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July 24, 2006

Mr. Wesley Hill
Duke Energy Field Services, LP
370 17th Street, Suite 2500
Denver, CO 80202

**Re: First and Second Quarters 2006 Groundwater Monitoring and Remediation Status Report
DEFS Spindle Gas Plant,
9101 Weld County Road 14, Fort Lupton, CO**

Dear Mr. Hill:

Cordilleran Compliance Services, Inc. (Cordilleran) has completed environmental oversight and sampling services for the first and second quarters of 2006, at the Duke Energy Field Services, LP (DEFS) Spindle Gas Plant, which is located at 9101 Weld County Road 14, Fort Lupton, Colorado. This report discusses the field activities, groundwater laboratory analytical results, and remediation status for the first two quarters of 2006. The locations of the monitoring wells, piezometers and the Northeast (NE) Remediation System are shown in Figure 1.

Groundwater samples and fluid level measurements were collected from monitoring wells and piezometers in February 2006 (First Quarter) and May 2006 (Second Quarter). The air sparge for the NE Remediation System was operated throughout this period with minimal down time. In addition, numerous piezometers that were used to measure fluid levels primarily for the measurement of Phase Separated Hydrocarbons (PSH) were abandoned in April 2006.

Groundwater Monitoring

For the February monitoring, a total of 67 fluid levels were obtained from monitoring wells and piezometers. In May, a total of 50 fluid levels were measured from monitoring wells and piezometers. Prior to sampling each well, dissolved oxygen (DO) and fluid

level measurements were collected and the wells were purged of three casing volumes. The wells were sampled using weighted disposable bailers equipped with bottom valve assemblies. Field parameters, which included pH and temperature, were obtained immediately prior to sampling the well. All samples were placed into laboratory provided containers, stored on ice, and submitted to Environmental Science Corp. (ESC) of Mount Juliet, Tennessee following chain-of-custody protocol. All groundwater samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8021B.

Site Hydrogeology

Groundwater levels have not varied significantly throughout this reporting period of 2006. A summary of groundwater elevations is presented in Table 1. In February 2006, the groundwater elevations across the site varied from a high of 4988.71 feet-mean sea level (ft-msl) at MW-27, located west of the Plant, to a low of 4970.16 ft-msl at MW-44, located east of the Plant (Figure 2). In May 2006, the groundwater elevations across the site were similar and varied from a high of 4988.57 ft-msl at MW-27 to a low of 4969.77 ft-msl at MW-44 (Figure 3). Groundwater flow across most of the site is directed to the east and northeast (the regional groundwater flow direction) with an average gradient across the site of 0.017 feet per foot (ft/ft) in February, and 0.018 ft/ft in May which are similar to previously measured gradients. A minor southwesterly groundwater flow component continues to exist in the southwest corner of the Plant with a measured gradient of 0.016 ft/ft in February and 0.004 ft/ft in May 2006. The differences in the measured gradient in this area of the Plant can be attributed to spring irrigation that was observed in the area during the May monitoring period. Historical groundwater measurements are presented in Attachment 1.

Phase Separated Hydrocarbons Observations

The most notable hydrocarbon impacts that have been observed at the Plant were observed during monitoring well installation and are limited to the shallow groundwater or at depths ranging from 5 feet to 15 feet-below ground surface (ft-bgs) in the sandy silt soil. The measurement for PSH at the Plant was conducted during groundwater

monitoring in February and May. The historical PSH measurements are presented in Attachment 1. In February, PSH was detected in piezometer PZ5R and was detected in piezometers PZ5R and PZ17 in May. PZ5R is located on the west side of the Plant and near the compressor building and PZ17 is located in the area upgradient of the Northeast system (Figure 1). These piezometers were bailed following fluid level measurement until no PSH were remaining. Fluid level measurements will continue to be obtained at the Plant on a quarterly basis.

Laboratory Analytical Results

The annual sample list of monitoring wells was used for the February sampling event and the quarterly sampling list was used for the May sampling. Forty (40) monitoring wells were sampled in February, and 31 monitoring wells were sampled in May to assess the dissolved phase hydrocarbon concentrations in groundwater at the site. In addition, two duplicate samples were acquired and submitted for analyses during both sampling periods. A summary of the laboratory results for this reporting period is presented in Table 1. The historical analytical results are presented in Attachment 2. The laboratory analytical reports for this reporting period, including the quality assurance/quality control data and the chain-of-custody records, are presented in Attachment 3. Figure 4 shows the extent of the benzene concentration at the Plant as detected in February 2006 and Figure 5 shows the extent of benzene concentration at the Plant in May 2006. Attachment 4 contains monitoring well hydrographs verses benzene concentration for each monitoring well.

For February, the laboratory results for 23 of the sampled monitoring wells showed no benzene detections above the Colorado Basic Ground Water Quality (CBGWQ) standard for benzene of 0.005 milligrams per liter (mg/L). The laboratory results for this quarter did indicate that the concentrations of benzene reported for 17 monitoring wells exceed the CBGWQ standard. One of these wells, MW-25, is located on the west side and upgradient of the Plant and three of these wells, MW-31, MW-32 and MW-38, are located on the east side and downgradient of the Plant (Table 1). The point-of-compliance (POC) well, MW-39, located in the area downgradient of the southwest

corner of the Plant and the POC well, MW-44, located in the downgradient and northeast of the Plant, did not have any detections of benzene above the lower method detection limit of 0.0005 mg/L. One well, MW-4, located onsite had a toluene concentration of 10.0 mg/L which exceeds the CBGWQ standard of 1.0 mg/L (Table 1).

For May, the laboratory results for 17 of the sampled monitoring wells showed no benzene detections above the CBGWQ standard (Table 1). The laboratory results for this quarter did indicate that the concentration of benzene reported for 13 monitoring wells exceed the CBGWQ standard. In addition, monitoring wells, MW-25, MW-31 and MW-32 exceeded the standard. The POC wells, MW-44 and MW-39 continued to show no detections of benzene above the lower method detection limit. Only one well, MW-4, had a toluene detection of 7.9 mg/L that exceeded the CBGWQ standard (Table 1).

Remediation Status

The air sparging system has been in operation in the northeast portion of the Plant since March 2003. In February and May, the groundwater data collected from monitoring wells in the northeast area showed a continuing decline in benzene concentrations downgradient of the system (Attachment 4). This data and increased dissolved oxygen concentrations in the area indicate that the biologic activity is increasing and allowing for natural attenuation downgradient from the system.

The west remediation system was in operation along the western portion of the Plant for approximately two years until May 2003, when the system was turned off. Monitoring wells MW-17 and MW-34, which are located in the immediate area of the system, continue to show a decline in benzene concentration since the system was turned off (Attachment 4). However, MW-33 has shown an increase in benzene concentration since November 2005. PSH has not been detected in the west area monitoring wells or piezometers since shut down of the system and overall benzene concentrations in the southwest area of the Plant have continued to decrease in benzene concentrations.

Piezometer Abandonments

Due to the decrease in measurable PSH at the Plant, numerous piezometers that have not shown PSH for the last 3 years of monitoring were no longer needed for monitoring fluid levels. In April 2006, 24 piezometers and extraction wells were abandoned according the guidelines established by the Office of the State Engineer. Figure 1 (Site Map) shows the current monitoring network of wells and piezometers that are being measured for fluid levels.

Discussion

Groundwater elevations have continued to be higher than the historically low levels measured during the 1st Quarter 2003, but were consistent with other periods measured during other years (Attachments 2 and 4). In general, the groundwater levels show the low in fall and winter and the high in spring and summer. PSH has continued to decline throughout the Plant and appear to be related to remedial efforts and decreasing amounts of PSH at the Plant. The only PSH observed during this reporting period were found in piezometers PZ5R and PZ17 where PSH had been previously measured and are located in areas away from the remediation systems.

The laboratory results for groundwater samples collected during this reporting period of 2006 are consistent with previously collected data. Generally, the monitoring wells with highest concentrations of benzene are located in the southwest area of the Plant and in the area upgradient from the NE Remediation System (Figures 4 and 5). The POC monitoring wells, located in the northeast and southwest areas of the Plant, continue to not show benzene concentration above 0.0005 mg/L.

The dissolved phase hydrocarbon plume continues to decrease in the area covered throughout the Plant. The area of benzene concentration greater than 0.0005 mg/L at the Plant covered approximately 529,000 ft² in February 2006 and approximately 503,000 ft² in May 2006, which is similar to the amount of area found in 2005 (Figures 4 and 5). The benzene concentrations found greater than 5 mg/L covered approximately 3,000 ft² in

February 2006 and approximately 2,300 ft² in May 2006, and is located in the southwest area of the Plant, where it has consistently been found during previous monitoring periods.

The impacts identified on the northeast and southwest corners of the Plant will continue to be addressed to prevent impacted groundwater from migrating.

Sincerely,

Cordilleran Compliance Services, Inc.

Brad Stephenson, P.G.
Senior Hydrogeologist

Attachments

Tables

Table 1
Summary of 2006 First and Second Quarter BTEX Detections and Groundwater Elevations
Duke Energy, Spindle Gas Plant
Weld County, Colorado

Well ID	Date	Ground Water Elevation (ft)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
Colorado RBSLs (mg/L)			0.005	1	0.68	10
MW-1	2/14/06	4985.82	0.0028	<0.0050	<0.00050	0.0017
	5/24/06	4986.06	0.0016	<0.0050	<0.00050	0.0043
MW-2	2/14/06	4987.32	12	<2.5	0.93	<0.75
	5/24/06	4987.21	12	<1.2	0.48	<0.38
MW-3	2/14/06	4987.57	1.3	<0.12	<0.012	0.085
	5/24/06	4987.46	3.2	<0.12	0.018	0.28
MW-4	2/14/06	4987.51	3.4	10	<0.50	5.1
	5/24/06	4987.29	3.6	7.9	0.37	4.7
MW-5	2/13/06	4985.92	0.18	<1.2	0.14	0.44
	5/24/06	4985.83	0.18	<0.12	0.049	0.31
MW-6	2/13/06	4987.66	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4987.16	<0.00050	<0.0050	<0.00050	<0.0015
MW-7	2/13/06	4984.97	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4987.58	<0.00050	<0.0050	<0.00050	<0.0015
MW-8	2/13/06	4984.36	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4984.76	<0.00050	<0.0050	<0.00050	<0.0015
MW-9	2/13/06	4984.83	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4985.36	<0.00050	<0.0050	<0.00050	<0.0015
MW-10	2/13/06	4986.12	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4986.37	<0.00050	<0.0050	<0.00050	<0.0015
MW-11	2/15/06	4986.56	0.00052	<0.0050	<0.00050	<0.0015
	5/23/06	4986.62	NS	NS	NS	NS
MW-12	2/14/06	4987.59	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4987.66	NS	NS	NS	NS
MW-13	2/14/06	4987.06	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4986.86	NS	NS	NS	NS
MW-14	2/14/06	4985.70	<0.00050	<0.0050	<0.00050	<0.0015
	5/24/06	4985.60	<0.00050	<0.0050	<0.00050	<0.0015
MW-15	2/14/06	4985.45	<0.00050	<0.0050	<0.00050	0.0020
	5/24/06	4985.33	0.0012	<0.0050	<0.00050	<0.0015
MW-16	2/14/06	4985.40	2.0	<0.12	0.017	0.26
	5/23/06	4985.23	NS	NS	NS	NS
MW-17	2/14/06	4988.01	1.5	<0.12	<0.012	0.047
	2/14/06-D		1.6	<0.12	<0.012	0.0046
	5/24/06	4987.85	0.38	<0.0050	<0.00050	0.0098
	5/24/06-D		0.040	<0.0050	<0.00050	0.0072
MW-18	2/13/06	4988.25	0.34	<0.025	0.089	0.52
	5/23/06	4988.12	0.11	<0.025	<0.0025	0.13
MW-19	2/14/06	4986.94	0.23	<0.025	<0.0025	1.9
	5/23/06	4986.82	NS	NS	NS	NS
MW-20	2/14/06	4984.15	2.6	0.37	0.49	2.1
	5/23/06	4984.07	NS	NS	NS	NS

Table 1
Summary of 2006 First and Second Quarter BTEX Detections and Groundwater Elevations
Duke Energy, Spindle Gas Plant
Weld County, Colorado

Well ID	Date	Ground Water Elevation (ft)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
Colorado RBSLs (mg/L)			0.005	1	0.68	10
MW-21	2/15/06	4983.59	2.5	0.46	0.079	2.7
	5/23/06	4983.48	0.77	<5.0	<0.50	1.5
MW-22	2/15/06	4980.28	0.0029	<0.0050	0.00085	<0.0015
	5/23/06	4980.00	<0.00050	<0.0050	<0.00050	<0.0015
MW-23	2/14/06	4982.21	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4981.81	NS	NS	NS	NS
MW-24	2/14/06	4984.44	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4984.37	<0.00050	<0.0050	<0.00050	<0.0015
MW-25	2/13/06	4987.53	0.031	<0.025	0.030	1.5
	5/23/05	4987.38	0.18	<0.12	<0.012	1.4
MW-26	2/15/06	4988.02	<0.00050	<0.0050	<0.00050	<0.0015
	5/24/06	4988.25	<0.00050	<0.0050	<0.00050	<0.0015
MW-27	2/13/06	4988.71	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4988.57	NS	NS	NS	NS
MW-28	2/14/06	4980.44	<0.00050	<0.0050	<0.00050	<0.0015
	5/22/06	4980.31	<0.00050	<0.0050	<0.00050	<0.0015
MW-29	2/13/06	4979.64	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4979.07	NS	NS	NS	NS
MW-30	2/13/06	4978.13	<0.00050	<0.0050	<0.00050	<0.0015
	5/22/06	4977.57	<0.00050	<0.0050	<0.00050	<0.0015
MW-31	2/13/06	4978.89	0.11	<0.0050	0.12	0.11
	5/22/06	4978.43	0.030	< 0.12	0.022	0.067
MW-32	2/13/06	4979.58	2.9	<2.5	0.37	3.6
	5/22/06	4979.28	0.30	<1.2	< 0.12	0.52
MW-33	2/14/06	4987.92	0.46	<0.50	0.0056	1.3
	5/24/06	4987.78	0.35	< 0.0050	0.0030	0.98
MW-34	2/14/06	4987.79	0.0056	<0.050	<0.0050	0.0019
	5/24/06	4987.57	0.020	<0.0050	<0.00050	0.012
MW-35	2/13/06	4975.79	0.00050	<0.0050	<0.00050	<0.0015
	2/13/06-D		0.00060	<0.0050	<0.00050	<0.0015
	5/22/06	4975.43	<0.00050	<0.0050	<0.00050	<0.0015
	5/22/06-D		<0.00050	<0.0050	<0.00050	<0.0015
MW-36	2/21/06	4982.00	0.86	0.74	0.27	2.1
	5/22/06	4981.89	1.4	<5.0	<0.50	2.7
MW-37	2/13/06	4978.15	<0.00050	<0.0050	<0.00050	<0.0015
	5/22/06	4977.60	<0.00050	<0.0050	<0.00050	<0.0015
MW-38	2/13/06	4978.81	0.96	<0.12	0.19	0.70
	5/22/06	4978.47	0.0030	<0.0050	<0.00050	0.0033
MW-39	2/13/06	4982.22	<0.00050	<0.0050	<0.00050	<0.0015
	5/23/06	4985.88	<0.00050	<0.0050	<0.00050	<0.0015
MW-44	2/13/06	4970.16	<0.00050	<0.0050	<0.00050	<0.0015
	5/22/06	4969.77	<0.00050	<0.0050	<0.00050	<0.0015

