-5D			MW-5D		
		Date	10/3/2012			4/23/2013			10/25/2013			4/8/2014			10/21/2014			4/10/2015		
		sys_sample_code	MW-5D_10_03_2012			MW-5D_04_23_2013			MW-5D_10_25_2013			MW-5D_04_08_2014			MW-5D_10_21_2014			MW-5D		
		Sample Type	N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.0007	J		0.00064	J		0.00041	J	J	0.00045	J		0.00032	J		0.00032	J	
1,1-Dichloroethene	0.007	mg/L	0.0019			0.0014			0.0011		J	0.0012			0.00095	J		0.00093	J	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0578			0.0582			0.038		J	0.04			0.0333			0.032		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		0.00023	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	0.00024	J		0.00028	J		0.0002	J	J	0.00025	J		< 0.001	U		0.00022	J	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0569			0.057			0.037		J	0.039			0.0325			0.0311		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	0.0003	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	0.00067	J		0.0005	J		0.0007	J	J	0.00068	J		0.00064	J		0.00071	J	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00098	J		0.0012			0.001		J	0.00097	J		0.00084	J		0.00087	J	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0167**			**0.0137**			**0.0146**		J	**0.0146**			**0.0136**			**0.0136**		
Vinyl Chloride	0.002	mg/L	0.0013			0.0012			0.00081	J	J	0.00076	J		0.00074	J		0.00067	J	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-5S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-5S			MW-5S			MW-5S			MW-5S			MW-5S			MW-5S			MW-5S			MW-5S			MW-5S		
		Date	4/4/2011			4/4/2011			6/7/2011			6/7/2011			9/15/2011			12/15/2011			3/14/2012			6/26/2012			10/3/2012		
		sys_sample_code	MW-5S BAG_04_04_2011			MW-5S PUMP_04_04_2011			MW-5S BAG_06_07_2011			MW-5S PUMP_06_07_2011			MW-5S_09_15_2011			MW-5S_12_15_2011			MW-5S_03_14_2012			MW-5S_06_26_2012			MW-5S_10_03_2012		
		Sample Type	N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00036	J		0.00037	J		0.00046	J		0.00027	J		< 0.001	U		< 0.001	U		0.00029	J		< 0.001	U		0.00034	J	
1,1-Dichloroethene	0.007	mg/L	0.00086	J		0.00057	J		0.00083	J		0.00055	J		< 0.001	U		< 0.001	U		0.00061	J		0.00058	J		0.00056	J	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0233			0.0195			0.0299			0.0206			0.0047			0.0025			0.0194			0.0183			0.0197		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0227			0.0189			0.0291			0.02			0.0047			0.0025			0.0189			0.0183			0.0193		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.0279**			**0.0361**			**0.018**			**0.0187**			**0.0122**			**0.0161**			**0.0072**			**0.0056**			**0.0064**		
Toluene	1	mg/L	< 0.001	U		0.00022	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00062	J		0.00059	J		0.00079	J		0.00056	J		< 0.001	U		< 0.001	U		0.00046	J		< 0.001	U		0.00043	J	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0317**			**0.0225**			**0.0314**			**0.0215**			**0.0075**			0.0037			**0.0148**			**0.0148**			**0.0149**		
Vinyl Chloride	0.002	mg/L	0.00064	J		0.00042	J		0.00086	J		0.00058	J		< 0.001	U		< 0.001	U		0.00036	J		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-5S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-5S			MW-5S			MW-5S			MW-5S			MW-5S		
		Date	4/23/2013			10/25/2013			4/8/2014			10/21/2014			4/10/2015		
		sys_sample_code	MW-5S_04_23_2013			MW-5S_10_25_2013			MW-5S_04_08_2014			MW-5S_10_21_2014			MW-5S		
		Sample Type	N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00033	J		< 0.001	U		0.00032	J		< 0.001	U		< 0.001	U	
1,1-Dichloroethene	0.007	mg/L	0.0007	J		0.00036	J	J	0.00065	J		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0231			0.0097		J	0.0239			0.0017	J		0.0042		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0225			0.0094		J	0.0232			0.0017			0.0042		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	0.0044			0.0049		J	0.0046			0.0043			0.0035		
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00055	J		0.00026	J	J	0.00063	J		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0143**			**0.0081**		J	**0.0183**			0.0038			**0.0053**		
Vinyl Chloride	0.002	mg/L	0.00061	J		< 0.001	U		0.00052	J		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-6D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-6D			MW-6D			MW-6D			MW-6D			MW-6D			MW-6D			MW-6D			MW-6D			MW-6D		
		Date	4/4/2011			4/4/2011			6/7/2011			6/7/2011			9/15/2011			12/15/2011			3/14/2012			6/26/2012			10/3/2012		
		sys_sample_code	MW-6D BAG_04_04_2011			MW-6D PUMP_04_04_2011			MW-6D BAG_06_07_2011			MW-6D_06_07_2011			MW-6D_09_15_2011			MW-6D_12_15_2011			MW-6D_03_14_2012			MW-6D_06_26_2012			MW-6D_10_03_2012		
		Sample Type	N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00064	J		0.00087	J		0.00091	J		0.00095	J		0.001			0.00096	J		0.00082	J		0.00068	J		0.0006	J	
1,1-Dichloroethene	0.007	mg/L	0.0012		J	0.0017			0.0021			0.0021			0.0023			0.0026			0.0022			0.0018			< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.049		J	0.0666			0.0859			0.0802		J	0.0814			0.0855			0.0776			0.0683			0.0674		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	0.00028	J		0.0003	J		0.0004	J		< 0.001	U		0.0003	J		0.00029	J		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	0.00035	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0483		J	0.0655			**0.0847**			**0.0788**		J	**0.08**			**0.0841**			**0.0763**			0.0671			0.0658		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	0.00072	J		0.00084	J		0.00065	J		0.00081	J		< 0.001	U		0.00044	J		0.00056	J		< 0.001	U		< 0.001	U	
Toluene	1	mg/L	0.00024	J		0.00026	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00077	J		0.0011			0.0012			0.0014			0.0013			0.0014			0.0013			0.0012			0.0016		
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0108**		J	**0.014**			**0.0172**			**0.0173**			**0.0166**			**0.0178**			**0.0164**			**0.0167**			**0.0163**		
Vinyl Chloride	0.002	mg/L	0.0015			0.0019			**0.0021**			**0.0025**			0.0018			**0.0024**			0.0019			0.0017			0.0017		
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-6D
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-6D			MW-6D			MW-6D			MW-6D			MW-6D		
		Date	4/23/2013			10/25/2013			4/8/2014			10/21/2014			4/10/2015		
		sys_sample_code	MW-6D_04_23_2013			MW-6D_10_25_2013			MW-6D_04_08_2014			MW-6D_10_21_2014			MW-6D		
		Sample Type	N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.0007	J		0.00058	J	J	0.00065	J		0.00057	J		0.00044	J	
1,1-Dichloroethene	0.007	mg/L	0.0019			0.0015		J	0.0017			0.0013			0.0012		
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0771			0.0547		J	0.0632			0.05			0.0478		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		0.00025	J		< 0.001	U		0.0002	J	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		0.00026	J		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		0.0006	J		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	**0.0756**			0.0536		J	0.0619			0.0491			0.0467		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	0.00042	J		0.00047	J	J	< 0.001	U		< 0.001	U		0.00054	J	
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.0015			0.0011		J	0.0013			0.00091	J		0.0011		
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0181**			**0.0128**		J	**0.0085**			**0.0116**			**0.0098**		
Vinyl Chloride	0.002	mg/L	0.0016			0.00069	J	J	0.0014			0.0012			0.00096	J	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-6S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-6S			MW-6S			MW-6S			MW-6S			MW-6S			MW-6S			MW-6S			MW-6S		
		Date	4/4/2011			4/4/2011			6/7/2011			6/7/2011			6/7/2011			6/7/2011			9/15/2011			12/15/2011		
		sys_sample_code	MW-6S BAG_04_04_2011			MW-6S PUMP_04_04_2011			MW-6S BAG_06_07_2011			BLIND DUPLICATE BAG_06_07_2011			MW-6S_06_07_2011			BLIND DUPLICATE_06_07_2011			MW-6S_09_15_2011			MW-6S_12_15_2011		
		Sample Type	N			N			N			FD			N			FD			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00045	J	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00032	J		0.00035	J		0.00042	J		0.00036	J		0.00043	J		0.00042	J		0.00037	J		0.0004	J	
1,1-Dichloroethene	0.007	mg/L	0.00028	J		0.00042	J		0.00068	J		0.00069	J		0.00056	J		0.00061	J		0.00054	J		0.00056	J	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0235			0.0295			0.0344			0.0338			0.0318			0.0319			0.0246			0.0353		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	0.0028	J		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0232			0.0291			0.0338			0.0333			0.0312			0.0314			0.0242			0.0347		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.0225**			**0.0266**			**0.0101**			**0.0102**			**0.0247**			**0.025**			**0.0216**			**0.0794**		
Toluene	1	mg/L	< 0.001	U		0.00031	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		0.0004	J		0.00054	J		0.00049	J		0.00056	J		0.00054	J		0.00037	J		0.00055	J	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0115**			**0.0134**			**0.0169**			**0.0165**			**0.0147**			**0.0156**			**0.015**			**0.0221**		
Vinyl Chloride	0.002	mg/L	**0.0029**			**0.0027**			0.00078	J		0.00069	J		0.0009	J		0.00085	J		0.00041	J		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-MW-6S
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	MW-6S			MW-6S			MW-6S			MW-6S			MW-6S			MW-6S			MW-6S			MW-6S		
		Date	3/14/2012			6/26/2012			10/3/2012			4/23/2013			10/25/2013			4/8/2014			10/21/2014			4/10/2015		
		sys_sample_code	MW-6S_03_14_2012			MW-6S_06_26_2012			MW-6S_10_03_2012			MW-6S_04_23_2013			MW-6S_10_25_2013			MW-6S_04_08_2014			MW-6S_10_21_2014			MW-6S		
		Sample Type	N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	0.00043	J		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.00027	J		< 0.002	U		< 0.002	U		0.00029	J		0.00024	J	J	0.00042	J		0.0004	J		0.0004	J	
1,1-Dichloroethene	0.007	mg/L	0.0005	J		< 0.002	U		< 0.002	U		0.00047	J		0.00034	J	J	0.00065	J		< 0.001	U		0.00064	J	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0299			0.0239			0.0547			0.0266			0.0244		J	0.041			0.04			0.0392		
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.005	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.02	U		< 0.02	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.005	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.025	U		< 0.05	U		< 0.05	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U		< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromobenzene		mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloromethane	0.127	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0292			0.0239			0.0547			0.0258			0.0238		J	0.0401			0.0389			0.038		
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.002	U		< 0.004	U		< 0.004	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.005	U		**0.0066**	J		< 0.01	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.003	U		< 0.006	U		< 0.006	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.181**			**0.134**			**0.0682**			**0.0694**			**0.0363**		J	**0.0442**			**0.0315**			**0.0424**		
Toluene	1	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	0.00072	J		< 0.002	U		< 0.002	U		0.00082	J		0.00058	J	J	0.00092	J		0.0011			0.0012		
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.002	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0263**			**0.0198**			**0.0181**			**0.0188**			**0.0148**		J	**0.0128**			**0.0136**			**0.0139**		
Vinyl Chloride	0.002	mg/L	0.00058	J		0.0011	J		**0.0038**			0.00056	J		< 0.001	U		0.00067	J		0.0012			0.00054	J	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.006	U		< 0.006	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Created by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 2-PZ-3
Groundwater Monitoring
Analytical Data Summary Through April 2015
Brenntag, Southwest, Inc., Wichita, KS

		Well ID	PZ-3			PZ-3			PZ-3			PZ-3			PZ-3			PZ-3			PZ-3			PZ-3			PZ-3			PZ-3			PZ-3			PZ-3			PZ-3		
		Date	2/7/2008			5/6/2008			8/29/2008			12/22/2008			3/19/2009			6/19/2009			9/18/2009			12/23/2009			3/11/2010			6/28/2010			9/10/2010			12/16/2010		
		sys_sample_code	PZ-3_02_07_2008			PZ-3_05_06_2008			PZ-3_08_29_2008			PZ-3_12_22_2008			PZ-3_03_19_2009			PZ-3_06_19_2009			PZ-3_09_18_2009			PZ-3_12_23_2009			PZ-3_03_11_2010			PZ-3_06_28_2010			PZ-3_09_10_2010			PZ-3_12_16_2010		
		Sample Type	N			N			N			N			N			N			N			N			N			N			N			N		
Chemical	RSK for Residential Groundwater Pathway	Units	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
1,1,1,2-Tetrachloroethane	0.00535	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,1-Trichloroethane	0.2	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2,2-Tetrachloroethane	0.000694	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1,2-Trichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloroethane	0.025	mg/L	0.0014			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00037	J		< 0.001	U		0.00071	J		< 0.001	U	
1,1-Dichloroethene	0.007	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,1-Dichloropropene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,3-Trichloropropane	0.00000468	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2,4-Trichlorobenzene	0.07	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2,4-Trimethylbenzene	0.00844	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromo-3-chloropropane	0.0002	mg/L	< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.0025	U		< 0.005	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,2-Dibromoethane	0.00005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichlorobenzene	0.6	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,2-Dichloroethene, Total		mg/L	0.0079			0.0036			0.0024			< 0.001	U		0.0012			< 0.001	U		< 0.001	U		0.0009	J		< 0.002	U		< 0.002	U		0.0023			< 0.002	U	
1,2-Dichloropropane	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3,5-Trimethylbenzene	0.044	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
1,3-Dichlorobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,3-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
1,4-Dichlorobenzene	0.075	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2,2-Dichloropropane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Butanone	4.92	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
2-Chlorotoluene	0.0889	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
2-Hexanone		mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.05	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U	
4-Chlorotoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
4-Methyl-2-pentanone	1.02	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Acetone	11.5	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		0.0102			< 0.05	U		< 0.025	U		< 0.025	U		< 0.025	U		0.0946			< 0.025	U	
Benzene	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00028	J	
Bromobenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromochloromethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromodichloromethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromoform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Bromomethane	0.00702	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Disulfide	0.716	mg/L	< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Carbon Tetrachloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorobenzene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0019			0.0017			0.0011			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chlorodibromomethane	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Chloroethane	14	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Chloroform	0.08	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00079	J	
Chloromethane	0.127	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
cis-1,2-Dichloroethene	0.07	mg/L	0.0076			0.0036			0.0024			< 0.001	U		0.0012			< 0.001	U		< 0.001	U		0.0009	J		0.00064	J		0.00065	J		0.0023			0.00048	J	
cis-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Dibromomethane		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Dichlorodifluoromethane	0.366	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Ethylbenzene	0.7	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Fluorotrichloromethane	1.09	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Hexachlorobutadiene	0.00632	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U	
Isopropylbenzene	0.451	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Methylene Chloride	0.005	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U		< 0.005	U	
Methyl-tert-butyl-ether	0.133	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Naphthalene	0.00111	mg/L	< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.01	U		< 0.005	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	
n-Butylbenzene	0.169	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
n-Propylbenzene	0.66	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
p-Isopropyltoluene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
sec-Butylbenzene	0.0305	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Styrene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
tert-Butylbenzene		mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Tetrachloroethene	0.005	mg/L	**0.117**			**0.0734**			**0.0209**			**0.0252**			**0.0127**			0.0026			**0.00702**			0.0016			**0.0232**			**0.0122**			**0.0487**			**0.022**		
Toluene	1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,2-Dichloroethene	0.1	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
trans-1,3-Dichloropropene	0.0049	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Trichloroethene	0.005	mg/L	**0.0081**			0.0044			0.0019			0.0015			0.0011			< 0.001	U		< 0.001	U		0.0006	J		0.0023			0.0013			0.0048			0.0015		
Vinyl Chloride	0.002	mg/L	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	R	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
Xylenes, Total	10	mg/L	< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U		< 0.003	U	

Prepared by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limit
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Reults Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 3
Groundwater Monitoring Analytical Data - Detects Only
Through April 2015
Brenntag Southwest, Inc. Wichita, KS

			Chemical Name	1,1,1-Trichloroethane			1,1-Dichloroethane			1,1-Dichloroethene			1,2-Dichloroethane			1,2-Dichloroethene, Total			1,3-Dichlorobenzene			1,4-Dichlorobenzene			2-Butanone			Acetone			Benzene			Bromodichloromethane			Bromoform			Carbon Disulfide		
			RSK for Residential Groundwater Pathway	0.2			0.025			0.007			0.005									0.075			4.92			11.5			0.005			0.08			0.08			0.716		
			Units	mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L		
Well ID	Date	sys_sample_code	Sample Type	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
MW-1D	2/7/2008	MW-1D_02_07_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0158			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		0.0012			< 0.001	U		< 0.005	U	
	5/6/2008	MW-1D_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0091			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	8/29/2008	MW-1D_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0233			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	12/22/2008	MW-1D_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0187			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	3/19/2009	MW-1D_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0311			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	6/19/2009	MW-1D_06_19_2009	N	< 0.001	U		< 0.001	U		0.0018			< 0.001	U		0.0631			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	9/18/2009	MW-1D_09_18_2009	N	< 0.001	U		< 0.001	U		0.00125			< 0.001	U		0.0392			< 0.001	U		< 0.001	U		< 0.05	U		< 0.05	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	12/23/2009	MW-1D_12_23_2009	N	< 0.001	U		0.00062	J		0.0013			< 0.001	U		0.0466			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/11/2010	MW-1D_03_11_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0103			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/28/2010	MW-1D_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0113			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/10/2010	MW-1D_09_10_2010	N	< 0.001	U		0.00023	J		< 0.001	U		< 0.001	U		0.0142			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/16/2010	MW-1D_12_16_2010	N	< 0.001	U		0.00064	J		0.00062	J		< 0.001	U		0.027			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00022	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-1D BAG_04_04_2011	N	< 0.001	U		0.00031	J		0.00025	J		< 0.001	U		0.0114			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-1D BAG_06_07_2011	N	< 0.001	U		0.00041	J		< 0.001	U		< 0.001	U		0.0105			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-1D_09_15_2011	N	< 0.001	U		0.00059	J		0.00044	J		< 0.001	U		0.0169			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-1D_12_15_2011	N	< 0.001	U		0.0005	J		0.00032	J		< 0.001	U		0.0136			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-1D_03_14_2012	N	< 0.001	U		0.00042	J		0.00032	J		< 0.001	U		0.0142			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-1D_06_26_2012	N	< 0.001	U		0.00047	J		< 0.001	U		< 0.001	U		0.0131			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-1D_10_03_2012	N	< 0.001	U		0.0006	J		0.00038	J		< 0.001	U		0.0166			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00023	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	MW-1D_04_23_2013	N	< 0.001	U		0.00062	J		0.00043	J		< 0.001	U		0.0189			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00028	J		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-1D_10_25_2013	N	< 0.001	U		0.00057	J		0.00046	J		< 0.001	U		0.0141			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	MW-1D_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0047			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-1D_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0036			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-1D	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0064			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
MW-1S	2/7/2008	MW-1S_02_07_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0022			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	5/6/2008	MW-1S_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0063			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	8/29/2008	MW-1S_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	12/22/2008	MW-1S_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0019			0.0016			< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	3/19/2009	MW-1S_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0083			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	6/19/2009	MW-1S_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0025			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	9/18/2009	MW-1S_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.05	U		< 0.05	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	12/23/2009	MW-1S_12_23_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0014	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/11/2010	MW-1S_03_11_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0032			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/28/2010	MW-1S_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/10/2010	MW-1S_09_10_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/16/2010	MW-1S_12_16_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-1S BAG_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0032			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-1S BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.001	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-1S_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0011	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-1S_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-1S_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0012	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-1S_06_26_2012	N	< 0.001	U		0.00027	J		< 0.001	U		< 0.001	U		0.0015	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-1S_10_03_2012	N	< 0.001	U		0.00043	J		< 0.001	U		< 0.001	U		0.0016	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	MW-1S_04_23_2013	N	< 0.001	U		0.00038	J		< 0.001	U		< 0.001	U		0.002			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-1S_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0014	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	MW-1S_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0011	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-1S_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-1S	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0015	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
MW-2D	2/7/2008	MW-2D_02_07_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0269			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	5/6/2008	MW-2D_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.011			< 0.001	U		< 0.001	U		< 0.01	U		0.0407			< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	8/29/2008	MW-2D_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0421			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	12/22/2008	MW-2D_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0177			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	3/19/2009	BLIND DUPLICATE_03_19_2009	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.046			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	3/19/2009	MW-2D_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0406			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	6/19/2009	BLIND DUPLICATE_06_19_2009	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0387			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	6/19/2009	MW-2D_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0431			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	9/18/2009	BLIND DUP_09_18_2009	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0332			< 0.001	U		< 0.001	U		< 0.05	U		< 0.05	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	9/18/2009	MW-2D_09_18_2009	N	< 0.001	U		< 0.001	U		0.00105			< 0.001	U		0.0389			< 0.001	U		< 0.001	U		< 0.05	U		< 0.05	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	12/23/2009	MW-2D_12_23_2009	N	< 0.001	U		0.00059	J		0.0011			< 0.001	U		0.0452			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/11/2010	MW-2D_03_11_2010	N	< 0.001	U		0.0004	J		0.00049	J		< 0.001	U		0.0233			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/28/2010	MW-2D_06_28_2010	N	< 0.001	U		0.00038	J		< 0.001	U		< 0.001	U		0.0113			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/10/2010	MW-2D_09_10_2010	N	< 0.001	U		0.00041	J		< 0.001	U		< 0.001	U		0.0148			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/16/2010	MW-2D_12_16_2010	N	< 0.001	U		0.00036	J		0.00035	J		< 0.001	U		0.014			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-2D BAG_04_04_2011	N	< 0.001	U		0.00061	J		0.00082	J		< 0.001	U		0.0322			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00024	J		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-2D BAG_06_07_2011	N	< 0.001	U		0.00071	J		0.00074	J		< 0.001	U		0.0329			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00025	J		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-2D_09_15_2011	N	< 0.001	U		0.00076	J		0.001			< 0.001	U		0.0443			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00034	J		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-2D_12_15_2011	N	< 0.001	U		0.00064	J		0.00078	J		< 0.001	U		0.0341			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.0003	J		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-2D_03_14_2012	N	< 0.001	U		0.00064	J		0.00078	J		< 0.001	U		0.0345			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00023	J		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-2D_06_26_2012	N	< 0.001	U		0.00073	J		0.0011			< 0.001	U		0.0479			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00027	J		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-2D_10_03_2012	N	< 0.001	U		0.00072	J		0.0011			< 0.001	U		0.0427			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.0004	J		< 0.001	U		< 0.001	U		0.0005	J	
	4/23/2013	MW-2D_04_23_2013	N	< 0.001	U		0.00065	J		0.00099	J		< 0.001	U		0.0473			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00028	J		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-2D_10_25_2013	N	< 0.001	U		0.0006	J		0.00038	J		< 0.001	U		0.0252			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00023	J		< 0.001	U		< 0.001	U		0.0008	J	
	4/8/2014	MW-2D_04_08_2014	N	< 0.001	U		0.00039	J		0.00035	J		< 0.001	U		0.0163			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-2D_10_21_2014	N	< 0.001	U		0.00042	J		0.00058	J		< 0.001	U		0.0252			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00024	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-2D	N	< 0.001	U		0.00032	J		0.00045	J		< 0.001	U		0.0201			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00023	J		< 0.001	U		< 0.001	U		< 0.002	U	

J - Est. Value
UJ - Est. Reporting Limt
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Results Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 3
Groundwater Monitoring Analytical Data - Detects Only
Through April 2015
Brenntag Southwest, Inc. Wichita, KS