D - Duplicate Sample

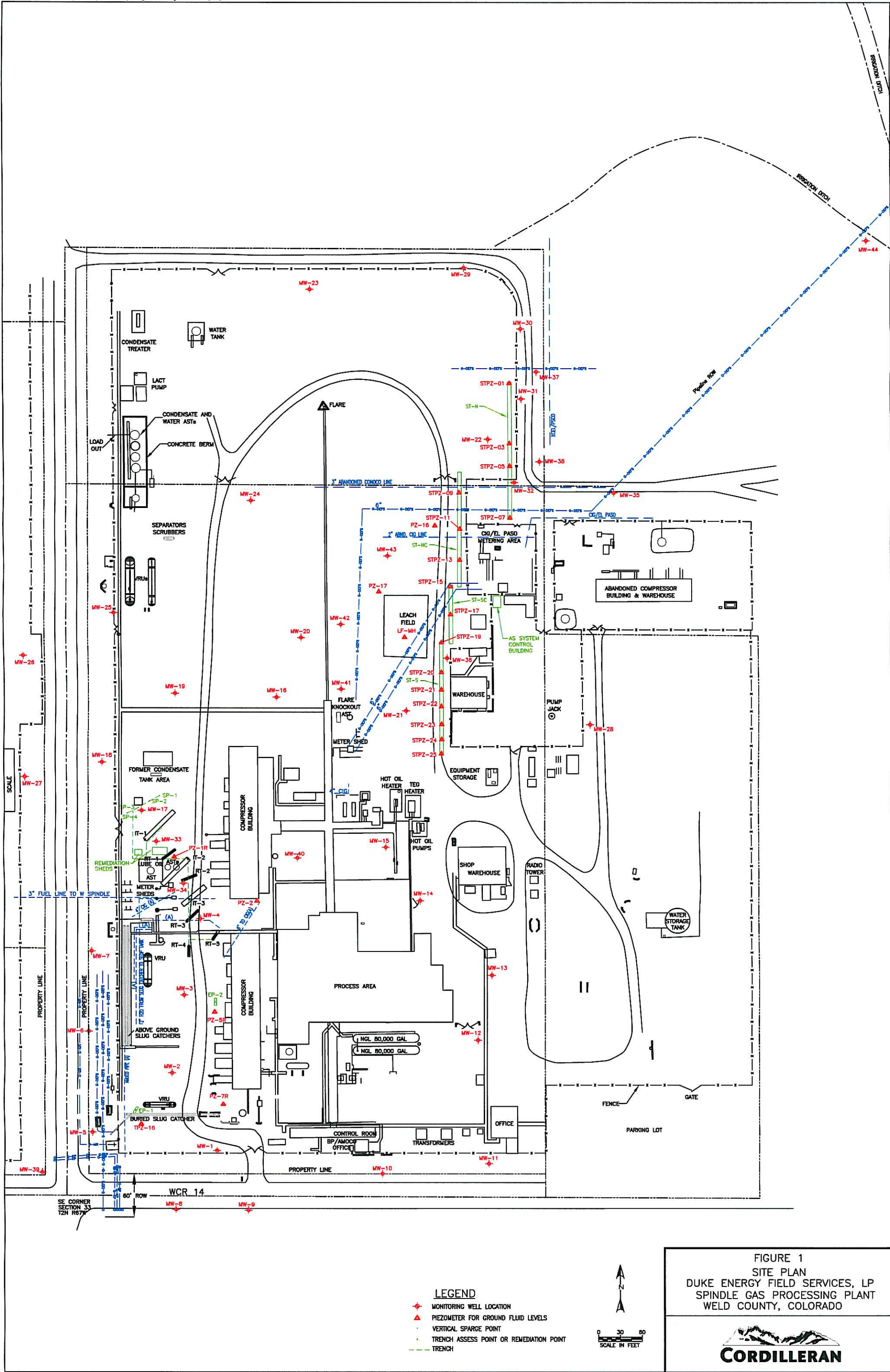
MW- Monitoring Well

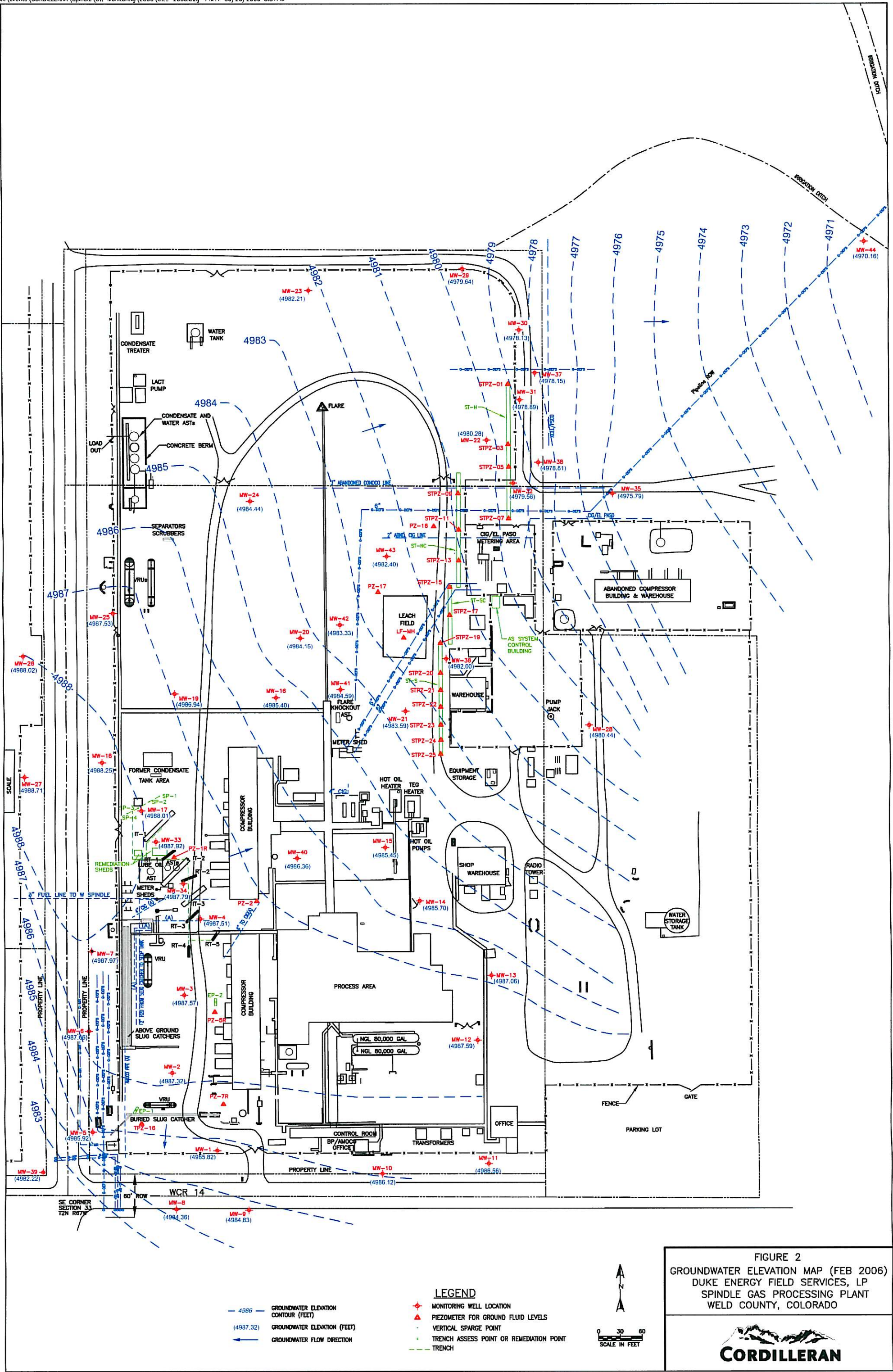
mg/L-milligrams per liter

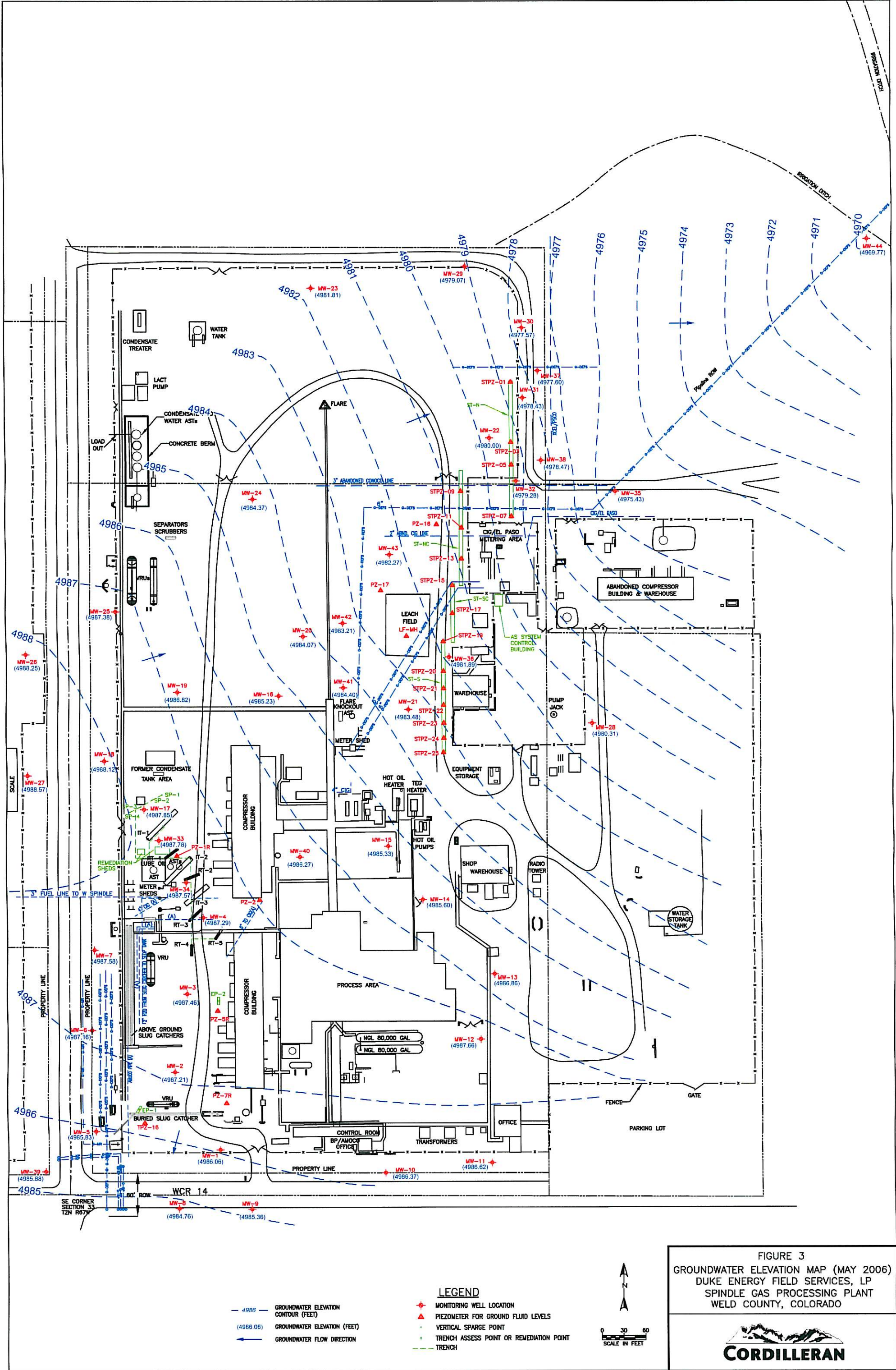
NS- Not Sampled

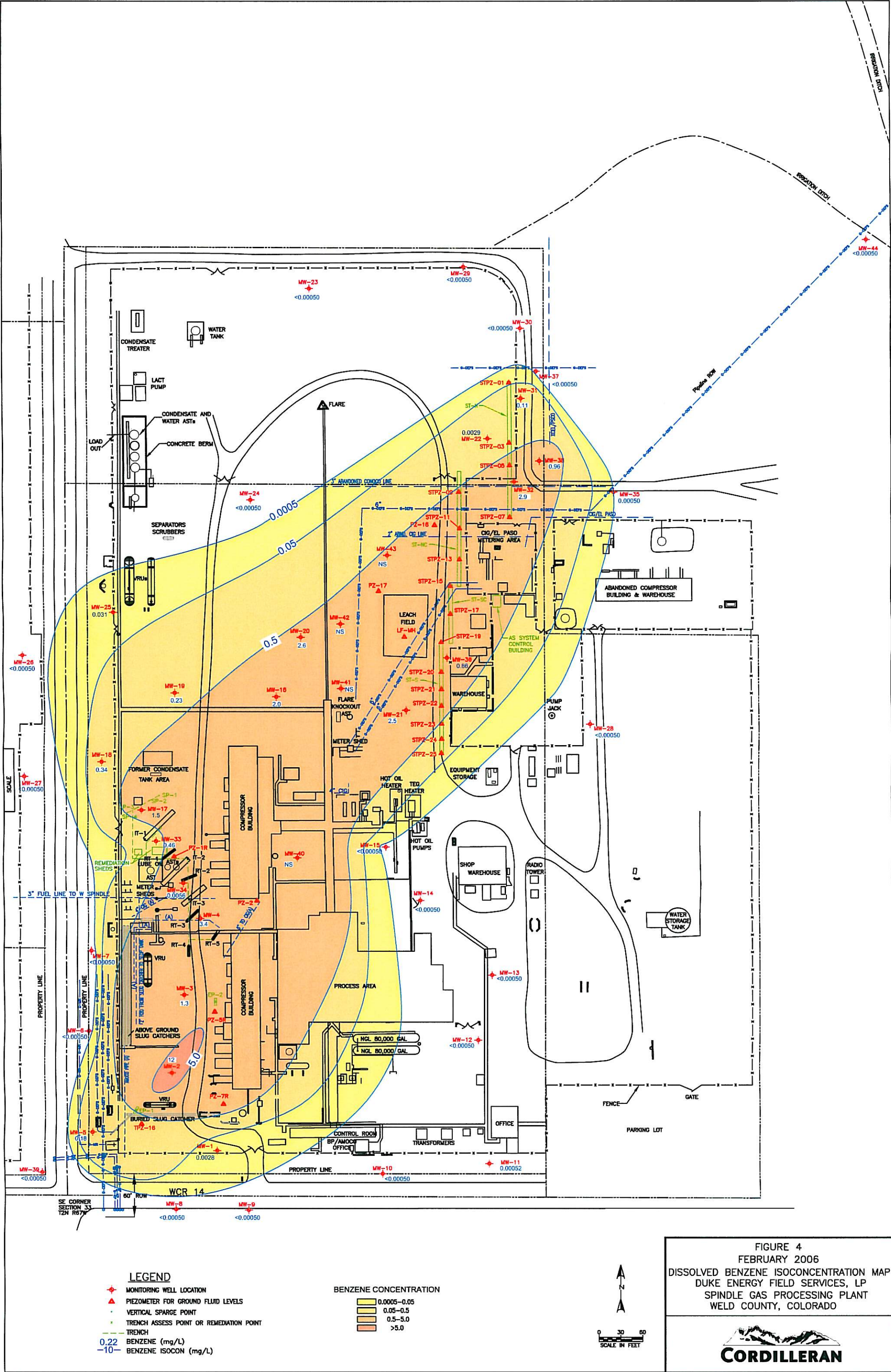
BOLD- concentration above Colorado Basic Ground Water Quality Standard

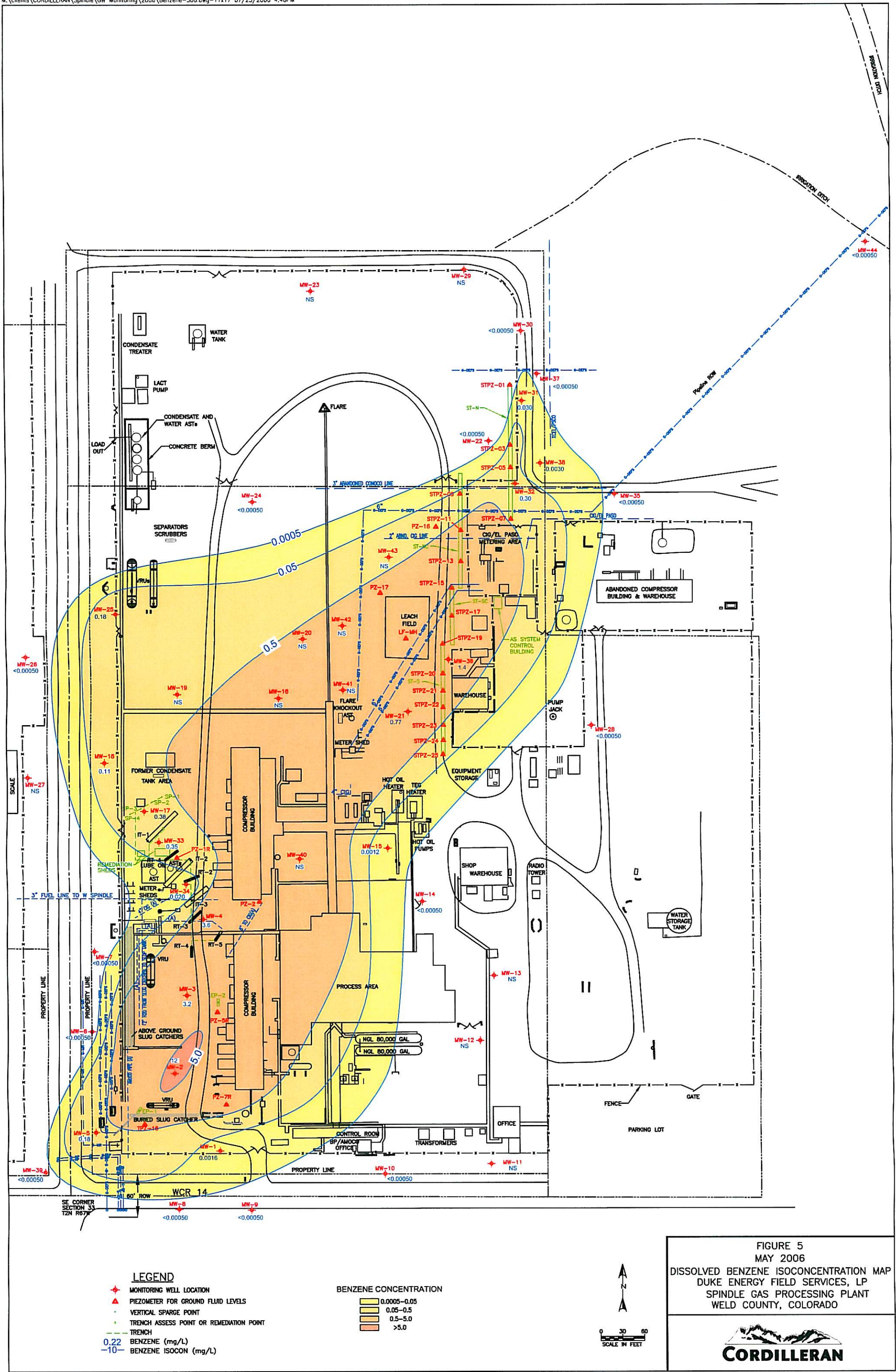
Figures











Attachment 1

Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)	
MW1	8/18/2000	4989.30		1.63	0.00	4987.67	
	8/22/2000			2.34	0.00	4986.96	
	8/24/2000			2.59	0.00	4986.71	
	9/8/2000	4989.29		3.26	0.00	4986.03	
	10/18/2000			4.21	0.00	4985.08	
	11/14/2000			4.62	0.00	4984.67	
	3/22/2001			5.75	0.00	4983.54	
	4/5/2001			5.87	0.00	4983.42	
	4/17/2001			5.28	0.00	4984.01	
	4/24/2001		5.04	5.05	0.01	4984.25	
	5/15/2001			3.26	0.00	4986.03	
	5/30/2001		3.54	3.55	0.01	4985.75	
	6/13/2001			3.36	0.00	4985.93	
	6/22/2001			2.53	0.00	4986.76	
	7/6/2001			2.28	0.00	4987.01	
	7/11/2001			2.30	0.00	4986.99	
	7/30/2001			2.31	0.00	4986.98	
	8/15/2001			3.00	0.00	4986.29	
	10/9/2001			3.22	0.00	4986.07	
	2/5/2002			5.78	0.00	4983.51	
	5/9/2002			5.49	0.00	4983.80	
	8/20/2002			5.85	0.00	4983.44	
	11/19/2002			6.95	7.03	0.08	4982.32
	1/16/2003			7.40	7.44	0.04	4981.88
	1/21/2003				7.44	0.00	4981.85
	1/28/2003				7.48	0.00	4981.81
	1/31/2003				7.49	0.00	4981.80
	2/4/2003				7.51	0.00	4981.78
	2/11/2003			7.55	7.56	0.01	4981.74
	2/18/2003		4989.86		7.57	0.00	4982.29
	2/25/2003				7.62	0.00	4982.24
	2/27/2003				7.63	0.00	4982.23
	3/3/2003				7.64	0.00	4982.22
	3/5/2003				7.67	0.00	4982.19
	3/10/2003			7.67	7.68	0.01	4982.19
	3/13/2003				7.67	0.00	4982.19
	3/17/2003				7.67	0.00	4982.19
	3/24/2003				6.73	0.00	4983.13
	4/30/2003			5.13	5.14	0.01	4984.73
	5/13/2003				4.69	0.00	4985.17
	7/16/2003				3.01	0.00	4986.85
	8/11/2003				2.68	0.00	4987.18
	11/10/2003				4.06	0.00	4985.80
	12/18/2003				4.70	0.00	4985.16
	1/22/2004				5.05	0.00	4984.81
	2/16/2004				5.32	0.00	4984.54
	5/25/2004				4.77	0.00	4985.09
8/25/2004				4.17	0.00	4985.69	
11/10/2004				4.55	0.00	4985.31	
2/14/2005				5.45	0.00	4984.41	
5/18/2005				3.12	0.00	4986.74	
8/24/2005				2.41	0.00	4987.45	
11/16/2005				3.02	0.00	4986.84	
2/14/2006				4.04	0.00	4985.82	
5/24/2006				3.80	0.00	4986.06	

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW2	8/18/2000	4989.78		2.78	0.00	4987.00
	8/22/2000			2.99	0.00	4986.79
	8/24/2000			3.02	0.00	4986.76
	9/8/2000			2.88	0.00	4986.90
	10/18/2000			3.39	0.00	4986.39
	11/14/2000			3.54	0.00	4986.24
	2/16/2001			4.15	0.00	4985.63
	3/22/2001		4.22	4.50	0.28	4985.49
	4/5/2001		4.25	4.62	0.37	4985.44
	4/17/2001			4.10	0.00	4985.68
	4/24/2001		3.91	4.20	0.29	4985.80
	5/15/2001		2.11	2.29	0.18	4987.63
	5/30/2001		2.32	2.52	0.20	4987.41
	6/13/2001		2.14	2.26	0.12	4987.61
	6/22/2001		2.05	2.13	0.08	4987.71
	7/6/2001		2.12	2.22	0.10	4987.64
	7/11/2001		2.32	2.43	0.11	4987.43
	7/30/2001		2.15	2.21	0.06	4987.62
	8/15/2001		2.63	2.75	0.12	4987.12
	10/9/2001		2.90	2.91	0.01	4986.88
	5/8/2002		4.61	4.82	0.21	4985.12
	8/20/2002		4.79	5.02	0.23	4984.93
	11/18/2002		5.48	6.08	0.60	4984.15
	1/16/2003		5.86	6.24	0.38	4983.83
	1/21/2003		5.93	6.20	0.27	4983.78
	1/28/2003		6.01	6.12	0.11	4983.74
	1/31/2003		6.02	6.10	0.08	4983.74
	2/4/2003		6.03	6.16	0.13	4983.72
	2/7/2003		6.00	6.30	0.30	4983.71
	2/11/2003		6.06	6.34	0.28	4983.65
	2/18/2003	4990.37	6.07	6.33	0.26	4984.24
	2/20/2003		6.13	6.26	0.13	4984.21
	2/25/2003		6.13	6.34	0.21	4984.19
	2/27/2003		6.18	6.27	0.09	4984.17
	3/3/2003		6.18	6.34	0.16	4984.15
	3/5/2003		6.20	6.37	0.17	4984.13
	3/10/2003		6.22	6.34	0.12	4984.12
	3/13/2003		6.22	6.37	0.15	4984.11
	3/17/2003		6.20	6.38	0.18	4984.13
	3/24/2003		5.54	5.74	0.20	4984.78
	4/10/2003			4.54	0.00	4985.83
	4/30/2003			3.89	0.00	4986.48
	5/13/2003			3.44	0.00	4986.93
	5/20/2003			3.62	0.00	4986.75
	7/16/2003			2.26	0.00	4988.11
	8/11/2003			2.64	0.00	4987.73
	11/10/2003			3.62	0.00	4986.75
	12/18/2003			4.35	0.00	4986.02
	1/22/2004			4.10	0.00	4986.27
	2/16/2004			4.20	0.00	4986.17
	5/25/2004			3.70	0.00	4986.67
	8/25/2004			3.47	0.00	4986.90
	11/10/2004			3.74	0.00	4986.63
	2/14/2005			4.09	0.00	4986.28
	5/18/2005			2.66	0.00	4987.71
	8/23/2005			2.26	0.00	4988.11
	11/16/2005			2.39	0.00	4987.98
	2/14/2006			3.05	0.00	4987.32
	5/24/2006			3.16	0.00	4987.21

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW3	8/18/2000	4990.53		2.59	0.00	4987.94
	8/22/2000			2.58	0.00	4987.95
	8/24/2000			2.53	0.00	4988.00
	9/8/2000	4990.52		2.45	0.00	4988.07
	10/18/2000		3.50	4.12	0.62	4986.87
	11/14/2000			2.87	0.00	4987.65
	1/24/2001		3.97	4.36	0.39	4986.45
	2/16/2001			4.15	0.00	4986.37
	3/22/2001		4.50	5.40	0.90	4985.80
	4/5/2001		4.08	4.17	0.09	4986.42
	4/17/2001			4.22	0.00	4986.30
	4/24/2001		4.06	4.70	0.64	4986.30
	5/15/2001		2.30	2.45	0.15	4988.18
	5/30/2001		2.16	2.20	0.04	4988.35
	6/13/2001		2.18	2.22	0.04	4988.33
	6/22/2001		2.14	2.20	0.06	4988.37
	7/6/2001		2.27	3.50	1.23	4987.94
	7/11/2001		2.35	2.44	0.09	4988.15
	7/30/2001			2.30	0.00	4988.22
	8/15/2001		2.48	2.49	0.01	4988.04
	10/9/2001		2.97	3.00	0.03	4987.54
	2/5/2002		0.00	4.43	0.00	4986.09
	5/8/2002		0.00	3.88	0.00	4986.64
	8/20/2002		3.85	3.93	0.08	4986.65
	11/18/2002		5.23	6.56	1.33	4984.96
	1/16/2003		5.93	6.78	0.85	4984.38
	1/21/2003		6.20	6.21	0.01	4984.32
	1/28/2003		6.18	6.29	0.11	4984.31
	1/31/2003		6.19	6.23	0.04	4984.32
	2/4/2003			6.25	0.00	4984.27
	2/11/2003		6.25	6.36	0.11	4984.24
	2/18/2003	4991.12		6.28	0.00	4984.84
	3/5/2003		6.39	6.46	0.07	4984.71
	3/10/2003		6.39	6.50	0.11	4984.70
	3/13/2003		6.94	7.00	0.06	4984.17
	3/17/2003			6.66	0.00	4984.46
	3/24/2003			5.24	0.00	4985.88
	4/30/2003			4.08	0.00	4987.04
	5/13/2003			5.18	0.00	4985.94
	5/20/2003			3.08	0.00	4988.04
	7/16/2003			2.24	0.00	4988.88
	8/11/2003			3.06	0.00	4988.06
	11/10/2003			3.93	0.00	4987.19
	12/18/2003			4.37	0.00	4986.75
	1/22/2004			4.38	0.00	4986.74
	2/16/2004			4.60	0.00	4986.52
	5/25/2004			4.13	0.00	4986.99
	8/25/2004			3.78	0.00	4987.34
	11/10/2004			3.87	0.00	4987.25
	2/14/2005			4.42	0.00	4986.70
	5/18/2005			3.47	0.00	4987.65
	8/23/2005			2.91	0.00	4988.21
	11/16/2005			3.08	0.00	4988.04
	2/14/2006			3.55	0.00	4987.57
	5/24/2006			3.66	0.00	4987.46

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW4	8/18/2000	4992.62	5.38	11.60	6.22	4985.69
	8/22/2000		4.92	9.59	4.67	4986.53
	8/24/2000			9.42	0.00	4983.20
	9/8/2000	4991.32	4.81	7.85	3.04	4985.75
	10/18/2000		5.22	6.90	1.68	4985.68
	11/14/2000		5.75	7.45	1.70	4985.15
	1/24/2001		5.74	9.02	3.28	4984.76
	2/16/2001		6.23	9.48	3.25	4984.28
	3/22/2001		5.10	8.10	3.00	4985.47
	4/5/2001		5.63	8.58	2.95	4984.95
	4/17/2001		5.83	5.84	0.01	4985.49
	4/24/2001		5.96	6.51	0.55	4985.22
	5/15/2001		5.25	6.68	1.43	4985.71
	5/30/2001		5.16	6.40	1.24	4985.85
	6/13/2001		5.13	5.62	0.49	4986.07
	6/22/2001		5.14	5.49	0.35	4986.09
	7/6/2001		5.05	5.41	0.36	4986.18
	7/11/2001		5.10	5.20	0.10	4986.20
	7/30/2001		5.07	5.23	0.16	4986.21
	8/15/2001		5.13	5.14	0.01	4986.19
	10/9/2001		5.59	5.60	0.01	4985.73
	2/5/2002		8.46	8.62	0.16	4982.82
	5/9/2002		4.35	4.45	0.10	4986.95
	8/20/2002		3.91	3.92	0.01	4987.41
	11/18/2002			3.98	0.00	4987.34
	2/18/2003	4993.23	7.84	7.86	0.02	4985.39
	3/5/2003		7.88	7.93	0.05	4985.34
	3/10/2003		7.93	7.98	0.05	4985.29
	3/17/2003		7.87	7.90	0.03	4985.35
	5/13/2003		7.60	7.61	0.01	4985.63
	8/11/2003			6.40	0.00	4986.83
	11/10/2003			7.03	0.00	4986.20
	12/18/2003			6.35	0.00	4986.88
1/22/2004			6.22	0.00	4987.01	
2/16/2004			6.22	0.00	4987.01	
5/25/2004			5.78	0.00	4987.45	
8/25/2004			5.32	0.00	4987.91	
11/10/2004			5.41	0.00	4987.82	
2/14/2005			5.87	0.00	4987.36	
5/18/2005			5.51	0.00	4987.72	
8/24/2005			4.99	0.00	4988.24	
11/17/2005			5.21	0.00	4988.02	
2/14/2006			5.72	0.00	4987.51	
5/24/2006			5.94	0.00	4987.29	