			Chemical Name	1,1,1-Trichloroethane			1,1-Dichloroethane			1,1-Dichloroethene			1,2-Dichloroethane			1,2-Dichloroethene, Total			1,3-Dichlorobenzene			1,4-Dichlorobenzene			2-Butanone			Acetone			Benzene			Bromodichloromethane			Bromoform			Carbon Disulfide		
			RSK for Residential Groundwater Pathway	0.2			0.025			0.007			0.005						0.075			4.92			11.5			0.005			0.08			0.08			0.716					
			Units	mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L		
Well ID	Date	sys_sample_code	Sample Type	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
MW-2S	2/7/2008	BLIND DUPLICATE_02_07_2008	FD	< 0.001	U		0.0069			< 0.001	U		< 0.001	U		0.0498			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	2/7/2008	MW-2S_02_07_2008	N	< 0.001	U		0.0074			< 0.001	U		< 0.001	U		0.0539			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	5/6/2008	BLIND DUP_05_06_2008	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0047			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	5/6/2008	MW-2S_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0053			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	8/29/2008	BLIND DUP_08_29_2008	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0017			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	8/29/2008	MW-2S_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0027			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	12/22/2008	BLIND DUP_12_22_2008	FD	< 0.001	U		0.0014			< 0.001	U		< 0.001	U		0.0103			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	12/22/2008	MW-2S_12_22_2008	N	< 0.001	U		0.0014			< 0.001	U		< 0.001	U		0.0101			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	3/19/2009	MW-2S_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	6/19/2009	MW-2S_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	9/18/2009	MW-2S_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.05	U		< 0.05	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	12/23/2009	MW-2S_12_23_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/11/2010	MW-2S_03_11_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/28/2010	MW-2S_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/10/2010	MW-2S_09_10_2010	N	< 0.001	U		0.0003	J		< 0.001	U		< 0.001	U		0.0022			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/16/2010	MW-2S_12_16_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0018	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-2S BAG_04_04_2011	N	< 0.001	U		0.00033	J		< 0.001	U		< 0.001	U		0.0026			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-2S BAG_06_07_2011	N	< 0.001	U		0.00028	J		< 0.001	U		< 0.001	U		0.0023			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-2S_09_15_2011	N	0.00044	J		0.0016			< 0.001	U		< 0.001	U		0.0247			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-2S_12_15_2011	N	0.00057	J		0.0022			< 0.001	U		< 0.001	U		0.0318			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-2S_03_14_2012	N	0.0003	J		0.0012			< 0.001	U		< 0.001	U		0.0202			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-2S_06_26_2012	N	< 0.001	U		0.0012			< 0.001	U		< 0.001	U		0.016			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-2S_10_03_2012	N	< 0.001	U		0.00039	J		< 0.001	U		< 0.001	U		0.0039			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	MW-2S_04_23_2013	N	< 0.001	U		0.00035	J		< 0.001	U		< 0.001	U		0.0051			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-2S_10_25_2013	N	< 0.001	U		0.00029	J		< 0.001	U		< 0.001	U		0.0014	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	MW-2S_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-2S_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-2S	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00056	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
MW-3D	2/7/2008	MW-3D_02_07_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0175			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01			< 0.001	U		0.0016			< 0.001	U		< 0.005	U	
	5/6/2008	MW-3D_05_06_2008	N	< 0.001	U		< 0.001	U		0.0018			< 0.001	U		0.0631			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	8/29/2008	MW-3D_08_29_2008	N	< 0.001	U		< 0.001	U		0.0016			< 0.001	U		0.0623			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	12/22/2008	MW-3D_12_22_2008	N	< 0.001	U		< 0.001	U		0.0017			< 0.001	U		0.0722			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	3/19/2009	MW-3D_03_19_2009	N	< 0.001	U		0.0012			0.0024			< 0.001	U		0.112			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	6/19/2009	MW-3D_06_19_2009	N	< 0.001	U		0.0011			0.0021			< 0.001	U		0.116			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	9/18/2009	MW-3D_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0321			< 0.001	U		< 0.001	U		< 0.05	U		< 0.05	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	12/23/2009	MW-3D_12_23_2009	N	< 0.001	U		0.00095	J		0.0021			0.0012			0.0976			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00062	J		< 0.001	U		< 0.001	U		< 0.002	U	
	3/11/2010	BLIND DUPLICATE_03_11_2010	FD	< 0.001	U		0.00073	J		0.0015			0.00044	J		0.0824		J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.0005	J		< 0.001	U		< 0.001	U		< 0.002	U	
	3/11/2010	MW-3D_03_11_2010	N	< 0.001	U		0.00048	J		0.00055	J		< 0.001	U		0.0307		J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/28/2010	MW-3D_06_28_2010	N	< 0.001	U		0.00062	J		0.0011			< 0.001	U		0.0511			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00036	J		< 0.001	U		< 0.001	U	UJ	< 0.002	U	
	9/10/2010	MW-3D_09_10_2010	N	< 0.001	U		0.00068	J		0.0012			< 0.001	U		0.0554		J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00041	J		< 0.001	U		< 0.001	U		< 0.002	U	
	12/16/2010	MW-3D_12_16_2010	N	< 0.001	U		0.00054	J		0.0012			< 0.001	U		0.0529			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00026	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	BLIND DUPLICATE_02_04_04_2011	FD	< 0.001	U		0.00075	J		0.0014			< 0.001	U		0.059			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00041	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-3D BAG_04_04_2011	N	< 0.001	U		0.0004	J		0.00059	J		< 0.001	U		0.0296			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-3D PUMP_04_04_2011	N	< 0.001	U		0.0006	J		0.0011			< 0.001	U		0.0487			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00033	J		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-3D BAG_06_07_2011	N	< 0.001	U		0.00065	J		0.0011			< 0.001	U		0.0573			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00035	J		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-3D PUMP_06_07_2011	N	< 0.001	U		0.00068	J		0.0011			< 0.001	U		0.0525			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00034	J		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-3D_09_15_2011	N	< 0.001	U		0.00064	J		0.0014			< 0.001	U		0.0536			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00032	J		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-3D_12_15_2011	N	< 0.001	U		0.00046	J		0.0011			< 0.001	U		0.0457			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00026	J		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-3D_03_14_2012	N	< 0.001	U		0.00035	J		0.00048	J		< 0.001	U		0.0221			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-3D_06_26_2012	N	< 0.001	U		0.00067	J		0.0015			< 0.001	U		0.0728			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00035	J		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	BLIND DUP-D_10_03_2012	FD	< 0.001	U		0.00057	J		0.0011			< 0.001	U		0.0608			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-3D_10_03_2012	N	< 0.001	U		0.00045	J		0.00084	J		< 0.001	U		0.037			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	BLIND DUP-D_04_23_2013	FD	< 0.001	U		0.0008	J		0.0018			< 0.001	U		0.0875			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00031	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	MW-3D_04_23_2013	N	< 0.001	U		0.00055	J		0.0011			< 0.001	U		0.0613			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00021	J		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	BLIND DUP D_10_25_2013	FD	< 0.001	U		0.0006	J	J	0.0011		J	< 0.001	U		0.0538		J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-3D_10_25_2013	N	< 0.001	U		0.00074	J		0.0014			< 0.001	U		0.0551			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00022	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	BLIND DUP-D_04_08_2014	FD	< 0.001	U		0.00069	J		0.0013			< 0.001	U		0.0631			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00031	J		< 0.001	U		< 0.001	U		0.00028	J	
	4/8/2014	MW-3D_04_08_2014	N	< 0.001	U		0.00069	J		0.0016			< 0.001	U		0.064			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	BLIND DUP-D_10_21_2014	FD	< 0.001	U		0.00045	J		0.001			< 0.001	U		0.0406			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-3D_10_21_2014	N	< 0.001	U		< 0.001	U		0.00095	J		< 0.001	U		0.0438			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	DUP-D	FD	< 0.001	U		0.0005	J		0.001			0.00024	J		0.0474			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00023	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-3D	N	< 0.001	U		0.0005	J		0.0011			0.00026	J		0.0485			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00024	J		< 0.001	U		< 0.001	U		< 0.002	U	
MW-3S	2/7/2008	MW-3S_02_07_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0053			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	5/6/2008	MW-3S_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0074			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	8/29/2008	MW-3S_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0058			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	12/22/2008	MW-3S_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0028			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	3/19/2009	MW-3S_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0015			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	6/19/2009	MW-3S_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.001			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	9/18/2009	MW-3S_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.05	U		< 0.05	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	12/23/2009	BLIND DUP_12_23_2009	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/23/2009	MW-3S_12_23_2009	N	0.00033	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/11/2010	MW-3S_03_11_2010	N	0.00031	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/28/2010	BLIND DUPLICATE_06_28_2010	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0012	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/28/2010	MW-3S_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0013	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	

J - Est. Value
UJ - Est. Reporting Limt
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Results Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 3
Groundwater Monitoring Analytical Data - Detects Only
Through April 2015
Brenntag Southwest, Inc. Wichita, KS

			Chemical Name	1,1,1-Trichloroethane			1,1-Dichloroethane			1,1-Dichloroethene			1,2-Dichloroethane			1,2-Dichloroethene, Total			1,3-Dichlorobenzene			1,4-Dichlorobenzene			2-Butanone			Acetone			Benzene			Bromodichloromethane			Bromoform			Carbon Disulfide		
			RSK for Residential Groundwater Pathway	0.2			0.025			0.007			0.005						0.075			4.92			11.5			0.005			0.08			0.08			0.716					
			Units	mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L		
Well ID	Date	sys_sample_code	Sample Type	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
MW-3S (cont'd)	9/10/2010	BLIND DUPLICATE_09_10_2010	FD	0.00055	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0014	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/10/2010	MW-3S_09_10_2010	N	0.00065	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0016	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/16/2010	BLIND DUP_12_16_2010	FD	0.0003	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/16/2010	MW-3S_12_16_2010	N	0.00031	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-3S BAG_04_04_2011	N	0.0003	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0024			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-3S PUMP_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0079			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-3S BAG_06_07_2011	N	0.00033	J		0.00028	J		< 0.001	U		< 0.001	U		0.0037			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-3S PUMP_06_07_2011	N	< 0.001	U		0.00031	J		0.00025	J		< 0.001	U		0.0122			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-3S_09_15_2011	N	0.00068	J		0.00039	J		< 0.001	U		< 0.001	U		0.006			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	BLIND DUPLICATE_12_15_2011	FD	0.0008	J		0.00045	J		< 0.001	U		< 0.001	U		0.0047			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-3S_12_15_2011	N	0.00082	J		0.00048	J		< 0.001	U		< 0.001	U		0.0051			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	BLIND DUPLICATE_03_14_2012	FD	0.00092	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0024			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-3S_03_14_2012	N	0.00084	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0026			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	BLIND DUP_06_26_2012	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.002			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-3S_06_26_2012	N	0.0004	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0014	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	BLIND DUP-S_10_03_2012	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0024			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-3S_10_03_2012	N	0.00054	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0026			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	BLIND DUP-S_04_23_2013	FD	0.00083	J		0.00032	J		< 0.001	U		< 0.001	U		0.0022			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	MW-3S_04_23_2013	N	0.00083	J		0.00027	J		< 0.001	U		< 0.001	U		0.0023			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	BLIND DUP S_10_25_2013	FD	0.0004	J	J	< 0.001	U		< 0.001	U		< 0.001	U		0.0012	J	J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-3S_10_25_2013	N	0.00057	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0016	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	BLIND DUP-S_04_08_2014	FD	0.00068	J		< 0.001	U		< 0.001	U		< 0.001	U		0.0013	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	MW-3S_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00087	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	BLIND DUP-S_10_21_2014	FD	0.00069	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-3S_10_21_2014	N	0.00059	J		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	DUP-S	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0052			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-3S	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0057			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
MW-4D	4/4/2011	MW-4D BAG_04_04_2011	N	< 0.001	U		0.00041	J		0.00051	J		< 0.001	U		0.0204			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		0.0016			0.00042	J		< 0.002	U	
	6/7/2011	MW-4D BAG_06_07_2011	N	< 0.001	U		0.00077	J		0.00085	J		< 0.001	U		0.0359			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00029	J		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-4D_09_15_2011	N	< 0.001	U		0.00085	J		0.00085	J		< 0.001	U		0.032			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00026	J		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-4D_12_15_2011	N	< 0.001	U		0.00068	J		0.00064	J		< 0.001	U		0.023			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00024	J		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-4D_03_14_2012	N	< 0.001	U		0.00064	J		0.00051	J		< 0.001	U		0.0183			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-4D_06_26_2012	N	< 0.001	U		< 0.001	U		0.00054	J		< 0.001	U		0.0201			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00025	J		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-4D_10_03_2012	N	< 0.001	U		0.00081	J		0.00059	J		< 0.001	U		0.0197			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00026	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	MW-4D_04_23_2013	N	< 0.001	U		0.00081	J		0.00045	J		< 0.001	U		0.0147			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-4D_10_25_2013	N	< 0.001	U		0.00097	J		0.00065	J		< 0.001	U		0.0185			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00031	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	MW-4D_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0136			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-4D_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0111			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-4D	N	< 0.001	U		0.00023	J		0.00029	J		< 0.001	U		0.0109			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
MW-4S	4/4/2011	MW-4S PUMP_04_04_2011	N	< 0.001	U		0.00049	J		< 0.001	U		< 0.001	U		0.0044			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-4S BAG_06_07_2011	N	< 0.001	U		0.00029	J		< 0.001	U		< 0.001	U		0.00081	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-4S_09_15_2011	N	< 0.001	U		0.00032	J		< 0.001	U		< 0.001	U		0.00091	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-4S_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00079	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-4S_03_14_2012	N	< 0.001	U		0.00027	J		< 0.001	U		< 0.001	U		0.001	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-4S_06_26_2012	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00082	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-4S_10_03_2012	N	< 0.001	U		0.00022	J		< 0.001	U		< 0.001	U		0.0015	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	MW-4S_04_23_2013	N	< 0.001	U		0.00023	J		< 0.001	U		< 0.001	U		0.00053	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-4S_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00046	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	MW-4S_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-4S_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-4S	N	< 0.001	U		0.0002	J		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
MW-5D	4/4/2011	BLIND DUPLICATE_01_04_04_2011	FD	< 0.001	U		0.00051	J		0.0014			< 0.001	U		0.0395			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		0.0014			0.00038	J		< 0.002	U	
	4/4/2011	MW-5D BAG_04_04_2011	N	< 0.001	U		0.00044	J		0.0013			< 0.001	U		0.0357			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		0.0015			0.00043	J		< 0.002	U	
	4/4/2011	MW-5D PUMP_04_04_2011	N	< 0.001	U		0.0011			0.0025			< 0.001	U		0.0838			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00025	J		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-5D BAG_06_07_2011	N	< 0.001	U		0.00052	J		0.001			< 0.001	U		0.0395			< 0.001	U		< 0.001	U		< 0.005	U		1.51			< 0.001	U		0.0011			0.00032	J		< 0.002	U	
	6/7/2011	MW-5D PUMP_06_07_2011	N	< 0.001	U		0.0015			0.0033			< 0.001	U		0.0807			< 0.001	U		< 0.001	U		< 0.005	U		0.0213	J		0.00036	J		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-5D_09_15_2011	N	< 0.001	U		0.00089	J		0.002			< 0.001	U		0.0631			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-5D_12_15_2011	N	< 0.001	U		0.00084	J		0.0021			< 0.001	U		0.0622			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00024	J		< 0.001	U		< 0.001	U		0.00088	J	
	3/14/2012	MW-5D_03_14_2012	N	< 0.001	U		0.00064	J		0.001			< 0.001	U		0.0369			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-5D_06_26_2012	N	< 0.001	U		0.0007	J		0.0018			< 0.001	U		0.0641			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-5D_10_03_2012	N	< 0.001	U		0.0007	J		0.0019			< 0.001	U		0.0578			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	MW-5D_04_23_2013	N	< 0.001	U		0.00064	J		0.0014			< 0.001	U		0.0582			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00023	J		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-5D_10_25_2013	N	< 0.001	U		0.00041	J	J	0.0011		J	< 0.001	U		0.038		J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	MW-5D_04_08_2014	N	< 0.001	U		0.00045	J		0.0012			< 0.001	U		0.04			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-5D_10_21_2014	N	< 0.001	U		0.00032	J		0.00095	J		< 0.001	U		0.0333			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-5D	N	< 0.001	U		0.00032	J		0.00093	J		< 0.001	U		0.032			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	

J - Est. Value
UJ - Est. Reporting Limt
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Results Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 3
Groundwater Monitoring Analytical Data - Detects Only
Through April 2015
Brenntag Southwest, Inc. Wichita, KS

			Chemical Name	1,1,1-Trichloroethane			1,1-Dichloroethane			1,1-Dichloroethene			1,2-Dichloroethane			1,2-Dichloroethene, Total			1,3-Dichlorobenzene			1,4-Dichlorobenzene			2-Butanone			Acetone			Benzene			Bromodichloromethane			Bromoform			Carbon Disulfide		
			RSK for Residential Groundwater Pathway	0.2			0.025			0.007			0.005									0.075			4.92			11.5			0.005			0.08			0.08			0.716		
			Units	mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L		
Well ID	Date	sys_sample_code	Sample Type	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
MW-5S	4/4/2011	MW-5S BAG_04_04_2011	N	< 0.001	U		0.00036	J		0.00086	J		< 0.001	U		0.0233			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-5S PUMP_04_04_2011	N	< 0.001	U		0.00037	J		0.00057	J		< 0.001	U		0.0195			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-5S BAG_06_07_2011	N	< 0.001	U		0.00046	J		0.00083	J		< 0.001	U		0.0299			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-5S PUMP_06_07_2011	N	< 0.001	U		0.00027	J		0.00055	J		< 0.001	U		0.0206			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-5S_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0047			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-5S_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0025			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-5S_03_14_2012	N	< 0.001	U		0.00029	J		0.00061	J		< 0.001	U		0.0194			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-5S_06_26_2012	N	< 0.001	U		< 0.001	U		0.00058	J		< 0.001	U		0.0183			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-5S_10_03_2012	N	< 0.001	U		0.00034	J		0.00056	J		< 0.001	U		0.0197			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	MW-5S_04_23_2013	N	< 0.001	U		0.00033	J		0.0007	J		< 0.001	U		0.0231			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-5S_10_25_2013	N	< 0.001	U		< 0.001	U		0.00036	J	J	< 0.001	U		0.0097		J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	MW-5S_04_08_2014	N	< 0.001	U		0.00032	J		0.00065	J		< 0.001	U		0.0239			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-5S_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0017	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-5S	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0042			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
MW-6D	4/4/2011	MW-6D BAG_04_04_2011	N	< 0.001	U		0.00064	J		0.0012		J	< 0.001	U		0.049		J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00028	J		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-6D PUMP_04_04_2011	N	< 0.001	U		0.00087	J		0.0017			< 0.001	U		0.0666			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.0003	J		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-6D BAG_06_07_2011	N	< 0.001	U		0.00091	J		0.0021			< 0.001	U		0.0859			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.0004	J		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-6D_06_07_2011	N	< 0.001	U		0.00095	J		0.0021			< 0.001	U		0.0802		J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-6D_09_15_2011	N	< 0.001	U		0.001			0.0023			< 0.001	U		0.0814			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.0003	J		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-6D_12_15_2011	N	< 0.001	U		0.00096	J		0.0026			< 0.001	U		0.0855			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00029	J		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-6D_03_14_2012	N	< 0.001	U		0.00082	J		0.0022			< 0.001	U		0.0776			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-6D_06_26_2012	N	< 0.001	U		0.00068	J		0.0018			< 0.001	U		0.0683			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/3/2012	MW-6D_10_03_2012	N	< 0.001	U		0.0006	J		< 0.001	U		< 0.001	U		0.0674			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/23/2013	MW-6D_04_23_2013	N	< 0.001	U		0.0007	J		0.0019			< 0.001	U		0.0771			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-6D_10_25_2013	N	< 0.001	U		0.00058	J	J	0.0015		J	< 0.001	U		0.0547		J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	MW-6D_04_08_2014	N	< 0.001	U		0.00065	J		0.0017			< 0.001	U		0.0632			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00025	J		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-6D_10_21_2014	N	< 0.001	U		0.00057	J		0.0013			< 0.001	U		0.05			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-6D	N	< 0.001	U		0.00044	J		0.0012			< 0.001	U		0.0478			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.0002	J		< 0.001	U		< 0.001	U		< 0.002	U	
MW-6S	4/4/2011	MW-6S BAG_04_04_2011	N	< 0.001	U		0.00032	J		0.00028	J		< 0.001	U		0.0235			< 0.001	U		< 0.001	U		0.0028	J		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/4/2011	MW-6S PUMP_04_04_2011	N	< 0.001	U		0.00035	J		0.00042	J		< 0.001	U		0.0295			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	BLIND DUPLICATE BAG_06_07_2011	FD	< 0.001	U		0.00036	J		0.00069	J		< 0.001	U		0.0338			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	BLIND DUPLICATE_06_07_2011	FD	< 0.001	U		0.00042	J		0.00061	J		< 0.001	U		0.0319			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-6S BAG_06_07_2011	N	< 0.001	U		0.00042	J		0.00068	J		< 0.001	U		0.0344			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/7/2011	MW-6S_06_07_2011	N	< 0.001	U		0.00043	J		0.00056	J		< 0.001	U		0.0318			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/15/2011	MW-6S_09_15_2011	N	< 0.001	U		0.00037	J		0.00054	J		< 0.001	U		0.0246			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/15/2011	MW-6S_12_15_2011	N	0.00045	J		0.0004	J		0.00056	J		< 0.001	U		0.0353			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/14/2012	MW-6S_03_14_2012	N	0.00043	J		0.00027	J		0.0005	J		< 0.001	U		0.0299			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/26/2012	MW-6S_06_26_2012	N	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		0.0239			< 0.002	U		< 0.002	U		< 0.01	U		< 0.05	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.004	U	
	10/3/2012	MW-6S_10_03_2012	N	< 0.002	U		< 0.002	U		< 0.002	U		< 0.002	U		0.0547			< 0.002	U		< 0.002	U		< 0.01	U		< 0.05	U		< 0.002	U		< 0.002	U		< 0.002	U		< 0.004	U	
	4/23/2013	MW-6S_04_23_2013	N	< 0.001	U		0.00029	J		0.00047	J		< 0.001	U		0.0266			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/25/2013	MW-6S_10_25_2013	N	< 0.001	U		0.00024	J	J	0.00034	J	J	< 0.001	U		0.0244		J	< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/8/2014	MW-6S_04_08_2014	N	< 0.001	U		0.00042	J		0.00065	J		< 0.001	U		0.041			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	10/21/2014	MW-6S_10_21_2014	N	< 0.001	U		0.0004	J		< 0.001	U		< 0.001	U		0.04			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	4/10/2015	MW-6S	N	< 0.001	U		0.0004	J		0.00064	J		< 0.001	U		0.0392			< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
PZ-3	2/7/2008	PZ-3_02_07_2008	N	< 0.001	U		0.0014			< 0.001	U		< 0.001	U		0.0079			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	5/6/2008	PZ-3_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0036			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	8/29/2008	PZ-3_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0024			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	12/22/2008	PZ-3_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	3/19/2009	PZ-3_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0012			< 0.001	U		< 0.001	U		< 0.01	U		< 0.01	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	6/19/2009	PZ-3_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.01	U		0.0102			< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U	
	9/18/2009	PZ-3_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.05	U		< 0.05	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	12/23/2009	PZ-3_12_23_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0009	J		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	3/11/2010	PZ-3_03_11_2010	N	< 0.001	U		0.00037	J		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	6/28/2010	PZ-3_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	9/10/2010	PZ-3_09_10_2010	N	< 0.001	U		0.00071	J		< 0.001	U		< 0.001	U		0.0023			< 0.001	U		< 0.001	U		< 0.005	U		0.0946			< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U	
	12/16/2010	PZ-3_12_16_2010	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.025	U		0.00028	J		< 0.001	U		< 0.001	U		< 0.002	U	

J - Est. Value
UJ - Est. Reporting Limt
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Results Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 3
Groundwater Monitoring Analytical Data - Detects Only
Through April 2015
Brenntag Southwest, Inc. Wichita, KS

			Chemical Name	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			cis-1,2-Dichloroethene			Methylene Chloride			Methyl-tert-butyl-ether			Tetrachloroethene			Toluene			trans-1,2-Dichloroethene			Trichloroethene			Vinyl Chloride		
			RSK for Residential Groundwater Pathway	0.1			0.08			14			0.08			0.07			0.005			0.133			0.005			1			0.1			0.005			0.002		
			Units	mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L		
Well ID	Date	sys_sample_code	Sample Type	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
MW-1D	2/7/2008	MW-1D_02_07_2008	N	< 0.001	U		0.0013			< 0.001	U		< 0.001	U		0.0156			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0002	J		0.002			< 0.001	U	
	5/6/2008	MW-1D_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0091			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0014			< 0.001	U	
	8/29/2008	MW-1D_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.023			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00027	J		0.0031			< 0.001	U	
	12/22/2008	MW-1D_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0185			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0018			< 0.001	U	
	3/19/2009	MW-1D_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0307			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0016			< 0.001	U	R
	6/19/2009	MW-1D_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0623			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0022			0.0017		
	9/18/2009	MW-1D_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0386			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00189			0.00133		
	12/23/2009	MW-1D_12_23_2009	N	< 0.001	U		< 0.001	U		0.0021			< 0.001	U		0.046			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00066	J		0.0018			0.00074	J	
	3/11/2010	MW-1D_03_11_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0103			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00055	J		< 0.001	U	
	6/28/2010	MW-1D_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0111			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00068	J		< 0.001	U	
	9/10/2010	MW-1D_09_10_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.014			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00079	J		< 0.001	U	
	12/16/2010	MW-1D_12_16_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0265			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00048	J		0.0016			0.00068	J	
	4/4/2011	MW-1D BAG_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0114			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0011			< 0.001	U	
	6/7/2011	MW-1D BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0105			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00099	J		< 0.001	U	
	9/15/2011	MW-1D_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0165			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0018			0.00035	J	
	12/15/2011	MW-1D_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0133			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0018			< 0.001	U	
	3/14/2012	MW-1D_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0139			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0015			< 0.001	U	
	6/26/2012	MW-1D_06_26_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0131			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0017			< 0.001	U	
	10/3/2012	MW-1D_10_03_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0163			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00032	J		0.0021			< 0.001	U	
	4/23/2013	MW-1D_04_23_2013	N	0.00024	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0185			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00038	J		0.0017			< 0.001	U	
	10/25/2013	MW-1D_10_25_2013	N	0.00021	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0137			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00034	J		0.0017			< 0.001	U	
	4/8/2014	MW-1D_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0047			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0011			< 0.001	U	
	10/21/2014	MW-1D_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0036			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.001			< 0.001	U	
	4/10/2015	MW-1D	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0064			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0013			< 0.001	U	
MW-1S	2/7/2008	MW-1S_02_07_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0022			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.002			< 0.001	U	
	5/6/2008	MW-1S_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0063			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0025			< 0.001	U	
	8/29/2008	MW-1S_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.001			< 0.001	U	
	12/22/2008	MW-1S_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0011			< 0.001	U	
	3/19/2009	MW-1S_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0081			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0019			< 0.001	U	R
	6/19/2009	MW-1S_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0025			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	9/18/2009	MW-1S_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	12/23/2009	MW-1S_12_23_2009	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0014			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00075	J		< 0.001	U	
	3/11/2010	MW-1S_03_11_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0032			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00097	J		< 0.001	U	
	6/28/2010	MW-1S_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00047	J		< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00056	J		< 0.001	U	
	9/10/2010	MW-1S_09_10_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00061	J		< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00051	J		< 0.001	U	
	12/16/2010	MW-1S_12_16_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00059	J		< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00054	J		< 0.001	U	
	4/4/2011	MW-1S BAG_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0032			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0011			< 0.001	U	
	6/7/2011	MW-1S BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.001			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00065	J		< 0.001	U	
	9/15/2011	MW-1S_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0011			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00098	J		< 0.001	U	
	12/15/2011	MW-1S_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00053	J		< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0014			< 0.001	U	
	3/14/2012	MW-1S_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0012			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0026			< 0.001	U	
	6/26/2012	MW-1S_06_26_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0015			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0037			< 0.001	U	
	10/3/2012	MW-1S_10_03_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0016			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0032			< 0.001	U	
	4/23/2013	MW-1S_04_23_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.002			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0025			< 0.001	U	
	10/25/2013	MW-1S_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0014			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.003			< 0.001	U	
	4/8/2014	MW-1S_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0011			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00094	J		< 0.001	U	
	10/21/2014	MW-1S_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00082	J		< 0.001	U	
	4/10/2015	MW-1S	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0015			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0011			< 0.001	U	
MW-2D	2/7/2008	MW-2D_02_07_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0265			< 0.001	U		< 0.001	U		0.0038			< 0.001	U		0.00043	J		**0.0073**			< 0.001	U	
	5/6/2008	MW-2D_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		0.0014			0.011			< 0.001	U		< 0.001	U		0.0018			< 0.001	U		< 0.001	U		**0.012**			< 0.001	U	
	8/29/2008	MW-2D_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0414			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00073	J		**0.0151**			< 0.001	U	
	12/22/2008	MW-2D_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0174			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.0112**			< 0.001	U	
	3/19/2009	BLIND DUPLICATE_03_19_2009	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0453			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.0069**			< 0.001	U	R
	3/19/2009	MW-2D_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.04			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.006**			< 0.001	U	R
	6/19/2009	BLIND DUPLICATE_06_19_2009	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0382			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0037			< 0.001	U	
	6/19/2009	MW-2D_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0425			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0042			< 0.001	U	
	9/18/2009	BLIND DUP_09_18_2009	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0321			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00115			0.00492			0.00105		
	9/18/2009	MW-2D_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0382			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.00522**			0.00124		
	12/23/2009	MW-2D_12_23_2009	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0443			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00091	J		0.0048			0.001		
	3/11/2010	MW-2D_03_11_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00027	J		0.0231			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.0051**			0.00057	J	
	6/28/2010	MW-2D_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00038	J		0.011			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.0071**			< 0.001	U	
	9/10/2010	MW-2D_09_10_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00039	J		0.0145			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.0072**			< 0.001	U	
	12/16/2010	MW-2D_12_16_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0138			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0048			< 0.001	U	
	4/4/2011	MW-2D BAG_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0317			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00051	J		0.0039			0.0009	J	
	6/7/2011	MW-2D BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0323			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00054	J		0.0036			0.00078	J	
	9/15/2011	MW-2D_09_15_2011	N	0.00023	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0436			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00069	J		0.0037			0.0011		
	12/15/2011	MW-2D_12_15_2011	N	0.00023	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0334			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00064	J		0.0035			0.00047	J	
	3/14/2012	MW-2D_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0339			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00057	J		0.0025			0.00079	J	
	6/26/2012	MW-2D_06_26_2012	N	0.00025	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0472			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00071	J		0.002			0.00093	J	
	10/3/2012	MW-2D_10_03_2012	N	0.00029	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0419			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00072	J		0.0021			0.00093	J	
	4/23/2013	MW-2D_04_23_2013	N	0.00033	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0466			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00074	J		0.0014			0.0012		
	10/25/2013	MW-2D_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0246			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00058	J		**0.005**			0.00093	J	
	4/8/2014	MW-2D_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0163			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0025			0.00074	J	
	10/21/2014	MW-2D_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0246			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00052	J		0.0014			0.0016		
	4/10/2015	MW-2D	N	0.00023	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0196			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00052	J		0.0015			0.00063	J	

J - Est. Value
UJ - Est. Reporting Limt
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Results Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 3
Groundwater Monitoring Analytical Data - Detects Only
Through April 2015
Brenntag Southwest, Inc. Wichita, KS

			Chemical Name	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			cis-1,2-Dichloroethene			Methylene Chloride			Methyl-tert-butyl-ether			Tetrachloroethene			Toluene			trans-1,2-Dichloroethene			Trichloroethene			Vinyl Chloride		
			RSK for Residential Groundwater Pathway	0.1			0.08			14			0.08			0.07			0.005			0.133			0.005			1			0.1			0.005			0.002		
			Units	mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L		
Well ID	Date	sys_sample_code	Sample Type	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
MW-2S	2/7/2008	BLIND DUPLICATE_02_07_2008	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0491			< 0.001	U		< 0.001	U		**0.0947**			< 0.001	U		0.00079	J		**0.0091**			< 0.001	U	
	2/7/2008	MW-2S_02_07_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.053			< 0.001	U		< 0.001	U		**0.103**			< 0.001	U		0.00094	J		**0.0099**			< 0.001	U	
	5/6/2008	BLIND DUP_05_06_2008	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0047			< 0.001	U		< 0.001	U		**0.0241**			< 0.001	U		< 0.001	U		0.0031			< 0.001	U	
	5/6/2008	MW-2S_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0053			< 0.001	U		< 0.001	U		**0.0284**			< 0.001	U		< 0.001	U		0.0033			< 0.001	U	
	8/29/2008	BLIND DUP_08_29_2008	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0017			< 0.001	U		< 0.001	U		**0.0167**			< 0.001	U		< 0.001	U		0.0025			< 0.001	U	
	8/29/2008	MW-2S_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0027			< 0.001	U		< 0.001	U		**0.0192**			< 0.001	U		< 0.001	U		0.0037			< 0.001	U	
	12/22/2008	BLIND DUP_12_22_2008	FD	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0101			< 0.001	U		< 0.001	U		**0.0289**			< 0.001	U		< 0.001	U		0.003			< 0.001	U	
	12/22/2008	MW-2S_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0099			< 0.001	U		< 0.001	U		**0.0289**			< 0.001	U		< 0.001	U		0.0029			< 0.001	U	
	3/19/2009	MW-2S_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.0194**			< 0.001	U		< 0.001	U		0.0011			< 0.001	U	R
	6/19/2009	MW-2S_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.0181**			< 0.001	U		< 0.001	U		0.001			< 0.001	U	
	9/18/2009	MW-2S_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.001	U		**0.00646**			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	12/23/2009	MW-2S_12_23_2009	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00042	J		< 0.005	U		< 0.001	U		**0.007**			< 0.001	U		< 0.001	U		0.00058	J		< 0.001	U	
	3/11/2010	MW-2S_03_11_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.001	U		0.0041			< 0.001	U		< 0.001	U		0.00033	J		< 0.001	U	
	6/28/2010	MW-2S_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00052	J		< 0.005	U		< 0.001	U		0.0045			< 0.001	U		< 0.001	U		0.00047	J		< 0.001	U	
	9/10/2010	MW-2S_09_10_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0022			< 0.005	U		< 0.001	U		**0.0064**			< 0.001	U		< 0.001	U		0.0013			< 0.001	U	
	12/16/2010	MW-2S_12_16_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0018			< 0.005	U		< 0.001	U		**0.0073**			< 0.001	U		< 0.001	U		0.00089	J		< 0.001	U	
	4/4/2011	MW-2S BAG_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0026			< 0.005	U		< 0.001	U		**0.0079**			< 0.001	U		< 0.001	U		0.0013			< 0.001	U	
	6/7/2011	MW-2S BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0023			< 0.005	U		< 0.001	U		**0.0053**			< 0.001	U		< 0.001	U		0.0016			< 0.001	U	
	9/15/2011	MW-2S_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00069	J		0.0242			< 0.005	U		< 0.001	U		**0.0217**			< 0.001	U		0.00047	J		**0.0158**			< 0.001	U	
	12/15/2011	MW-2S_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00076	J		0.0311			< 0.005	U		< 0.001	U		**0.0575**			< 0.001	U		0.00066	J		**0.0082**			< 0.001	U	
	3/14/2012	MW-2S_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		0.0004	J		0.0198			< 0.005	U		< 0.001	U		**0.0454**			< 0.001	U		0.00041	J		0.0048			< 0.001	U	
	6/26/2012	MW-2S_06_26_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00037	J		0.016			< 0.005	U		< 0.001	U		**0.0464**			< 0.001	U		< 0.001	U		**0.0052**			< 0.001	U	
	10/3/2012	MW-2S_10_03_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0039			< 0.005	U		< 0.001	U		**0.0116**			< 0.001	U		< 0.001	U		0.0034			< 0.001	U	
	4/23/2013	MW-2S_04_23_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0051			< 0.005	U		< 0.001	U		**0.0121**			< 0.001	U		< 0.001	U		0.0033			< 0.001	U	
	10/25/2013	MW-2S_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0014			< 0.005	U		< 0.001	U		**0.0051**			< 0.001	U		< 0.001	U		0.0041			< 0.001	U	
	4/8/2014	MW-2S_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00038	J		< 0.005	U		< 0.001	U		0.0024			< 0.001	U		< 0.001	U		0.0019			< 0.001	U	
	10/21/2014	MW-2S_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00048	J		< 0.005	U		< 0.001	U		0.00068	J		< 0.001	U		< 0.001	U		0.0024			< 0.001	U	
	4/10/2015	MW-2S	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00056	J		< 0.005	U		< 0.001	U		0.0024			< 0.001	U		< 0.001	U		0.0019			< 0.001	U	
MW-3D	2/7/2008	MW-3D_02_07_2008	N	< 0.001	U		0.0019			< 0.001	U		0.0013			0.0172			< 0.001	U		< 0.001	U		**0.006**			< 0.001	U		0.00032	J		0.0047			< 0.001	U	
	5/6/2008	MW-3D_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0615			< 0.001	U		< 0.001	U		0.0012			< 0.001	U		0.0016			**0.0116**			0.0018		
	8/29/2008	MW-3D_08_29_2008	N	< 0.001	U		0.0018			< 0.001	U		< 0.001	U		0.0611			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0012			**0.0095**			0.0017		
	12/22/2008	MW-3D_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.0708**			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0013			**0.0069**			**0.0022**		
	3/19/2009	MW-3D_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.11**			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0024			**0.0065**			**0.0029**		J
	6/19/2009	MW-3D_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.113**			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0027			**0.0061**			**0.0027**		
	9/18/2009	MW-3D_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0314			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0034			0.00104		
	12/23/2009	MW-3D_12_23_2009	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0946**		J	< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.003			0.004			**0.0028**		
	3/11/2010	BLIND DUPLICATE_03_11_2010	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0809**		J	< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0015			0.0032			**0.0024**		
	3/11/2010	MW-3D_03_11_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00027	J		**0.0301**		J	< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00057	J		0.0023			0.00096	J	
	6/28/2010	MW-3D_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0498			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0013			0.0036			0.0014		
	9/10/2010	MW-3D_09_10_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0544		J	< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.001			0.0037			0.0018		
	12/16/2010	MW-3D_12_16_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0521		J	< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00083	J		0.0027			0.0015		
	4/4/2011	BLIND DUPLICATE_02_04_04_2011	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.058			< 0.005	U		< 0.001	U		< 0.001	U		0.00035	J		0.001			**0.005**			0.0016		
	4/4/2011	MW-3D BAG_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0291			< 0.005	U		< 0.001	U		0.00026	J		< 0.001	U		0.00051	J		0.0026			< 0.001	U	
	4/4/2011	MW-3D PUMP_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0478			< 0.005	U		< 0.001	U		< 0.001	U		0.00035	J		0.00089	J		0.0041			0.0012		
	6/7/2011	MW-3D BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0564			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0009	J		0.0029			0.0012		
	6/7/2011	MW-3D PUMP_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0516			< 0.005	U		< 0.001	U		< 0.001	U		0.00036	J		0.00087	J		0.0035			0.0015		
	9/15/2011	MW-3D_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0526			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00099	J		0.0034			0.0016		
	12/15/2011	MW-3D_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0448			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0009	J		0.0028			0.0012		
	3/14/2012	MW-3D_03_14_2012	N	< 0.001	U		< 0.001	U		0.00053	J		< 0.001	U		0.0217			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00043	J		0.0025			< 0.001	U	
	6/26/2012	MW-3D_06_26_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0714**			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0015			0.002			**0.002**		
	10/3/2012	BLIND DUP-D_10_03_2012	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0594			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0014			0.0018			0.0016		
	10/3/2012	MW-3D_10_03_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0362			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00077	J		0.0029			0.00074	J	
	4/23/2013	BLIND DUP-D_04_23_2013	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0857**			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0018			0.0017			**0.0021**		
	4/23/2013	MW-3D_04_23_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.06			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0013			0.0017			0.0014		
	10/25/2013	BLIND DUP D_10_25_2013	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0527		J	< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0011		J	0.0023		J	0.00097	J	J
	10/25/2013	MW-3D_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0535			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0015			0.0029			0.0011		
	4/8/2014	BLIND DUP-D_04_08_2014	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0615			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0017			0.0013			0.0014		
	4/8/2014	MW-3D_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0627			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0013			0.0013			0.0019		
	10/21/2014	BLIND DUP-D_10_21_2014	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0397			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00087	J		0.0016			< 0.001	U	
	10/21/2014	MW-3D_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0429			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00087	J		0.0015			< 0.001	U	
	4/10/2015	DUP-D	FD	0.00028	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0465			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00094	J		0.0014			0.0011		
	4/10/2015	MW-3D	N	0.00026	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0474			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.001			0.0012			0.0011		
MW-3S	2/7/2008	MW-3S_02_07_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0053			< 0.001	U		< 0.001	U		**0.0501**			< 0.001	U		< 0.001	U		**0.0165**			< 0.001	U	
	5/6/2008	MW-3S_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0074			< 0.001	U		< 0.001	U		**0.0193**			< 0.001	U		< 0.001	U		**0.0156**			< 0.001	U	
	8/29/2008	MW-3S_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0058			< 0.001	U		< 0.001	U		**0.0119**			< 0.001	U		< 0.001	U		**0.0168**			< 0.001	U	
	12/22/2008	MW-3S_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0028			< 0.001	U		< 0.001	U		**0.011**			< 0.001	U		< 0.001	U		**0.014**			< 0.001	U	
	3/19/2009	MW-3S_03_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0015			< 0.001	U		< 0.001	U		**0.0165**			< 0.001	U		< 0.001	U		**0.012**			< 0.001	U	R
	6/19/2009	MW-3S_06_19_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.001			< 0.001	U		< 0.001	U		**0.0072**			< 0.001	U		< 0.001	U		**0.0071**			< 0.001	U	
	9/18/2009	MW-3S_09_18_2009	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.001	U		0.00383			< 0.001	U		< 0.001	U		0.00478			< 0.001	U	
	12/23/2009	BLIND DUP_12_23_2009	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00029	J		< 0.005	U		< 0.001	U		**0.0145**			< 0.001	U		< 0.001	U		0.0045			< 0.001	U	
	12/23/2009	MW-3S_12_23_2009	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00028	J		< 0.005	U		< 0.001	U		**0.017**			< 0.001	U		< 0.001	U		0.0049			< 0.001	U	
	3/11/2010	MW-3S_03_11_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.001	U		**0.0158**			< 0.001	U		< 0.001	U		0.0044			< 0.001	U	
	6/28/2010	BLIND DUPLICATE_06_28_2010	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0012			< 0.005	U		< 0.001	U		**0.0102**			< 0.001	U		< 0.001	U		**0.0053**			< 0.001	U	
	6/28/2010	MW-3S_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0013			< 0.005	U		< 0.001	U		**0.0111**			< 0.001	U		< 0.001	U		**0.0056**			< 0.001	U	

J - Est. Value
UJ - Est. Reporting Limt
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Results Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 3
Groundwater Monitoring Analytical Data - Detects Only
Through April 2015
Brenntag Southwest, Inc. Wichita, KS

			Chemical Name	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			cis-1,2-Dichloroethene			Methylene Chloride			Methyl-tert-butyl-ether			Tetrachloroethene			Toluene			trans-1,2-Dichloroethene			Trichloroethene			Vinyl Chloride		
			RSK for Residential Groundwater Pathway	0.1			0.08			14			0.08			0.07			0.005			0.133			0.005			1			0.1			0.005			0.002		
			Units	mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L		
Well ID	Date	sys_sample_code	Sample Type	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
MW-3S (cont'd)	9/10/2010	BLIND DUPLICATE_09_10_2010	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0014			< 0.005	U		< 0.001	U		**0.0248**			< 0.001	U		< 0.001	U		**0.0059**			< 0.001	U	
	9/10/2010	MW-3S_09_10_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0016			< 0.005	U		< 0.001	U		**0.0319**			< 0.001	U		< 0.001	U		**0.0068**			< 0.001	U	
	12/16/2010	BLIND DUP_12_16_2010	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00055	J		< 0.005	U		< 0.001	U		**0.0135**			< 0.001	U		< 0.001	U		0.004			< 0.001	U	
	12/16/2010	MW-3S_12_16_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00054	J		< 0.005	U		< 0.001	U		**0.0146**			< 0.001	U		< 0.001	U		0.0041			< 0.001	U	
	4/4/2011	MW-3S BAG_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0024			< 0.005	U		< 0.001	U		**0.0149**			< 0.001	U		< 0.001	U		**0.0063**			< 0.001	U	
	4/4/2011	MW-3S PUMP_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0079			< 0.005	U		< 0.001	U		**0.0072**			0.00024	J		< 0.001	U		**0.0059**			< 0.001	U	
	6/7/2011	MW-3S BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0037		J	< 0.005	U		< 0.001	U		**0.0162**			< 0.001	U		< 0.001	U		**0.0065**			< 0.001	U	
	6/7/2011	MW-3S PUMP_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0122			< 0.005	U		< 0.001	U		**0.0062**			< 0.001	U		< 0.001	U		**0.0059**			< 0.001	U	
	9/15/2011	MW-3S_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.006			< 0.005	U		< 0.001	U		**0.0243**			< 0.001	U		< 0.001	U		**0.008**			< 0.001	U	
	12/15/2011	BLIND DUPLICATE_12_15_2011	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0047			< 0.005	U		< 0.001	U		**0.0284**			< 0.001	U		< 0.001	U		**0.0065**			< 0.001	U	
	12/15/2011	MW-3S_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00024	J		0.0051			< 0.005	U		< 0.001	U		**0.0283**			< 0.001	U		< 0.001	U		**0.0072**			< 0.001	U	
	3/14/2012	BLIND DUPLICATE_03_14_2012	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0024			< 0.005	U		< 0.001	U		**0.0279**			< 0.001	U		< 0.001	U		**0.0056**			< 0.001	U	
	3/14/2012	MW-3S_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0026			< 0.005	U		< 0.001	U		**0.0267**			< 0.001	U		< 0.001	U		**0.0055**			< 0.001	U	
	6/26/2012	BLIND DUP_06_26_2012	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.002			< 0.005	U		< 0.001	U		**0.0083**			< 0.001	U		< 0.001	U		**0.005**			< 0.001	U	
	6/26/2012	MW-3S_06_26_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0014			< 0.005	U		< 0.001	U		**0.0121**			< 0.001	U		< 0.001	U		**0.0054**			< 0.001	U	
	10/3/2012	BLIND DUP-S_10_03_2012	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0024			< 0.005	U		< 0.001	U		**0.0209**			< 0.001	U		< 0.001	U		0.0047			< 0.001	U	
	10/3/2012	MW-3S_10_03_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0026			< 0.005	U		< 0.001	U		**0.0233**			< 0.001	U		< 0.001	U		0.0049			< 0.001	U	
	4/23/2013	BLIND DUP-S_04_23_2013	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0022			< 0.005	U		< 0.001	U		**0.0378**			< 0.001	U		< 0.001	U		0.003			< 0.001	U	
	4/23/2013	MW-3S_04_23_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0023			< 0.005	U		< 0.001	U		**0.0379**			< 0.001	U		< 0.001	U		0.0031			< 0.001	U	
	10/25/2013	BLIND DUP S_10_25_2013	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0012		J	< 0.005	U		< 0.001	U		**0.0106**		J	< 0.001	U		< 0.001	U		0.0016		J	< 0.001	U	
	10/25/2013	MW-3S_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0016			< 0.005	U		< 0.001	U		**0.0113**			< 0.001	U		< 0.001	U		0.0019			< 0.001	U	
	4/8/2014	BLIND DUP-S_04_08_2014	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0013			< 0.005	U		< 0.001	U		**0.0242**			< 0.001	U		< 0.001	U		0.0015			< 0.001	U	
	4/8/2014	MW-3S_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00087	J		< 0.005	U		< 0.001	U		**0.0217**			< 0.001	U		< 0.001	U		0.0014			< 0.001	U	
	10/21/2014	BLIND DUP-S_10_21_2014	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.001	U		**0.0211**			< 0.001	U		< 0.001	U		0.0015			< 0.001	U	
	10/21/2014	MW-3S_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00044	J		< 0.005	U		< 0.001	U		**0.0193**			< 0.001	U		< 0.001	U		0.002			< 0.001	U	
	4/10/2015	DUP-S	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0052			< 0.005	U		< 0.001	U		**0.0021**			< 0.001	U		< 0.001	U		0.0028			< 0.001	U	
	4/10/2015	MW-3S	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0057			< 0.005	U		< 0.001	U		**0.002**			< 0.001	U		< 0.001	U		0.003			< 0.001	U	
MW-4D	4/4/2011	MW-4D BAG_04_04_2011	N	< 0.001	U		0.0019			< 0.002	U		0.0013			0.0201			< 0.005	U		< 0.001	U		0.00069	J		< 0.001	U		< 0.001	U		0.002			0.00044	J	
	6/7/2011	MW-4D BAG_06_07_2011	N	0.00033	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0354			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00057	J		0.0032			0.001		
	9/15/2011	MW-4D_09_15_2011	N	0.0003	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0315			< 0.005	U		< 0.001	U		0.00026	J		< 0.001	U		0.00048	J		0.0032			0.00077	J	
	12/15/2011	MW-4D_12_15_2011	N	0.00027	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0226			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0004	J		0.0027			0.00049	J	
	3/14/2012	MW-4D_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0179			< 0.005	U		< 0.001	U		0.00059	J		< 0.001	U		< 0.001	U		0.0023			< 0.001	U	
	6/26/2012	MW-4D_06_26_2012	N	0.00021	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0201			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0028			< 0.001	U	
	10/3/2012	MW-4D_10_03_2012	N	0.00026	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0192			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00046	J		0.0029			< 0.001	U	
	4/23/2013	MW-4D_04_23_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0143			< 0.005	U		< 0.001	U		0.0004	J		< 0.001	U		0.00033	J		0.0023			< 0.001	U	
	10/25/2013	MW-4D_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0181			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00045	J		0.0024			< 0.001	U	
	4/8/2014	MW-4D_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0136			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0017			< 0.001	U	
	10/21/2014	MW-4D_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0111			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0019			< 0.001	U	
	4/10/2015	MW-4D	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0107			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00021	J		0.0017			< 0.001	U	
MW-4S	4/4/2011	MW-4S PUMP_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0044			< 0.005	U		< 0.001	U		0.00065	J		0.0002	J		< 0.001	U		0.0019			< 0.001	U	
	6/7/2011	MW-4S BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00052	J		0.00081	J		< 0.005	U		< 0.001	U		0.0045			< 0.001	U		< 0.001	U		0.00081	J		< 0.001	U	
	9/15/2011	MW-4S_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00029	J		0.00091	J		< 0.005	U		< 0.001	U		0.0049			< 0.001	U		< 0.001	U		0.0011			< 0.001	U	
	12/15/2011	MW-4S_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00079	J		< 0.005	U		< 0.001	U		0.0013			< 0.001	U		< 0.001	U		0.00058	J		< 0.001	U	
	3/14/2012	MW-4S_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.001			< 0.005	U		< 0.001	U		0.0011			< 0.001	U		< 0.001	U		0.0007	J		< 0.001	U	
	6/26/2012	MW-4S_06_26_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00082	J		< 0.005	U		< 0.001	U		0.0032			< 0.001	U		< 0.001	U		0.00066	J		< 0.001	U	
	10/3/2012	MW-4S_10_03_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0015			< 0.005	U		< 0.001	U		0.0011			< 0.001	U		< 0.001	U		0.0008	J		< 0.001	U	
	4/23/2013	MW-4S_04_23_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	J	U	0.00053	J		< 0.005	U		< 0.001	U		0.0026			< 0.001	U		< 0.001	U		0.00064	J		< 0.001	U	
	10/25/2013	MW-4S_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00029	J		0.00046	J		< 0.005	U		< 0.001	U		0.0026			< 0.001	U		< 0.001	U		0.0004	J		< 0.001	U	
	4/8/2014	MW-4S_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.001	U		0.0011			< 0.001	U		< 0.001	U		0.00044	J		< 0.001	U	
	10/21/2014	MW-4S_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.001	U		0.001			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	4/10/2015	MW-4S	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0004	J		< 0.005	U		< 0.001	U		0.00078	J		< 0.001	U		< 0.001	U		0.00048	J		< 0.001	U	
MW-5D	4/4/2011	BLIND DUPLICATE_01_04_04_2011	FD	< 0.001	U		0.0015			< 0.002	U		0.0012			0.0389			< 0.005	U		< 0.001	U		0.00059	J		0.00025	J		0.00062	J		**0.0133**			0.0011		
	4/4/2011	MW-5D BAG_04_04_2011	N	< 0.001	U		0.0016			< 0.002	U		0.0013			0.0351			< 0.005	U		< 0.001	U		0.00066	J		0.00026	J		0.00059	J		**0.0126**			0.001		
	4/4/2011	MW-5D PUMP_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0824**			< 0.005	U		< 0.001	U		0.00037	J		0.00055	J		0.0013			**0.0173**			**0.0023**		
	6/7/2011	MW-5D BAG_06_07_2011	N	< 0.001	U		0.0011			< 0.002	U		0.001			0.0389			< 0.005	U		< 0.001	U		0.00071	J		0.00027	J		0.00069	J		**0.01**			0.0011		
	6/7/2011	MW-5D PUMP_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0795**			< 0.005	U		< 0.001	U		0.00033	J		0.00048	J		0.0018			**0.023**			**0.0036**		
	9/15/2011	MW-5D_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0622			< 0.005	U		< 0.001	U		0.00045	J		< 0.001	U		0.00099	J		**0.0172**			0.0017		
	12/15/2011	MW-5D_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0613			< 0.005	U		< 0.001	U		0.00035	J		0.0002	J		0.00091	J		**0.016**			0.0017		
	3/14/2012	MW-5D_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0365			< 0.005	U		< 0.001	U		0.00027	J		< 0.001	U		0.00041	J		**0.0094**			0.0004	J	
	6/26/2012	MW-5D_06_26_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0632			< 0.005	U		< 0.001	U		0.00041	J		< 0.001	U		0.00097	J		**0.0166**			0.0014		
	10/3/2012	MW-5D_10_03_2012	N	0.00024	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0569			< 0.005	U		0.0003	J		0.00067	J		< 0.001	U		0.00098	J		**0.0167**			0.0013		
	4/23/2013	MW-5D_04_23_2013	N	0.00028	J		< 0.001	U		< 0.002	U		< 0.001	U		0.057			< 0.005	U		< 0.001	U		0.0005	J		< 0.001	U		0.0012			**0.0137**			0.0012		
	10/25/2013	MW-5D_10_25_2013	N	0.0002	J	J	< 0.001	U		< 0.002	U		< 0.001	U		0.037		J	< 0.005	U		< 0.001	U		0.0007	J	J	< 0.001	U		0.001		J	**0.0146**		J	0.00081	J	J
	4/8/2014	MW-5D_04_08_2014	N	0.00025	J		< 0.001	U		< 0.002	U		< 0.001	U		0.039			< 0.005	U		< 0.001	U		0.00068	J		< 0.001	U		0.00097	J		**0.0146**			0.00076	J	
	10/21/2014	MW-5D_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0325			< 0.005	U		< 0.001	U		0.00064	J		< 0.001	U		0.00084	J		**0.0136**			0.00074	J	
	4/10/2015	MW-5D	N	0.00022	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0311			< 0.005	U		< 0.001	U		0.00071	J		< 0.001	U		0.00087	J		**0.0136**			0.00067	J	