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW5	8/18/2000	4989.42		2.90	0.00	4986.52
	8/22/2000			3.04	0.00	4986.38
	8/24/2000			3.20	0.00	4986.22
	9/8/2000			3.63	0.00	4985.79
	10/18/2000			4.36	0.00	4985.06
	11/14/2000			4.62	0.00	4984.80
	2/16/2001			5.55	0.00	4983.87
	4/17/2001			5.14	0.00	4984.28
	4/24/2001			3.23	0.00	4986.19
	5/15/2001			2.00	0.00	4987.42
	5/30/2001			3.38	0.00	4986.04
	6/13/2001			2.81	0.00	4986.61
	6/22/2001			2.43	0.00	4986.99
	7/6/2001			2.75	0.00	4986.67
	7/11/2001			2.68	0.00	4986.74
	7/30/2001			2.87	0.00	4986.55
	8/15/2001			3.17	0.00	4986.25
	10/9/2001			3.54	0.00	4985.88
	2/5/2002			5.63	0.00	4983.79
	5/8/2002			6.08	0.00	4983.34
	8/20/2002			6.62	0.00	4982.80
	11/18/2002		7.42	8.62	1.20	4981.70
	1/16/2003		7.78	8.49	0.71	4981.46
	1/21/2003		7.70	8.74	1.04	4981.46
	1/28/2003		7.75	8.70	0.95	4981.43
	1/31/2003		7.75	8.69	0.94	4981.44
	2/4/2003		7.79	8.68	0.89	4981.41
	2/7/2003		7.80	8.72	0.92	4981.39
	2/18/2003	4990.00	7.86	8.67	0.81	4981.94
	2/20/2003		7.90	8.57	0.67	4981.93
	2/25/2003		7.89	8.69	0.80	4981.91
	2/27/2003		7.98	8.47	0.49	4981.90
	3/3/2003		7.93	8.64	0.71	4981.89
	3/5/2003		8.05	8.50	0.45	4981.84
	3/10/2003		7.98	8.70	0.72	4981.84
	3/13/2003		8.02	8.63	0.61	4981.83
	3/17/2003		8.09	8.32	0.23	4981.85
	3/24/2003		4.20	4.24	0.04	4985.79
	4/10/2003			3.65	0.00	4986.35
	4/30/2003			2.32	0.00	4987.68
	5/13/2003			1.24	0.00	4988.76
	5/20/2003			1.00	0.00	4989.00
	7/16/2003			2.94	0.00	4987.06
	8/11/2003			3.24	0.00	4986.76
	11/10/2003		4.36	4.37	0.01	4985.64
	12/18/2003			4.94	0.00	4985.06
	1/22/2004			5.22	0.00	4984.78
	2/16/2004			5.47	0.00	4984.53
	5/25/2004			5.36	0.00	4984.64
	8/25/2004			4.15	0.00	4985.85
	11/10/2004			4.96	0.00	4985.04
	2/14/2005		5.79	5.81	0.02	4984.21
	5/31/2005			2.94	0.00	4987.06
	8/26/2005	4991.16		3.87	0.00	4987.29
	11/15/2005			3.93	0.00	4987.23
	2/13/2006			5.24	0.00	4985.92
	5/24/2006			5.33	0.00	4985.83

Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW6	8/18/2000	4990.21		3.65	0.00	4986.56
	8/22/2000			3.62	0.00	4986.59
	8/24/2000			3.61	0.00	4986.60
	9/8/2000	4990.14		3.59	0.00	4986.55
	10/18/2000			3.82	0.00	4986.32
	11/14/2000			3.90	0.00	4986.24
	2/16/2001			4.61	0.00	4985.53
	4/17/2001			4.60	0.00	4985.54
	4/24/2001			4.20	0.00	4985.94
	5/15/2001			2.18	0.00	4987.96
	5/30/2001			2.54	0.00	4987.60
	6/13/2001			2.52	0.00	4987.62
	6/22/2001			2.48	0.00	4987.66
	7/6/2001			2.61	0.00	4987.53
	7/20/2001			2.64	0.00	4987.50
	7/30/2001			2.79	0.00	4987.35
	8/15/2001			3.05	0.00	4987.09
	10/9/2001			3.13	0.00	4987.01
	2/5/2002			4.54	0.00	4985.60
	5/8/2002			4.92	0.00	4985.22
	8/20/2002			5.38	0.00	4984.76
	11/18/2002			6.10	0.00	4984.04
	2/18/2003	4990.63		6.60	0.00	4984.03
	5/13/2003			2.59	0.00	4988.04
	8/11/2003			5.67	0.00	4984.96
	11/10/2003			4.17	0.00	4986.46
	2/16/2004			5.01	0.00	4985.62
	5/25/2004			4.95	0.00	4985.68
	8/25/2004			4.10	0.00	4986.53
	11/10/2004			4.42	0.00	4986.21
	2/14/2005			4.96	0.00	4985.67
5/18/2005			3.78	0.00	4986.85	
8/24/2005	4992.77		4.35	0.00	4988.42	
11/15/2005			4.24	0.00	4988.53	
2/13/2006			5.11	0.00	4987.66	
5/23/2006			5.61	0.00	4987.16	

Attachment 1 - Table 1
Historical Fluid Level Measurements
 Duke Energy, Spindle Plant
 Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-msl)	PT (ft)	Corrected Water Elevation (ft-msl)
MW7	8/22/2000	4993.39		21.31	0.00	4972.08
	8/24/2000			15.28	0.00	4978.11
	9/9/2000			6.59	0.00	4986.80
	10/18/2000			6.61	0.00	4986.78
	11/14/2000			6.59	0.00	4986.80
	2/16/2001			7.15	0.00	4986.24
	4/17/2001			7.18	0.00	4986.21
	4/24/2001			7.21	0.00	4986.18
	5/15/2001			5.92	0.00	4987.47
	5/30/2001			5.73	0.00	4987.66
	6/13/2001			5.71	0.00	4987.68
	6/22/2001			5.70	0.00	4987.69
	7/6/2001			5.81	0.00	4987.58
	7/20/2001			5.80	0.00	4987.59
	7/30/2001			5.95	0.00	4987.44
	8/15/2001			5.95	0.00	4987.44
	10/9/2001			6.06	0.00	4987.33
	2/5/2002			6.84	0.00	4986.55
	5/8/2002			7.10	0.00	4986.29
	8/21/2002			7.29	0.00	4986.10
	11/18/2002			7.74	0.00	4985.65
	2/18/2003	4993.98		8.23	0.00	4985.75
	5/13/2003			5.70	0.00	4988.28
	8/11/2003			5.60	0.00	4988.38
	11/10/2003			6.12	0.00	4987.86
	2/16/2004			6.74	0.00	4987.24
	5/25/2004			6.46	0.00	4987.52
	8/25/2004			6.12	0.00	4987.86
	11/10/2004			6.07	0.00	4987.91
	2/14/2005			6.62	0.00	4987.36
	5/18/2005			6.25	0.00	4987.73
	8/24/2005			5.38	0.00	4988.60
	11/15/2005			5.25	0.00	4988.73
2/13/2006			6.01	0.00	4987.97	
5/23/2006			6.40	0.00	4987.58	

Attachment 1 - Table 1
Historical Fluid Level Measurements
 Duke Energy, Spindle Plant
 Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW8	2/15/2001	4990.03		6.56	0.00	4983.47
	2/16/2001			6.64	0.00	4983.39
	4/5/2001			6.67	0.00	4983.36
	4/17/2001			6.20	0.00	4983.83
	4/24/2001			5.69	0.00	4984.34
	5/15/2001			3.62	0.00	4986.41
	5/30/2001			4.28	0.00	4985.75
	6/13/2001			3.97	0.00	4986.06
	6/22/2001			3.13	0.00	4986.90
	7/6/2001			3.15	0.00	4986.88
	7/11/2001			3.16	0.00	4986.87
	7/30/2001			4.14	0.00	4985.89
	8/15/2001			3.73	0.00	4986.30
	10/9/2001			4.06	0.00	4985.97
	2/5/2002			6.62	0.00	4983.41
	5/8/2002			6.89	0.00	4983.14
	8/20/2002			6.80	0.00	4983.23
	11/18/2002			8.22	0.00	4981.81
	1/21/2003			8.73	0.00	4981.30
	1/28/2003			8.76	0.00	4981.27
	1/31/2003			8.76	0.00	4981.27
	2/18/2003	4990.03		8.85	0.00	4981.18
	3/5/2003			8.94	0.00	4981.09
	3/10/2003			8.94	0.00	4981.09
	3/13/2003			8.94	0.00	4981.09
	3/17/2003			8.97	0.00	4981.06
	3/24/2003			7.74	0.00	4982.29
	4/10/2003			6.70	0.00	4983.33
	4/30/2003			5.93	0.00	4984.10
	5/13/2003			4.72	0.00	4985.31
	5/20/2003			4.59	0.00	4985.44
	7/16/2003			2.45	0.00	4987.58
	8/11/2003			2.68	0.00	4987.35
	11/10/2003			5.17	0.00	4984.86
	12/18/2003			5.93	0.00	4984.10
	1/22/2004			6.19	0.00	4983.84
	2/16/2004			6.49	0.00	4983.54
	5/25/2004			5.79	0.00	4984.24
	8/25/2004			5.29	0.00	4984.74
	11/10/2004			5.86	0.00	4984.17
2/14/2005			6.62	0.00	4983.41	
5/18/2005			5.17	0.00	4984.86	
8/26/2005			2.99	0.00	4987.04	
11/15/2005			4.55	0.00	4985.48	
2/13/2006			5.67	0.00	4984.36	
5/23/2006			5.27	0.00	4984.76	

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Historical Fluid Level Measurements
Duke Energy, Spindle Plant
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Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW9	2/15/2001	4990.06		10.15	0.00	4979.91
	2/16/2001			11.77	0.00	4978.29
	4/17/2001			5.51	0.00	4984.55
	4/24/2001			6.23	0.00	4983.83
	5/15/2001			3.70	0.00	4986.36
	5/30/2001			3.78	0.00	4986.28
	6/13/2001			3.82	0.00	4986.24
	6/22/2001			2.89	0.00	4987.17
	7/6/2001			2.38	0.00	4987.68
	7/11/2001			2.53	0.00	4987.53
	7/30/2001			3.93	0.00	4986.13
	8/15/2001			2.96	0.00	4987.10
	10/9/2001			3.57	0.00	4986.49
	2/5/2002			5.98	0.00	4984.08
	5/8/2002			6.11	0.00	4983.95
	8/20/2002			5.81	0.00	4984.25
	11/18/2002			7.08	0.00	4982.98
	2/18/2003	4990.06		7.72	0.00	4982.34
	3/5/2003			7.85	0.00	4982.21
	3/10/2003			7.83	0.00	4982.23
	3/17/2003			7.82	0.00	4982.24
	4/30/2003			4.83	0.00	4985.23
	5/13/2003			3.53	0.00	4986.53
	7/16/2003			1.27	0.00	4988.79
	8/11/2003			2.50	0.00	4987.56
	11/10/2003			4.59	0.00	4985.47
	2/16/2004			5.80	0.00	4984.26
	5/25/2004			4.75	0.00	4985.31
	8/25/2004			4.32	0.00	4985.74
	11/10/2004			5.00	0.00	4985.06
	2/14/2005			5.76	0.00	4984.30
	5/18/2005			4.45	0.00	4985.61
	8/26/2005			1.40	0.00	4988.66
	11/15/2005			4.31	0.00	4985.75
	2/13/2006			5.23	0.00	4984.83
	5/23/2006			4.70	0.00	4985.36
MW10	4/17/2001	4991.85		5.22	0.00	4986.63
	4/24/2001			4.88	0.00	4986.97
	5/15/2001			3.54	0.00	4988.31
	5/30/2001			3.90	0.00	4987.95
	6/13/2001			4.25	0.00	4987.60
	6/22/2001			3.42	0.00	4988.43
	7/6/2001			3.80	0.00	4988.05
	7/11/2001			3.76	0.00	4988.09
	7/30/2001			3.58	0.00	4988.27
	8/15/2001			3.85	0.00	4988.00
	10/9/2001			4.02	0.00	4987.83
	2/5/2002			5.96	0.00	4985.89
	5/8/2002			6.14	0.00	4985.71
	8/20/2002			5.93	0.00	4985.92
	11/18/2002			6.56	0.00	4985.29
	2/18/2003	4991.85		7.16	0.00	4984.69
	5/13/2003			3.79	0.00	4988.06
	8/11/2003			3.99	0.00	4987.86
	11/10/2003			4.80	0.00	4987.05
	2/16/2004			5.90	0.00	4985.95
	5/25/2004			4.81	0.00	4987.04
	8/25/2004			4.12	0.00	4987.73
	11/10/2004			4.55	0.00	4987.30
	2/14/2005			5.40	0.00	4986.45
	5/18/2005			4.65	0.00	4987.20
	8/26/2005			4.50	0.00	4987.35
	11/15/2005			4.65	0.00	4987.20
	2/13/2006			5.73	0.00	4986.12
	5/23/2006			5.48	0.00	4986.37

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW11	4/17/2001	4992.51		10.25	0.00	4982.26
	4/24/2001			9.00	0.00	4983.51
	5/15/2001			3.02	0.00	4989.49
	5/30/2001			3.24	0.00	4989.27
	6/13/2001			4.05	0.00	4988.46
	6/22/2001			3.83	0.00	4988.68
	7/6/2001			3.59	0.00	4988.92
	7/11/2001			3.54	0.00	4988.97
	7/30/2001			3.60	0.00	4988.91
	8/15/2001			3.66	0.00	4988.85
	10/9/2001			3.93	0.00	4988.58
	2/5/2002			6.05	0.00	4986.46
	5/8/2002			6.11	0.00	4986.40
	8/20/2002			5.41	0.00	4987.10
	11/18/2002			6.34	0.00	4986.17
	2/18/2003	4992.51		7.07	0.00	4985.44
	5/13/2003			2.40	0.00	4990.11
	8/11/2003			3.58	0.00	4988.93
	11/10/2003			4.48	0.00	4988.03
	2/16/2004			5.76	0.00	4986.75
	5/25/2004			4.44	0.00	4988.07
	8/25/2004			3.37	0.00	4989.14
	11/10/2004			4.21	0.00	4988.30
	2/14/2005			5.65	0.00	4986.86
	5/18/2005			nm		
	8/23/2005			4.28	0.00	4988.23
	11/15/2005			nm		
	2/15/2006			5.95	0.00	4986.56
	5/25/2006			5.89		4986.62
MW12	2/15/2001	4993.60		dry	0.00	
	2/16/2001			dry	0.00	
	4/17/2001			11.61	0.00	4981.99
	4/24/2001			13.44	0.00	4980.16
	5/15/2001			11.46	0.00	4982.14
	5/30/2001			9.75	0.00	4983.85
	6/13/2001			8.56	0.00	4985.04
	6/22/2001			7.61	0.00	4985.99
	7/6/2001			6.51	0.00	4987.09
	7/11/2001			6.20	0.00	4987.40
	7/30/2001			7.43	0.00	4986.17
	8/15/2001			6.32	0.00	4987.28
	10/9/2001			4.80	0.00	4988.80
	2/5/2002			6.44	0.00	4987.16
	5/8/2002			7.69	0.00	4985.91
	8/20/2002			6.07	0.00	4987.53
	11/18/2002			6.92	0.00	4986.68
	2/18/2003	4993.60		9.35	0.00	4984.25
	5/13/2003			10.09	0.00	4983.51
	8/11/2003			6.24	0.00	4987.36
	11/11/2003			6.19	0.00	4987.41
	2/16/2004			8.00	0.00	4985.60
	5/25/2004			7.48	0.00	4986.12
	8/25/2004			4.63	0.00	4988.97
	11/10/2004			5.10	0.00	4988.50
	2/14/2005			5.83	0.00	4987.77
	5/18/2005			nm		
	8/23/2005			4.53	0.00	4989.07
	11/15/2005			nm		
	2/14/2006			6.01	0.00	4987.59
	5/25/2006			5.94	0.00	4987.66

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW13	2/15/2001	4992.73		dry	0.00	
	2/16/2001			dry	0.00	
	4/17/2001			8.06	0.00	4984.67
	4/24/2001			11.85	0.00	4980.88
	5/15/2001			7.88	0.00	4984.85
	5/30/2001			6.16	0.00	4986.57
	6/13/2001			5.41	0.00	4987.32
	6/22/2001			5.15	0.00	4987.58
	7/6/2001			4.88	0.00	4987.85
	7/11/2001			4.84	0.00	4987.89
	7/30/2001			6.45	0.00	4986.28
	8/15/2001			5.54	0.00	4987.19
	10/9/2001			5.08	0.00	4987.65
	2/5/2002			6.80	0.00	4985.93
	5/8/2002			6.81	0.00	4985.92
	8/20/2002			6.08	0.00	4986.65
	11/18/2002			7.05	0.00	4985.68
	2/18/2003	4993.73		7.76	0.00	4985.97
	5/13/2003			5.18	0.00	4988.55
	8/11/2003			5.00	0.00	4988.73
	11/10/2003			5.85	0.00	4987.88
	2/16/2004			7.25	0.00	4986.48
	5/25/2004			6.30	0.00	4987.43
	8/25/2004			5.05	0.00	4988.68
	11/10/2004			5.38	0.00	4988.35
	2/14/2005			6.39	0.00	4987.34
	5/18/2005			nm		
	8/23/2005			5.11	0.00	4988.62
	11/15/2005			nm		
	2/14/2006			6.67	0.00	4987.06
	5/25/2006			6.87	0.00	4986.86
MW14	2/15/2001	4992.02		6.19	0.00	4985.83
	2/16/2001			6.26	0.00	4985.76
	4/17/2001			5.69	0.00	4986.33
	4/24/2001			5.52	0.00	4986.50
	5/15/2001			5.04	0.00	4986.98
	5/30/2001			5.10	0.00	4986.92
	6/13/2001			4.98	0.00	4987.04
	6/22/2001			4.94	0.00	4987.08
	7/6/2001			4.98	0.00	4987.04
	7/11/2001			5.01	0.00	4987.01
	7/30/2001			4.93	0.00	4987.09
	8/15/2001			4.89	0.00	4987.13
	2/5/2002			6.39	0.00	4985.63
	5/8/2002			6.38	0.00	4985.64
	8/20/2002			5.86	0.00	4986.16
	11/18/2002			6.49	0.00	4985.53
	2/18/2003	4992.02		6.83	0.00	4985.19
	5/13/2003			5.52	0.00	4986.50
	8/11/2003			5.32	0.00	4986.70
	11/10/2003			5.95	0.00	4986.07
	2/16/2004			6.65	0.00	4985.37
	5/25/2004			6.06	0.00	4985.96
	8/25/2004			5.42	0.00	4986.60
	11/10/2004			5.75	0.00	4986.27
	2/14/2005			6.20	0.00	4985.82
	5/18/2005			5.75	0.00	4986.27
	8/24/2005			5.43	0.00	4986.59
	11/15/2005			5.82	0.00	4986.20
	2/14/2006			6.32	0.00	4985.70
	5/24/2006			6.42	0.00	4985.60

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW15	2/15/2001	4992.28		6.64	0.00	4985.64
	2/16/2001			6.65	0.00	4985.63
	4/5/2001			7.63	0.00	4984.65
	4/17/2001			6.49	0.00	4985.79
	4/24/2001			6.39	0.00	4985.89
	5/15/2001			6.00	0.00	4986.28
	5/30/2001			5.97	0.00	4986.31
	6/13/2001			5.92	0.00	4986.36
	6/22/2001			5.91	0.00	4986.37
	7/6/2001			5.87	0.00	4986.41
	7/11/2001			5.89	0.00	4986.39
	7/30/2001			5.85	0.00	4986.43
	8/15/2001			5.85	0.00	4986.43
	10/9/2001			6.07	0.00	4986.21
	2/5/2002			6.85	0.00	4985.43
	5/8/2002			6.90	0.00	4985.38
	8/20/2002			6.64	0.00	4985.64
	11/18/2002			7.02	0.00	4985.26
	2/18/2003	4992.28		7.28	0.00	4985.00
	5/13/2003			6.33	0.00	4985.95
	8/11/2003			6.09	0.00	4986.19
	11/10/2003			6.47	0.00	4985.81
	2/16/2004			6.93	0.00	4985.35
	5/25/2004			6.65	0.00	4985.63
	8/25/2004			6.23	0.00	4986.05
	11/10/2004			6.36	0.00	4985.92
	2/14/2005			6.75	0.00	4985.53
	5/18/2005			6.50	0.00	4985.78
	8/24/2005			6.14	0.00	4986.14
	11/15/2005			6.37	0.00	4985.91
	2/14/2006			6.83	0.00	4985.45
	5/24/2006			6.95	0.00	4985.33
MW16	2/15/2001	4991.90	6.11	6.12	0.01	4985.79
	2/16/2001			6.13	0.00	4985.77
	4/5/2001			6.17	0.00	4985.73
	4/17/2001			6.17	0.00	4985.73
	4/24/2001		6.15	6.16	0.01	4985.75
	5/15/2001			5.99	0.00	4985.91
	5/30/2001			5.91	0.00	4985.99
	6/13/2001			5.82	0.00	4986.08
	6/22/2001			5.79	0.00	4986.11
	7/6/2001			5.73	0.00	4986.17
	7/11/2001			5.72	0.00	4986.18
	7/30/2001			5.69	0.00	4986.21
	8/15/2001			5.65	0.00	4986.25
	10/9/2001			5.73	0.00	4986.17
	2/5/2002			6.20	0.00	4985.70
	5/8/2002		6.89	7.21	0.32	4984.93
	8/20/2002			6.10	0.00	4985.80
	9/5/2002			6.17	0.00	4985.73
	9/26/2002			6.25	0.00	4985.65
	10/10/2002			6.28	0.00	4985.62
	11/18/2002			6.43	0.00	4985.47
	2/18/2003	4991.90	6.59	6.98	0.39	4985.21
	5/13/2003		6.21	6.24	0.03	4985.68
	8/11/2003			5.68	0.00	4986.22
	11/10/2003		5.87	5.88	0.01	4986.03
	2/16/2004			6.39	0.00	4985.51
	5/25/2004			6.33	0.00	4985.57
	8/25/2004			6.02	0.00	4985.88
	11/10/2004			6.13	0.00	4985.77
	2/14/2005			6.45	0.00	4985.45
	5/18/2005			nm		
	8/23/2005			5.90	0.00	4986.00
	11/15/2005			nm		
	2/14/2006			6.50	0.00	4985.40
	5/23/2006			6.67	0.00	4985.23