J - Est. Value
UJ - Est. Reporting Limt
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Results Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Table 3
Groundwater Monitoring Analytical Data - Detects Only
Through April 2015
Brenntag Southwest, Inc. Wichita, KS

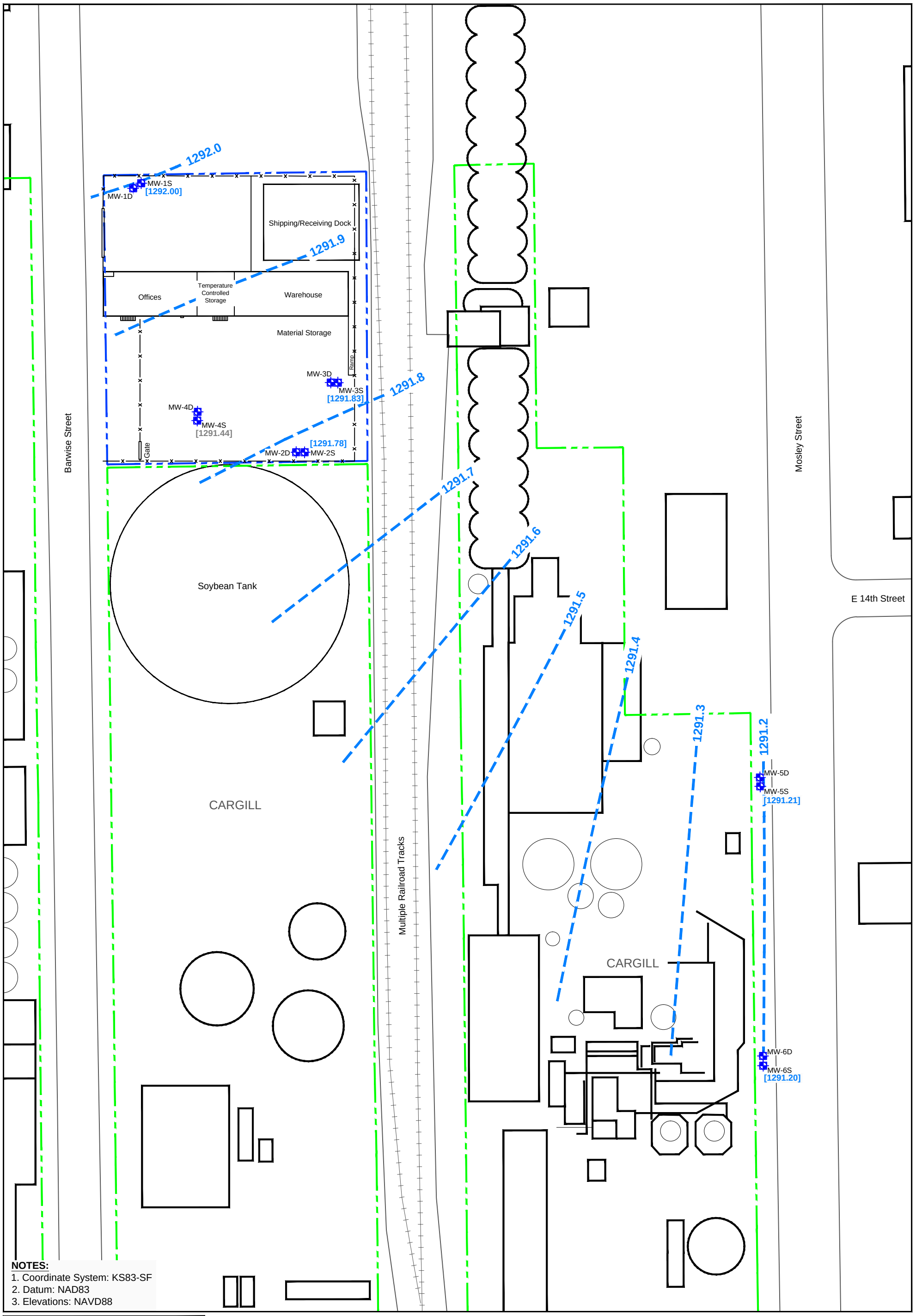
			Chemical Name	Chlorobenzene			Chlorodibromomethane			Chloroethane			Chloroform			cis-1,2-Dichloroethene			Methylene Chloride			Methyl-tert-butyl-ether			Tetrachloroethene			Toluene			trans-1,2-Dichloroethene			Trichloroethene			Vinyl Chloride		
			RSK for Residential Groundwater Pathway	0.1			0.08			14			0.08			0.07			0.005			0.133			0.005			1			0.1			0.005			0.002		
			Units	mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L			mg/L		
Well ID	Date	sys_sample_code	Sample Type	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual	Result	Lab Qual	Val Qual
MW-5S	4/4/2011	MW-5S BAG_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0227			< 0.005	U		< 0.001	U		**0.0279**			< 0.001	U		0.00062	J		**0.0317**			0.00064	J	
	4/4/2011	MW-5S PUMP_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0189			< 0.005	U		< 0.001	U		**0.0361**			0.00022	J		0.00059	J		**0.0225**			0.00042	J	
	6/7/2011	MW-5S BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0291			< 0.005	U		< 0.001	U		**0.018**			< 0.001	U		0.00079	J		**0.0314**			0.00086	J	
	6/7/2011	MW-5S PUMP_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.02			< 0.005	U		< 0.001	U		**0.0187**			< 0.001	U		0.00056	J		**0.0215**			0.00058	J	
	9/15/2011	MW-5S_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0047			< 0.005	U		< 0.001	U		**0.0122**			< 0.001	U		< 0.001	U		**0.0075**			< 0.001	U	
	12/15/2011	MW-5S_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0025			< 0.005	U		< 0.001	U		**0.0161**			< 0.001	U		< 0.001	U		0.0037			< 0.001	U	
	3/14/2012	MW-5S_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0189			< 0.005	U		< 0.001	U		**0.0072**			< 0.001	U		0.00046	J		**0.0148**			0.00036	J	
	6/26/2012	MW-5S_06_26_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0183			< 0.005	U		< 0.001	U		**0.0056**			< 0.001	U		< 0.001	U		**0.0148**			< 0.001	U	
	10/3/2012	MW-5S_10_03_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0193			< 0.005	U		< 0.001	U		**0.0064**			< 0.001	U		0.00043	J		**0.0149**			< 0.001	U	
	4/23/2013	MW-5S_04_23_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0225			< 0.005	U		< 0.001	U		0.0044			< 0.001	U		0.00055	J		**0.0143**			0.00061	J	
	10/25/2013	MW-5S_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0094		J	< 0.005	U		< 0.001	U		0.0049		J	< 0.001	U		0.00026	J	J	**0.0081**		J	< 0.001	U	
	4/8/2014	MW-5S_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0232			< 0.005	U		< 0.001	U		0.0046			< 0.001	U		0.00063	J		**0.0183**			0.00052	J	
	10/21/2014	MW-5S_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0017			< 0.005	U		< 0.001	U		0.0043			< 0.001	U		< 0.001	U		0.0038			< 0.001	U	
	4/10/2015	MW-5S	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0042			< 0.005	U		< 0.001	U		0.0035			< 0.001	U		< 0.001	U		**0.0053**			< 0.001	U	
MW-6D	4/4/2011	MW-6D BAG_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00035	J		0.0483		J	< 0.005	U		< 0.001	U		0.00072	J		0.00024	J		0.00077	J		**0.0108**		J	0.0015		
	4/4/2011	MW-6D PUMP_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0655			< 0.005	U		< 0.001	U		0.00084	J		0.00026	J		0.0011			**0.014**			0.0019		
	6/7/2011	MW-6D BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0847**			< 0.005	U		< 0.001	U		0.00065	J		< 0.001	U		0.0012			**0.0172**			**0.0021**		
	6/7/2011	MW-6D_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0788**		J	< 0.005	U		< 0.001	U		0.00081	J		< 0.001	U		0.0014			**0.0173**			**0.0025**		
	9/15/2011	MW-6D_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.08**			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0013			**0.0166**			0.0018		
	12/15/2011	MW-6D_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0841**			< 0.005	U		< 0.001	U		0.00044	J		< 0.001	U		0.0014			**0.0178**			**0.0024**		
	3/14/2012	MW-6D_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0763**			< 0.005	U		< 0.001	U		0.00056	J		< 0.001	U		0.0013			**0.0164**			0.0019		
	6/26/2012	MW-6D_06_26_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0671			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0012			**0.0167**			0.0017		
	10/3/2012	MW-6D_10_03_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0658			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0016			**0.0163**			0.0017		
	4/23/2013	MW-6D_04_23_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		**0.0756**			< 0.005	U		< 0.001	U		0.00042	J		< 0.001	U		0.0015			**0.0181**			0.0016		
	10/25/2013	MW-6D_10_25_2013	N	< 0.001	U		< 0.001	U		0.0006	J		< 0.001	U		0.0536		J	< 0.005	U		< 0.001	U		0.00047	J	J	< 0.001	U		0.0011		J	**0.0128**		J	0.00069	J	J
	4/8/2014	MW-6D_04_08_2014	N	0.00026	J		< 0.001	U		< 0.002	U		< 0.001	U		0.0619			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0013			**0.0085**			0.0014		
	10/21/2014	MW-6D_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0491			< 0.005	U		< 0.001	U		< 0.001	U		< 0.001	U		0.00091	J		**0.0116**			0.0012		
	4/10/2015	MW-6D	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0467			< 0.005	U		< 0.001	U		0.00054	J		< 0.001	U		0.0011			**0.0098**			0.00096	J	
MW-6S	4/4/2011	MW-6S BAG_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0232			< 0.005	U		< 0.001	U		**0.0225**			< 0.001	U		< 0.001	U		**0.0115**			**0.0029**		
	4/4/2011	MW-6S PUMP_04_04_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0291			< 0.005	U		< 0.001	U		**0.0266**			0.00031	J		0.0004	J		**0.0134**			**0.0027**		
	6/7/2011	BLIND DUPLICATE BAG_06_07_2011	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0333			< 0.005	U		< 0.001	U		**0.0102**			< 0.001	U		0.00049	J		**0.0165**			0.00069	J	
	6/7/2011	BLIND DUPLICATE_06_07_2011	FD	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0314			< 0.005	U		< 0.001	U		**0.025**			< 0.001	U		0.00054	J		**0.0156**			0.00085	J	
	6/7/2011	MW-6S BAG_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0338			< 0.005	U		< 0.001	U		**0.0101**			< 0.001	U		0.00054	J		**0.0169**			0.00078	J	
	6/7/2011	MW-6S_06_07_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0312			< 0.005	U		< 0.001	U		**0.0247**			< 0.001	U		0.00056	J		**0.0147**			0.0009	J	
	9/15/2011	MW-6S_09_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0242			< 0.005	U		< 0.001	U		**0.0216**			< 0.001	U		0.00037	J		**0.015**			0.00041	J	
	12/15/2011	MW-6S_12_15_2011	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0347			< 0.005	U		< 0.001	U		**0.0794**			< 0.001	U		0.00055	J		**0.0221**			< 0.001	U	
	3/14/2012	MW-6S_03_14_2012	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0292			< 0.005	U		< 0.001	U		**0.181**			< 0.001	U		0.00072	J		**0.0263**			0.00058	J	
	6/26/2012	MW-6S_06_26_2012	N	< 0.002	U		< 0.002	U		< 0.004	U		< 0.002	U		0.0239			0.0066	J		< 0.002	U		**0.134**			< 0.002	U		< 0.002	U		**0.0198**			0.0011	J	
	10/3/2012	MW-6S_10_03_2012	N	< 0.002	U		< 0.002	U		< 0.004	U		< 0.002	U		0.0547			< 0.01	U		< 0.002	U		**0.0682**			< 0.002	U		< 0.002	U		**0.0181**			**0.0038**		
	4/23/2013	MW-6S_04_23_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0258			< 0.005	U		< 0.001	U		**0.0694**			< 0.001	U		0.00082	J		**0.0188**			0.00056	J	
	10/25/2013	MW-6S_10_25_2013	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0238		J	< 0.005	U		< 0.001	U		**0.0363**		J	< 0.001	U		0.00058	J	J	**0.0148**		J	< 0.001	U	
	4/8/2014	MW-6S_04_08_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0401			< 0.005	U		< 0.001	U		**0.0442**			< 0.001	U		0.00092	J		**0.0128**			0.00067	J	
	10/21/2014	MW-6S_10_21_2014	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0389			< 0.005	U		< 0.001	U		**0.0315**			< 0.001	U		0.0011			**0.0136**			0.0012		
	4/10/2015	MW-6S	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.038			< 0.005	U		< 0.001	U		**0.0424**			< 0.001	U		0.0012			**0.0139**			0.00054	J	
PZ-3	2/7/2008	PZ-3_02_07_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0076			< 0.001	U		< 0.001	U		**0.117**			< 0.001	U		< 0.001	U		**0.0081**			< 0.001	U	
	5/6/2008	PZ-3_05_06_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0036			< 0.001	U		< 0.001	U		**0.0734**			< 0.001	U		< 0.001	U		0.0044			< 0.001	U	
	8/29/2008	PZ-3_08_29_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0024			< 0.001	U		< 0.001	U		**0.0209**			< 0.001	U		< 0.001	U		0.0019			< 0.001	U	
	12/22/2008	PZ-3_12_22_2008	N	< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		**0.0252**			< 0.001	U		< 0.001	U		0.0015			< 0.001	U	
	3/19/2009	PZ-3_03_19_2009	N	0.0019			< 0.001	U		< 0.001	U		< 0.001	U		0.0012			< 0.001	U		< 0.001	U		**0.0127**			< 0.001	U		< 0.001	U		0.0011			< 0.001	U	R
	6/19/2009	PZ-3_06_19_2009	N	0.0017			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		0.0026			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	9/18/2009	PZ-3_09_18_2009	N	0.0011			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U		< 0.005	U		< 0.001	U		**0.00702**			< 0.001	U		< 0.001	U		< 0.001	U		< 0.001	U	
	12/23/2009	PZ-3_12_23_2009	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0009	J		< 0.005	U		< 0.001	U		0.0016			< 0.001	U		< 0.001	U		0.0006	J		< 0.001	U	
	3/11/2010	PZ-3_03_11_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00064	J		< 0.005	U		< 0.001	U		**0.0232**			< 0.001	U		< 0.001	U		0.0023			< 0.001	U	
	6/28/2010	PZ-3_06_28_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.00065	J		< 0.005	U		< 0.001	U		**0.0122**			< 0.001	U		< 0.001	U		0.0013			< 0.001	U	
	9/10/2010	PZ-3_09_10_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		< 0.001	U		0.0023			< 0.005	U		< 0.001	U		**0.0487**			< 0.001	U		< 0.001	U		0.0048			< 0.001	U	
	12/16/2010	PZ-3_12_16_2010	N	< 0.001	U		< 0.001	U		< 0.002	U		0.00079	J		0.00048	J		< 0.005	U		< 0.001	U		**0.022**			< 0.001	U		< 0.001	U		0.0015			< 0.001	U	

Prepared by: DJD
Checked by: RMK

J - Est. Value
UJ - Est. Reporting Limt
R - Rejected
A - Subjected to Lab Contaminant
N - Normal
FD - Field Duplicate

Bold Results Exceed RSK Value
Lab Qual - Assigned by Lab
Val Qual - Assigned During Data Validation

Figures



NOTES:
1. Coordinate System: KS83-SF
2. Datum: NAD83
3. Elevations: NAVD88

LEGEND

	Monitoring Well Location
	Fence
	Brenntag Property Boundary
	Cargill Property Boundary
	Groundwater Contour (Ft. MSL)
[1292.00]	Groundwater Elevation (Ft. MSL)

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.

Foth

N

0 30 60 Feet

BRENNTAG SOUTHWEST

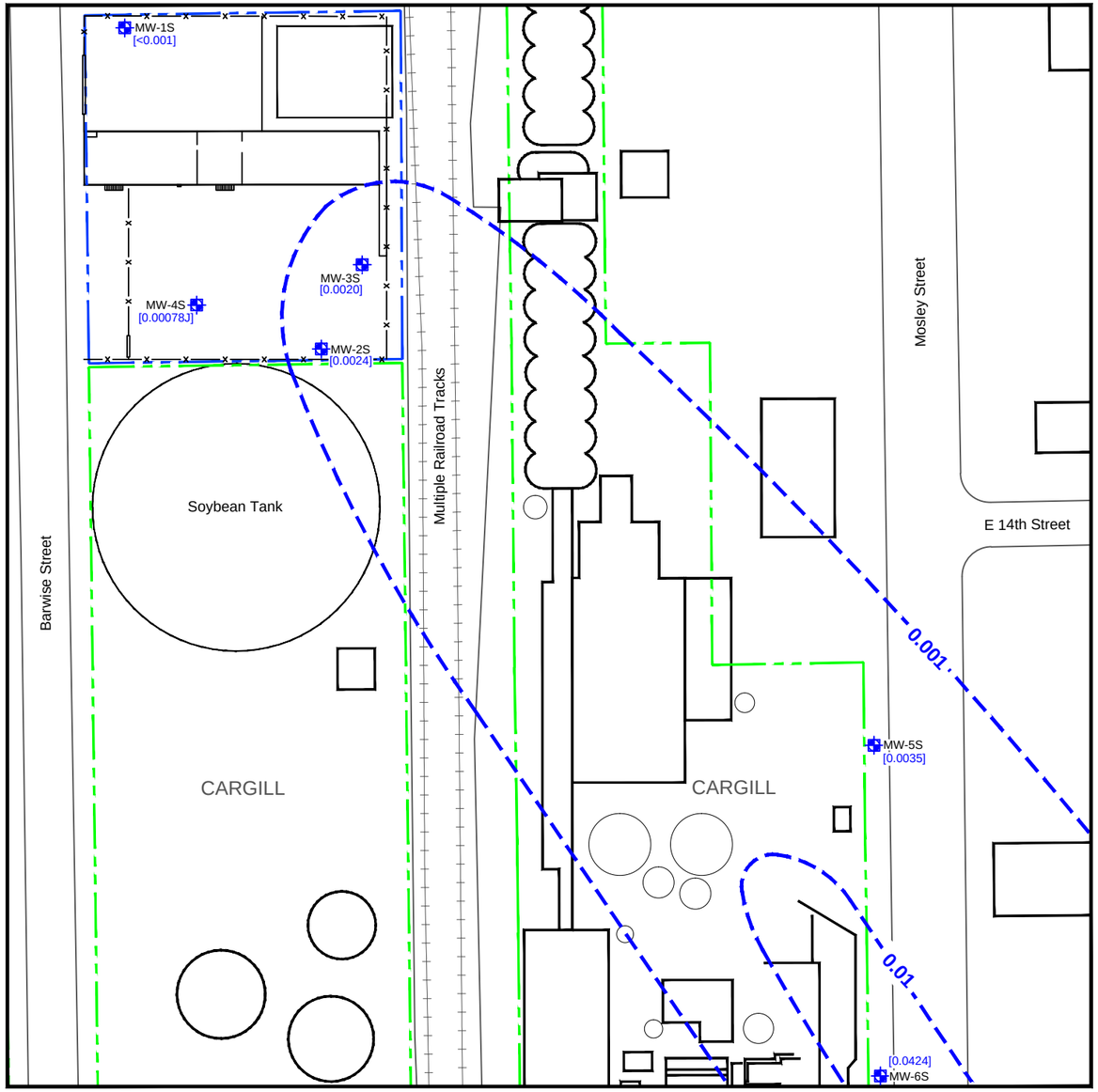
FIGURE 1

GROUNDWATER CONTOUR MAP - APRIL 2015
1520 N. BARWISE STREET
WICHITA, KANSAS

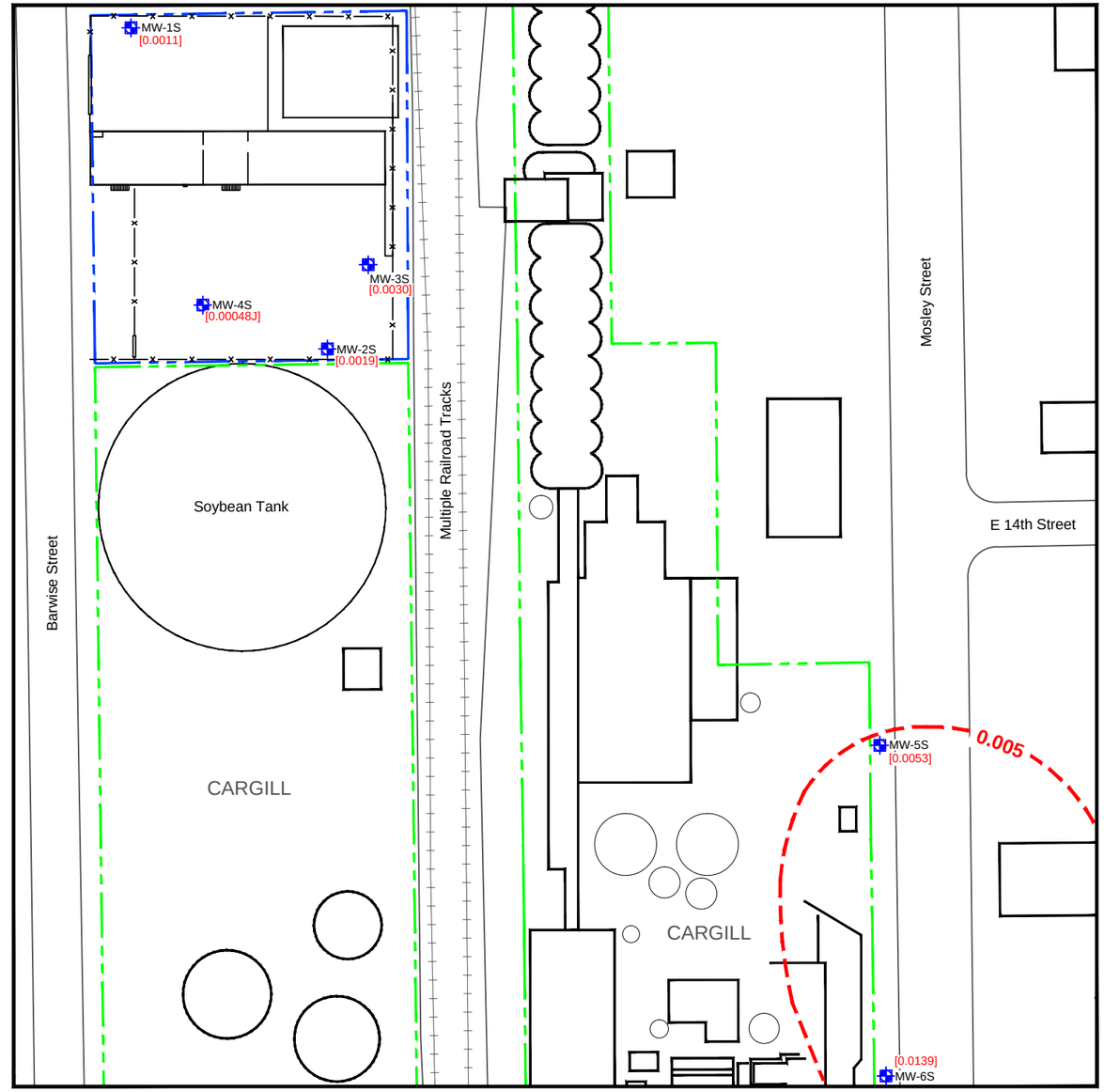
Date: JUNE 2015	Revision:	
Drawn By: ADM	Checked By: DJD	Scope: 15B477

Jun 16, 2015 - 7:43pm ADM1 X:\FOTH\IE\Brenntag SW\15B477-00\GIS\dwg\GW Report Figures\12B477_WatLev15 KS83-SF.dwg

PCE ISOCONCENTRATION CONTOURS



TCE ISOCONCENTRATION CONTOURS



LEGEND

- Monitoring Well Location
- Fence
- Brenntag Property Boundary
- Cargill Property Boundary
- 0.01 PCE Contour (mg/L)
- 0.01 TCE Contour (mg/L)

NOTE:
1. J = Estimated Value

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.

0 40 80 Feet

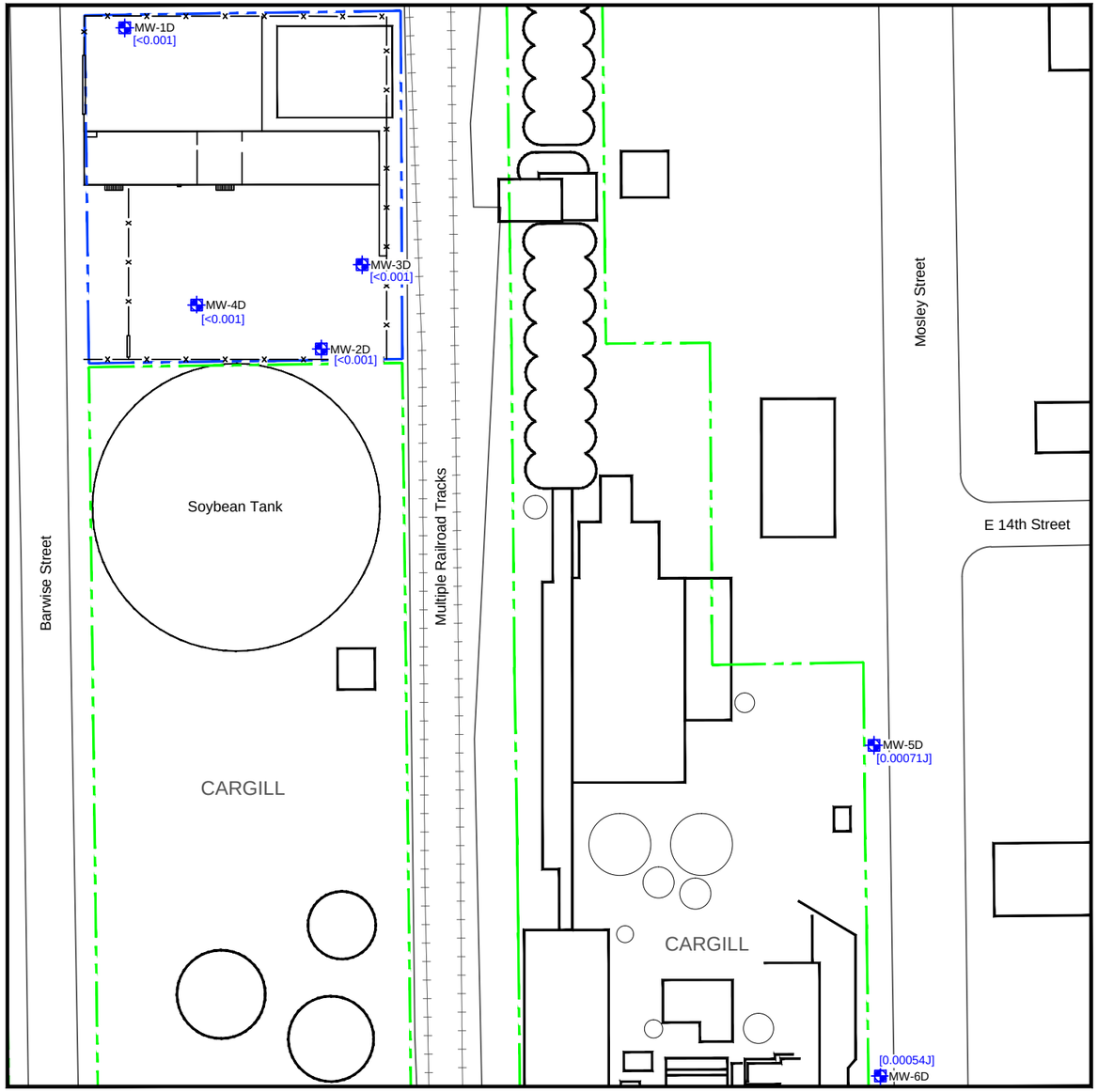
BRENNTAG SOUTHWEST

FIGURE 2
SHALLOW WELLS - APRIL 2015
1520 N. BARWISE STREET
WICHITA, KANSAS

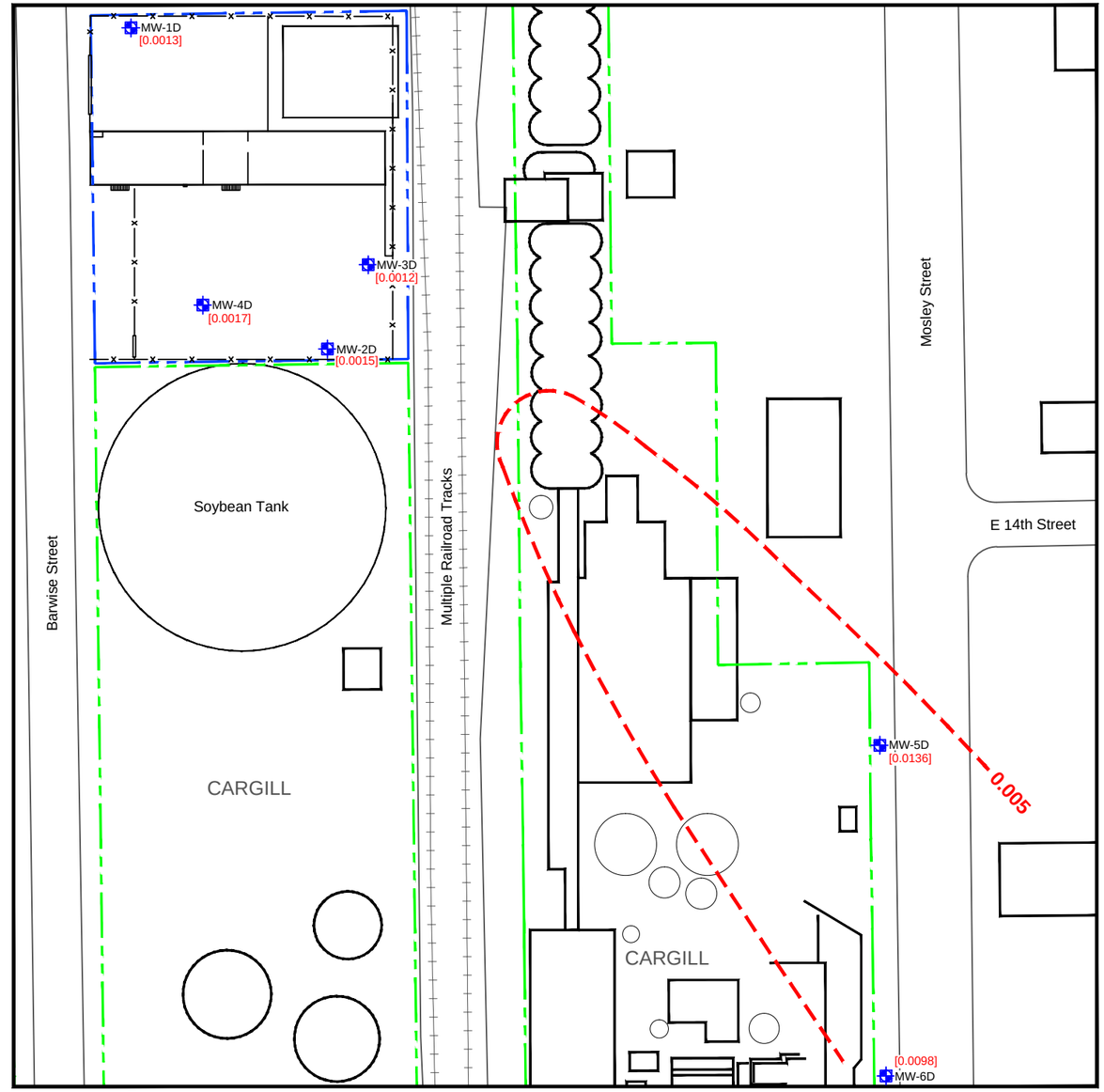
Date: JUNE 2015	Revision:	
Drawn By: ADM	Checked By: DJD	Scope: 15B477

Jun 18, 2015 - 9:22pm ADM1 X:\FOTH\IE\Brenntag SW\15B477-00\GIS\dwg\GW Report Figures\12B477_Analytical15 KS83-SF.dwg

PCE ISOCONCENTRATION CONTOURS



TCE ISOCONCENTRATION CONTOURS



LEGEND

- Monitoring Well Location
- Fence
- Brenntag Property Boundary
- Cargill Property Boundary
- 0.01 PCE Contour (mg/L)
- 0.01 TCE Contour (mg/L)

NOTE:
1. J = Estimated Value

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information and data used for reference purposes only.

0 40 80 Feet

BRENNTAG SOUTHWEST

FIGURE 3

DEEP WELLS - APRIL 2015
1520 N. BARWISE STREET
WICHITA, KANSAS

Date: JUNE 2015	Revision:	
Drawn By: ADM	Checked By: DJD	Scope: 15B477

Jun 18, 2015 - 9:27pm ADM1 X:\FOTH\IE\Brenntag SW\15B477-00\GIS\dwg\GW Report Figures\12B477_Analytical15 KS83-SF.dwg

Attachment 1
Groundwater Monitoring Field Forms

KDHE-BER Remedial Section Field Activities Notification Form

This NEW notification was created 03/26/2015 12:02:18 PM,
emailed to KDHE, and saved on the database with Notification ID : 9123192
Please Print this notification for your records and Close

*Project Name: Brenntag Southwest - Wichita KS
*KDHE Project Manager: Weiser, Ryan

Location of work:
*County: SEDGWICK
City (or nearest city): Wichita

Anticipated dates and duration of work:
*Start Date: 04/10/2015
*Duration of work (days): 1
☐ Check this box if work is expected to occur on any weekend or holiday days.

Primary Field Contact:
*Name: Doug Roy
*Affiliation/Company: GSI Engineering
*Primary Phone Number: 316-253-3713
Alternate Phone Number(s): 316-554-0725 office
Email Address: droy@gsinetwork.com

Alternate Contact:
*Name: Dan Davis
*Affiliation/Company: Foth Infrastructure and Environment
*Primary Phone Number: 417-836-3631 office
Alternate Phone Number(s): 417-693-3557 cell
Email Address: dan.davis@foth.com

***Brief Description of Work to Be Performed**
(Include persons, nature of activities, general location information, and anticipated schedule of activities):

On Friday, April 10, 2015, GSI personnel will conduct the routine semi-annual groundwater sampling for the Brenntag Southwest Facility at 1520 North Barwise in Wichita, Kansas.

Groundwater Monitoring Event

APRIL Month Year 2015

Project Name BRENNTAG

Project Location 1520 N. BARLOW

Project Number 087013

Well ID	Date	Depth to and/or LNAPLThickness	Depth to Water (from TOC)	Depth to and/or DNAPLThickness	Well Depth	Sample ID(s)	Sample Time
MW-1S	04-10-15	—	13.20	—	24.68	—	1230
MW-1D	↑		13.10		36.87		1245
MW-2S			14.76		24.84		1300
MW-2D		—	14.65		37.35		1315
MW-3S		DUP-S	14.71		24.86		1320
MW-3D		DUP-D	14.73		37.85		1325
MW-4S		—	14.73		25.20		1350
MW-4D			14.33		37.98		1400
MW-5S			13.63		26.34		1425
MW-5D			13.65		33.52		1430
MW-6S	↓		13.54		25.29		1445
MW-6D	04-10-15	—	13.55	—	33.10	—	1450

Sean @ Brenntag - 833-7897

04-10-15 - Said to give him a call from now on - due to others being let go, at least a days notice so he can unlock gates.

Accutest Laboratories Southeast
Chain of Custody

ACCUTEST LABORATORIES

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX: 407-425-0707
www.accutest.com

Accutest JOB # PAGE 1 OF 2

Accutest Quote # SKIFF#

Client / Reporting Information

Company Name: FOTH INFRASTRUCTURE & ENV.
Address: 605 N. BOONVILLE
City: SPRINGFIELD State: MO. Zip: 65806
Project Contact: KRIS GAMBLE E-mail: kris@foth.com
Phone#: 417-864-6444
Sampler(s) Name(s) (Printed): DONNA J. KUHN

Project Information

Project Name: BRENNTAG
Street: 1520 N. BARWISE
City: WICHITA State: KS.
Project #: 087013
Fax #: 316-554-0744
Client Purchase Order #:

Analytical Information

SW8260D x46 VOC's

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

Accutest Sample #	Field ID / Point of Collection	COLLECTION DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZNAC	DI WATER	MeOH	SW8260D x46 VOC's	LAB USE ONLY
	MW-1S	4/19/15	1230	DK	GW	3			X								
	MW-1D	↑	1245	↑	↑	3			X								
	MW-2S		1300			3			X								
	MW-2D		1315			3			X								
	MW-3S		1320			3			X								
	MW-3D		1325			3			X								
	MW-4S		1350			3			X								
	MW-4D		1400			3			X								
	MW-5S		1425			3			X								
	MW-5D		1430			3			X								
	MW-6S	↓	1445	↓	↓	3			X								
	MW-6D	4/19/15	1450	DK	GW	3			X								

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [x] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [ ] EDD'S

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by :	Date Time:	Received By:
1 Donna Kuhn	4/19/15 1530	2	3		4
Relinquished by:	**Date Time:**	**Received By:**	**Relinquished by:**	**Date Time:**	**Received By:**
5		6	7		8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: _____

Accutest Laboratories Southeast
Chain of Custody

ACCUTEST LABORATORIES

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX: 407-425-0707
www.accutest.com

Accutest JOB # | PAGE 2 OF 2

Accutest Quote # | SKIFF#

Client / Reporting Information

Company Name: FOTH INFRASTRUCTURE & ENV.
Address: 1005 N. BOONVILLE
City: Springfield State: MO Zip: 65806
Project Contact: KRIS GAMBLE E-mail: KRIS@foth.com
Phone#: 417-864-6444
Sampler(s) Name(s) (Printed): DONNA J. KURTZ

Project Information

Project Name: BRENNTAG
Street: 1520 N. BREWISE
City: WICHITA State: KANSAS
Project #: 087013
Fax #: 316-554-0744
Client Purchase Order #

Analytical Information

SW 8260 8/16 VOC

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

Accutest Sample #	Field ID / Point of Collection	Collection: Date	Time	Sampled By	Matrix	Total # of Bottles	Container Information: OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MEOH	SW 8260 8/16 VOC										LAB USE ONLY
	DUP-S	4/14/15	—	DK	GW	3			X							X										
	DUP-D	↕	—	DK	GW	3			X							X										
	Trip blanks	4/14/15	—	—	GW	2			X							X										

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [X] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [ ] EDD'S

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by :	Date Time:	Received By:
1 Donna Kurtz	4/14/15 1530	2	3		4
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
5		6	7		8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: _____

Attachment 2

Graphical Trend Analysis

MW-1S

MW-1D

MW-2S

MW-2D

MW-3S

MW-3D

MW-4S

MW-4D

MW-5S

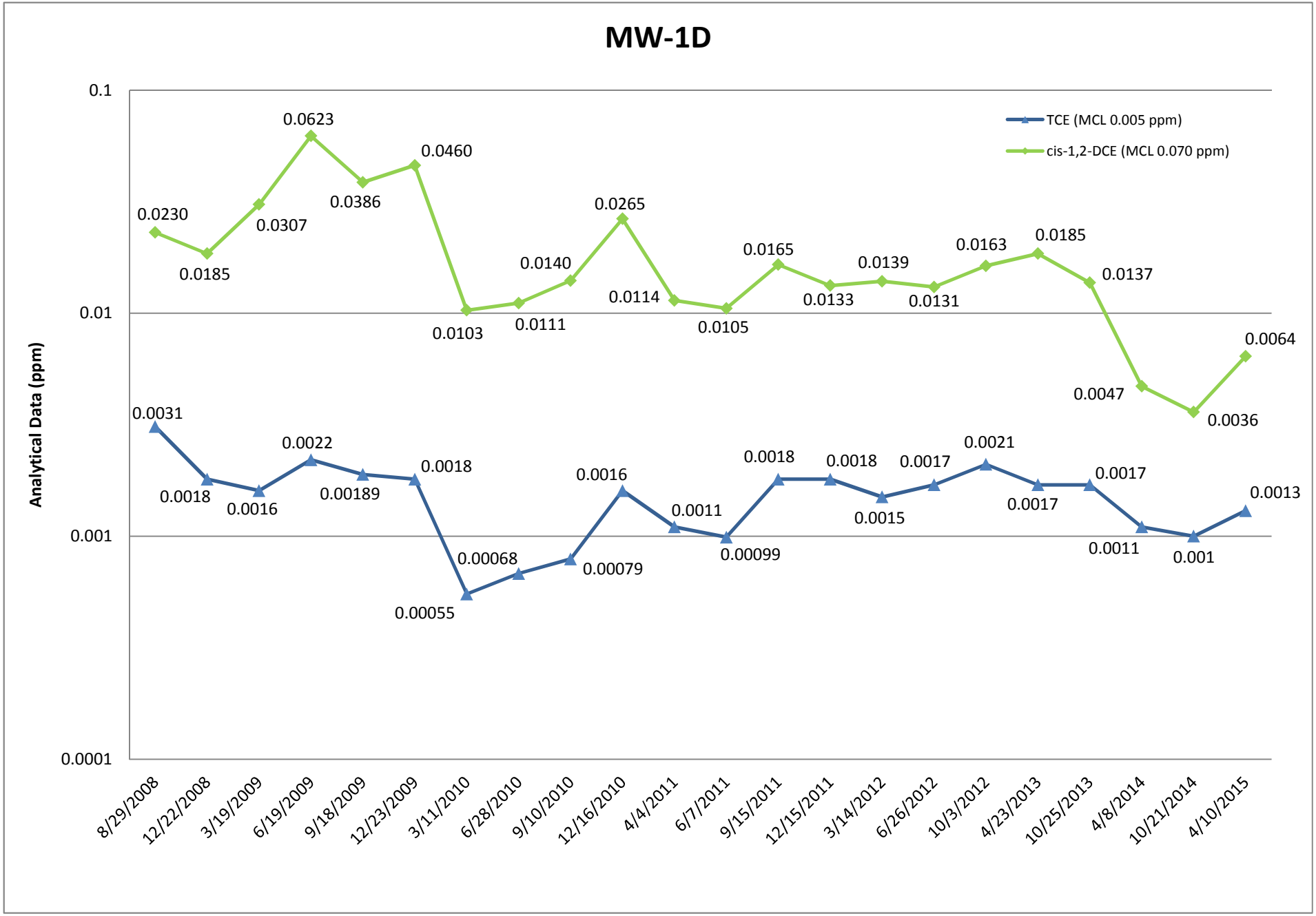
MW-5D

MW-6S

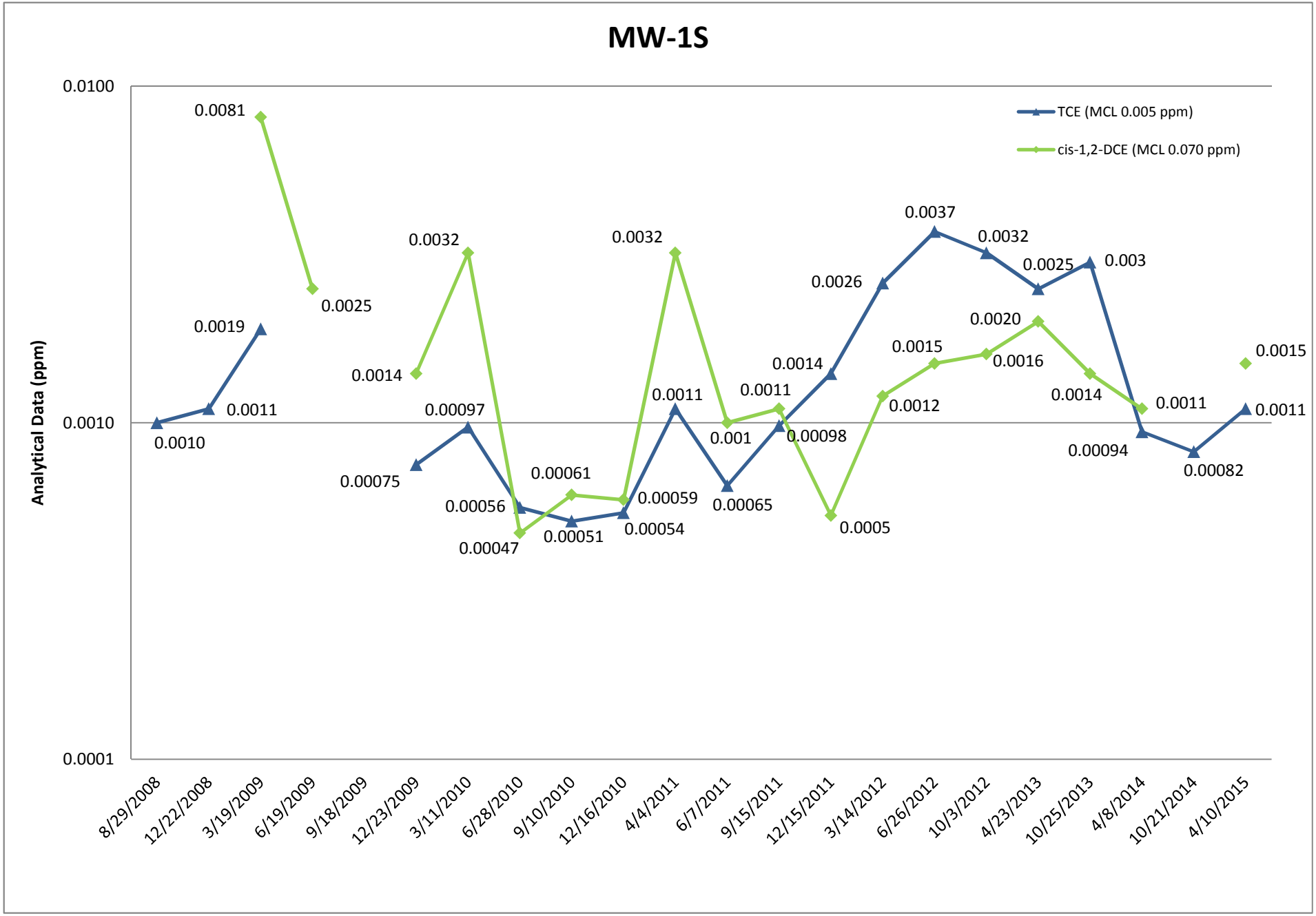
MW-6D

Note: Breaks in data graphs indicate that the analyte was not detected.

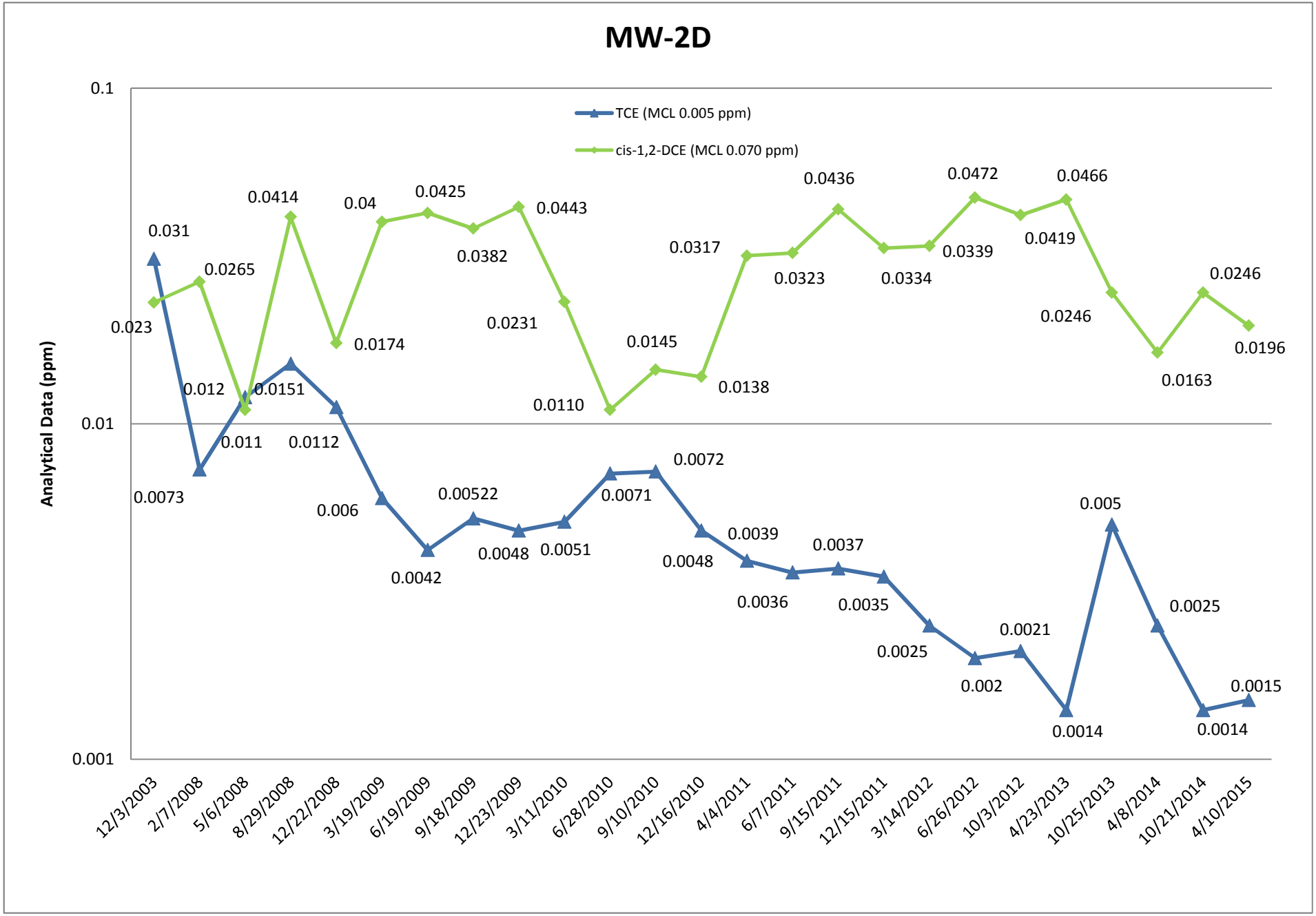
Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



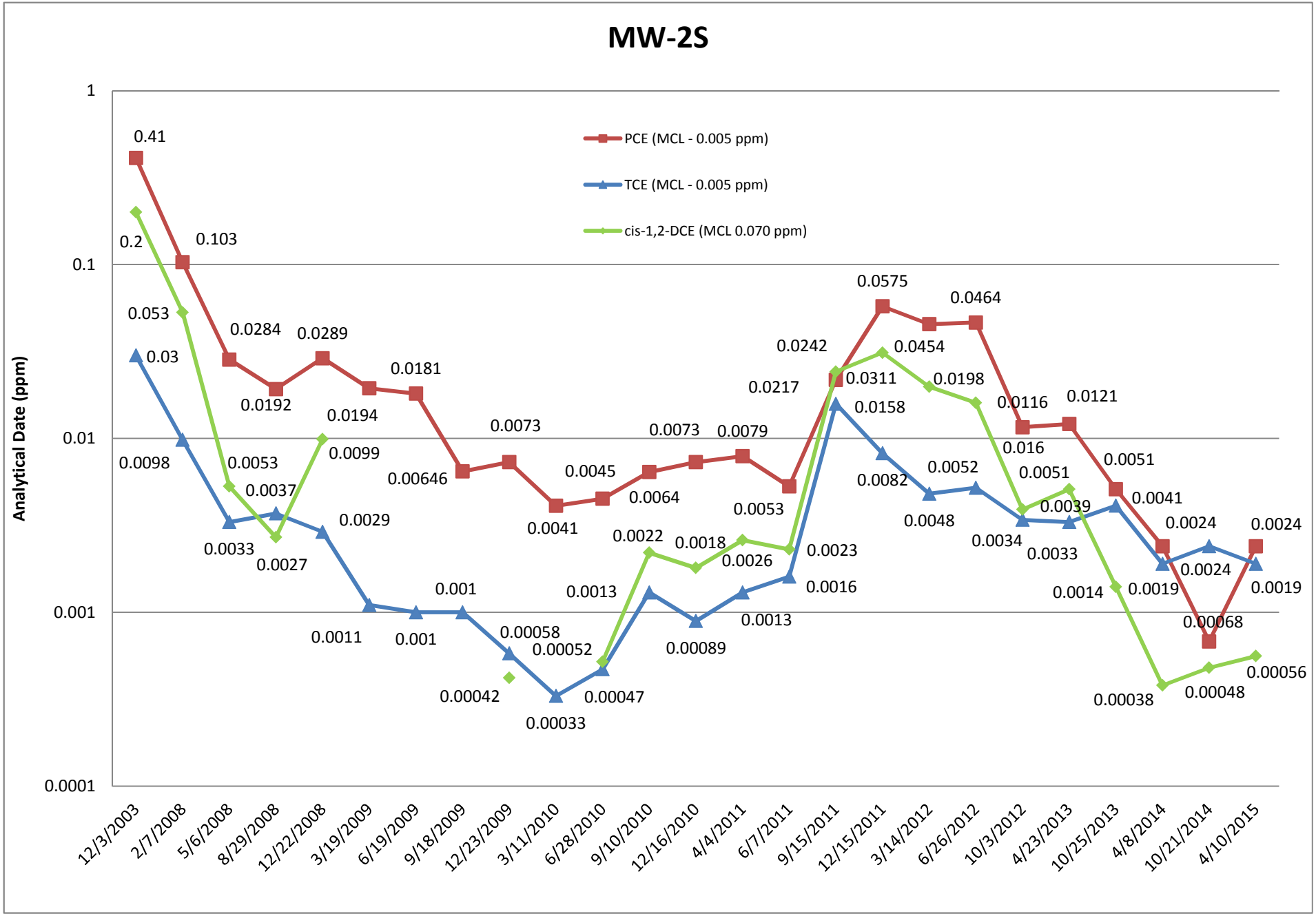
Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