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW17	2/15/2001	4995.40	7.72	7.73	0.01	4987.68
	2/16/2001			7.72	0.00	4987.68
	4/5/2001			8.63	0.00	4986.77
	4/17/2001			8.78	0.00	4986.62
	4/24/2001		7.73	7.74	0.01	4987.67
	5/15/2001			7.42	0.00	4987.98
	5/30/2001			7.19	0.00	4988.21
	6/13/2001			7.01	0.00	4988.39
	6/22/2001			6.97	0.00	4988.43
	7/6/2001			6.88	0.00	4988.52
	7/11/2001			6.85	0.00	4988.55
	7/30/2001			6.81	0.00	4988.59
	8/15/2001		6.81	6.82	0.01	4988.59
	10/9/2001			7.01	0.00	4988.39
	2/5/2002			5.26	0.00	4990.14
	5/8/2002			7.28	0.00	4988.12
	8/20/2002			6.21	0.00	4989.19
	11/18/2002			6.83	0.00	4988.57
	2/18/2003	4995.40		7.77	0.00	4987.63
	5/13/2003			5.93	0.00	4989.47
	8/11/2003			6.11	0.00	4989.29
	11/10/2003			6.06	0.00	4989.34
	12/18/2003			6.73	0.00	4988.67
	1/22/2004			7.02	0.00	4988.38
	2/16/2004			7.23	0.00	4988.17
	5/25/2004			7.11	0.00	4988.29
	8/25/2004			6.85	0.00	4988.55
	11/10/2004			7.07	0.00	4988.33
	2/14/2005			7.40	0.00	4988.00
	5/18/2005			7.07	0.00	4988.33
	8/23/2005			6.78	0.00	4988.62
	11/16/2005			6.97	0.00	4988.43
	2/14/2006			7.39	0.00	4988.01
	5/24/2006			7.55	0.00	4987.85
MW18	4/17/2001	4995.93		8.99	0.00	4986.94
	4/24/2001			8.91	0.00	4987.02
	5/15/2001			8.43	0.00	4987.50
	5/30/2001			8.25	0.00	4987.68
	6/13/2001			8.12	0.00	4987.81
	6/22/2001			8.10	0.00	4987.83
	7/6/2001			8.05	0.00	4987.88
	7/11/2001			8.05	0.00	4987.88
	7/30/2001			8.03	0.00	4987.90
	8/15/2001			8.13	0.00	4987.80
	10/9/2001	4997.05		8.24	0.00	4988.81
	2/5/2002			8.22	0.00	4988.83
	5/8/2002			8.54	0.00	4988.51
	8/20/2002			8.49	0.00	4988.56
	11/18/2002			8.97	0.00	4988.08
	2/18/2003	4997.05		9.19	0.00	4987.86
	5/13/2003			8.19	0.00	4988.86
	8/11/2003			7.70	0.00	4989.35
	11/10/2003			8.04	0.00	4989.01
	2/16/2004			8.67	0.00	4988.38
	5/25/2004			8.61	0.00	4988.44
	8/25/2004			8.26	0.00	4988.79
	11/10/2004			8.43	0.00	4988.62
	2/14/2005			8.70	0.00	4988.35
	5/18/2005			8.37	0.00	4988.68
	8/24/2005			8.12	0.00	4988.93
	11/15/2005			8.40	0.00	4988.65
	2/13/2006			8.80	0.00	4988.25
	5/23/2006			8.93	0.00	4988.12

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW19	4/17/2001	4994.64		7.70	0.00	4986.94
	4/24/2001		7.68	7.69	0.01	4986.96
	5/15/2001			7.43	0.00	4987.21
	5/30/2001			7.30	0.00	4987.34
	6/13/2001			7.19	0.00	4987.45
	6/22/2001			7.14	0.00	4987.50
	7/6/2001			7.05	0.00	4987.59
	7/11/2001			3.50	0.00	4991.14
	7/30/2001			7.00	0.00	4987.64
	8/15/2001			7.00	0.00	4987.64
	10/9/2001	4994.74		7.10	0.00	4987.64
	2/5/2002			7.50	0.00	4987.24
	5/8/2002			7.51	0.00	4987.23
	8/20/2002			7.42	0.00	4987.32
	11/18/2002			7.81	0.00	4986.93
	2/18/2003	4994.74		8.04	0.00	4986.70
	5/13/2003			7.42	0.00	4987.32
	8/11/2003			6.77	0.00	4987.97
	11/10/2003			7.10	0.00	4987.64
	2/16/2004			7.64	0.00	4987.10
	5/25/2004			7.61	0.00	4987.13
	8/25/2004			7.26	0.00	4987.48
	11/10/2004			7.38	0.00	4987.36
	2/14/2005			7.70	0.00	4987.04
	5/18/2005			nm		
	8/23/2005			7.08	0.00	4987.66
	11/15/2005			nm		
	2/14/2006			7.80	0.00	4986.94
	5/25/2006			7.92	0.00	4986.82
MW20	4/17/2001	4991.42		6.98	0.00	4984.44
	4/24/2001	4991.42	6.94	7.04	0.10	4984.46
	5/15/2001		6.82	6.86	0.04	4984.59
	5/30/2001			6.70	0.00	4984.72
	6/13/2001		6.60	6.68	0.08	4984.80
	6/22/2001		6.56	6.64	0.08	4984.84
	7/6/2001		6.48	6.54	0.06	4984.93
	7/11/2001			6.45	0.00	4984.97
	7/30/2001			6.38	0.00	4985.04
	8/15/2001			8.13	0.00	4983.29
	9/28/2001	4991.51		6.25	0.00	4985.26
	10/9/2001			6.25	0.00	4985.26
	2/5/2002		6.93	7.10	0.17	4984.54
	8/20/2002		6.81	6.91	0.10	4984.68
	9/5/2002		6.87	6.90	0.03	4984.63
	9/26/2002		6.94	6.95	0.01	4984.57
	10/10/2002		6.95	7.15	0.20	4984.51
	11/18/2002		7.12	7.38	0.26	4984.33
	2/18/2003	4991.51	7.44	7.45	0.01	4984.07
	5/13/2003		7.00	7.12	0.12	4984.48
	8/11/2003			6.43	0.00	4985.08
	11/10/2003			6.67	0.00	4984.84
	2/16/2004			7.26	0.00	4984.25
	5/25/2004			7.20	0.00	4984.31
	8/25/2004			6.82	0.00	4984.69
	11/10/2004			6.95	0.00	4984.56
	2/14/2005			7.28	0.00	4984.23
	5/18/2005			nm		
	8/23/2005			7.08	0.00	4984.43
	11/15/2005			nm		
	2/14/2006			7.36	0.00	4984.15
	5/23/2006			7.44	0.00	4984.07

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW21	9/6/2001	4990.59	6.23	6.60	0.37	4984.27
	9/7/2001		6.27	6.62	0.35	4984.23
	9/28/2001		6.43	6.44	0.01	4984.16
	10/9/2001		6.39	6.58	0.19	4984.15
	2/5/2002		6.83	7.30	0.47	4983.64
	5/8/2002		6.89	7.21	0.32	4983.62
	8/20/2002		6.80	6.81	0.01	4983.79
	9/5/2002		6.85	7.14	0.29	4983.67
	9/26/2002		6.92	7.25	0.33	4983.59
	10/10/2002		6.95	7.25	0.30	4983.57
	11/18/2002		7.07	7.42	0.35	4983.43
	1/16/2003		7.15	7.75	0.60	4983.29
	1/21/2003		7.18	7.73	0.55	4983.27
	1/31/2003		7.21	7.88	0.67	4983.21
	2/4/2003		7.28	7.79	0.51	4983.18
	2/7/2003		7.29	7.63	0.34	4983.22
	2/11/2003		7.31	7.65	0.34	4983.20
	2/18/2003	4990.59	7.24	7.78	0.54	4983.22
	3/5/2003		7.26	7.85	0.59	4983.18
	3/10/2003		7.27	7.72	0.45	4983.21
	3/17/2003		7.26	7.75	0.49	4983.21
	4/30/2003		6.76	6.86	0.10	4983.81
	5/13/2003		6.72	6.81	0.09	4983.85
	5/28/2003			6.64	0.00	4983.95
	8/11/2003			6.38	0.00	4984.21
	8/20/2003			6.38	0.00	4984.21
	11/10/2003		6.56	6.57	0.01	4984.03
	12/18/2003			6.50	0.00	4984.09
	1/22/2004			6.90	0.00	4983.69
	2/16/2004		6.91	6.99	0.08	4983.66
	5/25/2004			6.91	0.00	4983.68
	8/25/2004			6.66	0.00	4983.93
	11/10/2004			6.75	0.00	4983.84
	2/14/2005			7.01	0.00	4983.58
	5/18/2005			6.90	0.00	4983.69
	8/23/2005			6.55	0.00	4984.04
	11/15/2005			6.80	0.00	4983.79
	2/15/2006			7.00	0.00	4983.59
	5/23/2006			7.11	0.00	4983.48
MW-22	9/6/2001	4987.38		6.22	0.00	4981.16
	9/7/2001			6.23	0.00	4981.15
	10/9/2001			6.45	0.00	4980.93
	2/5/2002			7.07	0.00	4980.31
	5/8/2002			7.05	0.00	4980.33
	8/20/2002			6.96	0.00	4980.42
	9/5/2002			7.01	0.00	4980.37
	9/26/2002			7.08	0.00	4980.30
	10/10/2002			7.12	0.00	4980.26
	11/18/2002			7.30	0.00	4980.08
	2/18/2003	4987.38		7.70	0.00	4979.68
	4/30/2003		5.94	5.95	0.01	4981.44
	5/13/2003			5.80	0.00	4981.58
	5/28/2003			5.79	0.00	4981.59
	8/11/2003			5.78	0.00	4981.60
	11/10/2003			6.46	0.00	4980.92
	12/18/2003			6.79	0.00	4980.59
	1/23/2004			7.02	0.00	4980.36
	2/16/2004			7.19	0.00	4980.19
	5/25/2004			6.96	0.00	4980.42
	8/25/2004			6.61	0.00	4980.77
	11/10/2004			6.72	0.00	4980.66
	2/14/2005			7.23	0.00	4980.15
	5/18/2005			6.70	0.00	4980.68
	8/24/2005			6.20	0.00	4981.18
	11/15/2005			6.50	0.00	4980.88
	2/15/2006			7.10	0.00	4980.28
	5/23/2006			7.38	0.00	4980.00

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW-23	9/6/2001	4988.71		4.77	0.00	4983.94
	9/7/2001			4.90	0.00	4983.81
	10/9/2001			5.58	0.00	4983.13
	2/5/2002			5.39	0.00	4983.32
	5/8/2002			5.75	0.00	4982.96
	8/20/2002			6.31	0.00	4982.40
	9/5/2002			6.40	0.00	4982.31
	9/26/2002			6.50	0.00	4982.21
	10/10/2002			6.58	0.00	4982.13
	11/18/2002			6.78	0.00	4981.93
	2/18/2003	4988.71		7.08	0.00	4981.63
	5/13/2003			3.86	0.00	4984.85
	8/11/2003			5.19	0.00	4983.52
	11/10/2003			6.46	0.00	4982.25
	2/16/2004			7.11	0.00	4981.60
	5/25/2004			6.09	0.00	4982.62
	8/25/2004			5.12	0.00	4983.59
	11/10/2004			5.33	0.00	4983.38
	2/14/2005			6.00	0.00	4982.71
	5/18/2005			nm		
	8/23/2005			5.22	0.00	4983.49
	11/15/2005			nm		
	2/14/2006			6.50	0.00	4982.21
	5/23/2006			6.90	0.00	4981.81
MW-24	9/6/2001	4990.16		4.44	0.00	4985.72
	9/7/2001			4.45	0.00	4985.71
	10/9/2001			4.70	0.00	4985.46
	2/5/2002			5.50	0.00	4984.66
	5/8/2002			5.34	0.00	4984.82
	8/20/2002			5.43	0.00	4984.73
	9/5/2002			5.51	0.00	4984.65
	9/26/2002			5.61	0.00	4984.55
	10/10/2002			5.65	0.00	4984.51
	11/18/2002			5.85	0.00	4984.31
	2/18/2003	4990.16		6.14	0.00	4984.02
	5/13/2003			4.68	0.00	4985.48
	8/11/2003			4.30	0.00	4985.86
	11/10/2003			5.15	0.00	4985.01
	2/16/2004			5.80	0.00	4984.36
	5/25/2004			5.34	0.00	4984.82
	8/25/2004			4.82	0.00	4985.34
	11/10/2004			5.01	0.00	4985.15
	2/14/2005			5.50	0.00	4984.66
	5/18/2005			5.09	0.00	4985.07
	8/23/2005			4.79	0.00	4985.37
	11/16/2005			5.23	0.00	4984.93
	2/14/2006			5.72	0.00	4984.44
	5/23/2006			5.79	0.00	4984.37
MW-25	9/6/2001	4993.23		4.31	0.00	4988.92
	9/7/2001			4.33	0.00	4988.90
	10/9/2001			4.46	0.00	4988.77
	2/5/2002			5.38	0.00	4987.85
	5/8/2002			5.27	0.00	4987.96
	8/20/2002			5.23	0.00	4988.00
	11/18/2002			5.69	0.00	4987.54
	2/18/2003	4993.23	6.07	6.38	0.31	4987.08
	4/30/2003			4.00	0.00	4989.23
	5/13/2003			3.78	0.00	4989.45
	8/11/2003			4.14	0.00	4989.09
	11/10/2003			4.84	0.00	4988.39
	2/16/2004			5.48	0.00	4987.75
	5/25/2004			4.78	0.00	4988.45
	8/25/2004			4.33	0.00	4988.90
	11/10/2004			4.70	0.00	4988.53
	2/14/2005			5.23	0.00	4988.00
	5/18/2005			4.62	0.00	4988.61
	8/24/2005			4.57	0.00	4988.66
	11/14/2005			4.87	0.00	4988.36
	2/13/2006			5.70	0.00	4987.53
	5/23/2006			5.65	0.00	4987.38

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW-26	9/6/2001	4995.40		14.53	0.00	4980.87
	9/7/2001			14.18	0.00	4981.22
	10/9/2001			11.60	0.00	4983.80
	2/5/2002			6.84	0.00	4988.56
	5/8/2002			7.30	0.00	4988.10
	8/20/2002			6.94	0.00	4988.46
	11/18/2002			7.91	0.00	4987.49
	2/18/2003	4995.40		8.71	0.00	4986.69
	5/13/2003			6.81	0.00	4988.59
	8/11/2003			5.42	0.00	4989.98
	11/10/2003			5.95	0.00	4989.45
	2/16/2004			6.62	0.00	4988.78
	5/25/2004			6.38	0.00	4989.02
	8/25/2004			5.90	0.00	4989.50
	11/10/2004			6.11	0.00	4989.29
	2/14/2005			6.53	0.00	4988.87
	5/18/2005			6.15	0.00	4989.25
	8/24/2005			5.97	0.00	4989.43
	11/15/2005			6.37	0.00	4989.03
	2/15/2006			7.38	0.00	4988.02
	5/24/2006			7.15	0.00	4988.25
MW-27	9/6/2001	4994.99		5.64	0.00	4989.35
	9/7/2001			6.30	0.00	4988.69
	10/9/2001			5.62	0.00	4989.37
	2/5/2002			6.17	0.00	4988.82
	5/8/2002			6.13	0.00	4988.86
	8/20/2002			6.24	0.00	4988.75
	11/18/2002			6.53	0.00	4988.46
	2/18/2003	4994.99		6.75	0.00	4988.24
	5/13/2003			4.80	0.00	4990.19
	8/11/2003			5.45	0.00	4989.54
	11/10/2003			5.80	0.00	4989.19
	2/16/2004			6.23	0.00	4988.76
	5/25/2004			5.82	0.00	4989.17
	8/25/2004			5.53	0.00	4989.46
	11/10/2004			5.81	0.00	4989.18
	2/14/2005			6.11	0.00	4988.88
	5/18/2005			nm		
	8/23/2005			5.63	0.00	4989.36
	11/15/2005			nm		
	2/13/2006			6.28	0.00	4988.71
	5/24/2006			6.42	0.00	4988.57
MW-28	10/5/2001	4987.92		6.94	0.00	4980.98
	10/9/2001			6.96	0.00	4980.96
	2/5/2002			7.55	0.00	4980.37
	5/8/2002			7.50	0.00	4980.42
	8/20/2002			7.43	0.00	4980.49
	9/5/2002			7.49	0.00	4980.43
	9/26/2002			7.55	0.00	4980.37
	10/10/2002			7.60	0.00	4980.32
	11/18/2002			7.74	0.00	4980.18
	2/18/2003	4987.92		7.95	0.00	4979.97
	5/13/2003			6.77	0.00	4981.15
	8/11/2003			6.61	0.00	4981.31
	11/10/2003			7.04	0.00	4980.88
	2/16/2004			7.55	0.00	4980.37
	5/25/2004			7.12	0.00	4980.80
	8/25/2004			6.81	0.00	4981.11
	11/10/2004			7.09	0.00	4980.83
	2/14/2005			7.39	0.00	4980.53
	5/18/2005			7.03	0.00	4980.89
	8/23/2005			6.85	0.00	4981.07
	11/15/2005			7.07	0.00	4980.85
	2/14/2006			7.48	0.00	4980.44
	5/22/2006			7.61	0.00	4980.31

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW-29	9/3/2002	4987.39		7.81	0.00	4979.58
	9/5/2002			7.82	0.00	4979.57
	9/26/2002			7.89	0.00	4979.50
	10/10/2002			7.96	0.00	4979.43
	11/18/2002			8.11	0.00	4979.28
	2/18/2003	4987.39		8.48	0.00	4978.91
	5/13/2003			3.09	0.00	4984.30
	8/11/2003			6.33	0.00	4981.06
	11/10/2003			7.80	0.00	4979.59
	2/16/2004			8.50	0.00	4978.89
	5/25/2004			7.22	0.00	4980.17
	8/25/2004			6.38	0.00	4981.01
	11/10/2004			6.36	0.00	4981.03
	2/14/2005			7.61	0.00	4979.78
	5/18/2005			nm		
	8/25/2005			5.79	0.00	4981.60
	11/15/2005			nm		
	2/13/2006			7.75	0.00	4979.64
	5/22/2006			8.32	0.00	4979.07
MW-30	9/3/2002	4986.87		8.89	0.00	4977.98
	9/5/2002			8.88	0.00	4977.99
	9/26/2002			8.96	0.00	4977.91
	10/10/2002			9.02	0.00	4977.85
	11/18/2002			9.20	0.00	4977.67
	2/18/2003	4986.87		9.66	0.00	4977.21
	4/30/2003		4.95	4.96	0.01	4981.92
	5/13/2003			4.54	0.00	4982.33
	5/28/2003			5.55	0.00	4981.32
	8/11/2003			7.00	0.00	4979.87
	11/10/2003			8.49	0.00	4978.38
	2/16/2004			9.49	0.00	4977.38
	5/25/2004			8.22	0.00	4978.65
	8/25/2004			7.86	0.00	4979.01
	11/10/2004			7.61	0.00	4979.26
	2/14/2005			8.92	0.00	4977.95
	5/18/2005			7.21	0.00	4979.66
	8/25/2005			6.57	0.00	4980.30
	11/14/2005			7.48	0.00	4979.39
	2/13/2006			8.74	0.00	4978.13
	5/22/2006			9.30	0.00	4977.57
MW-31	9/3/2002	4987.86		8.83	0.00	4979.03
	9/5/2002			8.84	0.00	4979.02
	9/26/2002			8.90	0.00	4978.96
	10/10/2002			8.95	0.00	4978.91
	11/18/2002			9.12	0.00	4978.74
	2/18/2003	4987.86	9.48	10.25	0.77	4978.19
	3/10/2003		9.50	10.03	0.53	4978.23
	3/17/2003		9.64	9.70	0.06	4978.21
	4/30/2003		7.29	7.30	0.01	4980.57
	5/13/2003			6.95	0.00	4980.91
	5/28/2003			7.02	0.00	4980.84
	8/11/2003			7.38	0.00	4980.48
	8/20/2003			7.58	0.00	4980.28
	11/10/2003			8.22	0.00	4979.64
	12/18/2003			8.60	0.00	4979.26
	1/22/2004			8.90	0.00	4978.96
	2/16/2004			9.17	0.00	4978.69
	5/25/2004			9.05	0.00	4978.81
	8/25/2004			8.58	0.00	4979.28
	11/10/2004			8.50	0.00	4979.36
	2/14/2005			9.20	0.00	4978.66
	5/18/2005			8.33	0.00	4979.53
	8/25/2005			7.78	0.00	4980.08
	11/14/2005			8.08	0.00	4979.78
	2/13/2006			8.97	0.00	4978.89
	5/22/2006			9.43	0.00	4978.43