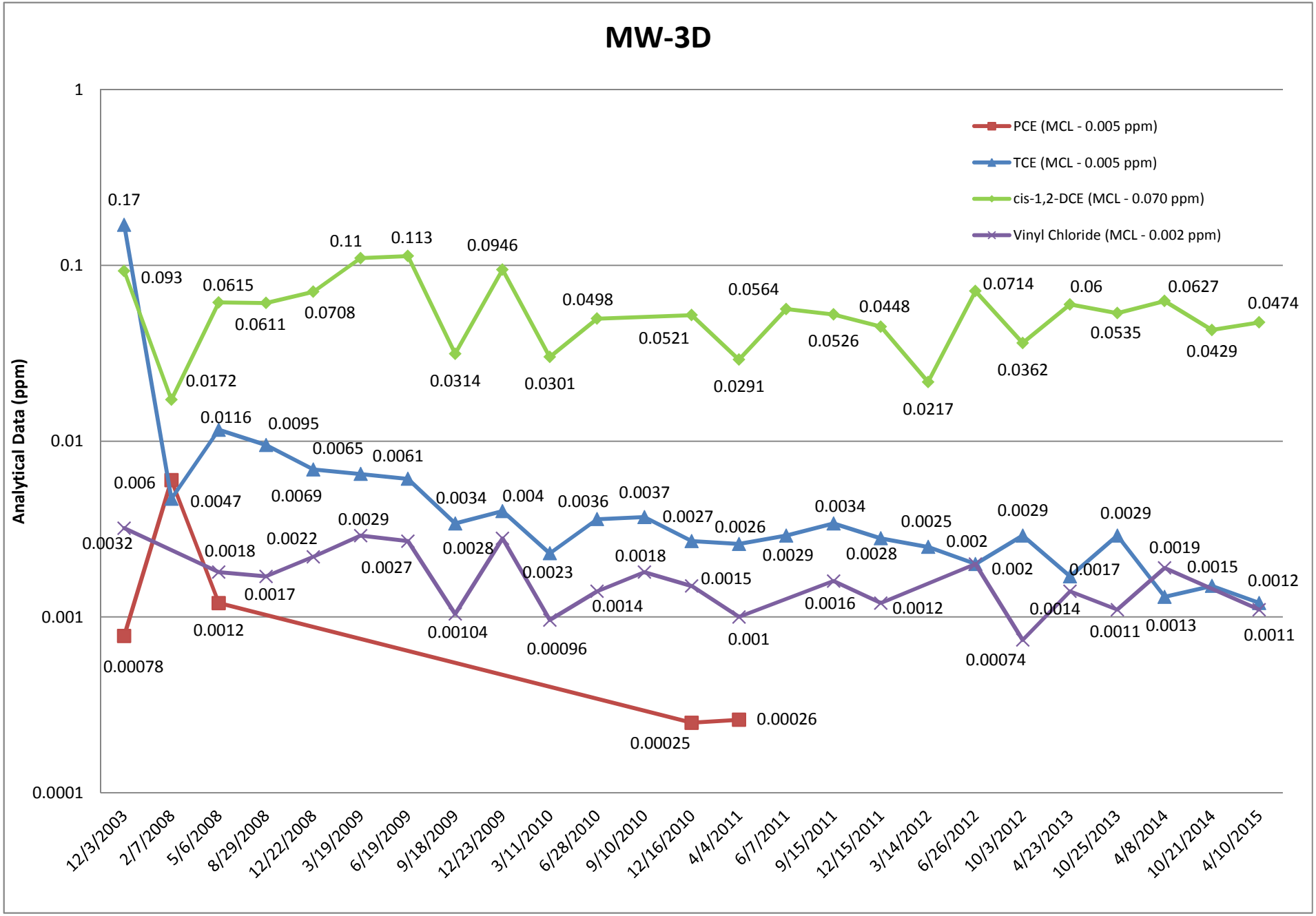
Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



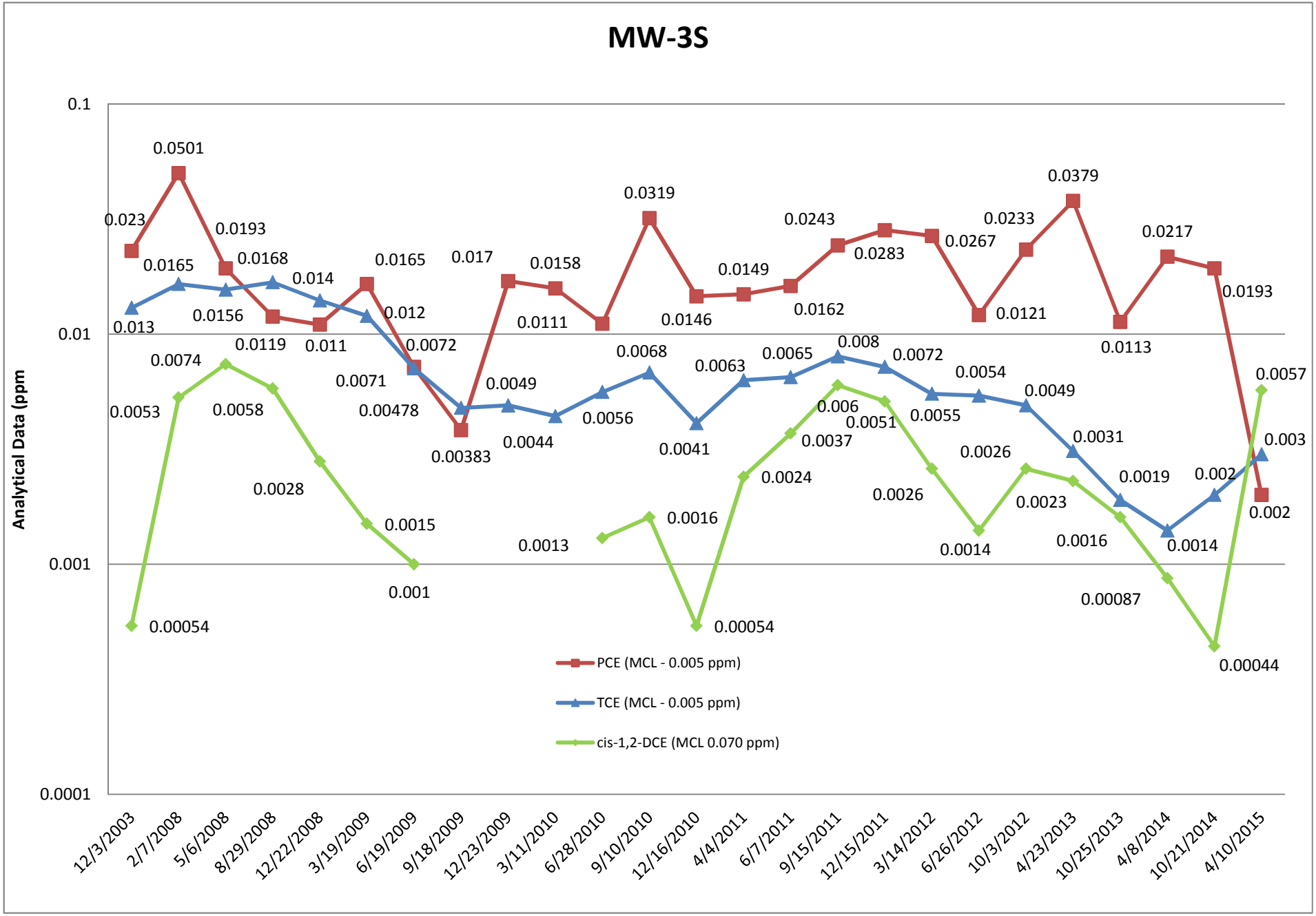
Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



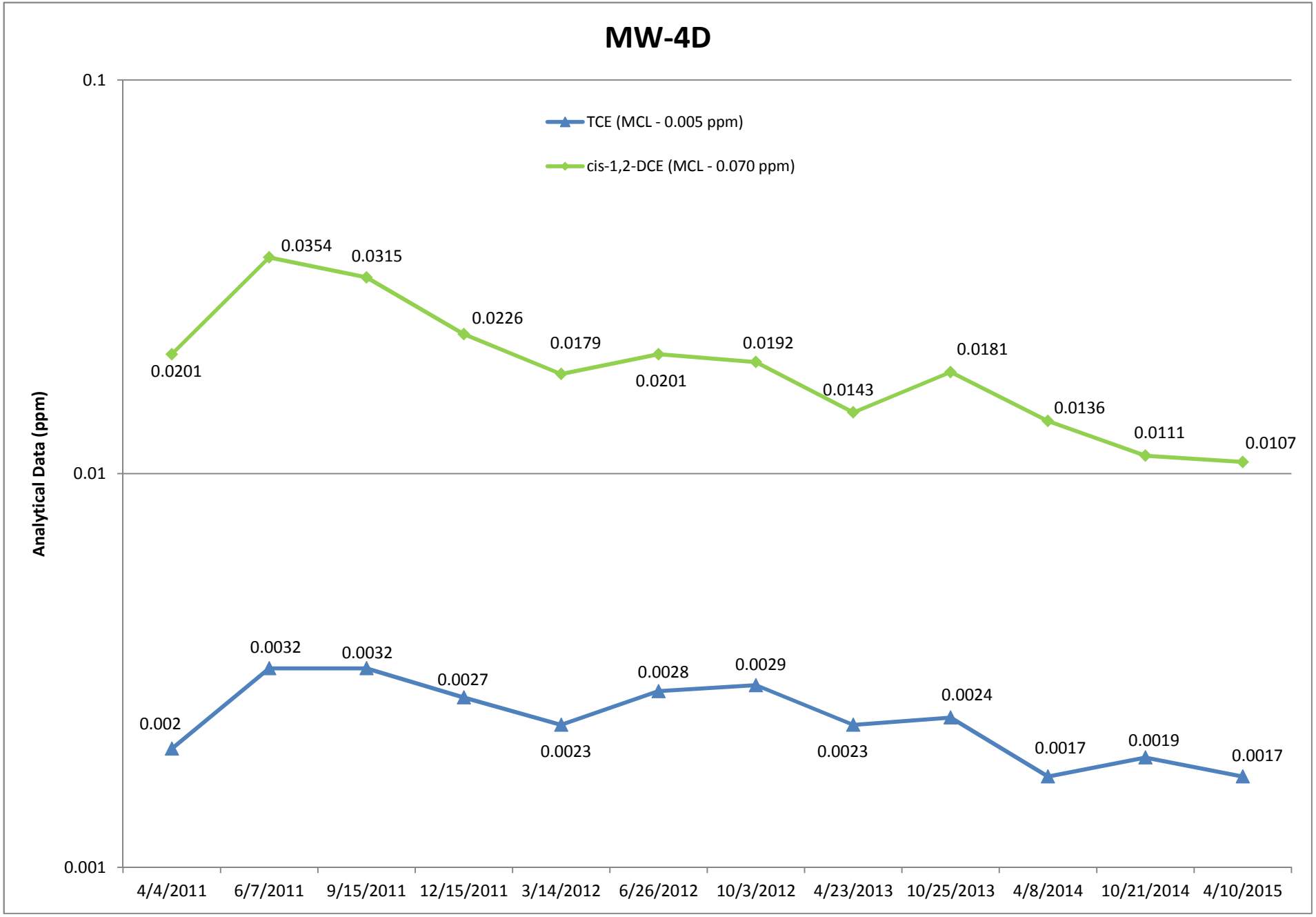
Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



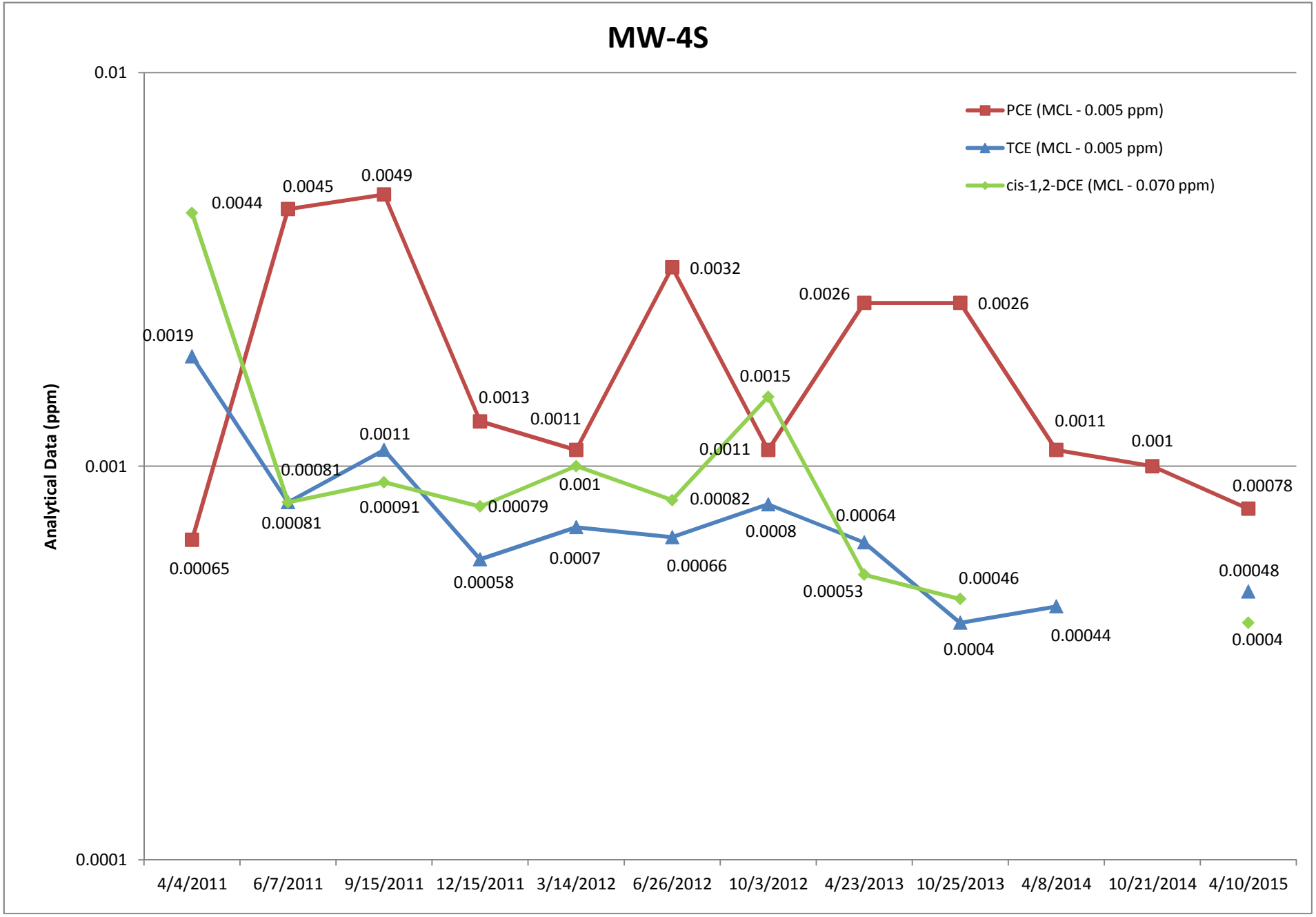
Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



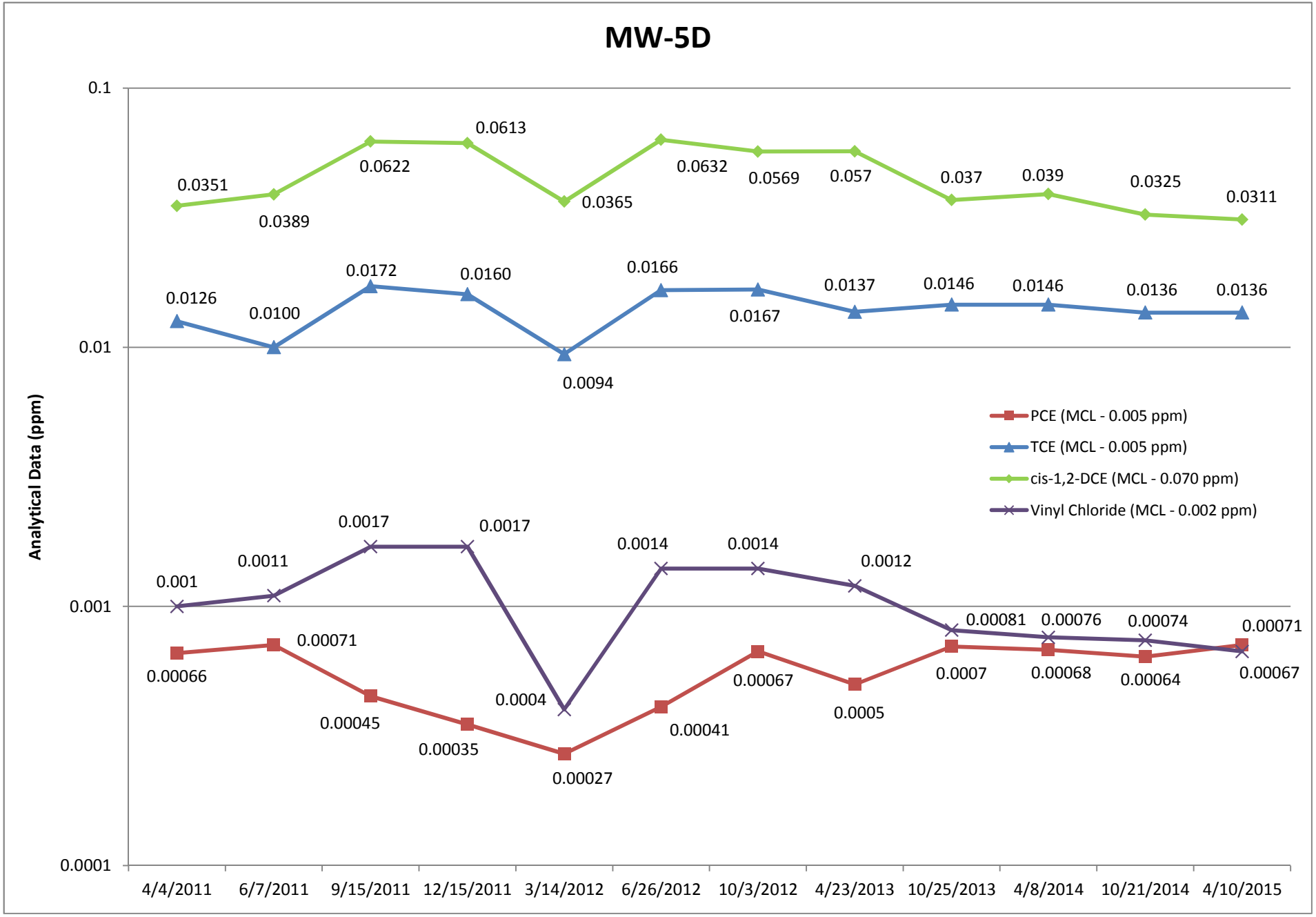
Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



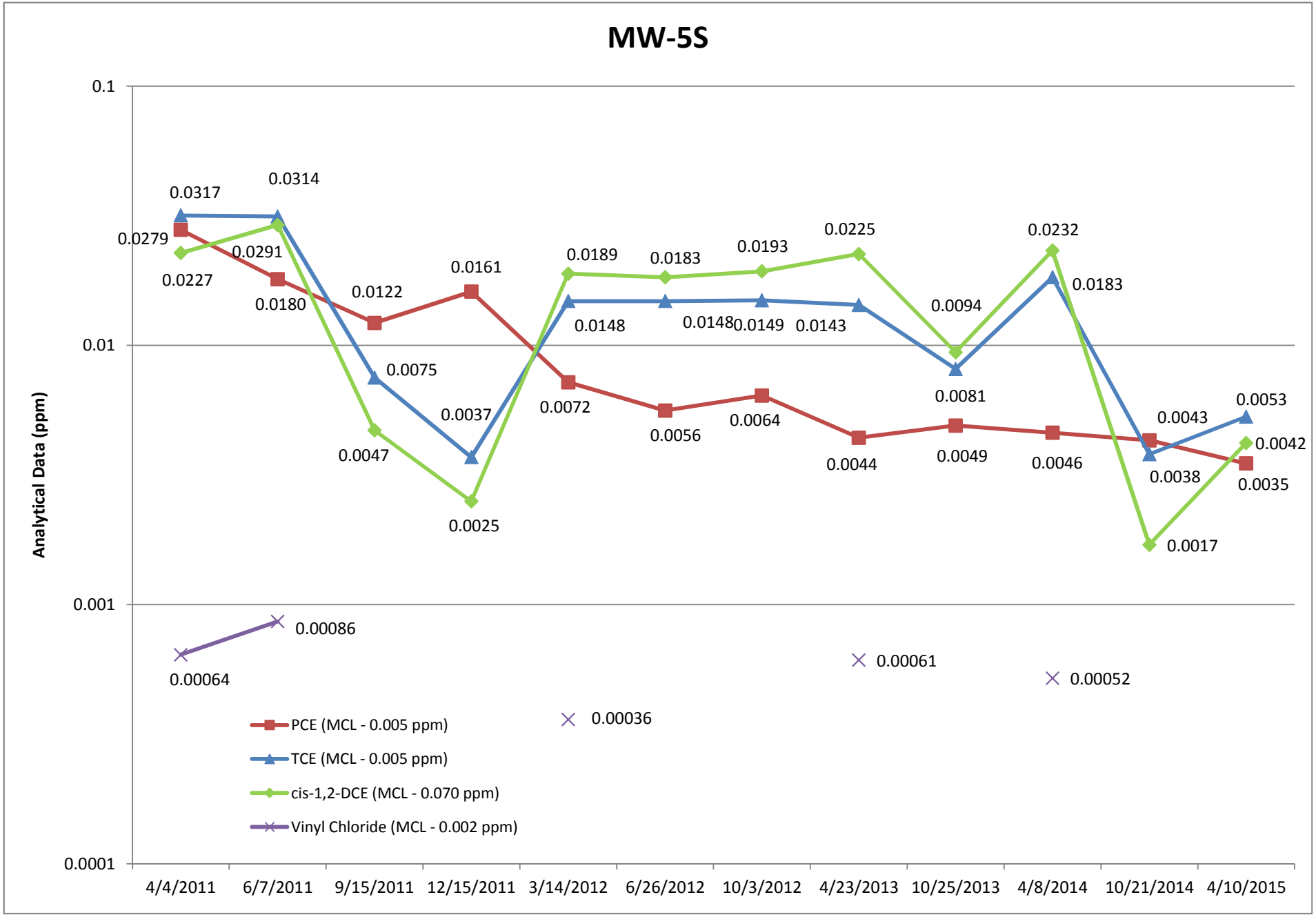
Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



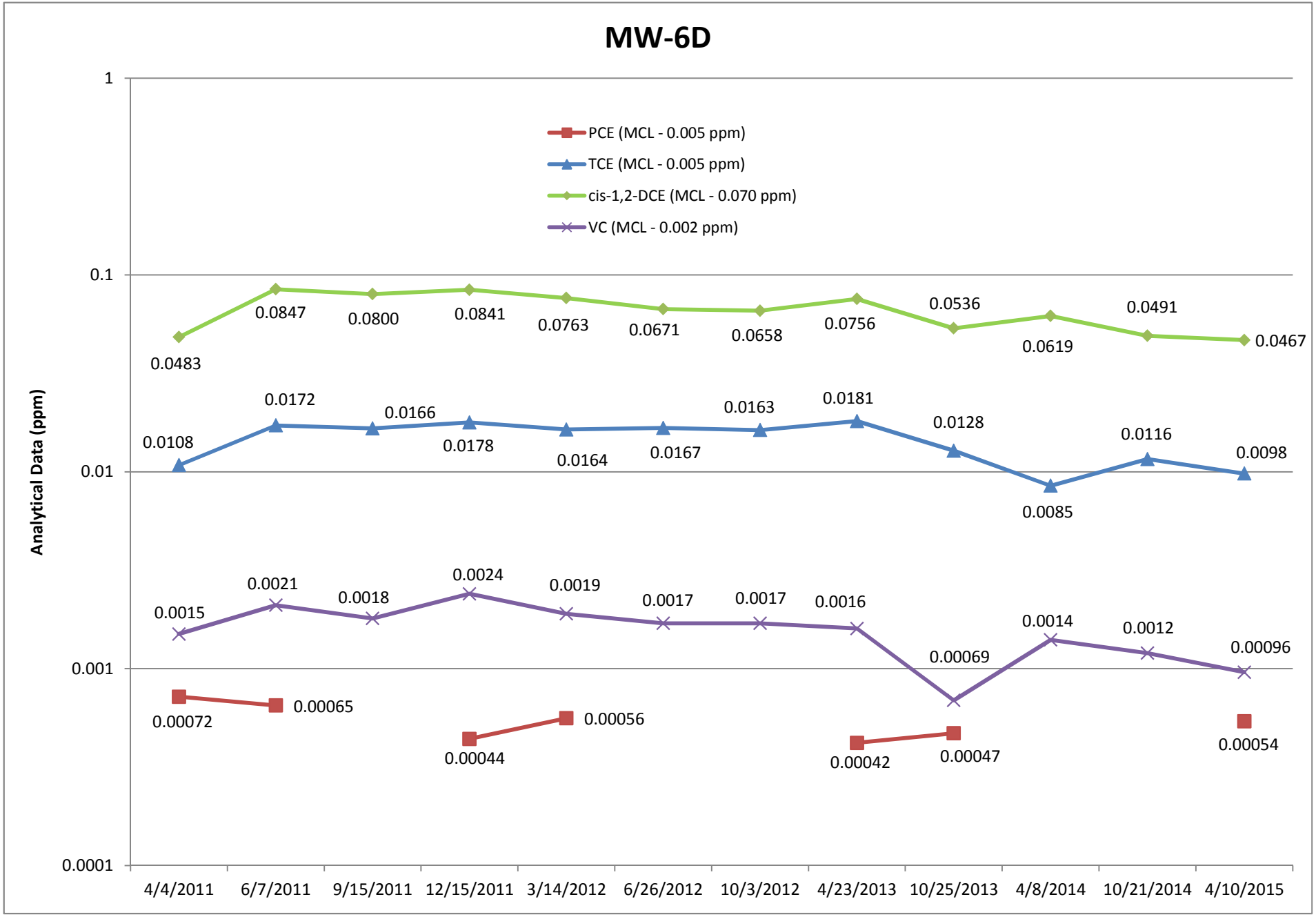
Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