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Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW-32	9/3/2002	4987.12		7.25	0.00	4979.87
	9/5/2002			7.25	0.00	4979.87
	9/26/2002			7.33	0.00	4979.79
	10/10/2002			7.38	0.00	4979.74
	11/18/2002			7.57	0.00	4979.55
	2/18/2003	4987.12	7.96	8.18	0.22	4979.11
	3/10/2003		7.97	8.21	0.24	4979.09
	3/17/2003		8.00	8.16	0.16	4979.08
	4/9/2003		6.03	6.06	0.03	4981.08
	4/30/2003		5.89	5.90	0.01	4981.23
	5/13/2003			5.66	0.00	4981.46
	5/28/2003			5.92	0.00	4981.20
	8/11/2003			6.09	0.00	4981.03
	8/20/2003			6.14	0.00	4980.98
	11/10/2003			6.74	0.00	4980.38
	2/16/2004			7.49	0.00	4979.63
	5/25/2004			7.27	0.00	4979.85
	8/25/2004			6.93	0.00	4980.19
	11/10/2004			7.23	0.00	4979.89
	2/14/2005			7.71	0.00	4979.41
	5/18/2005			7.21	0.00	4979.91
	8/25/2005			6.78	0.00	4980.34
	11/14/2005			6.88	0.00	4980.24
	2/13/2006			7.54	0.00	4979.58
	5/22/2006			7.84	0.00	4979.28
MW-33	9/3/2002	4994.80		6.81	0.00	4987.99
	9/5/2002			5.98	0.00	4988.82
	9/26/2002			6.96	0.00	4987.84
	11/18/2002			6.35	0.00	4988.45
	2/18/2003	4994.80		8.01	0.00	4986.79
	5/13/2003			5.24	0.00	4989.56
	8/11/2003			5.65	0.00	4989.15
	11/10/2003			5.79	0.00	4989.01
	12/18/2003			6.27	0.00	4988.53
	1/22/2004			6.58	0.00	4988.22
	2/16/2004			6.77	0.00	4988.03
	5/25/2004			6.50	0.00	4988.30
	8/25/2004			6.22	0.00	4988.58
	11/10/2004			6.58	0.00	4988.22
	2/14/2005			6.85	0.00	4987.95
	5/18/2005			6.47	0.00	4988.33
	8/25/2005			6.19	0.00	4988.61
	11/30/2005			6.45	0.00	4988.35
	2/14/2006			6.88	0.00	4987.92
	5/24/2006			7.02	0.00	4987.78
MW-34	9/3/2002	4994.21		9.15	0.00	4985.06
	9/5/2002			8.74	0.00	4985.47
	9/26/2002			5.44	0.00	4988.77
	11/18/2002			7.06	0.00	4987.15
	2/18/2003	4994.21		5.91	0.00	4988.30
	5/13/2003			4.60	0.00	4989.61
	8/11/2003			5.84	0.00	4988.37
	11/10/2003			4.26	0.00	4989.95
	12/18/2003			6.10	0.00	4988.11
	1/22/2004			6.36	0.00	4987.85
	2/16/2004			6.55	0.00	4987.66
	5/25/2004			6.11	0.00	4988.10
	8/25/2004			5.87	0.00	4988.34
	11/10/2004			6.13	0.00	4988.08
	2/14/2005			6.46	0.00	4987.75
	5/18/2005			6.08	0.00	4988.13
	8/23/2005			5.73	0.00	4988.48
	11/16/2005			5.89	0.00	4988.32
	2/14/2006			6.42	0.00	4987.79
	5/24/2006			6.64	0.00	4987.57

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW-35	5/25/2004	4985.37		9.57	0.00	4975.80
	8/25/2004			9.25	0.00	4976.12
	10/4/2004			9.25	0.00	4976.12
	11/10/2004			9.35	0.00	4976.02
	2/14/2005			9.94	0.00	4975.43
	5/18/2005			9.32	0.00	4976.05
	8/26/2005			8.91	0.00	4976.46
	11/14/2005			9.81	0.00	4975.56
	2/13/2006			9.58	0.00	4975.79
	5/22/2006			9.94	0.00	4975.43
MW-36	9/3/2002	4990.09		7.69	0.00	4982.40
	9/5/2002			7.69	0.00	4982.40
	9/26/2002			7.76	0.00	4982.33
	10/10/2002			7.80	0.00	4982.29
	11/18/2002			7.93	0.00	4982.16
	1/31/2003		8.58	9.16	0.58	4981.37
	2/4/2003		7.35	7.45	0.10	4982.72
	2/5/2003		8.33	8.46	0.13	4981.73
	2/11/2003		8.30	8.41	0.11	4981.76
	2/12/2003		8.30	8.43	0.13	4981.76
	2/18/2003	4990.09	8.25	8.54	0.29	4981.77
	3/5/2003		8.20	8.74	0.54	4981.76
	3/10/2003		8.26	8.44	0.18	4981.79
	3/17/2003		8.27	8.51	0.24	4981.76
	4/30/2003		7.54	7.64	0.10	4982.53
	5/13/2003		7.49	7.57	0.08	4982.58
	5/28/2003			7.43	0.00	4982.66
	8/11/2003		7.25	7.28	0.03	4982.83
	8/20/2003			7.29	0.00	4982.80
	11/10/2003			7.48	0.00	4982.61
	12/18/2003			7.72	0.00	4982.37
	1/22/2004			7.90	0.00	4982.19
	2/16/2004			8.02	0.00	4982.07
	5/25/2004			7.92	0.00	4982.17
	8/25/2004			7.68	0.00	4982.41
	11/10/2004			7.83	0.00	4982.26
	2/14/2005			8.08	0.00	4982.01
	5/18/2005			7.92	0.00	4982.17
	8/23/2005			7.58	0.00	4982.51
	11/15/2005			7.69	0.00	4982.40
	2/15/2006			8.09	0.00	4982.00
	5/22/2006			8.20	0.00	4981.89
MW-37	2/18/2003	4987.82		10.56	0.00	4977.26
	4/30/2003			7.62	0.00	4980.20
	5/13/2003			7.25	0.00	4980.57
	5/28/2003			7.20	0.00	4980.62
	8/11/2003			7.99	0.00	4979.83
	8/20/2003			8.11	0.00	4979.71
	11/10/2003			9.09	0.00	4978.73
	2/16/2004			10.15	0.00	4977.67
	5/25/2004			9.77	0.00	4978.05
	8/25/2004			9.35	0.00	4978.47
	11/10/2004			9.07	0.00	4978.75
	2/14/2005			10.01	0.00	4977.81
	5/18/2005			8.82	0.00	4979.00
	8/26/2005			8.15	0.00	4979.67
	11/14/2005			8.64	0.00	4979.18
	2/13/2006			9.67	0.00	4978.15
	5/22/2006			10.22	0.00	4977.60

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW-38	2/18/2003	4986.75		8.45	0.00	4978.30
	5/13/2003			6.08	0.00	4980.67
	8/11/2003			6.41	0.00	4980.34
	8/20/2003			6.47	0.00	4980.28
	11/10/2003			7.15	0.00	4979.60
	12/18/2003			7.51	0.00	4979.24
	1/22/2004			7.75	0.00	4979.00
	2/16/2004			7.95	0.00	4978.80
	5/25/2004			7.78	0.00	4978.97
	8/25/2004			7.40	0.00	4979.35
	11/10/2004			7.65	0.00	4979.10
	2/14/2005			8.18	0.00	4978.57
	5/18/2005			7.61	0.00	4979.14
	8/26/2005			7.12	0.00	4979.63
	11/17/2005			7.33	0.00	4979.42
	2/13/2006			7.94	0.00	4978.81
	5/22/2006			8.28	0.00	4978.47
MW-39	4/10/2003	4991.16		5.70	0.00	4985.46
	4/30/2003			2.61	0.00	4988.55
	5/13/2003	4991.16		0.47	0.00	4990.69
	5/20/2003			0.71	0.00	4990.45
	7/16/2003			4.02	0.00	4987.14
	8/11/2003			4.77	0.00	4986.39
	11/10/2003			6.39	0.00	4984.77
	2/16/2004			7.67	0.00	4983.49
	5/25/2004			7.53	0.00	4983.63
	8/25/2004			6.14	0.00	4985.02
	11/10/2004			7.17	0.00	4983.99
	2/14/2005			8.03	0.00	4983.13
	5/18/2005			6.65	0.00	4984.51
	8/26/2005			3.50	0.00	4987.66
	11/15/2005			4.54	0.00	4986.62
	2/13/2006			8.94	0.00	4982.22
	5/23/2006			5.28	0.00	4985.88
MW-40	5/25/2004	4992.48		5.78	0.00	4986.70
	8/25/2004			5.42	0.00	4987.06
	11/10/2004			5.71	0.00	4986.77
	2/14/2005			6.05	0.00	4986.43
	5/18/2005			nm		
	8/23/2005			5.41	0.00	4987.07
	11/15/2005			nm		
	2/14/2006			6.12	0.00	4986.36
	5/25/2006			6.21	0.00	4986.27
MW-41	5/25/2004	4991.03		9.11	0.00	4981.92
	8/25/2004			6.26	0.00	4984.77
	11/10/2004			6.30	0.00	4984.73
	2/14/2005			6.54	0.00	4984.49
	5/18/2005			nm		
	8/23/2005			6.15	0.00	4984.88
	11/15/2005			nm		
	2/14/2006			6.44	0.00	4984.59
	5/25/2006			6.63	0.00	4984.40
MW-42	5/25/2004	4990.55		7.12	0.00	4983.43
	8/25/2004			6.79	0.00	4983.76
	11/10/2004			6.89	0.00	4983.66
	2/14/2005			6.19	0.00	4984.36
	5/18/2005			nm		
	8/23/2005			6.63	0.00	4983.92
	11/15/2005			nm		
	2/14/2006			7.22	0.00	4983.33
	5/25/2006			7.34	0.00	4983.21

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
MW-43	5/25/2004	4989.20		6.72	0.00	4982.48
	8/25/2004			6.31	0.00	4982.89
	11/10/2004			6.42	0.00	4982.78
	2/14/2005			6.75	0.00	4982.45
	5/18/2005			nm		
	8/23/2005			6.00	0.00	4983.20
	11/15/2005			nm		
	2/14/2006			6.80	0.00	4982.40
	5/25/2006			6.93	0.00	4982.27
MW-44	5/18/2005	4976.30		6.01	0.00	4970.29
	8/26/2005			5.88	0.00	4970.42
	11/14/2005			5.75	0.00	4970.55
	2/13/2006			6.14	0.00	4970.16
	5/22/2006			6.53	0.00	4969.77

Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
PZ1R	2/5/2002	4994.92		9.20	0.00	4985.72
	5/8/2002			8.00	0.00	4986.92
	8/20/2002		9.48	9.49	0.01	4985.44
	9/26/2002			6.46	0.00	4988.46
	11/18/2002		9.41	9.42	0.01	4985.51
	2/18/2003	4994.92	8.97	9.17	0.20	4985.90
	5/12/2003			5.94	0.00	4988.98
	8/11/2003			6.09	0.00	4988.83
	11/12/2003			7.08	0.00	4987.84
	1/23/2004			6.85	0.00	4988.07
	2/16/2004			7.03	0.00	4987.89
	5/25/2004			6.66	0.00	4988.26
	8/26/2004			6.38	0.00	4988.54
	11/10/2004			6.73	0.00	4988.19
	2/14/2005			7.01	0.00	4987.91
	5/18/2005			6.70	0.00	4988.22
	8/23/2005			nm		
	11/17/2005			6.58	0.00	4988.34
	2/15/2006			7.04	0.00	4987.88
	5/25/2006			7.22	0.00	4987.70
PZ2	4/5/2001	4993.27	5.54	5.60	0.06	4987.72
	4/17/2001			5.97	0.00	4987.30
	4/24/2001			5.85	0.00	4987.42
	5/15/2001		5.45	5.62	0.17	4987.78
	5/30/2001		5.51	5.70	0.19	4987.71
	6/13/2001		4.44	4.60	0.16	4988.79
	6/22/2001		5.36	5.50	0.14	4987.88
	7/6/2001		5.38	5.51	0.13	4987.86
	7/30/2001		5.35	5.50	0.15	4987.88
	8/15/2001		5.33	5.40	0.07	4987.92
	10/9/2001		5.75	5.90	0.15	4987.48
	2/5/2002		6.87	8.14	1.27	4986.08
	5/8/2002		6.25	7.05	0.80	4986.82
	8/20/2002		6.19	6.20	0.01	4987.08
	9/26/2002		6.42	7.34	0.92	4986.62
	11/18/2002		6.56	7.44	0.88	4986.49
	2/18/2003	4993.27	6.81	8.59	1.78	4986.02
	5/13/2003		5.78	6.20	0.42	4987.39
	8/11/2003		5.57	5.59	0.02	4987.70
	11/12/2003		6.03	6.25	0.22	4987.19
	12/18/2003		6.22	6.70	0.48	4986.93
	1/22/2004		6.29	6.43	0.14	4986.95
	2/16/2004		6.42	6.60	0.18	4986.81
	5/25/2004		5.85	5.86	0.01	4987.42
	8/26/2004			5.46	0.00	4987.81
	11/10/2004			5.67	0.00	4987.60
	2/14/2005			6.22	0.00	4987.05
	5/18/2005			5.76	0.00	4987.51
	8/23/2005			5.50	0.00	4987.77
	11/17/2005			5.80	0.00	4987.47
	2/15/2006			6.24	0.00	4987.03
	5/25/2006			6.37	0.00	4986.90

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
PZ3	4/5/2001	4993.25	6.21	6.33	0.12	4987.01
	4/17/2001			6.13	0.00	4987.12
	4/24/2001			6.00	0.00	4987.25
	5/15/2001			5.13	0.00	4988.12
	5/30/2001		4.91	4.92	0.01	4988.34
	6/13/2001			4.81	0.00	4988.44
	6/22/2001			4.79	0.00	4988.46
	7/6/2001			4.73	0.00	4988.52
	7/30/2001			4.85	0.00	4988.40
	8/15/2001		4.87	4.92	0.05	4988.37
	10/9/2001			5.42	0.00	4987.83
	2/5/2002		6.80	6.82	0.02	4986.45
	8/20/2002			5.97	0.00	4987.28
	11/18/2002		6.70	6.71	0.01	4986.55
	2/18/2003	4993.25	7.83	7.99	0.16	4985.38
	5/13/2003		5.33	5.34	0.01	4987.92
	8/11/2003			5.07	0.00	4988.18
	11/12/2003			5.95	0.00	4987.30
	12/18/2003			6.15	0.00	4987.10
	1/23/2004			6.05	0.00	4987.20
	2/16/2004			6.18	0.00	4987.07
	5/25/2004			5.61	0.00	4987.64
	8/26/2004			5.37	0.00	4987.88
	11/10/2004			5.45	0.00	4987.80
	2/14/2005			5.97	0.00	4987.28
	5/18/2005			5.00	0.00	4988.25
	8/23/2005			nm		
	11/17/2005			4.75	0.00	4988.50
	2/15/2006			5.32	0.00	4987.93
	5/25/2006			nm		
PZ5R	2/5/2002	4991.74	4.28	4.35	0.07	4987.44
	5/8/2002		4.45	4.86	0.41	4987.19
	8/20/2002		2.49	2.50	0.01	4989.25
	9/26/2002		3.54	4.57	1.03	4987.94
	11/18/2002		4.71	5.57	0.86	4986.82
	2/18/2003	4991.74	5.59	7.08	1.49	4985.78
	3/17/2003		5.66	7.19	1.53	4985.70
	4/30/2003		2.56	4.10	1.54	4988.80
	5/13/2003		1.59	3.89	2.30	4989.58
	8/11/2003		2.65	3.62	0.97	4988.85
	11/12/2003		3.71	4.71	1.00	4987.78
	12/18/2003		4.21	4.84	0.63	4987.37
	1/22/2004		4.08	4.75	0.67	4987.49
	2/16/2004		4.40	5.11	0.71	4987.16
	5/25/2004			1.90	0.00	4989.84
	8/26/2004		2.42	3.20	0.78	4989.13
	11/10/2004		3.01	3.39	0.38	4988.64
	2/14/2005		4.10	4.79	0.69	4987.47
	5/18/2005		nm	nm		
	8/23/2005		2.52	3.52	1.00	4988.97
	11/17/2005		2.65	2.69	0.04	4989.08
	2/15/2006		3.54	4.22	0.68	4988.03
	5/25/2006		3.50	4.60	1.10	4987.97

Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
PZ7R	4/10/2003	4991.46		4.11	0.00	4987.35
	4/30/2003			3.42	0.00	4988.04
	5/12/2003			2.91	0.00	-2.91
	5/20/2003			2.93	0.00	-2.93
	7/16/2003			2.56	0.00	-2.56
	8/11/2003			3.07	0.00	-3.07
	11/12/2003			4.16	0.00	-4.16
	12/18/2003			4.75	0.00	-4.75
	1/23/2004			4.64	0.00	-4.64
	2/16/2004			4.94	0.00	-4.94
	5/25/2004			3.58	0.00	-3.58
	8/26/2004			3.01	0.00	-3.01
	11/10/2004			3.83	0.00	-3.83
	2/14/2005			4.53	0.00	-4.53
	5/18/2005			3.08	0.00	-3.08
	11/17/2005			3.39	0.00	-3.39
	2/15/2006			3.95	0.00	-3.95
5/25/2006			4.02	0.00	-4.02	
PZ9	4/17/2001	4991.33		4.82	0.00	4986.51
	4/24/2001			4.71	0.00	4986.62
	5/15/2001			3.26	0.00	4988.07
	5/30/2001			3.10	0.00	4988.23
	6/13/2001			2.99	0.00	4988.34
	6/22/2001			2.96	0.00	4988.37
	7/6/2001			3.00	0.00	4988.33
	7/30/2001			3.05	0.00	4988.28
	8/15/2001			3.39	0.00	4987.94
	10/9/2001			3.75	0.00	4987.58
	2/5/2002			4.95	0.00	4986.38
	5/8/2002		5.10	5.17	0.07	4986.21
	8/20/2002		5.14	5.15	0.01	4986.19
	11/18/2002		6.03	6.40	0.37	4985.21
	2/18/2003	4991.33	6.64	6.98	0.34	4984.61
	4/30/2003			4.44	0.00	4986.89
	5/13/2003		4.07	4.10	0.03	4987.25
	8/11/2003			3.44	0.00	4987.89
	11/12/2003			4.31	0.00	4987.02
	12/18/2003			4.68	0.00	4986.65
	1/23/2004			4.69	0.00	4986.64
	2/16/2004			4.85	0.00	4986.48
	5/25/2004			4.47	0.00	4986.86
	8/26/2004			4.17	0.00	4987.16
	11/10/2004			4.22	0.00	4987.11
	2/14/2005			4.77	0.00	4986.56
	5/18/2005			3.65	0.00	4987.68
8/23/2005			2.98	0.00	4988.35	
11/17/2005			3.19	0.00	4988.14	
2/15/2006			nm			

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
PZ10R	4/10/2003	4990.00		3.83	0.00	4986.17
	5/12/2003		2.09	2.10	0.01	-2.09
	5/20/2003			2.19	0.00	-2.19
	7/16/2003			2.14	0.00	-2.14
	8/11/2003		2.47	2.48	0.01	-2.47
	11/12/2003			3.44	0.00	-3.44
	12/18/2003			3.76	0.00	-3.76
	1/23/2004			3.86	0.00	-3.86
	2/16/2004			4.04	0.00	-4.04
	5/25/2004			3.57	0.00	-3.57
	8/26/2004			3.25	0.00	-3.25
	11/10/2004			3.51	0.00	-3.51
	2/14/2005			8.65	0.00	-8.65
	5/18/2005			2.36	0.00	-2.36
	11/17/2005			2.17	0.00	-2.17
	2/15/2006			2.75	0.00	-2.75
PZ11	10/9/2001	4994.89		8.06	0.00	4986.83
	2/5/2002		8.34	8.40	0.06	4986.54
	5/8/2005		8.43	8.47	0.04	4986.45
	8/20/2005			8.30	0.00	4986.59
	9/26/2002			8.42	0.00	4986.47
	11/18/2002			8.58	0.00	4986.31
	2/18/2003	4994.89	8.78	9.19	0.41	4986.01
	5/13/2003		8.24	8.28	0.04	4986.64
	8/11/2003			7.73	0.00	4987.16
	11/12/2003		7.92	7.93	0.01	4986.97
	2/16/2004		8.50	8.51	0.01	4986.39
	5/25/2004			8.45	0.00	4986.44
	8/26/2004			8.20	0.00	4986.69
	11/10/2004			8.30	0.00	4986.59
	2/14/2005			8.65	0.00	4986.24
	5/18/2005			8.46	0.00	4986.43
	8/23/2005			8.10	0.00	4986.79
	11/17/2005			8.37	0.00	4986.52
	2/15/2006			8.69	0.00	4986.20

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
PZ15	10/9/2001	4992.16		4.69	0.00	4987.47
	2/5/2002			6.85	0.00	4985.31
	5/8/2002		5.36	5.95	0.59	4986.65
	8/20/2002			5.03	0.00	4987.13
	11/18/2002		5.32	6.43	1.11	4986.56
	2/18/2003	4992.16	5.80	7.03	1.23	4986.05
	5/13/2003			4.21	0.00	4987.95
	8/11/2003			4.52	0.00	4987.64
	11/12/2003			5.10	0.00	4987.06
	12/18/2003		5.32	5.43	0.11	4986.81
	1/23/2004		5.37	5.40	0.03	4986.78
	2/16/2004			5.53	0.00	4986.63
	5/25/2004		4.70	4.75	0.05	4987.45
	8/26/2004			4.18	0.00	4987.98
	11/10/2004			4.65	0.00	4987.51
	2/14/2005			5.21	0.00	4986.95
	5/18/2005			4.56	0.00	4987.60
	8/23/2005			4.42	0.00	4987.74
	11/17/2005			4.76	0.00	4987.40
	2/15/2006			5.30	0.00	4986.86
PZ16	9/3/2002	4988.58		6.73	0.00	-6.73
	9/5/2002			6.71	0.00	-6.71
	9/26/2002			6.75	0.00	-6.75
	10/10/2002		6.81	6.89	0.08	-6.83
	11/18/2002			6.99	0.00	-6.99
	2/18/2003	4988.58	7.30	7.41	0.11	-7.33
	4/30/2003		6.31	6.70	0.39	-6.41
	5/13/2003		6.21	6.47	0.26	-6.28
	5/29/2003			6.14	0.00	-6.14
	8/11/2003			5.90	0.00	-5.90
	8/20/2003			5.91	0.00	-5.91
	11/12/2003		6.34	6.35	0.01	-6.34
	8/26/2004			6.53	0.00	-6.53
	11/10/2004			6.66	0.00	-6.66
	2/14/2005			6.97	0.00	-6.97
	8/23/2005			6.28	0.00	-6.28
PZ17	2/18/2003	4989.87	7.09	8.21	1.12	4982.50
	4/30/2003		6.65	7.08	0.43	4983.11
	5/13/2003		6.55	6.91	0.36	4983.23
	5/28/2003			6.46	0.00	4983.41
	8/11/2003			6.24	0.00	4983.63
	11/12/2003		6.49	6.51	0.02	4983.38
	12/18/2003		6.72	6.92	0.20	4983.10
	1/22/2004		6.69	7.15	0.46	4983.07
	2/16/2004		6.91	7.46	0.55	4982.82
	5/25/2004		6.85	7.46	0.61	4982.87
	8/26/2004		6.63	6.87	0.24	4983.18
	11/10/2004		6.71	6.80	0.09	4983.14
	2/14/2005		7.05	7.29	0.24	4982.76
	5/18/2005		6.91	6.91	0.00	4982.96
	8/23/2005			6.55	0.00	4983.32
	11/17/2005			6.75	0.00	4983.12
	2/15/2006			7.10	0.00	4982.77
	5/25/2006		7.15	7.60	0.45	4982.61
TPZ-11	4/10/2003	4990.57		6.26	0.00	4984.31
	4/30/2003			5.64	0.00	4984.93
	5/12/2003			4.99	0.00	4985.58
	5/20/2003			4.68	0.00	4985.89
	7/16/2003			3.87	0.00	4986.70
	8/11/2003			3.12	0.00	4987.45
	11/12/2003			5.32	0.00	4985.25
	12/18/2003			6.04	0.00	4984.53
	1/23/2004			6.32	0.00	4984.25
	2/16/2004			6.62	0.00	4983.95
	5/25/2004			6.08	0.00	4984.49
	8/26/2004			5.61	0.00	4984.96
	11/10/2004			5.94	0.00	4984.63
	2/14/2005			6.89	0.00	4983.68
	5/18/2005			3.38	0.00	4987.19
	8/23/2005			3.00	0.00	4987.57
	11/17/2005			3.48	0.00	4987.09
	2/15/2006			4.63	0.00	4985.94