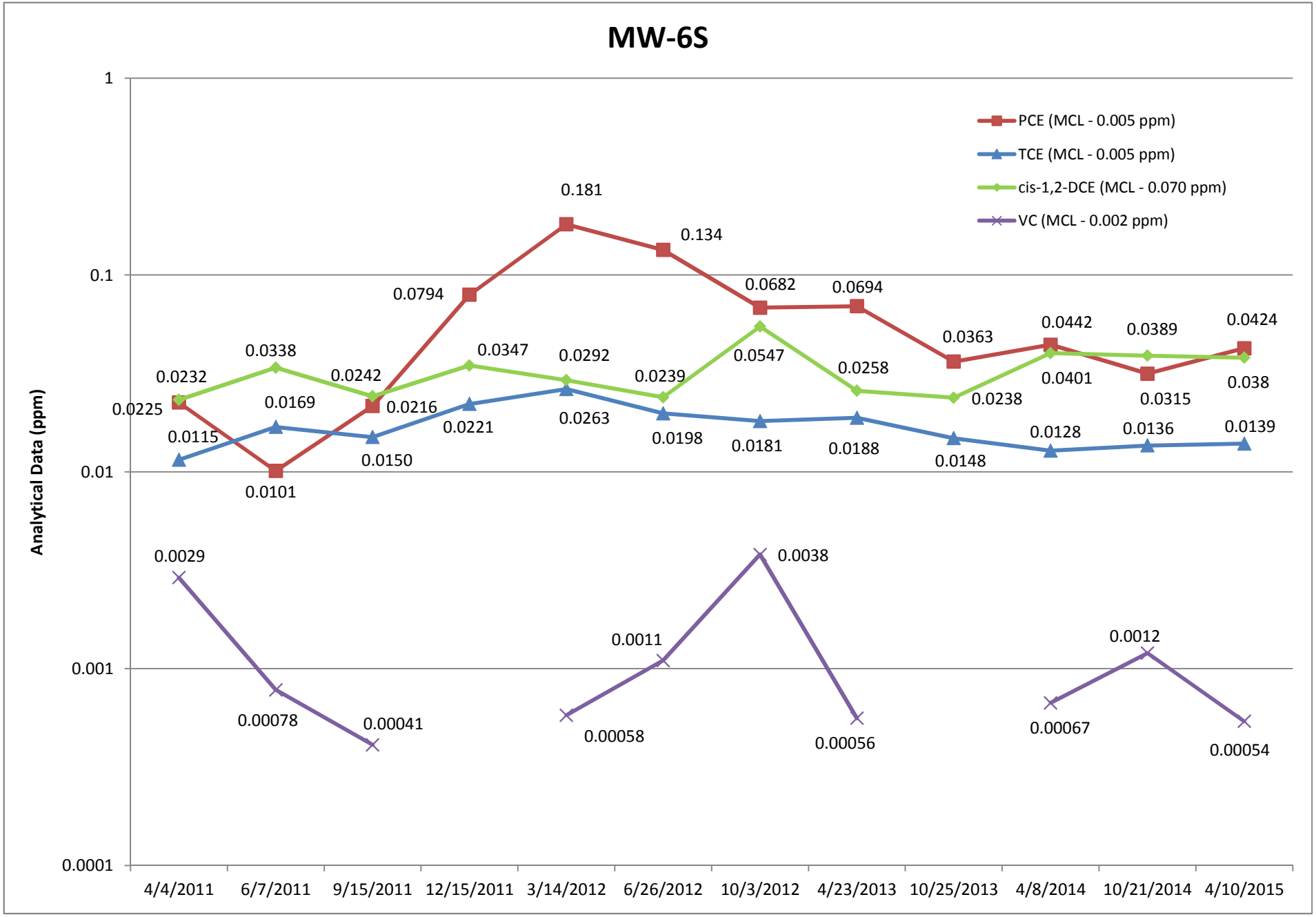
Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



Trend Analysis Graph
Through April 2015
Brenntag Southwest, Inc.
Wichita, KS



Attachment 3
Analytical Data & Validation

Southeast ACCUTEST LABORATORIES

04/21/15

Technical Report for

Geotechnical Services Inc

Brenntag; 1520 N Barwise, Wichita, KS

087013

Accutest Job Number: FA23534

Sampling Date: 04/10/15

Report to:

GSI
4503 E 47th St S
Wichita, KS 67210
droy@gsinetwork.com; kris.gamble@foth.com

ATTN: Doug Roy

Total number of pages in report: **68**

NELAP ACCREDITED TNI LABORATORY

Norm Farmer
Technical Director

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001) DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177), AK, AR, GA, KY, MA, NV, OK, UT, WA

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Test results relate only to samples analyzed.

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Sample Summary

Geotechnical Services Inc

Job No: FA23534

Brenntag; 1520 N Barwise, Wichita, KS
Project No: 087013

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA23534-1	04/10/15	12:30	DK	04/11/15	AQ	Ground Water	MW-1S
FA23534-2	04/10/15	12:45	DK	04/11/15	AQ	Ground Water	MW-1D
FA23534-3	04/10/15	13:00	DK	04/11/15	AQ	Ground Water	MW-2S
FA23534-4	04/10/15	13:15	DK	04/11/15	AQ	Ground Water	MW-2D
FA23534-5	04/10/15	13:20	DK	04/11/15	AQ	Ground Water	MW-3S
FA23534-6	04/10/15	13:25	DK	04/11/15	AQ	Ground Water	MW-3D
FA23534-7	04/10/15	13:50	DK	04/11/15	AQ	Ground Water	MW-4S
FA23534-8	04/10/15	14:00	DK	04/11/15	AQ	Ground Water	MW-4D
FA23534-9	04/10/15	14:25	DK	04/11/15	AQ	Ground Water	MW-5S
FA23534-10	04/10/15	14:30	DK	04/11/15	AQ	Ground Water	MW-5D
FA23534-11	04/10/15	14:45	DK	04/11/15	AQ	Ground Water	MW-6S
FA23534-12	04/10/15	14:50	DK	04/11/15	AQ	Ground Water	MW-6D
FA23534-13	04/10/15	00:00	DK	04/11/15	AQ	Ground Water	DUP-S

Accutest Laboratories

Sample Summary
(continued)

Geotechnical Services Inc

Job No: FA23534

Brenntag; 1520 N Barwise, Wichita, KS
Project No: 087013

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA23534-14	04/10/15	00:00	DK	04/11/15	AQ	Ground Water	DUP-D
FA23534-15	04/10/15	00:00	DK	04/11/15	AQ	Trip Blank Water	TRIP BLANK

Summary of Hits

Job Number: FA23534
Account: Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS
Collected: 04/10/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA23534-1	**MW-1S**					
cis-1,2-Dichloroethylene		0.0015	0.0010	0.00022	mg/l	SW846 8260B
1,2-Dichloroethene (total)		0.0015 J	0.0020	0.00043	mg/l	SW846 8260B
Trichloroethylene		0.0011	0.0010	0.00022	mg/l	SW846 8260B
FA23534-2	**MW-1D**					
cis-1,2-Dichloroethylene		0.0064	0.0010	0.00022	mg/l	SW846 8260B
1,2-Dichloroethene (total)		0.0064	0.0020	0.00043	mg/l	SW846 8260B
Trichloroethylene		0.0013	0.0010	0.00022	mg/l	SW846 8260B
FA23534-3	**MW-2S**					
cis-1,2-Dichloroethylene		0.00056 J	0.0010	0.00022	mg/l	SW846 8260B
1,2-Dichloroethene (total)		0.00056 J	0.0020	0.00043	mg/l	SW846 8260B
Tetrachloroethylene		0.0024	0.0010	0.00033	mg/l	SW846 8260B
Trichloroethylene		0.0019	0.0010	0.00022	mg/l	SW846 8260B
FA23534-4	**MW-2D**					
Benzene		0.00023 J	0.0010	0.00020	mg/l	SW846 8260B
Chlorobenzene		0.00023 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethane		0.00032 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethylene		0.00045 J	0.0010	0.00027	mg/l	SW846 8260B
cis-1,2-Dichloroethylene		0.0196	0.0010	0.00022	mg/l	SW846 8260B
trans-1,2-Dichloroethylene		0.00052 J	0.0010	0.00021	mg/l	SW846 8260B
1,2-Dichloroethene (total)		0.0201	0.0020	0.00043	mg/l	SW846 8260B
Trichloroethylene		0.0015	0.0010	0.00022	mg/l	SW846 8260B
Vinyl Chloride		0.00063 J	0.0010	0.00025	mg/l	SW846 8260B
FA23534-5	**MW-3S**					
cis-1,2-Dichloroethylene		0.0057	0.0010	0.00022	mg/l	SW846 8260B
1,2-Dichloroethene (total)		0.0057	0.0020	0.00043	mg/l	SW846 8260B
Tetrachloroethylene		0.0020	0.0010	0.00033	mg/l	SW846 8260B
Trichloroethylene		0.0030	0.0010	0.00022	mg/l	SW846 8260B
FA23534-6	**MW-3D**					
Benzene		0.00024 J	0.0010	0.00020	mg/l	SW846 8260B
Chlorobenzene		0.00026 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethane		0.00050 J	0.0010	0.00020	mg/l	SW846 8260B
1,2-Dichloroethane		0.00026 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethylene		0.0011	0.0010	0.00027	mg/l	SW846 8260B

Summary of Hits

Job Number: FA23534
Account: Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS
Collected: 04/10/15

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
cis-1,2-Dichloroethylene	0.0474	0.0010	0.00022	mg/l	SW846 8260B
trans-1,2-Dichloroethylene	0.0010	0.0010	0.00021	mg/l	SW846 8260B
1,2-Dichloroethene (total)	0.0485	0.0020	0.00043	mg/l	SW846 8260B
Trichloroethylene	0.0012	0.0010	0.00022	mg/l	SW846 8260B
Vinyl Chloride	0.0011	0.0010	0.00025	mg/l	SW846 8260B
FA23534-7 MW-4S					
1,1-Dichloroethane	0.00020 J	0.0010	0.00020	mg/l	SW846 8260B
cis-1,2-Dichloroethylene	0.00040 J	0.0010	0.00022	mg/l	SW846 8260B
Tetrachloroethylene	0.00078 J	0.0010	0.00033	mg/l	SW846 8260B
Trichloroethylene	0.00048 J	0.0010	0.00022	mg/l	SW846 8260B
FA23534-8 MW-4D					
1,1-Dichloroethane	0.00023 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethylene	0.00029 J	0.0010	0.00027	mg/l	SW846 8260B
cis-1,2-Dichloroethylene	0.0107	0.0010	0.00022	mg/l	SW846 8260B
trans-1,2-Dichloroethylene	0.00021 J	0.0010	0.00021	mg/l	SW846 8260B
1,2-Dichloroethene (total)	0.0109	0.0020	0.00043	mg/l	SW846 8260B
Trichloroethylene	0.0017	0.0010	0.00022	mg/l	SW846 8260B
FA23534-9 MW-5S					
cis-1,2-Dichloroethylene	0.0042	0.0010	0.00022	mg/l	SW846 8260B
1,2-Dichloroethene (total)	0.0042	0.0020	0.00043	mg/l	SW846 8260B
Tetrachloroethylene	0.0035	0.0010	0.00033	mg/l	SW846 8260B
Trichloroethylene	0.0053	0.0010	0.00022	mg/l	SW846 8260B
FA23534-10 MW-5D					
Chlorobenzene	0.00022 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethane	0.00032 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethylene	0.00093 J	0.0010	0.00027	mg/l	SW846 8260B
cis-1,2-Dichloroethylene	0.0311	0.0010	0.00022	mg/l	SW846 8260B
trans-1,2-Dichloroethylene	0.00087 J	0.0010	0.00021	mg/l	SW846 8260B
1,2-Dichloroethene (total)	0.0320	0.0020	0.00043	mg/l	SW846 8260B
Tetrachloroethylene	0.00071 J	0.0010	0.00033	mg/l	SW846 8260B
Trichloroethylene	0.0136	0.0010	0.00022	mg/l	SW846 8260B
Vinyl Chloride	0.00067 J	0.0010	0.00025	mg/l	SW846 8260B
FA23534-11 MW-6S					
1,1-Dichloroethane	0.00040 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethylene	0.00064 J	0.0010	0.00027	mg/l	SW846 8260B

Summary of Hits

Job Number: FA23534
Account: Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS
Collected: 04/10/15

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
cis-1,2-Dichloroethylene	0.0380	0.0010	0.00022	mg/l	SW846 8260B
trans-1,2-Dichloroethylene	0.0012	0.0010	0.00021	mg/l	SW846 8260B
1,2-Dichloroethene (total)	0.0392	0.0020	0.00043	mg/l	SW846 8260B
Tetrachloroethylene	0.0424	0.0010	0.00033	mg/l	SW846 8260B
Trichloroethylene	0.0139	0.0010	0.00022	mg/l	SW846 8260B
Vinyl Chloride	0.00054 J	0.0010	0.00025	mg/l	SW846 8260B
FA23534-12 MW-6D					
Benzene	0.00020 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethane	0.00044 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethylene	0.0012	0.0010	0.00027	mg/l	SW846 8260B
cis-1,2-Dichloroethylene	0.0467	0.0010	0.00022	mg/l	SW846 8260B
trans-1,2-Dichloroethylene	0.0011	0.0010	0.00021	mg/l	SW846 8260B
1,2-Dichloroethene (total)	0.0478	0.0020	0.00043	mg/l	SW846 8260B
Tetrachloroethylene	0.00054 J	0.0010	0.00033	mg/l	SW846 8260B
Trichloroethylene	0.0098	0.0010	0.00022	mg/l	SW846 8260B
Vinyl Chloride	0.00096 J	0.0010	0.00025	mg/l	SW846 8260B
FA23534-13 DUP-S					
cis-1,2-Dichloroethylene	0.0052	0.0010	0.00022	mg/l	SW846 8260B
1,2-Dichloroethene (total)	0.0052	0.0020	0.00043	mg/l	SW846 8260B
Tetrachloroethylene	0.0021	0.0010	0.00033	mg/l	SW846 8260B
Trichloroethylene	0.0028	0.0010	0.00022	mg/l	SW846 8260B
FA23534-14 DUP-D					
Benzene	0.00023 J	0.0010	0.00020	mg/l	SW846 8260B
Chlorobenzene	0.00028 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethane	0.00050 J	0.0010	0.00020	mg/l	SW846 8260B
1,2-Dichloroethane	0.00024 J	0.0010	0.00020	mg/l	SW846 8260B
1,1-Dichloroethylene	0.0010	0.0010	0.00027	mg/l	SW846 8260B
cis-1,2-Dichloroethylene	0.0465	0.0010	0.00022	mg/l	SW846 8260B
trans-1,2-Dichloroethylene	0.00094 J	0.0010	0.00021	mg/l	SW846 8260B
1,2-Dichloroethene (total)	0.0474	0.0020	0.00043	mg/l	SW846 8260B
Trichloroethylene	0.0014	0.0010	0.00022	mg/l	SW846 8260B
Vinyl Chloride	0.0011	0.0010	0.00025	mg/l	SW846 8260B
FA23534-15 TRIP BLANK					

No hits reported in this sample.

Southeast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1S		
Lab Sample ID:	FA23534-1	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29011.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.0015	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	0.0015	0.0020	0.00043	mg/l	J
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1S		
Lab Sample ID:	FA23534-1	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0011	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1S		
Lab Sample ID:	FA23534-1	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1D		
Lab Sample ID:	FA23534-2	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29012.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.0064	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	0.0064	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1D		
Lab Sample ID:	FA23534-2	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0013	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1D		
Lab Sample ID:	FA23534-2	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2S		
Lab Sample ID:	FA23534-3	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29013.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.00056	0.0010	0.00022	mg/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	0.00056	0.0020	0.00043	mg/l	J
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2S		
Lab Sample ID:	FA23534-3	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.0024	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0019	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2S		
Lab Sample ID:	FA23534-3	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2D		
Lab Sample ID:	FA23534-4	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29014.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	0.00023	0.0010	0.00020	mg/l	J
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	0.00023	0.0010	0.00020	mg/l	J
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	0.00032	0.0010	0.00020	mg/l	J
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	0.00045	0.0010	0.00027	mg/l	J
156-59-2	cis-1,2-Dichloroethylene	0.0196	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	0.00052	0.0010	0.00021	mg/l	J
540-59-0	1,2-Dichloroethene (total)	0.0201	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2D		
Lab Sample ID:	FA23534-4	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0015	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	0.00063	0.0010	0.00025	mg/l	J
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2D		
Lab Sample ID:	FA23534-4	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3S		
Lab Sample ID:	FA23534-5	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29015.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.0057	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	0.0057	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3S		
Lab Sample ID:	FA23534-5	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.0020	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0030	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3S		
Lab Sample ID:	FA23534-5	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3D		
Lab Sample ID:	FA23534-6	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29016.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	0.00024	0.0010	0.00020	mg/l	J
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	0.00026	0.0010	0.00020	mg/l	J
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	0.00050	0.0010	0.00020	mg/l	J
107-06-2	1,2-Dichloroethane	0.00026	0.0010	0.00020	mg/l	J
75-35-4	1,1-Dichloroethylene	0.0011	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.0474	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	0.0010	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	0.0485	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3D		
Lab Sample ID:	FA23534-6	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0012	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	0.0011	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3D		
Lab Sample ID:	FA23534-6	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4S		
Lab Sample ID:	FA23534-7	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29017.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	0.00020	0.0010	0.00020	mg/l	J
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.00040	0.0010	0.00022	mg/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	ND	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4S		
Lab Sample ID:	FA23534-7	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.00078	0.0010	0.00033	mg/l	J
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.00048	0.0010	0.00022	mg/l	J
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4S		
Lab Sample ID:	FA23534-7	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4D		
Lab Sample ID:	FA23534-8	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29018.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	0.00023	0.0010	0.00020	mg/l	J
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	0.00029	0.0010	0.00027	mg/l	J
156-59-2	cis-1,2-Dichloroethylene	0.0107	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	0.00021	0.0010	0.00021	mg/l	J
540-59-0	1,2-Dichloroethene (total)	0.0109	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4D		
Lab Sample ID:	FA23534-8	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0017	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4D		
Lab Sample ID:	FA23534-8	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5S		
Lab Sample ID:	FA23534-9	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29019.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.0042	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	0.0042	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5S		
Lab Sample ID:	FA23534-9	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.0035	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0053	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5S		
Lab Sample ID:	FA23534-9	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D		
Lab Sample ID:	FA23534-10	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29020.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	0.00022	0.0010	0.00020	mg/l	J
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	0.00032	0.0010	0.00020	mg/l	J
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	0.00093	0.0010	0.00027	mg/l	J
156-59-2	cis-1,2-Dichloroethylene	0.0311	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	0.00087	0.0010	0.00021	mg/l	J
540-59-0	1,2-Dichloroethene (total)	0.0320	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D		
Lab Sample ID:	FA23534-10	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.00071	0.0010	0.00033	mg/l	J
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0136	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	0.00067	0.0010	0.00025	mg/l	J
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5D		
Lab Sample ID:	FA23534-10	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6S		
Lab Sample ID:	FA23534-11	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29021.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	0.00040	0.0010	0.00020	mg/l	J
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	0.00064	0.0010	0.00027	mg/l	J
156-59-2	cis-1,2-Dichloroethylene	0.0380	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	0.0012	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	0.0392	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6S		
Lab Sample ID:	FA23534-11	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.0424	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0139	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	0.00054	0.0010	0.00025	mg/l	J
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6S		
Lab Sample ID:	FA23534-11	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6D		
Lab Sample ID:	FA23534-12	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29022.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	0.00020	0.0010	0.00020	mg/l	J
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	0.00044	0.0010	0.00020	mg/l	J
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	0.0012	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.0467	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	0.0011	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	0.0478	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6D		
Lab Sample ID:	FA23534-12	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.00054	0.0010	0.00033	mg/l	J
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0098	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	0.00096	0.0010	0.00025	mg/l	J
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6D		
Lab Sample ID:	FA23534-12	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-S		
Lab Sample ID:	FA23534-13	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29023.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.0052	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	0.0052	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-S		
Lab Sample ID:	FA23534-13	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.0021	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0028	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-S		
Lab Sample ID:	FA23534-13	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-D		
Lab Sample ID:	FA23534-14	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29024.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	0.00023	0.0010	0.00020	mg/l	J
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	0.00028	0.0010	0.00020	mg/l	J
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	0.00050	0.0010	0.00020	mg/l	J
107-06-2	1,2-Dichloroethane	0.00024	0.0010	0.00020	mg/l	J
75-35-4	1,1-Dichloroethylene	0.0010	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.0465	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	0.00094	0.0010	0.00021	mg/l	J
540-59-0	1,2-Dichloroethene (total)	0.0474	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-D		
Lab Sample ID:	FA23534-14	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.0014	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	0.0011	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-D		
Lab Sample ID:	FA23534-14	**Date Sampled:**	04/10/15
Matrix:	AQ - Ground Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	FA23534-15	**Date Sampled:**	04/10/15
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I29025.D	1	04/17/15	DP	n/a	n/a	VI690
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [a]	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
108-86-1	Bromobenzene	ND	0.0010	0.00027	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
104-51-8	n-Butylbenzene	ND	0.0010	0.00022	mg/l	
135-98-8	sec-Butylbenzene	ND	0.0010	0.00020	mg/l	
98-06-6	tert-Butylbenzene	ND	0.0010	0.00020	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
95-49-8	o-Chlorotoluene	ND	0.0010	0.00020	mg/l	
106-43-4	p-Chlorotoluene	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
540-59-0	1,2-Dichloroethene (total)	ND	0.0020	0.00043	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
142-28-9	1,3-Dichloropropane	ND	0.0010	0.00026	mg/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	FA23534-15	**Date Sampled:**	04/10/15
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	0.0010	0.00027	mg/l	
563-58-6	1,1-Dichloropropene	ND	0.0010	0.00021	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0020	0.00050	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	
99-87-6	p-Isopropyltoluene	ND	0.0010	0.00020	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
74-95-3	Methylene Bromide	ND	0.0020	0.00025	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
91-20-3	Naphthalene	ND	0.0030	0.0010	mg/l	
103-65-1	n-Propylbenzene	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	ND	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
96-18-4	1,2,3-Trichloropropane	ND	0.0020	0.00066	mg/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00020	mg/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00022	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.00051	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	FA23534-15	**Date Sampled:**	04/10/15
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/11/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Brenntag; 1520 N Barwise, Wichita, KS		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q

(a) Associated ICV outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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Chain of Custody

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TEL. 407-425-6700 • FAX: 407-425-0707
www.accutest.com

Accutest JOB # FA23534 PAGE 1 OF 2

Accutest Quote # | SKIFF#

Client / Reporting Information

Company Name: FOTH INFRASTRUCTURE & ENV.
Address: 1005 N. BOONVILLE
City: SPRINGFIELD State: MO Zip: 65806
Project Contact: KRIS GAMBLE E-mail: KRIS@foth.com
Phone#: 417-864-6444
Sampler(s) Name(s) (Printed): DONNA J. KUNZ

Project Information

Project Name: BRENNTAG
Street: 1530 N. BARWISE
City: WICHITA State: KS
Project #: 087013
Fax #: 316-554-0744
Client Purchase Order #

Analytical Information

SW8260D 8260 VOC's

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled By	Matrix	Total # of Bottles	Other	None	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MeOH	SW8260D 8260 VOC's	LAB USE ONLY
1	MW-1S	4/10/15	1230	DK	GW	3			X								
2	MW-1D		1245			3			X								
3	MW-2S		1300			3			X								
4	MW-2D		1315			3			X								
5	MW-3S		1320			3			X								
6	MW-3D		1325			3			X								
7	MW-4S		1350			3			X								
8	MW-4D		1400			3			X								
9	MW-5S		1425			3			X								
10	MW-5D		1430			3			X								
11	MW-6S		1445			3			X								
12	MW-6D	4/10/15	1450	DK	GW	3			X								

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [x] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [ ] EDD'S

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date, Time:	Received By:	Relinquished by:	Date, Time:	Received By:
1 Donna Kunz	4/10/15 1530	2 FO	3 FO 041015	1000	4 [illegible]
Relinquished by: 5	Date, Time:	Received By: 6	Relinquished by: 7	Date, Time:	Received By: 8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 2.6

4.1
4

FA23534: Chain of Custody
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Accutest Laboratories Southeast
Chain of Custody

ACCUTEST LABORATORIES

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL. 407-425-6700 • FAX: 407-425-0707
www.accutest.com

Accutest JOB # FA23534 PAGE 2 OF 2

Accutest Quote # | SKIFF#

Client / Reporting Information

Company Name: Faith Infrastructure & Env.
Address: 1005 N. Boonville
City: Springfield State: MO Zip: 65806
Project Contact: Kris Gamble E-mail: kris@faith.com
Phone#: 417-864-6444
Sampler(s) Name(s) (Printed): Donna J. Kurtz

Project Information

Project Name: Brenntag
Street: 1520 N. Broadwise
City: Wichita State: Kansas
Project #: 087013
Fax #: 316-554-0744
Client Purchase Order #:

Analytical Information

SW 8260 8/8 VOC

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

Accutest Sample #	Field ID / Point of Collection	Collection: DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	Container Information: OTHER	VOLUME	HCl	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MEOH	SW 8260	LAB USE ONLY
13	DUP-S	4/10/15	—	DK	GW	3			X						X	
14	DUP-D	4/10/15	—	DK	GW	3			X						X	
15	TRIPblanks	4/10/15	—	—	GW	2			X						X	

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [x] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [ ] EDD'S

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 Donna Kurtz	4/10/15 1530	2	3	4/11/15 1000	4
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
5		6	7		8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: _____

4.1 4

FA23534: Chain of Custody
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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA23534 CLIENT: FTE PROJECT: Browning

DATE/TIME RECEIVED: 04-11-15 1000 {MM/DD/YY 24:00} NUMBER OF COOLERS RECEIVED: 1

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER DELIVERY OTHER:

AIRBILL NUMBERS: 8066 1258 3366

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TEMPERATURE INFORMATION

- [ ] IR THERM ID 1 CORR. FACTOR -0.2
- [ ] OBSERVED TEMPS: 2.8
- [ ] CORRECTED TEMPS: 2.6

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] INCORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- [ ] ID'S ON COC DO NOT MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [x] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- [ ] BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] RESIDUAL CHLORINE PRESENT LOT#

{APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM 5-GRAM

NUMBER OF 5035 FIELD KITS ?