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
TPZ-12	4/10/2003	4990.66		6.38	0.00	4984.28
	4/30/2003			5.72	0.00	4984.94
	5/12/2003			5.09	0.00	4985.57
	5/20/2003			4.87	0.00	4985.79
	7/16/2003			3.90	0.00	4986.76
	8/11/2003			3.37	0.00	4987.29
	11/12/2003			5.12	0.00	4985.54
	1/23/2004			6.10	0.00	4984.56
	2/16/2004			6.44	0.00	4984.22
	8/26/2004			5.44	0.00	4985.22
	11/10/2004			5.77	0.00	4984.89
	2/14/2005			6.71	0.00	4983.95
	5/18/2005			3.47	0.00	4987.19
	8/23/2005			3.03	0.00	4987.63
	11/17/2005			3.52	0.00	4987.14
	2/15/2006			4.62	0.00	4986.04

Attachment 1 - Table 1
Historical Fluid Level Measurements
Duke Energy, Spindle Plant
Weld County, Colorado

Well Number	Date	MP Elevation (ft-msl)	DTP (ft-bmp)	DTW (ft-bmp)	PT (ft)	Corrected Water Elevation (ft-msl)
TPZ-13	4/10/2003	4990.32		4.07	0.00	4986.25
	4/30/2003			3.25	0.00	4987.07
	5/12/2003			2.16	0.00	4988.16
	5/20/2003			2.32	0.00	4988.00
	7/16/2003			2.53	0.00	4987.79
	8/11/2003			2.85	0.00	4987.47
	11/12/2003			3.81	0.00	4986.51
	12/18/2003			4.15	0.00	4986.17
	1/23/2004			4.24	0.00	4986.08
	2/16/2004			4.43	0.00	4985.89
	8/26/2004			3.62	0.00	4986.70
	11/10/2004			3.91	0.00	4986.41
	2/14/2005			4.02	0.00	4986.30
	5/18/2005			2.31	0.00	4988.01
	8/23/2005			1.85	0.00	4988.47
	11/17/2005			2.51	0.00	4987.81
	2/15/2006			3.21	0.00	4987.11
TPZ-16	4/10/2003	4990.16		5.33	0.00	4984.83
	4/30/2003		4.49	4.50	0.01	4985.67
	5/12/2003		2.84	2.94	0.10	4987.30
	5/20/2003		3.70	3.88	0.18	4986.42
	7/16/2003			3.42	0.00	4986.74
	8/11/2003		2.75	2.92	0.17	4987.37
	11/12/2003		4.61	4.71	0.10	4985.53
	12/18/2003		5.37	5.50	0.13	4984.76
	1/23/2004		5.58	5.69	0.11	4984.55
	2/16/2004		5.91	5.99	0.08	4984.23
	5/25/2004		5.33	5.36	0.03	4984.82
	8/26/2004			4.88	0.00	4985.28
	11/10/2004		5.26	5.28	0.02	4984.90
	2/14/2005		6.12	6.24	0.12	4984.01
	5/18/2005			2.74	0.00	4987.42
	8/23/2005			2.47	0.00	4987.69
	11/17/2005			2.73	0.00	4987.43
	2/15/2006			4.11	0.00	4986.05
	5/24/2006		4.23	4.30	0.07	4985.91

NOTES

MW- Monitoring Well

PZ - Piezometer

TPZ - Temporary Piezometer

STPZ - Sparge Trench Piezometer

EP - Extraction Pit

IT - Injection Trench

RT - Remediation Trench

DTP - Depth to Product

DTW - Depth to Water

PT - Product Thickness

NM - Not Measured

NM-DNE - Not Measured, Did Not Exist

All data reported in feet

Attachment 2

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-1	8/18/00	3.4	< 0.040	0.42	1.83
	4/20/01	0.64	< 0.010	0.047	0.132
	7/11/01	0.2	< 0.002	0.031	0.0506
	10/10/01	0.47	< 0.010	0.037	< 0.010
	2/5/02	0.31	< 0.010	0.02	0.023
	5/9/02	0.23	< 0.010	0.02	0.037
	8/22/02	0.093	0.0048	0.011	0.022
	11/20/02	FP	FP	FP	FP
	2/20/03	0.38	< 0.020	0.12	0.233
	5/15/03	0.18	< 0.005	0.015	0.037
	8/13/03	0.12	< 0.025	0.026	0.018
	11/13/03	0.22	< 0.025	0.024	0.022
	2/19/04	0.2	< 0.0050	0.017	0.012
	5/26/04	0.00095	< 0.0050	< 0.00050	0.0018
	8/30/04	0.019	<0.025	<0.0025	<0.0075
	11/10/04	0.01	< 0.0050	0.0013	0.005
	2/14/05	0.001	< 0.0050	< 0.00050	< 0.0015
	5/18/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/24/05	<0.00050	<0.0050	<0.00050	<0.0015
	11/16/05	0.0032	<0.0050	0.00093	0.0022
	2/14/06	0.0028	<0.0050	<0.00050	0.0017
	5/24/06	0.0016	<0.0050	<0.00050	0.0043
MW-2	8/18/00	1.5	0.82	0.058	0.313
	2/16/01	3.1	2.9	0.23	1.47
	4/20/01	FP	FP	FP	FP
	7/11/01	FP	FP	FP	FP
	10/10/01	3.5	1.6	0.11	1.04
	5/9/02	FP	FP	FP	FP
	8/21/02	FP	FP	FP	FP
	11/20/02	FP	FP	FP	FP
	2/19/03	FP	FP	FP	FP
	5/15/03	5.4	< 0.5	0.59	3.6
	8/13/03	8.4	< 2.5	4.4	18
	11/13/03	17	< 5.0	1.6	4.5
	2/19/04	34	< 2.5	1.1	3.6
	5/26/04	12	< 1.2	0.31	0.89
	8/30/04	1.2	<1.0	<0.10	<0.30
	11/10/04	1.8	< 0.5	0.12	0.23
	2/14/05	3.2	< 0.25	0.15	0.25
	5/18/05	< 0.00050	< 0.0050	< 0.00050	0.0062
	8/23/05	0.73	<0.050	<0.0050	0.05
	11/16/05	1.4	<0.050	0.18	< 0.15
	2/14/06	12	<2.5	0.93	<0.75
	5/24/06	12	<1.2	0.48	<0.38

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-3	8/18/00	19	6.8	0.2	1.6
	2/16/01	FP	FP	FP	FP
	4/20/01	FP	FP	FP	FP
	7/11/01	FP	FP	FP	FP
	10/10/01	FP	FP	FP	FP
	2/5/02	10	0.26	< 0.20	1.2
	5/9/02	12	1	0.24	2.21
	8/21/02	FP	FP	FP	FP
	11/20/02	FP	FP	FP	FP
	2/20/03	8.4	3.3	0.36	3.97
	5/15/03	8.6	2.3	0.38	4.8
	8/13/03	10	< 2.5	1.4	18
	11/13/03	8.8	< 5.0	3.3	29
	2/19/04	15	5.4	4.4	52
	5/26/04	3.2	< 5.0	< 0.50	2.6
	8/30/04	3.4	<2.5	<0.25	2.7
	11/10/04	4.7	< 1.2	0.15	2.2
	2/16/05	5.0	< 5.0	< 0.50	1.6
	5/18/05	3.2	<2.5	<0.25	2.1
	8/23/05	2.0	<0.25	<0.025	1.7
	11/16/05	5.0	<2.5	<0.25	1.1
	2/14/06	1.3	<0.12	<0.012	0.085
	5/24/06	3.2	<0.12	0.018	0.28
MW-4	8/18/00	FP	FP	FP	FP
	2/15/01	FP	FP	FP	FP
	4/20/01	FP	FP	FP	FP
	7/11/01	FP	FP	FP	FP
	10/10/01	FP	FP	FP	FP
	2/5/02	FP	FP	FP	FP
	5/9/02	FP	FP	FP	FP
	8/21/02	FP	FP	FP	FP
	11/20/02	23	24	0.55	5.2
	2/19/03	FP	FP	FP	FP
	5/15/03	17	22	0.38	3.4
	8/13/03	30	56	2.9	22
	11/13/03	22	54	6.2	39
	2/19/04	30	110	6.9	60
	5/26/04	14	24	0.38	3.7
	8/30/04	16	44	2.4	17
	11/10/04	13	28	1	7
	2/16/05	7.8	16	0.5	4.8
	5/19/05	12	21	< 0.5	4.7
	8/24/05	5.6	9.6	0.27	3.3
	11/17/05	5.7	13	0.41	5.4
	2/14/06	3.4	10	<0.50	5.1
	5/24/06	3.6	7.9	0.37	4.7

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant
Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-5	8/18/00	< 0.001	< 0.002	< 0.002	< 0.002
	2/16/01	< 0.001	< 0.002	< 0.002	< 0.002
	4/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	7/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/10/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	0.0011	< 0.002	< 0.002	< 0.002
	11/20/02	FP	FP	FP	FP
	2/19/03	FP	FP	FP	FP
	5/14/03	16	3.3	0.96	7.6
	8/13/03	40	< 25.0	9.2	64
	11/13/03	60	56	110	530
	2/18/04	87	150	44	320
	5/26/04	3.5	< 0.50	0.43	2.2
	8/30/04	5.6	< 2.5	7.0	24
	11/10/04	11	< 5.0	1.1	5.7
	2/14/05	FP	FP	FP	FP
	5/3/05	0.78	< 2.5	0.37	0.9
	5/26/05	3.5	< 0.50	0.43	2.2
	8/26/05	1.9	< 1.2	0.53	2.3
	11/16/05	0.24	< 0.12	0.22	0.68
	2/13/06	0.18	< 1.2	0.14	0.44
	5/24/06	0.18	< 0.12	0.049	0.31
MW-6	8/18/00	< 0.001	0.038	< 0.002	< 0.002
	2/16/01	< 0.001	< 0.002	< 0.002	< 0.002
	4/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	7/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/10/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/19/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	0.0017	< 0.0050	0.0013	0.0016
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/12/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	7/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/25/04	NS	NS	NS	NS
	8/30/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/24/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/15/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-7	8/18/00	< 0.001	< 0.002	< 0.002	< 0.002
	2/16/01	< 0.001	< 0.002	< 0.002	< 0.002
	4/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	7/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/10/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/19/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	0.00083	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/12/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/30/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/24/05	< 0.00050	< 0.0050	< 0.00050	< 0.0014
	11/15/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
MW-8	2/16/01	0.038	< 0.002	0.0057	0.05
	4/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	7/11/01	0.0031	< 0.002	0.0024	0.0138
	10/11/01	0.01	< 0.002	0.0022	< 0.002
	2/5/02	0.0037	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/19/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	0.0013	< 0.0050	< 0.00050	< 0.0015
	8/13/03	0.018	< 0.0050	< 0.00050	< 0.0015
	11/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/30/04	0.0012	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/2005-D	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/2005-D	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/15/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-9	2/16/01	< 0.001	< 0.002	< 0.002	< 0.002
	4/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	7/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/19/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/30/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/15/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
MW-10	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	4/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	7/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/19/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/30/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/05	0.0064	0.02	0.0021	0.0099
	3/2/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/15/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-11	4/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	7/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/19/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	NS	NS	NS	NS
	8/30/04	NS	NS	NS	NS
	11/10/04	NS	NS	NS	NS
	2/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/05	NS	NS	NS	NS
	8/24/05	NS	NS	NS	NS
	11/15/05	NS	NS	NS	NS
	2/15/06	0.00052	< 0.0050	< 0.00050	< 0.0015
	5/23/06	NS	NS	NS	NS
MW-12	4/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	7/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/10/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/20/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	NS	NS	NS	NS
	8/30/04	NS	NS	NS	NS
	11/10/04	NS	NS	NS	NS
	3/2/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/05	NS	NS	NS	NS
	8/24/05	NS	NS	NS	NS
	11/15/05	NS	NS	NS	NS
	2/14/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	NS	NS	NS	NS

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-13	4/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	7/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/10/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/20/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	NS	NS	NS	NS
	8/30/04	NS	NS	NS	NS
	11/10/04	NS	NS	NS	NS
	3/2/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/05	NS	NS	NS	NS
	8/24/05	NS	NS	NS	NS
	11/15/05	NS	NS	NS	NS
	2/14/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	NS	NS	NS	NS
MW-14	2/16/01	< 0.001	< 0.002	< 0.002	< 0.002
	4/20/01	< 0.001	< 0.002	< 0.002	< 0.002
	7/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/10/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/22/02	0.0013	< 0.002	< 0.002	< 0.002
	11/20/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/31/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/16/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/18/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/24/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/15/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/24/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-15	2/16/01	0.0031	0.0021	0.0057	0.014
	4/20/01	0.014	0.0029	0.0049	0.011
	7/11/01	0.02	< 0.002	0.0057	0.0159
	10/10/01	0.0086	< 0.002	< 0.002	0.0034
	2/5/02	0.015	< 0.002	0.0021	0.0083
	5/9/02	0.013	< 0.002	< 0.002	0.0027
	8/22/02	0.0066	< 0.002	< 0.002	< 0.002
	11/20/02	0.0085	< 0.002	< 0.002	< 0.002
	2/19/03	0.0071	< 0.002	< 0.002	< 0.002
	5/14/03	0.0042	< 0.0050	< 0.00050	< 0.0015
	8/13/03	0.0054	< 0.0050	< 0.00050	< 0.0015
	11/12/03	0.0017	< 0.0050	< 0.00050	< 0.0015
	2/18/04	0.00088	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/31/04	0.00058	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/16/05	0.00062	< 0.0050	< 0.00050	< 0.0015
	5/18/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/24/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/15/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/06	< 0.00050	< 0.0050	< 0.00050	0.002
	5/24/06	0.0012	< 0.0050	< 0.00050	< 0.0015
MW-16	2/16/01	7.6	1.9	0.17	0.87
	4/20/01	0.58	0.041	0.013	0.042
	7/11/01	3.1	0.33	0.045	0.25
	10/10/01	3.9	0.51	0.066	0.31
	2/5/02	2.4	0.1	0.049	0.19
	5/9/02	FP	FP	FP	FP
	8/22/02	2.9	1.8	0.22	1
	11/20/02	3.1	0.23	0.14	0.6
	2/19/03	FP	FP	FP	FP
	5/15/03	FP	FP	FP	FP
	8/13/03	2.7	0.52	0.12	0.73
	11/12/03	2.7	< 0.50	0.11	0.56
	2/19/04	1.5	< 2.5	< 0.25	< 0.75
	5/26/04	NS	NS	NS	NS
	8/31/04	0.83	< 1.0	< 0.10	< 0.30
	11/10/04	NS	NS	NS	NS
	2/16/05	0.89	< 0.25	< 0.025	< 0.075
	5/18/05	NS	NS	NS	NS
	8/23/05	1.3	< 0.12	0.022	0.098
	11/15/05	NS	NS	NS	NS
	2/14/06	2.0	< 0.12	0.017	0.26
	5/23/06	NS	NS	NS	NS

Attachment 2 -Table 1
Historical Analytical Data
Duke Energy, Spindle Plant
Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-17	2/16/01	7.2	2.8	0.21	0.7
	4/20/01	14	7.4	< 0.20	1.34
	7/11/01	5.1	1	< 0.10	0.36
	10/10/01	5.6	0.77	0.11	0.3
	2/5/02	19	4.5	0.21	1.41
	5/9/02	15	0.35	0.21	0.52
	8/22/02	6.9	0.3	< 0.20	0.21
	11/20/02	4.6	0.52	< 0.10	0.15
	2/20/03	14	4.5	0.22	1.1
	5/15/03	7.8	< 1.2	0.14	0.9
	8/13/03	4.3	0.59	0.1	0.37
	11/13/03	1.3	< 0.12	< 0.012	0.064
	2/19/04	5.5	< 0.25	< 0.025	< 0.075
	5/26/04	2.5	<1.2	< 0.12	0.45
	8/30/04	1.1	0.043	0.0069	0.088
	8/30/04-D	0.81	0.041	0.0032	0.064
	11/10/04	0.21	<0.050	<0.0050	0.029
	11/10/04-D	0.35	< 0.12	< 0.012	0.061
	2/16/05	2.5	< 0.25	< 0.025	0.26
	2/16/05-D	2.7	< 0.25	< 0.025	0.27
	5/18/05	0.12	< 1.0	< 0.10	< 0.30
	5/18/05-D	0.28	< 1.0	< 0.10	< 0.30
	8/23/05	0.049	<0.0050	<0.00050	0.014
	11/16/05	0.16	< 0.025	< 0.0025	0.039
	11/16/05-D	0.17	< 0.025	< 0.0025	0.034
	2/14/06	1.5	<0.12	<0.012	0.047
	2/14/06-D	1.6	<0.12	<0.012	0.0046
	5/24/06	0.38	<0.0050	<0.00050	0.0098
	5/24/06-D	0.040	<0.0050	<0.00050	0.0072
MW-18	4/20/01	1.3	0.048	0.37	1.17
	7/11/01	1.4	0.35	0.42	1.21
	10/10/01	1.3	0.031	0.43	1.11
	2/5/02	1.7	0.049	0.4	1.27
	5/9/02	2.0	0.054	0.45	1.44
	8/21/02	1.4	0.032	0.41	1.1
	11/19/02	1.4	0.036	0.4	1.04
	2/20/03	1.2	0.028	0.28	0.71
	5/14/03	0.93	0.015	0.3	0.78
	8/13/03	1.0	< 0.025	0.35	1.0
	11/12/03	0.58	< 0.0050	0.047	0.6
	2/18/04	0.80	< 0.12	0.11	1.0
	5/26/04	0.69	< 2.5	< 0.25	1.7
	8/30/04	0.45	<0.12	0.098	0.50
	11/10/04	0.58	< 0.25	0.22	0.77
	2/14/05	0.56	< 0.25	0.12	0.49
	5/19/05	0.66	< 0.0050	< 0.00050	0.65
	5/26/05	0.69	< 2.5	< 0.25	1.7
	8/24/05	0.64	<0.025	0.077	0.73
	11/15/05	0.51	< 0.050	< 0.0050	0.67
	2/13/06	0.34	<0.025	0.089	0.52
	5/23/06	0.11	<0.025	<0.0025	0.13

Attachment 2 -Table 1
Historical Analytical Data
Duke Energy, Spindle Plant
Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-19	4/20/01	0.31	< 0.020	0.2	0.82
	7/11/01	0.49	< 0.020	0.23	0.83
	10/10/01	0.61	< 0.020	0.32	1.2
	2/5/02	0.77	< 0.020	0.36	1.3
	5/9/02	1.0	< 0.020	0.5	1.9
	8/22/02	0.86	< 0.10	0.44	1.7
	11/19/02	0.75	< 0.020	0.34	1.4
	2/20/03	0.8	< 0.020	0.46	1.9
	5/15/03	0.53	< 0.025	0.28	1.1
	8/13/03	0.59	< 0.050	0.3	1.3
	11/12/03	0.58	< 0.25	0.14	2
	2/19/04	0.58	< 0.12	0.29	2.5
	5/26/04	NS	NS	NS	NS
	8/30/04	0.46	<1.2	0.31	1.6
	11/10/04	NS	NS	NS	NS
	2/16/05	0.34	< 0.25	0.32	2.5
	5/19/05	NS	NS	NS	NS
	8/23/05	0.36	<0.050	0.039	1.8
	11/15/05	NS	NS	NS	NS
	2/14/06	0.23	<0.025	<0.0025	1.9
	5/23/06	NS	NS	NS	NS
MW-20	4/20/01	2.7	2	0.083	0.65
	7/11/01	1.1	1	< 0.020	0.213
	10/10/01	0.62	0.44	< 0.020	0.09
	2/5/02	FP	FP	FP	FP
	8/21/02	FP	FP	FP	FP
	11/20/02	FP	FP	FP	FP
	2/19/03	FP	FP	FP	FP
	5/15/03	FP	FP	FP	FP
	8/13/03	1.4	1.6	0.19	1.5
	11/12/03	0.92	0.72	0.11	0.69
	2/19/04	0.85	< 0.50	0.13	0.71
	5/26/04	NS	NS	NS	NS
	8/31/04	0.17	0.091	0.051	0.25
	11/10/04	NS	NS	NS	NS
	2/16/05	0.38	< 1.2	0.12	0.46
	5/19/05	NS	NS	NS	NS
	8/23/05	0.89	0.1	0.22	0.98
	11/15/05	NS	NS	NS	NS
	2/14/06	2.6	0.37	0.49	2.1
	5/23/06	NS	NS	NS	NS

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-21	9/7/01	FP	FP	FP	FP
	10/10/01	FP	FP	FP	FP
	2/5/02	FP	FP	FP	FP
	5/9/02	FP	FP	FP	FP
	8/21/02	FP	FP	FP	FP
	11/20/02	FP	FP	FP	FP
	2/19/03	FP	FP	FP	FP
	5/15/03	FP	FP	FP	FP
	8/13/03	20	5.8	0.4	3.3
	11/12/03	29	9.8	5.5	37
	2/19/04	12	< 25	< 2.5	13
	5/26/04	6.9	< 5.0	0.64	5.8
	8/31/04	9.8	<2.5	0.46	3.2
	11/10/04	7.3	<2.5	0.91	5.4
	2/16/05	3.9	< 5.0	< 0.5	3.5
	5/18/05	1.8	< 5.0	< 0.5	3.2
	5/26/05	6.9	< 5.0	0.64	5.8
	8/23/05	3.0	0.28	0.4	2.3
	11/15/05	1.9	0.59	0.66	5.5
	2/15/06	2.5	0.46	0.079	2.7
	5/23/06	0.77	<5.0	<0.5	1.5
MW-22	9/7/01	0.064	0.0084	0.0066	0.0207
	10/10/01	0.16	0.002	0.011	0.023
	2/5/02	0.17	0.0034	0.0028	0.034
	5/9/02	0.87	< 0.010	< 0.010	< 0.010
	8/22/02	0.39	< 0.010	< 0.010	< 0.010
	11/20/02	0.33	< 0.010	< 0.010	< 0.010
	2/19/03	0.11	0.0045	< 0.002	0.0034
	5/14/03	0.38	< 0.0050	0.014	0.027
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/12/03	0.46	< 0.25	< 0.025	< 0.075
	2/19/04	0.11	< 0.12	< 0.012	< 0.038
	5/26/04	0.076	< 0.025	< 0.0025	0.0085
	8/31/04	0.12	<0.0050	0.0029	0.0037
	11/10/04	0.11	< 0.025	0.0032	< 0.0075
	2/16/05	0.11	< 0.0050	0.0027	0.0017
	5/18/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/24/05	<0.00050	<0.0050	<0.00050	<0.0015
	11/15/05	0.10	<0.0050	0.0059	0.0062
	2/15/06	0.0029	<0.0050	0.00085	<0.0015
	5/23/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015

Attachment 2 -Table 1
Historical Analytical Data
Duke Energy, Spindle Plant
Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-23	9/7/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/10/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/22/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/20/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	0.0015	< 0.002	< 0.002	< 0.002
	5/14/03	0.00059	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/19/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	NS	NS	NS	NS
	8/30/04	NS	NS	NS	NS
	11/10/04	NS	NS	NS	NS
	2/16/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/18/05	NS	NS	NS	NS
	8/24/05	NS	NS	NS	NS
	11/15/05	NS	NS	NS	NS
	2/14/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	NS	NS	NS	NS
MW-24	9/7/01	< 0.001	0.0022	< 0.002	0.0066
	10/10/01	0.037	< 0.002	0.014	0.039
	2/5/02	0.023	0.003	0.014	< 0.002
	5/9/02	0.036	< 0.002	0.0094	< 0.002
	8/22/02	0.012	< 0.002	< 0.002	< 0.002
	11/20/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/20/03	0.0021	< 0.002	< 0.002	0.0031
	5/15/03	0.048	< 0.0050	0.0029	0.0015
	8/13/03	0.014	< 0.0050	0.00063	0.0053
	11/12/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/19/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/31/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/16/05	0.00062	< 0.0050	< 0.00050	< 0.0015
	5/18/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/23/05	0.0021	< 0.0050	< 0.00050	0.0047
	11/16/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-25	9/7/01	0.032	< 0.040	< 0.040	2.22
	10/11/01	0.011	< 0.010	0.049	0.57
	2/5/02	0.031	< 0.010	0.23	0.15
	5/9/02	0.035	< 0.010	0.21	0.43
	8/21/02	0.015	< 0.010	0.064	0.0259
	11/19/02	0.012	< 0.002	0.025	0.0579
	2/19/03	FP	FP	FP	FP
	5/14/03	0.074	< 0.0050	0.33	0.41
	8/13/03	0.46	< 0.50	0.33	1.2
	11/12/03	0.035	< 0.12	< 0.012	1.2
	2/19/04	0.20	< 0.25	0.26	2.2
	5/26/04	0.25	2.5	0.38	3.2
	8/30/04	0.55	0.28	0.085	8.8
	11/10/04	< 0.025	< 0.25	0.05	1.8
	2/14/05	0.13	0.67	0.18	3.5
	5/20/05	0.022	< 0.0050	0.0032	0.14
	5/26/05	< 0.25	< 2.5	0.38	3.2
	8/24/05	0.12	0.24	0.034	3.0
	11/14/05	0.0093	< 0.025	< 0.0025	1.0
	2/13/06	0.031	< 0.025	0.030	1.5
	5/23/05	0.18	< 0.12	< 0.012	1.4
MW-26	9/7/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/19/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/30/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/05	< 0.00050	< 0.0050	< 0.00050	0.0023
	5/20/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/24/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/15/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/15/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/24/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015

Attachment 2 -Table 1
Historical Analytical Data
Duke Energy, Spindle Plant
Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-27	9/7/01	< 0.001	< 0.002	< 0.002	< 0.002
	10/11/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/21/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/19/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	0.00069	0.0038
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	NS	NS	NS	NS
	8/30/04	NS	NS	NS	NS
	11/10/04	NS	NS	NS	NS
	2/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/18/05	NS	NS	NS	NS
	8/24/05	NS	NS	NS	NS
	11/15/05	NS	NS	NS	NS
	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	NS	NS	NS	NS
MW-28	10/10/01	< 0.001	< 0.002	< 0.002	< 0.002
	2/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	5/9/02	< 0.001	< 0.002	< 0.002	< 0.002
	8/22/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/20/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/14/03	0.0015	< 0.0050	< 0.00050	< 0.0015
	8/13/03	0.0017	< 0.0050	< 0.00050	< 0.0015
	11/12/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/31/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/18/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/23/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/15/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/22/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
MW-29	9/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/19/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/15/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	NS	NS	NS	NS
	8/30/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	NS	NS	NS	NS
	2/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/18/05	NS	NS	NS	NS
	8/25/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/15/05	NS	NS	NS	NS
	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	NS	NS	NS	NS

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-30	9/5/02	< 0.001	< 0.002	< 0.002	< 0.002
	11/19/02	< 0.001	< 0.002	< 0.002	< 0.002
	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/15/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/13/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/11/03	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/30/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/25/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/22/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
MW-31	9/5/02	0.025	< 0.002	< 0.002	< 0.002
	11/19/02	0.042	< 0.002	< 0.002	< 0.002
	2/19/03	FP	FP	FP	FP
	5/15/03	1.9	< 0.25	0.19	0.88
	8/13/03	1.7	< 0.50	0.22	0.59
	11/12/03	0.58	< 2.5	< 0.25	< 0.75
	2/18/04	0.21	< 0.25	0.045	0.16
	5/26/04	0.058	< 0.050	0.016	0.14
	8/30/04	0.090	< 0.25	0.19	0.29
	11/10/04	0.094	< 0.25	0.18	0.26
	2/14/05	0.120	< 0.25	0.17	0.27
	5/19/05	0.21	< 0.0050	0.21	0.34
	5/26/05	0.058	< 0.050	0.016	0.14
	8/25/05	0.049	< 0.025	0.15	0.21
	11/14/05	0.13	< 0.12	0.089	0.13
	2/13/06	0.11	< 0.0050	0.12	0.11
	5/22/06	0.030	< 0.12	0.022	0.067
MW-32	9/5/02	1.3	0.18	0.031	0.2
	11/19/02	1.4	0.04	0.032	0.092
	2/19/03	FP	FP	FP	FP
	5/15/03	6.3	< 0.50	0.42	2.6
	8/13/03	5.6	< 0.50	0.13	2.4
	11/12/03	2.7	< 2.5	0.74	2.6
	2/18/04	1.7	< 2.5	< 0.25	1.2
	5/26/04	1.7	< 5.0	< 0.50	< 1.50
	8/30/04	1.3	< 2.5	0.37	1.8
	11/10/04	0.76	< 2.5	< 0.25	< 0.75
	2/14/05	6.0	< 0.25	0.5	3.2
	5/20/05	0.5	< 2.5	< 0.25	< 0.75
	5/26/05	1.7	< 5.0	< 0.50	< 1.50
	8/25/05	0.69	< 0.50	0.10	0.81
	11/14/05	0.73	< 0.12	< 0.012	0.77
	2/13/06	2.9	< 2.5	0.37	3.6
	5/22/06	0.30	< 1.2	< 0.012	0.52

Attachment 2 -Table 1
Historical Analytical Data
Duke Energy, Spindle Plant
Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-33	9/5/02	0.75	4.2	0.2	2.17
	11/20/02	0.97	2.5	0.38	2.81
	2/20/03	0.65	0.039	0.38	1.84
	5/15/03	0.034	0.026	0.31	2.3
	8/13/03	0.21	< 0.050	0.42	3
	11/13/03	0.02	< 0.025	0.11	2.5
	2/19/04	0.024	< 0.050	0.13	2.6
	5/26/04	0.00056	< 0.0050	< 0.00050	0.42
	8/30/04	0.011	<0.050	0.024	0.37
	11/10/04	0.0028	< 0.0050	0.0012	0.35
	2/16/05	< 0.0050	< 0.050	0.18	1.1
	5/18/05	0.0037	< 0.050	< 0.00050	< 0.0015
	8/25/05	0.0055	<0.025	<0.0025	0.77
	11/15/05	0.44	<0.025	0.019	1.8
	2/14/06	0.46	<0.50	0.0056	1.3
	5/24/06	0.35	< 0.0050	0.030	0.98
MW-34	9/5/02	0.088	< 0.20	< 0.20	0.161
	11/20/02	6.3	< 0.10	0.18	0.29
	2/20/03	2.0	< 0.20	< 0.20	0.31
	5/15/03	0.45	< 0.13	0.53	0.19
	8/13/03	0.3	< 0.025	0.063	0.11
	11/13/03	0.047	< 0.0050	0.00071	0.029
	2/19/04	0.041	< 0.0050	< 0.00050	0.0035
	5/26/04	0.0036	< 0.0050	< 0.00050	0.0043
	8/30/04	0.018	< 0.0050	0.00094	0.0082
	11/10/04	0.061	< 0.0050	0.0024	0.015
	2/16/05	0.064	< 0.25	< 0.025	< 0.075
	5/18/05	< 0.00050	< 0.050	< 0.00050	< 0.0015
	8/23/05	0.033	< 0.0050	0.00073	0.019
	11/16/05	0.15	< 0.050	< 0.0050	< 0.015
	2/14/06	0.0056	< 0.050	< 0.0050	0.0019
	5/24/06	0.020	< 0.0050	< 0.00050	0.012
MW-35	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/30/04	0.29	<0.025	0.0032	<0.0075
	8/30/04-D	0.27	< 0.025	< 0.0025	<0.0075
	10/4/04	0.25	< 0.0050	< 0.00050	< 0.0015
	11/10/04	0.18	< 0.0050	0.0031	< 0.0015
	11/10/04-D	0.14	< 0.0050	0.0029	< 0.0015
	2/14/05	0.02	< 0.0050	< 0.00050	< 0.0015
	5/20/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/26/05	<0.00050	<0.0050	<0.00050	<0.0015
	11/14/05	<0.00050	<0.0050	<0.00050	<0.0015
	11/14/05-D	0.0012	<0.0050	0.00065	<0.0015
	2/13/06	0.00050	< 0.0050	< 0.00050	< 0.0015
	2/13/06-D	0.00060	< 0.0050	< 0.00050	< 0.0015
	5/22/06	<0.00050	<0.0050	<0.00050	<0.0015
	5/22/06-D	<0.00050	<0.0050	<0.00050	<0.0015

Attachment 2 -Table 1

Historical Analytical Data

Duke Energy, Spindle Plant

Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-36	9/5/02	0.62	0.38	< 0.010	0.101
	11/20/02	1.4	0.17	0.025	0.04
	2/19/03	FP	FP	FP	FP
	5/15/03	18	9	0.46	3.6
	8/13/03	14	7.1	0.43	3.5
	11/12/03	10	8.2	1.3	8.4
	2/19/04	8.0	7.5	1.5	15
	5/26/04	4.1	< 5.0	< 0.50	2.9
	8/31/04	3.3	3.1	0.34	2.5
	11/10/04	3.4	2.5	0.4	2.9
	2/16/05	2.4	3.1	0.35	2.7
	5/18/05	3.0	< 5.0	< 0.50	1.7
	5/26/05	4.1	< 5.0	< 0.50	2.9
	8/23/05	1.8	1.9	0.39	2.8
	11/15/05	1.7	1.7	0.58	4.8
	2/21/06	0.86	0.74	0.27	2.1
	5/22/06	1.4	< 5.0	< 0.50	2.7
MW-37	2/19/03	< 0.001	< 0.002	< 0.002	< 0.002
	5/15/03	< 0.00050	< 0.0050	0.001	< 0.0015
	8/13/03	0.00087	< 0.0050	< 0.00050	< 0.0015
	11/12/03	0.0021	< 0.0050	< 0.00050	0.002
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/30/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	0.00052	< 0.0050	< 0.00050	< 0.0015
	2/14/05	0.0012	< 0.0050	< 0.00050	< 0.0015
	5/19/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/22/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015

Attachment 2 -Table 1
Historical Analytical Data
Duke Energy, Spindle Plant
Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-38	2/19/03	1.2	0.37	0.17	1.11
	5/20/03	10	2.6	0.33	2.1
	8/13/03	14	3.3	0.42	2.9
	11/12/03	2.4	< 2.5	< 0.25	0.77
	2/18/04	1.2	< 0.25	0.031	0.40
	5/26/04	0.84	< 1.2	< 0.12	< 0.38
	8/30/04	0.25	<0.25	<0.025	<0.075
	11/10/04	0.73	< 1.2	< 0.12	0.40
	2/14/05	0.47	< 0.050	0.12	0.94
	5/20/05	0.42	<0.25	<0.025	0.2
	5/26/05	0.84	< 1.2	< 0.12	< 0.38
	8/26/05	0.0035	<0.0050	<0.00050	0.007
	11/17/05	0.62	< 0.12	0.017	0.36
	2/13/06	0.96	<0.12	0.19	0.70
	5/22/06	0.0030	<0.0050	<0.00050	0.0033
MW-39	5/14/03	0.00067	< 0.0050	< 0.00050	< 0.0015
	8/13/03	0.001	< 0.0050	< 0.00050	< 0.0015
	11/12/03	< 0.00050	< 0.0050	< 0.00050	0.0019
	2/18/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	7/26/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/30/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/10/04	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/19/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/26/05	<0.00050	<0.0050	<0.00050	<0.0015
	11/16/05	<0.00050	<0.0050	<0.00050	<0.0015
	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/23/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
MW-40	5/26/04	0.089	< 0.50	< 0.050	< 0.15
	8/30/04	1.5	<0.50	<0.050	<0.15
	11/10/04	NS	NS	NS	NS
	5/18/05	NS	NS	NS	NS
	8/24/05	NS	NS	NS	NS
	11/15/05	NS	NS	NS	NS
	2/15/06	NS	NS	NS	NS
	5/23/06	NS	NS	NS	NS

Attachment 2 -Table 1
Historical Analytical Data
Duke Energy, Spindle Plant
Weld County, Colorado

Sample ID	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)
MW-41	5/26/04	0.49	< 0.50	< 0.050	0.21
	8/30/04	NS	NS	NS	NS
	11/10/04	NS	NS	NS	NS
	5/18/05	NS	NS	NS	NS
	8/24/05	NS	NS	NS	NS
	11/15/05	NS	NS	NS	NS
	2/15/06	NS	NS	NS	NS
	5/23/06	NS	NS	NS	NS
MW-42	5/26/04	42	< 25.0	< 2.5	7.6
	8/30/04	NS	NS	NS	NS
	11/10/04	NS	NS	NS	NS
	5/18/05	NS	NS	NS	NS
	8/24/05	NS	NS	NS	NS
	11/15/05	NS	NS	NS	NS
	2/15/06	NS	NS	NS	NS
	5/23/06	NS	NS	NS	NS
MW-43	5/26/04	4.0	< 5.0	< 0.50	6.0
	8/30/04	NS	NS	NS	NS
	11/10/04	NS	NS	NS	NS
	5/18/05	NS	NS	NS	NS
	8/24/05	NS	NS	NS	NS
	11/15/05	NS	NS	NS	NS
	2/15/06	NS	NS	NS	NS
	5/23/06	NS	NS	NS	NS
MW-44	5/20/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	8/26/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	11/14/05	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	2/13/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015
	5/22/06	< 0.00050	< 0.0050	< 0.00050	< 0.0015

MW- Monitoring Well
mg/L-milligrams per liter
FP-Free Phase Product Detected in Well

NS- Not Sampled
D- Duplicate Sample

Attachment 3

Laboratory Report
February 2006



ENVIRONMENTAL
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12065 Lebanon Rd.
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Est. 1970

REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-1
Collected By : B Stephenson
Collection Date : 02/14/06 14:10

ESC Sample # : L233727-18

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.0028	0.00050	mg/l	8021B	02/20/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/20/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Total Xylene	0.0017	0.0015	mg/l	8021B	02/20/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/20/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-2
Collected By : B Stephenson
Collection Date : 02/14/06 13:55

ESC Sample # : L233727-17

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	12.	0.25	mg/l	8021B	02/20/06	500
Toluene	BDL	2.5	mg/l	8021B	02/20/06	500
Ethylbenzene	0.93	0.25	mg/l	8021B	02/20/06	500
Total Xylene	BDL	0.75	mg/l	8021B	02/20/06	500
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/20/06	500

Cheli Boucher

Cheli Boucher, ESC Representative

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Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-3
Collected By : B Stephenson
Collection Date : 02/14/06 13:35

ESC Sample # : L233727-16

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	1.3	0.012	mg/l	8021B	02/21/06	25
Toluene	BDL	0.12	mg/l	8021B	02/21/06	25
Ethylbenzene	BDL	0.012	mg/l	8021B	02/21/06	25
Total Xylene	0.085	0.038	mg/l	8021B	02/21/06	25
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/21/06	25

Cheli Boucher

Cheli Boucher, ESC Representative

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle

Sample ID : MW-4

Collected By : B Stephenson
Collection Date : 02/14/06 13:20

ESC Sample # : L233727-15

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	3.4	0.50	mg/l	8021B	02/20/06	1000
Toluene	10.	5.0	mg/l	8021B	02/20/06	1000
Ethylbenzene	BDL	0.50	mg/l	8021B	02/20/06	1000
Total Xylene	5.1	1.5	mg/l	8021B	02/20/06	1000
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	97.		% Rec.	8021B	02/20/06	1000

Cheli Boucher

Cheli Boucher, ESC Representative

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-5
Collected By : Brad Stephenson
Collection Date : 02/13/06 14:55

ESC Sample # : L233690-19

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.18	0.12	mg/l	8021B	02/19/06	250
Toluene	BDL	1.2	mg/l	8021B	02/19/06	250
Ethylbenzene	0.14	0.12	mg/l	8021B	02/19/06	250
Total Xylene	0.44	0.38	mg/l	8021B	02/19/06	250
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/19/06	250

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-6
Collected By : Brad Stephenson
Collection Date : 02/13/06 13:25

ESC Sample # : L233690-14

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/18/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/18/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/18/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/18/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/18/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-7
Collected By : Brad Stephenson
Collection Date : 02/13/06 13:15

ESC Sample # : L233690-13

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/21/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/21/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/21/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/21/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	98.		% Rec.	8021B	02/21/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-8
Collected By : Brad Stephenson
Collection Date : 02/13/06 13:50

ESC Sample # : L233690-16

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/18/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/18/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/18/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/18/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/18/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant

Sample ID : MW-9

Collected By : Brad Stephenson
Collection Date : 02/13/06 14:10

ESC Sample # : L233690-17

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/18/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/18/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/18/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/18/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/18/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

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Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant

ESC Sample # : L233690-18

Sample ID : MW-10

Site ID :

Collected By : Brad Stephenson
Collection Date : 02/13/06 14:30

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/18/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/18/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/18/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/18/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/18/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 16, 2006
Description : Spindle Gas plant
Sample ID : MW-11
Collected By : B Stephenson
Collection Date : 02/15/06 09:55

ESC Sample # : L233938-03

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.00052	0.00050	mg/l	8021B	02/19/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/19/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/19/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	86.		% Rec.	8021B	02/19/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-12
Collected By : B Stephenson
Collection Date : 02/14/06 09:15

ESC Sample # : L233727-02

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/19/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/19/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/19/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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REPORT OF ANALYSIS

February 23, 2006

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-13
Collected By : B Stephenson
Collection Date : 02/14/06 09:00

ESC Sample # : L233727-01

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/19/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/19/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/19/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

February 23, 2006

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-14
Collected By : B Stephenson
Collection Date : 02/14/06 09:35

ESC Sample # : L233727-03

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/19/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/19/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/19/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-15
Collected By : B Stephenson
Collection Date : 02/14/06 09:50

ESC Sample # : L233727-04

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/19/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Total Xylene	0.0020	0.0015	mg/l	8021B	02/19/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/19/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-16
Collected By : B Stephenson
Collection Date : 02/14/06 11:45

ESC Sample # : L233727-09

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	2.0	0.012	mg/l	8021B	02/22/06	25
Toluene	BDL	0.12	mg/l	8021B	02/22/06	25
Ethylbenzene	0.017	0.012	mg/l	8021B	02/22/06	25
Total Xylene	0.26	0.038	mg/l	8021B	02/22/06	25
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	80.		% Rec.	8021B	02/22/06	25

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-17
Collected By : B Stephenson
Collection Date : 02/14/06 12:30

ESC Sample # : L233727-11

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	1.5	0.012	mg/l	8021B	02/21/06	25
Toluene	BDL	0.12	mg/l	8021B	02/21/06	25
Ethylbenzene	BDL	0.012	mg/l	8021B	02/21/06	25
Total Xylene	0.047	0.038	mg/l	8021B	02/21/06	25
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	91.		% Rec.	8021B	02/21/06	25

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-17D
Collected By : B Stephenson
Collection Date : 02/14/06 12:30

ESC Sample # : L233727-12

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	1.6	0.012	mg/l	8021B	02/21/06	25
Toluene	BDL	0.12	mg/l	8021B	02/21/06	25
Ethylbenzene	BDL	0.012	mg/l	8021B	02/21/06	25
Total Xylene	0.046	0.038	mg/l	8021B	02/21/06	25
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	90.		% Rec.	8021B	02/21/06	25

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-18
Collected By : Brad Stephenson
Collection Date : 02/13/06 12:45

ESC Sample # : L233690-11

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.34	0.0025	mg/l	8021B	02/21/06	5
Toluene	BDL	0.025	mg/l	8021B	02/21/06	5
Ethylbenzene	0.089	0.0025	mg/l	8021B	02/21/06	5
Total Xylene	0.52	0.0075	mg/l	8021B	02/21/06	5
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	79.		% Rec.	8021B	02/21/06	5

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

February 23, 2006

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-19
Collected By : B Stephenson
Collection Date : 02/14/06 12:05

ESC Sample # : L233727-10

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.23	0.0025	mg/l	8021B	02/23/06	5
Toluene	BDL	0.025	mg/l	8021B	02/23/06	5
Ethylbenzene	BDL	0.0025	mg/l	8021B	02/23/06	5
Total Xylene	1.9	0.0075	mg/l	8021B	02/23/06	5
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	91.		% Rec.	8021B	02/23/06	5

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-20
Collected By : B Stephenson
Collection Date : 02/14/06 11:20