NUMBER OF LAB FILTERED METALS ?

pH PAPER LOT#s WIDE RANGE A036122 NARROW RANGE HC421754 OTHER (specify) 405-230010

SUMMARY OF COMMENTS: No Analysis Samples 1-12

TECHNICIAN SIGNATURE/DATE 04-13-15 REVIEWER SIGNATURE/DATE 4-13-15

NF 10/14 receipt confirmation 102914.xls

4.1

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FA23534: Chain of Custody

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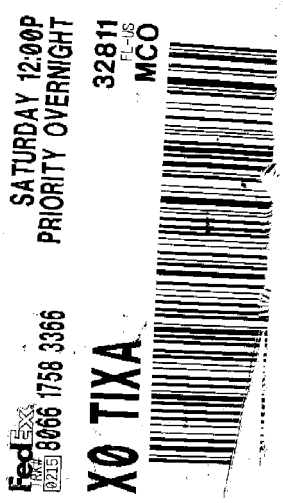

FA23534: Chain of Custody
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Southeast

ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: FA23534
Account: GSIKSW Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI690-MB	I29003.D	1	04/17/15	DP	n/a	n/a	VI690

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA23534-1, FA23534-2, FA23534-3, FA23534-4, FA23534-5, FA23534-6, FA23534-7, FA23534-8, FA23534-9, FA23534-10, FA23534-11, FA23534-12, FA23534-13, FA23534-14, FA23534-15

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.27	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.34	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.22	ug/l	
75-25-2	Bromoform	ND	1.0	0.32	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.2	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.22	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.20	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.20	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.29	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.28	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.50	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.20	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.20	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.61	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.42	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.22	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.25	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.27	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.21	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.43	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.25	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.26	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.27	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.21	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.25	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.26	ug/l	

Method Blank Summary

Job Number: FA23534
Account: GSIKSW Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI690-MB	I29003.D	1	04/17/15	DP	n/a	n/a	VI690

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA23534-1, FA23534-2, FA23534-3, FA23534-4, FA23534-5, FA23534-6, FA23534-7, FA23534-8, FA23534-9, FA23534-10, FA23534-11, FA23534-12, FA23534-13, FA23534-14, FA23534-15

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.20	ug/l	
74-83-9	Methyl Bromide	ND	2.0	0.50	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.25	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.20	ug/l	
100-42-5	Styrene	ND	1.0	0.28	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.22	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.33	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.26	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.31	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.22	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.66	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.22	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.25	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	98%	85-112%

Method Blank Summary

Job Number: FA23534
Account: GSIKSW Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI690-MB	I29003.D	1	04/17/15	DP	n/a	n/a	VI690

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA23534-1, FA23534-2, FA23534-3, FA23534-4, FA23534-5, FA23534-6, FA23534-7, FA23534-8, FA23534-9, FA23534-10, FA23534-11, FA23534-12, FA23534-13, FA23534-14, FA23534-15

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	102%	83-118%

Blank Spike Summary

Job Number: FA23534
Account: GSIKSW Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI690-BS	I29001.D	1	04/17/15	DP	n/a	n/a	VI690

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA23534-1, FA23534-2, FA23534-3, FA23534-4, FA23534-5, FA23534-6, FA23534-7, FA23534-8, FA23534-9, FA23534-10, FA23534-11, FA23534-12, FA23534-13, FA23534-14, FA23534-15

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	110	88	50-147
71-43-2	Benzene	25	22.4	90	81-122
108-86-1	Bromobenzene	25	22.6	90	80-121
74-97-5	Bromochloromethane	25	21.7	87	76-123
75-27-4	Bromodichloromethane	25	23.5	94	79-123
75-25-2	Bromoform	25	23.3	93	66-123
78-93-3	2-Butanone (MEK)	125	97.1	78	56-143
104-51-8	n-Butylbenzene	25	22.2	89	79-126
135-98-8	sec-Butylbenzene	25	24.9	100	83-133
98-06-6	tert-Butylbenzene	25	24.2	97	80-133
75-15-0	Carbon Disulfide	25	19.4	78	66-148
56-23-5	Carbon Tetrachloride	25	21.6	86	76-136
108-90-7	Chlorobenzene	25	24.4	98	82-124
75-00-3	Chloroethane	25	28.6	114	62-144
67-66-3	Chloroform	25	22.8	91	80-124
95-49-8	o-Chlorotoluene	25	24.1	96	81-127
106-43-4	p-Chlorotoluene	25	24.8	99	83-130
124-48-1	Dibromochloromethane	25	24.6	98	78-122
96-12-8	1,2-Dibromo-3-chloropropane	25	23.7	95	64-123
106-93-4	1,2-Dibromoethane	25	22.5	90	75-120
75-71-8	Dichlorodifluoromethane	25	41.1	164	42-167
95-50-1	1,2-Dichlorobenzene	25	24.1	96	82-124
541-73-1	1,3-Dichlorobenzene	25	24.6	98	84-125
106-46-7	1,4-Dichlorobenzene	25	22.5	90	78-120
75-34-3	1,1-Dichloroethane	25	22.9	92	81-122
107-06-2	1,2-Dichloroethane	25	23.2	93	75-125
75-35-4	1,1-Dichloroethylene	25	24.6	98	78-137
156-59-2	cis-1,2-Dichloroethylene	25	22.9	92	78-120
156-60-5	trans-1,2-Dichloroethylene	25	23.1	92	76-127
540-59-0	1,2-Dichloroethene (total)	50	46.0	92	77-122
78-87-5	1,2-Dichloropropane	25	22.3	89	76-124
142-28-9	1,3-Dichloropropane	25	24.6	98	80-118
594-20-7	2,2-Dichloropropane	25	23.2	93	74-139
563-58-6	1,1-Dichloropropene	25	24.3	97	79-131
10061-01-5	cis-1,3-Dichloropropene	25	22.1	88	75-118
10061-02-6	trans-1,3-Dichloropropene	25	22.5	90	80-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA23534
Account: GSIKSW Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI690-BS	I29001.D	1	04/17/15	DP	n/a	n/a	VI690

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA23534-1, FA23534-2, FA23534-3, FA23534-4, FA23534-5, FA23534-6, FA23534-7, FA23534-8, FA23534-9, FA23534-10, FA23534-11, FA23534-12, FA23534-13, FA23534-14, FA23534-15

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	25	23.5	94	81-121
87-68-3	Hexachlorobutadiene	25	24.3	97	75-142
591-78-6	2-Hexanone	125	123	98	61-129
98-82-8	Isopropylbenzene	25	26.4	106	83-132
99-87-6	p-Isopropyltoluene	25	23.8	95	79-130
74-83-9	Methyl Bromide	25	31.6	126	59-143
74-87-3	Methyl Chloride	25	32.9	132	50-159
74-95-3	Methylene Bromide	25	23.0	92	78-119
75-09-2	Methylene Chloride	25	23.2	93	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	120	96	66-122
1634-04-4	Methyl Tert Butyl Ether	25	22.5	90	72-117
91-20-3	Naphthalene	25	25.8	103	63-132
103-65-1	n-Propylbenzene	25	25.4	102	82-133
100-42-5	Styrene	25	21.8	87	78-119
630-20-6	1,1,1,2-Tetrachloroethane	25	24.0	96	77-122
79-34-5	1,1,2,2-Tetrachloroethane	25	21.9	88	72-120
127-18-4	Tetrachloroethylene	25	23.3	93	76-135
108-88-3	Toluene	25	24.2	97	80-120
87-61-6	1,2,3-Trichlorobenzene	25	24.4	98	68-131
120-82-1	1,2,4-Trichlorobenzene	25	22.5	90	73-129
71-55-6	1,1,1-Trichloroethane	25	22.5	90	75-130
79-00-5	1,1,2-Trichloroethane	25	23.0	92	76-119
79-01-6	Trichloroethylene	25	23.9	96	81-126
75-69-4	Trichlorofluoromethane	25	28.4	114	71-156
96-18-4	1,2,3-Trichloropropane	25	23.1	92	77-120
95-63-6	1,2,4-Trimethylbenzene	25	22.0	88	79-120
108-67-8	1,3,5-Trimethylbenzene	25	22.0	88	79-120
75-01-4	Vinyl Chloride	25	32.1	128	69-159
1330-20-7	Xylene (total)	75	72.0	96	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	101%	85-112%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA23534
Account: GSIKSW Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI690-BS	I29001.D	1	04/17/15	DP	n/a	n/a	VI690

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA23534-1, FA23534-2, FA23534-3, FA23534-4, FA23534-5, FA23534-6, FA23534-7, FA23534-8, FA23534-9, FA23534-10, FA23534-11, FA23534-12, FA23534-13, FA23534-14, FA23534-15

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA23534
Account: GSIKSW Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA23534-1MS	I29026.D	1	04/17/15	DP	n/a	n/a	VI690
FA23534-1MSD	I29027.D	1	04/17/15	DP	n/a	n/a	VI690
FA23534-1	I29011.D	1	04/17/15	DP	n/a	n/a	VI690

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA23534-1, FA23534-2, FA23534-3, FA23534-4, FA23534-5, FA23534-6, FA23534-7, FA23534-8, FA23534-9, FA23534-10, FA23534-11, FA23534-12, FA23534-13, FA23534-14, FA23534-15

CAS No.	Compound	FA23534-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		125	114	91	125	112	90	2	50-147/21
71-43-2	Benzene	ND		25	26.3	105	25	25.6	102	3	81-122/14
108-86-1	Bromobenzene	ND		25	25.9	104	25	25.4	102	2	80-121/14
74-97-5	Bromochloromethane	ND		25	26.5	106	25	25.2	101	5	76-123/14
75-27-4	Bromodichloromethane	ND		25	26.3	105	25	25.2	101	4	79-123/19
75-25-2	Bromoform	ND		25	21.9	88	25	20.9	84	5	66-123/21
78-93-3	2-Butanone (MEK)	ND		125	101	81	125	104	83	3	56-143/18
104-51-8	n-Butylbenzene	ND		25	24.8	99	25	24.1	96	3	79-126/16
135-98-8	sec-Butylbenzene	ND		25	27.8	111	25	27.2	109	2	83-133/16
98-06-6	tert-Butylbenzene	ND		25	27.1	108	25	26.5	106	2	80-133/16
75-15-0	Carbon Disulfide	ND		25	23.4	94	25	20.8	83	12	66-148/23
56-23-5	Carbon Tetrachloride	ND		25	24.3	97	25	22.2	89	9	76-136/23
108-90-7	Chlorobenzene	ND		25	28.0	112	25	27.6	110	1	82-124/14
75-00-3	Chloroethane	ND		25	32.9	132	25	29.7	119	10	62-144/20
67-66-3	Chloroform	ND		25	27.0	108	25	25.5	102	6	80-124/15
95-49-8	o-Chlorotoluene	ND		25	27.8	111	25	27.2	109	2	81-127/15
106-43-4	p-Chlorotoluene	ND		25	28.2	113	25	28.1	112	0	83-130/15
124-48-1	Dibromochloromethane	ND		25	25.1	100	25	23.9	96	5	78-122/19
96-12-8	1,2-Dibromo-3-chloropropane	ND		25	25.5	102	25	25.9	104	2	64-123/18
106-93-4	1,2-Dibromoethane	ND		25	25.4	102	25	25.7	103	1	75-120/13
75-71-8	Dichlorodifluoromethane	ND		25	42.4	170*	25	38.5	154	10	42-167/19
95-50-1	1,2-Dichlorobenzene	ND		25	27.6	110	25	26.9	108	3	82-124/14
541-73-1	1,3-Dichlorobenzene	ND		25	28.1	112	25	27.6	110	2	84-125/14
106-46-7	1,4-Dichlorobenzene	ND		25	25.9	104	25	25.3	101	2	78-120/15
75-34-3	1,1-Dichloroethane	ND		25	28.0	112	25	26.4	106	6	81-122/15
107-06-2	1,2-Dichloroethane	ND		25	27.9	112	25	27.2	109	3	75-125/14
75-35-4	1,1-Dichloroethylene	ND		25	34.3	137	25	31.9	128	7	78-137/18
156-59-2	cis-1,2-Dichloroethylene	1.5		25	29.5	112	25	27.4	104	7	78-120/15
156-60-5	trans-1,2-Dichloroethylene	ND		25	29.1	116	25	27.2	109	7	76-127/17
540-59-0	1,2-Dichloroethene (total)	1.5	J	50	58.6	114	50	54.6	106	7	77-122/15
78-87-5	1,2-Dichloropropane	ND		25	26.5	106	25	26.7	107	1	76-124/14
142-28-9	1,3-Dichloropropane	ND		25	27.9	112	25	28.3	113	1	80-118/13
594-20-7	2,2-Dichloropropane	ND		25	25.1	100	25	23.6	94	6	74-139/17
563-58-6	1,1-Dichloropropene	ND		25	28.3	113	25	27.8	111	2	79-131/16
10061-01-5	cis-1,3-Dichloropropene	ND		25	22.5	90	25	22.0	88	2	75-118/23
10061-02-6	trans-1,3-Dichloropropene	ND		25	22.2	89	25	21.5	86	3	80-120/22

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA23534
Account: GSIKSW Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA23534-1MS	I29026.D	1	04/17/15	DP	n/a	n/a	VI690
FA23534-1MSD	I29027.D	1	04/17/15	DP	n/a	n/a	VI690
FA23534-1	I29011.D	1	04/17/15	DP	n/a	n/a	VI690

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA23534-1, FA23534-2, FA23534-3, FA23534-4, FA23534-5, FA23534-6, FA23534-7, FA23534-8, FA23534-9, FA23534-10, FA23534-11, FA23534-12, FA23534-13, FA23534-14, FA23534-15

CAS No.	Compound	FA23534-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND		25	26.6	106	25	26.7	107	0	81-121/14
87-68-3	Hexachlorobutadiene	ND		25	24.5	98	25	23.6	94	4	75-142/19
591-78-6	2-Hexanone	ND		125	130	104	125	138	110	6	61-129/18
98-82-8	Isopropylbenzene	ND		25	29.3	117	25	28.8	115	2	83-132/15
99-87-6	p-Isopropyltoluene	ND		25	27.1	108	25	26.1	104	4	79-130/16
74-83-9	Methyl Bromide	ND		25	33.3	133	25	30.0	120	10	59-143/19
74-87-3	Methyl Chloride	ND		25	36.0	144	25	32.8	131	9	50-159/19
74-95-3	Methylene Bromide	ND		25	27.1	108	25	26.9	108	1	78-119/14
75-09-2	Methylene Chloride	ND		25	29.9	120	25	27.9	112	7	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		125	129	103	125	135	108	5	66-122/16
1634-04-4	Methyl Tert Butyl Ether	ND		25	27.6	110	25	26.4	106	4	72-117/14
91-20-3	Naphthalene	ND		25	25.2	101	25	28.6	114	13	63-132/25
103-65-1	n-Propylbenzene	ND		25	29.3	117	25	29.0	116	1	82-133/15
100-42-5	Styrene	ND		25	23.8	95	25	22.0	88	8	78-119/23
630-20-6	1,1,1,2-Tetrachloroethane	ND		25	25.8	103	25	24.5	98	5	77-122/19
79-34-5	1,1,2,2-Tetrachloroethane	ND		25	25.9	104	25	26.5	106	2	72-120/14
127-18-4	Tetrachloroethylene	ND		25	25.9	104	25	25.6	102	1	76-135/16
108-88-3	Toluene	ND		25	26.9	108	25	27.2	109	1	80-120/14
87-61-6	1,2,3-Trichlorobenzene	ND		25	23.3	93	25	25.8	103	10	68-131/25
120-82-1	1,2,4-Trichlorobenzene	ND		25	23.5	94	25	23.8	95	1	73-129/20
71-55-6	1,1,1-Trichloroethane	ND		25	27.0	108	25	25.4	102	6	75-130/16
79-00-5	1,1,2-Trichloroethane	ND		25	25.5	102	25	26.0	104	2	76-119/14
79-01-6	Trichloroethylene	1.1		25	28.3	109	25	27.8	107	2	81-126/15
75-69-4	Trichlorofluoromethane	ND		25	32.1	128	25	29.5	118	8	71-156/21
96-18-4	1,2,3-Trichloropropane	ND		25	27.3	109	25	27.1	108	1	77-120/16
95-63-6	1,2,4-Trimethylbenzene	ND		25	24.9	100	25	23.8	95	5	79-120/18
108-67-8	1,3,5-Trimethylbenzene	ND		25	24.9	100	25	24.3	97	2	79-120/19
75-01-4	Vinyl Chloride	ND		25	36.0	144	25	32.8	131	9	69-159/18
1330-20-7	Xylene (total)	ND		75	82.2	110	75	81.4	109	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA23534-1	Limits
1868-53-7	Dibromofluoromethane	102%	99%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	105%	98%	79-125%
2037-26-5	Toluene-D8	97%	99%	98%	85-112%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA23534
Account: GSIKSW Geotechnical Services Inc
Project: Brenntag; 1520 N Barwise, Wichita, KS

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA23534-1MS	I29026.D	1	04/17/15	DP	n/a	n/a	VI690
FA23534-1MSD	I29027.D	1	04/17/15	DP	n/a	n/a	VI690
FA23534-1	I29011.D	1	04/17/15	DP	n/a	n/a	VI690

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA23534-1, FA23534-2, FA23534-3, FA23534-4, FA23534-5, FA23534-6, FA23534-7, FA23534-8, FA23534-9, FA23534-10, FA23534-11, FA23534-12, FA23534-13, FA23534-14, FA23534-15

CAS No.	Surrogate Recoveries	MS	MSD	FA23534-1	Limits
460-00-4	4-Bromofluorobenzene	99%	100%	104%	83-118%

* = Outside of Control Limits.

Foth Infrastructure & Environment, LLC

PROJECT IDENTIFICATION

Project Name:	Brenntag – Wichita, KS
Laboratory:	Accutest Laboratories Southeast – Orlando, FL
Laboratory Project ID (SDG):	FA23534
Sample Collection Dates:	04/10/2015
Sample Analysis Dates:	04/17/2015
Sample Matrix:	Ground water
Analytical Fractions:	☒ VOC ☐ SVOC ☐ PEST/PCB ☐ TPH ☐ METALS ☐ ANIONS ☐ CATIONS ☐ WET CHEM
Sample IDs Reviewed:	See attached list
Verification and Validation Stage:	☐ 1 ☒ 2A ☐ 2B ☐ 3 ☐ 4
Verified and Validated By:	T. Scott Barton, Lead Env Scientist — Name, Title T. Scott Barton 6/8/15 — Signature, Date

SUMMARY

Item #	Review Item	Reported		Acceptable		Review Tasks
		Yes	No	Yes	No	
1.	Chain of Custody and Sample Receipt Form	X		X		Confirm relinquish & receipt signatures. Confirm parameters and analytical methods in SRF match COC which match SAP.
2.	Case Narrative		X	X		Review for items noted by the laboratory.
3.	Sample Condition Upon Receipt	X		X		Confirm samples in acceptable condition and no discrepancies noted. Preservation (temperature <6 degrees C, pH, etc)
4.	Methods Requested	X		X		Confirm the following: 1. Analyses ordered match workplan. 2. Lab provided all methods ordered.
5.	Analytes Requested	X		X		Confirm the following: 1. Analytes ordered match workplan. 2. Lab provided all analytes ordered.
6.	Holding Times	X		X		Confirm laboratory performed extractions and analyses within method-required holding times.
7.	Blanks	X		X		Confirm the following: 1. No detections in laboratory (method) blanks. 2. No detections in trip blanks (*VOCs only*). 3. No detections in equipment blanks. 4. Equipment/Trip blanks collected at workplan-required frequency.
8.	Surrogates	X		X		Confirm the following (*organic analyses only*): 1. Surrogates analyzed. 2. Surrogate recovery within QC limits.

Item #	Review Item	Reported		Acceptable		Review Tasks
		Yes	No	Yes	No	
9.	MS/MSDs	X		X		Confirm the following: 1. MS/MSDs at frequency specified in workplan. 2. MS percent recovery within lab specified limits. 3. Organic MSD relative percent difference (RPD) within limits. 4. Inorganic lab replicate RPD within limits.
10.	Field Duplicates	X		X		Confirm the following: 1. Field duplicates collected at required frequency. 2. Field duplicate RPD within acceptable limits.
11.	LCS/LCSDs	NA		NA		Confirm the following (*low-level water analyses only*): 1. LCS analyzed. 2. LCS/LCSD recovery within lab specified limits.
12.	Initial Calibrations	NA		NA		Confirm the following for project compounds and system monitoring compounds: 1. RRFs greater than or equal to 0.05. 2. %RSD from initial calibration less than 30%. If R^2 values are reported instead, R^2 must be > 0.990.
13.	Continuing Calibrations	NA		NA		Confirm the following for project compounds and system monitoring compounds: 1. RRF greater than 0.05. 2. %D less than 25%.
14.	Instrument Tuning	NA		NA		Confirm % relative abundance are within ion abundance criteria.
15.	Internal Standards	NA		NA		Confirm that retention times (RT) of samples are consistent with RT of the standards, within the upper and lower limits.

COMMENTS AND REQUIRED ACTIONS Comments are provided for any items that need additional explanation (referenced by item number above).

3. Samples were received at the lab at a temperature of 2.6 °C.

9. The % recovery for dichlorofluoromethane exceeded control limits (170% > 167%) in the matrix spike analysis (FA23534-1MS) for this sample delivery group. The associated matrix spike duplicate analysis (FA23534-1MSD) for this chemical was within control limits; therefore no qualifiers are assigned.

10. Parent and duplicate samples were collected from MW-3S and MW-3D. The precision for both sets of parent/duplicate samples was acceptable.

OVERALL ASSESSMENT OF DATA

Item	Acceptable		Comments
	Yes	No	
1. Method Criteria	X		
2. Precision	X		
3. Accuracy	X		
4. Representativeness	X		
5. Comparability	X		
6. Completeness	X		
7. Suitability for Intended Use	X		

Sample Summary

Geotechnical Services Inc

Job No: FA23534

Brenntag; 1520 N Barwise, Wichita, KS
Project No: 087013

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA23534-1	04/10/15	12:30	DK	04/11/15	AQ	Ground Water	MW-1S
FA23534-2	04/10/15	12:45	DK	04/11/15	AQ	Ground Water	MW-1D
FA23534-3	04/10/15	13:00	DK	04/11/15	AQ	Ground Water	MW-2S
FA23534-4	04/10/15	13:15	DK	04/11/15	AQ	Ground Water	MW-2D
FA23534-5	04/10/15	13:20	DK	04/11/15	AQ	Ground Water	MW-3S
FA23534-6	04/10/15	13:25	DK	04/11/15	AQ	Ground Water	MW-3D
FA23534-7	04/10/15	13:50	DK	04/11/15	AQ	Ground Water	MW-4S
FA23534-8	04/10/15	14:00	DK	04/11/15	AQ	Ground Water	MW-4D
FA23534-9	04/10/15	14:25	DK	04/11/15	AQ	Ground Water	MW-5S
FA23534-10	04/10/15	14:30	DK	04/11/15	AQ	Ground Water	MW-5D
FA23534-11	04/10/15	14:45	DK	04/11/15	AQ	Ground Water	MW-6S
FA23534-12	04/10/15	14:50	DK	04/11/15	AQ	Ground Water	MW-6D
FA23534-13	04/10/15	00:00	DK	04/11/15	AQ	Ground Water	DUP-S

Sample Summary
(continued)

Geotechnical Services Inc

Job No: FA23534

Brenntag; 1520 N Barwise, Wichita, KS
Project No: 087013

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA23534-14	04/10/15	00:00 DK	04/11/15	AQ	Ground Water	DUP-D
FA23534-15	04/10/15	00:00 DK	04/11/15	AQ	Trip Blank Water	TRIP BLANK

RPD Analysis
Analytical Report FA23534
Brenntag - Wichita, KS

Relative Percent Difference ("RPD") Analysis for Field Duplicate Samples

RPD =

$$\frac{\text{absolute value } (a - b)}{(a + b)/2} \times 100\%$$

Acceptance Criteria*: 35%
(typically 35% for water samples, 50% for soil)

* Unless otherwise noted in project planning documents, the acceptance criteria for field duplicates relative percent difference ("RPD") is as follows:

- For analytes with concentrations greater than 5x the reporting limit, the RPD should be within 35% for water matrices and 50% for soil matrices.
- For analytes with either or both concentrations less than 5x the reporting limit (indicated below by "low-level"), duplicate concentrations should agree within 5x the reporting limit.

Duplicate Result Analysis

Analyte	Parent Sample Result	Duplicate Sample Result	RPD	Acceptable?
	MW-03S	BLIND DUP-S		
cis-1,2-Dichloroethylene	0.0057	0.0052	low-level	Yes
1,2-Dichloroethene (total)	0.0057	0.0052	low-level	Yes
Tetrachloroethylene	0.002	0.0021	low-level	Yes
Trichloroethylene	0.003	0.0028	low-level	Yes
	MW-03D	BLIND DUP-D		
Benzene	0.00024	0.00023	low-level	Yes
Chlorobenzene	0.00026	0.00028	low-level	Yes
1,1-Dichloroethane	0.0005	0.0005	low-level	Yes
1,2-Dichloroethane	0.00026	0.00024	low-level	Yes
1,1-Dichloroethylene	0.0011	0.001	low-level	Yes
cis-1,2-Dichloroethylene	0.0474	0.0465	1.9%	Yes
trans-1,2-Dichloroethylene	0.001	0.00094	low-level	Yes
1,2-Dichloroethene (total)	0.0485	0.0474	2.3%	Yes
Trichloroethylene	0.0012	0.0014	low-level	Yes
Vinyl chloride	0.0011	0.0011	low-level	Yes