ESC Sample # : L233727-08

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	2.6	0.025	mg/l	8021B	02/20/06	50
Toluene	0.37	0.25	mg/l	8021B	02/20/06	50
Ethylbenzene	0.49	0.025	mg/l	8021B	02/20/06	50
Total Xylene	2.1	0.075	mg/l	8021B	02/20/06	50
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	96.		% Rec.	8021B	02/20/06	50

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

February 22, 2006

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

Date Received : February 16, 2006
Description : Spindle Gas plant
Sample ID : MW-21
Collected By : B Stephenson
Collection Date : 02/15/06 09:15

ESC Sample # : L233938-02

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	2.5	0.025	mg/l	8021B	02/19/06	50
Toluene	0.46	0.25	mg/l	8021B	02/19/06	50
Ethylbenzene	0.079	0.025	mg/l	8021B	02/19/06	50
Total Xylene	2.7	0.075	mg/l	8021B	02/19/06	50
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	94.		% Rec.	8021B	02/19/06	50

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 16, 2006
Description : Spindle Gas plant
Sample ID : MW-22
Collected By : B Stephenson
Collection Date : 02/15/06 09:00

ESC Sample # : L233938-01

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.0029	0.00050	mg/l	8021B	02/19/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/19/06	1
Ethylbenzene	0.00085	0.00050	mg/l	8021B	02/19/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/19/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	92.		% Rec.	8021B	02/19/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

February 23, 2006

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-23
Collected By : B Stephenson
Collection Date : 02/14/06 10:40

ESC Sample # : L233727-06

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/19/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/19/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/19/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-24
Collected By : B Stephenson
Collection Date : 02/14/06 11:00

ESC Sample # : L233727-07

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/20/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/20/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/20/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-25
Collected By : Brad Stephenson
Collection Date : 02/13/06 12:30

ESC Sample # : L233690-10

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.031	0.0025	mg/l	8021B	02/21/06	5
Toluene	BDL	0.025	mg/l	8021B	02/21/06	5
Ethylbenzene	0.030	0.0025	mg/l	8021B	02/21/06	5
Total Xylene	1.5	0.0075	mg/l	8021B	02/21/06	5
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	84.		% Rec.	8021B	02/21/06	5

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 16, 2006
Description : Spindle Gas plant
Sample ID : MW-26
Collected By : B Stephenson
Collection Date : 02/15/06 13:00

ESC Sample # : L233938-04

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/21/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/21/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/21/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/21/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	86.		% Rec.	8021B	02/21/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-27
Collected By : Brad Stephenson
Collection Date : 02/13/06 13:00

ESC Sample # : L233690-12

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/21/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/21/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/21/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/21/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	98.		% Rec.	8021B	02/21/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-28
Collected By : B Stephenson
Collection Date : 02/14/06 10:15

ESC Sample # : L233727-05

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/19/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/19/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/19/06	1
Surrogate Recovery (77-118)						
a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/19/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-29
Collected By : Brad Stephenson
Collection Date : 02/13/06 12:10

ESC Sample # : L233690-09

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/20/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/20/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/20/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-30
Collected By : Brad Stephenson
Collection Date : 02/13/06 11:55

ESC Sample # : L233690-08

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/20/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/20/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/20/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-31
Collected By : Brad Stephenson
Collection Date : 02/13/06 11:15

ESC Sample # : L233690-06

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.11	0.00050	mg/l	8021B	02/21/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/21/06	1
Ethylbenzene	0.12	0.00050	mg/l	8021B	02/21/06	1
Total Xylene	0.11	0.0015	mg/l	8021B	02/21/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	88.		% Rec.	8021B	02/21/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-32
Collected By : Brad Stephenson
Collection Date : 02/13/06 10:35

ESC Sample # : L233690-04

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	2.9	0.25	mg/l	8021B	02/20/06	500
Toluene	BDL	2.5	mg/l	8021B	02/20/06	500
Ethylbenzene	0.37	0.25	mg/l	8021B	02/20/06	500
Total Xylene	3.6	0.75	mg/l	8021B	02/20/06	500
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	97.		% Rec.	8021B	02/20/06	500

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 23, 2006

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-33
Collected By : B Stephenson
Collection Date : 02/14/06 12:45

ESC Sample # : L233727-13

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.46	0.050	mg/l	8021B	02/21/06	100
Toluene	BDL	0.50	mg/l	8021B	02/21/06	100
Ethylbenzene	0.056	0.050	mg/l	8021B	02/21/06	100
Total Xylene	1.3	0.15	mg/l	8021B	02/21/06	100
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	92.		% Rec.	8021B	02/21/06	100

Cheli Boucher

Cheli Boucher, ESC Representative

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REPORT OF ANALYSIS

February 23, 2006

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

Date Received : February 15, 2006
Description : Spindle
Sample ID : MW-34
Collected By : B Stephenson
Collection Date : 02/14/06 13:00

ESC Sample # : L233727-14

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.0056	0.00050	mg/l	8021B	02/21/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/21/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/21/06	1
Total Xylene	0.0019	0.0015	mg/l	8021B	02/21/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	94.		% Rec.	8021B	02/21/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant

Sample ID : MW-35

Collected By : Brad Stephenson
Collection Date : 02/13/06 10:20

ESC Sample # : L233690-02

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.00050	0.00050	mg/l	8021B	02/20/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/20/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/20/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	96.		% Rec.	8021B	02/20/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-35D
Collected By : Brad Stephenson
Collection Date : 02/13/06 10:20

ESC Sample # : L233690-03

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.00060	0.00050	mg/l	8021B	02/20/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/20/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/20/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	96.		% Rec.	8021B	02/20/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Cordilleran Compliance Services - C
5550 Marshall St.
Arvada, CO 80002

March 01, 2006

Date Received : February 22, 2006
Description : DEFS Spindle Plant
Sample ID : MW-36
Collected By : MB
Collection Date : 02/21/06 11:30

ESC Sample # : L234541-01

Site ID :

Project # : E04032 TASK 2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.86	0.0050	mg/l	8021B	02/28/06	10
Toluene	0.74	0.050	mg/l	8021B	02/28/06	10
Ethylbenzene	0.27	0.0050	mg/l	8021B	02/28/06	10
Total Xylene	2.1	0.015	mg/l	8021B	02/28/06	10
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/28/06	10

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

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Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Note:

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Est. 1970

REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant

Sample ID : MW-37

Collected By : Brad Stephenson
Collection Date : 02/13/06 11:35

ESC Sample # : L233690-07

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/20/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/20/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	97.		% Rec.	8021B	02/20/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-38
Collected By : Brad Stephenson
Collection Date : 02/13/06 10:50

ESC Sample # : L233690-05

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.96	0.012	mg/l	8021B	02/21/06	25
Toluene	BDL	0.12	mg/l	8021B	02/21/06	25
Ethylbenzene	0.19	0.012	mg/l	8021B	02/21/06	25
Total Xylene	0.70	0.038	mg/l	8021B	02/21/06	25
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	99.		% Rec.	8021B	02/21/06	25

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

February 22, 2006

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

Date Received : February 15, 2006
Description : Spindle Gas Plant

Sample ID : MW-39

Collected By : Brad Stephenson
Collection Date : 02/13/06 13:40

ESC Sample # : L233690-15

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/18/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/18/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/18/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/18/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/18/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

February 22, 2006

Date Received : February 15, 2006
Description : Spindle Gas Plant
Sample ID : MW-44
Collected By : Brad Stephenson
Collection Date : 02/13/06 10:00

ESC Sample # : L233690-01

Site ID :

Project # : 04032-2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Toluene	BDL	0.0050	mg/l	8021B	02/20/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021B	02/20/06	1
Total Xylene	BDL	0.0015	mg/l	8021B	02/20/06	1
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	96.		% Rec.	8021B	02/20/06	1

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
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Note:

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Reported: 02/22/06 13:27 Printed: 02/22/06 13:28

Summary of Remarks For Samples Printed
02/22/06 at 13:28:25

TSR Signing Reports: 070
R5 - Desired TAT

cb-7/13/04 QC2 on all projects

Sample: L233690-01 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-02 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-03 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-04 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-05 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-06 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-07 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-08 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-09 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-10 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-11 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-12 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-13 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-14 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-15 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-16 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-17 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-18 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
Sample: L233690-19 Account: DUKCORCO Received: 02/15/06 09:00 Due Date: 02/22/06 00:00 RPT Date: 02/22/06 13:27
250x dilution



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Mr. Brad Stephenson
5550 Marshall St.

Quality Assurance Report Level II

Arvada, CO 80002

L233690

February 22, 2006

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
Benzene	< .0005	mg/l		02/18/06 20:01	WG239244
Ethylbenzene	< .0005	mg/l		02/18/06 20:01	WG239244
Toluene	< .005	mg/l		02/18/06 20:01	WG239244
Total Xylene	< .0015	mg/l		02/18/06 20:01	WG239244
Benzene	< .0005	mg/l		02/20/06 11:02	WG239366
Ethylbenzene	< .0005	mg/l		02/20/06 11:02	WG239366
Toluene	< .005	mg/l		02/20/06 11:02	WG239366
Total Xylene	< .0015	mg/l		02/20/06 11:02	WG239366
Benzene	< .0005	mg/l		02/20/06 14:10	WG239380
Ethylbenzene	< .0005	mg/l		02/20/06 14:10	WG239380
Toluene	< .005	mg/l		02/20/06 14:10	WG239380
Total Xylene	< .0015	mg/l		02/20/06 14:10	WG239380
Benzene	< .0005	mg/l		02/21/06 09:38	WG239493
Ethylbenzene	< .0005	mg/l		02/21/06 09:38	WG239493
Toluene	< .005	mg/l		02/21/06 09:38	WG239493
Total Xylene	< .0015	mg/l		02/21/06 09:38	WG239493
Benzene	< .0005	mg/l		02/21/06 10:24	WG239500
Ethylbenzene	< .0005	mg/l		02/21/06 10:24	WG239500
Toluene	< .005	mg/l		02/21/06 10:24	WG239500
Total Xylene	< .0015	mg/l		02/21/06 10:24	WG239500

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/l	.0248	0.0246	99.0	63-121	WG239244
Ethylbenzene	mg/l	.0372	0.0380	102.	68-125	WG239244
Toluene	mg/l	.1856	0.195	105.	68-114	WG239244
Total Xylene	mg/l	.216	0.221	102.	76-118	WG239244
Benzene	mg/l	.0248	0.0237	95.0	63-121	WG239366
Ethylbenzene	mg/l	.0372	0.0362	97.0	68-125	WG239366
Toluene	mg/l	.1856	0.180	97.0	68-114	WG239366
Total Xylene	mg/l	.216	0.208	96.0	76-118	WG239366
Benzene	mg/l	.0248	0.0224	90.0	63-121	WG239380
Ethylbenzene	mg/l	.0372	0.0368	99.0	68-125	WG239380
Toluene	mg/l	.1856	0.180	97.0	68-114	WG239380
Total Xylene	mg/l	.216	0.212	98.0	76-118	WG239380
Benzene	mg/l	.0248	0.0226	91.0	63-121	WG239493
Ethylbenzene	mg/l	.0372	0.0366	98.0	68-125	WG239493
Toluene	mg/l	.1856	0.181	98.0	68-114	WG239493
Total Xylene	mg/l	.216	0.212	98.0	76-118	WG239493
Benzene	mg/l	.0248	0.0202	82.0	63-121	WG239500
Ethylbenzene	mg/l	.0372	0.0326	88.0	68-125	WG239500
Toluene	mg/l	.1856	0.159	86.0	68-114	WG239500
Total Xylene	mg/l	.216	0.188	87.0	76-118	WG239500

Analyte	Units	Laboratory Control Sample Duplicate				Limit	%Rec	Batch
		LCSD Res	Ref Res	RPD				
Benzene	mg/l	0.0233	0.0246	5.20	20	94		WG239244
Ethylbenzene	mg/l	0.0383	0.0380	0.599	20	103		WG239244
Toluene	mg/l	0.195	0.195	0.0166	20	105		WG239244
Total Xylene	mg/l	0.221	0.221	0.0269	14	102		WG239244



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Quality Assurance Report Level II

Arvada, CO 80002

L233690

February 22, 2006

Analyte	Laboratory Control Sample Duplicate				Limit	%Rec	Batch
	Units	LCSD Res	Ref Res	RPD			
Benzene	mg/l	0.0222	0.0237	6.27	20	90	WG239366
Ethylbenzene	mg/l	0.0341	0.0362	5.87	20	92	WG239366
Toluene	mg/l	0.171	0.180	5.38	20	92	WG239366
Total Xylene	mg/l	0.197	0.208	5.40	14	91	WG239366
Benzene	mg/l	0.0228	0.0224	1.66	20	92	WG239380
Ethylbenzene	mg/l	0.0376	0.0368	2.11	20	101	WG239380
Toluene	mg/l	0.183	0.180	2.10	20	99	WG239380
Total Xylene	mg/l	0.217	0.212	2.63	14	101	WG239380
Benzene	mg/l	0.0234	0.0226	3.63	20	94	WG239493
Ethylbenzene	mg/l	0.0381	0.0366	4.02	20	103	WG239493
Toluene	mg/l	0.187	0.181	3.12	20	101	WG239493
Total Xylene	mg/l	0.220	0.212	3.56	14	102	WG239493
Benzene	mg/l	0.0209	0.0202	3.38	20	84	WG239500
Ethylbenzene	mg/l	0.0332	0.0326	2.00	20	89	WG239500
Toluene	mg/l	0.163	0.159	2.80	20	88	WG239500
Total Xylene	mg/l	0.192	0.188	2.28	14	89	WG239500

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
Benzene	mg/l	0.0223	0.00	.0248	90.0	68-135	L233763-05	WG239244
Ethylbenzene	mg/l	0.0368	0.00	.0372	99.0	61-122	L233763-05	WG239244
Toluene	mg/l	0.187	0.00	.1856	101.	60-116	L233763-05	WG239244
Total Xylene	mg/l	0.215	0.00	.216	100.	68-120	L233763-05	WG239244
Benzene	mg/l	0.0219	0.00	.0248	88.0	68-135	L233690-01	WG239366
Ethylbenzene	mg/l	0.0330	0.00	.0372	89.0	61-122	L233690-01	WG239366
Toluene	mg/l	0.168	0.00	.1856	91.0	60-116	L233690-01	WG239366
Total Xylene	mg/l	0.190	0.00	.216	88.0	68-120	L233690-01	WG239366
Benzene	mg/l	0.0222	0.00	.0248	89.0	68-135	L233690-13	WG239380
Ethylbenzene	mg/l	0.0366	0.00	.0372	98.0	61-122	L233690-13	WG239380
Toluene	mg/l	0.178	0.00	.1856	96.0	60-116	L233690-13	WG239380
Total Xylene	mg/l	0.207	0.00	.216	96.0	68-120	L233690-13	WG239380
Benzene	mg/l	0.0229	0.00	.0248	92.0	68-135	L234040-02	WG239493
Ethylbenzene	mg/l	0.0363	0.00	.0372	98.0	61-122	L234040-02	WG239493
Toluene	mg/l	0.180	0.00	.1856	97.0	60-116	L234040-02	WG239493
Total Xylene	mg/l	0.209	0.00	.216	97.0	68-120	L234040-02	WG239493
Benzene	mg/l	0.0209	0.00	.0248	84.0	68-135	L234147-12	WG239500
Ethylbenzene	mg/l	0.0322	0.00	.0372	87.0	61-122	L234147-12	WG239500
Toluene	mg/l	0.161	0.00	.1856	87.0	60-116	L234147-12	WG239500
Total Xylene	mg/l	0.186	0.00	.216	86.0	68-120	L234147-12	WG239500

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
Benzene	mg/l	0.0241	0.0223	7.66	20	97.0	L233763-05	WG239244
Ethylbenzene	mg/l	0.0370	0.0368	0.549	20	99.0	L233763-05	WG239244
Toluene	mg/l	0.188	0.187	0.674	20	102.	L233763-05	WG239244
Total Xylene	mg/l	0.212	0.215	1.64	24	98.0	L233763-05	WG239244
Benzene	mg/l	0.0228	0.0219	4.41	20	92.0	L233690-01	WG239366
Ethylbenzene	mg/l	0.0348	0.0330	5.44	20	94.0	L233690-01	WG239366
Toluene	mg/l	0.176	0.168	4.77	20	95.0	L233690-01	WG239366



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Quality Assurance Report
Level II

Arvada, CO 80002

L233690

February 22, 2006

Total Xylene mg/l 0.200 0.190 5.23 24 93.0 L233690-01 WG239366

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
Benzene	mg/l	0.0229	0.0222	3.36	20	92.0	L233690-13	WG239380
Ethylbenzene	mg/l	0.0374	0.0366	2.15	20	100.	L233690-13	WG239380
Toluene	mg/l	0.183	0.178	3.17	20	99.0	L233690-13	WG239380
Total Xylene	mg/l	0.212	0.207	2.30	24	98.0	L233690-13	WG239380
Benzene	mg/l	0.0232	0.0229	1.21	20	94.0	L234040-02	WG239493
Ethylbenzene	mg/l	0.0370	0.0363	1.86	20	99.0	L234040-02	WG239493
Toluene	mg/l	0.184	0.180	1.87	20	99.0	L234040-02	WG239493
Total Xylene	mg/l	0.213	0.209	2.03	24	99.0	L234040-02	WG239493
Benzene	mg/l	0.0197	0.0209	5.88	20	79.0	L234147-12	WG239500
Ethylbenzene	mg/l	0.0302	0.0322	6.25	20	81.0	L234147-12	WG239500
Toluene	mg/l	0.152	0.161	5.65	20	82.0	L234147-12	WG239500
Total Xylene	mg/l	0.176	0.186	5.83	24	81.0	L234147-12	WG239500

Batch number / Run number / Sample number cross reference

WG239244: R265707: L233690-14 15 16 17 18 19
WG239366: R265732: L233690-01 02 03 04
WG239380: R265825: L233690-07 08 09 12 13
WG239500: R265907: L233690-06 10 11
WG239493: R265928: L233690-05

* * Calculations are performed prior to rounding of reported values .



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Quality Assurance Report
Level II

Arvada, CO 80002

L233690

February 22, 2006

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Summary of Remarks For Samples Printed
02/23/06 at 14:14:39

TSR Signing Reports: 070
R5 - Desired TAT

cb-7/13/04 QC2 on all projects

Sample: L233727-01	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-02	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-03	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-04	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-05	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-06	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-07	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-08	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-09	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-10	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-11	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-12	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-13	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-14	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-15	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-16	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-17	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12
Sample: L233727-18	Account: DUKCORCO	Received: 02/15/06 09:00	Due Date: 02/22/06 00:00	RPT Date: 02/23/06 14:12



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Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
Benzene	< .0005	mg/l	02/18/06 20:01	WG239244	
Ethylbenzene	< .0005	mg/l	02/18/06 20:01	WG239244	
Toluene	< .005	mg/l	02/18/06 20:01	WG239244	
Total Xylene	< .0015	mg/l	02/18/06 20:01	WG239244	
Benzene	< .0005	mg/l	02/19/06 23:17	WG239259	
Ethylbenzene	< .0005	mg/l	02/19/06 23:17	WG239259	
Toluene	< .005	mg/l	02/19/06 23:17	WG239259	
Total Xylene	< .0015	mg/l	02/19/06 23:17	WG239259	
Benzene	< .0005	mg/l	02/20/06 12:47	WG239367	
Ethylbenzene	< .0005	mg/l	02/20/06 12:47	WG239367	
Toluene	< .005	mg/l	02/20/06 12:47	WG239367	
Total Xylene	< .0015	mg/l	02/20/06 12:47	WG239367	
Benzene	< .0005	mg/l	02/20/06 14:10	WG239380	
Ethylbenzene	< .0005	mg/l	02/20/06 14:10	WG239380	
Toluene	< .005	mg/l	02/20/06 14:10	WG239380	
Total Xylene	< .0015	mg/l	02/20/06 14:10	WG239380	
Benzene	< .0005	mg/l	02/20/06 15:14	WG239393	
Ethylbenzene	< .0005	mg/l	02/20/06 15:14	WG239393	
Toluene	< .005	mg/l	02/20/06 15:14	WG239393	
Total Xylene	< .0015	mg/l	02/20/06 15:14	WG239393	
Benzene	< .0005	mg/l	02/21/06 09:56	WG239527	
Ethylbenzene	< .0005	mg/l	02/21/06 09:56	WG239527	
Toluene	< .005	mg/l	02/21/06 09:56	WG239527	
Total Xylene	< .0015	mg/l	02/21/06 09:56	WG239527	
Benzene	< .0005	mg/l	02/21/06 09:15	WG239573	
Ethylbenzene	< .0005	mg/l	02/21/06 09:15	WG239573	
Toluene	< .005	mg/l	02/21/06 09:15	WG239573	
Total Xylene	< .0015	mg/l	02/21/06 09:15	WG239573	
Benzene	< .0005	mg/l	02/22/06 09:52	WG239703	
Ethylbenzene	< .0005	mg/l	02/22/06 09:52	WG239703	
Toluene	< .005	mg/l	02/22/06 09:52	WG239703	
Total Xylene	< .0015	mg/l	02/22/06 09:52	WG239703	
Benzene	< .0005	mg/l	02/23/06 04:16	WG239710	
Ethylbenzene	< .0005	mg/l	02/23/06 04:16	WG239710	
Toluene	< .005	mg/l	02/23/06 04:16	WG239710	
Total Xylene	< .0015	mg/l	02/23/06 04:16	WG239710	

Analyte	Laboratory Control		Sample Result	% Rec	Limit	Batch
	Units	Known Val				
Benzene	mg/l	.0248	0.0246	99.0	63-121	WG239244
Ethylbenzene	mg/l	.0372	0.0380	102.	68-125	WG239244
Toluene	mg/l	.1856	0.195	105.	68-114	WG239244
Total Xylene	mg/l	.216	0.221	102.	76-118	WG239244
Benzene	mg/l	.0248	0.0233	94.0	63-121	WG239259
Ethylbenzene	mg/l	.0372	0.0295	79.0	68-125	WG239259
Toluene	mg/l	.1856	0.180	97.0	68-114	WG239259
Total Xylene	mg/l	.216	0.207	96.0	76-118	WG239259
Benzene	mg/l	.0248	0.0243	98.0	63-121	WG239367
Ethylbenzene	mg/l	.0372	0.0316	85.0	68-125	WG239367



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Toluene	mg/l	.1856	0.190	102.	68-114	WG239367
Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Total Xylene	mg/l	.216	0.222	103.	76-118	WG239367
Benzene	mg/l	.0248	0.0224	90.0	63-121	WG239380
Ethylbenzene	mg/l	.0372	0.0368	99.0	68-125	WG239380
Toluene	mg/l	.1856	0.180	97.0	68-114	WG239380
Total Xylene	mg/l	.216	0.212	98.0	76-118	WG239380
Benzene	mg/l	.0248	0.0239	96.0	63-121	WG239393
Ethylbenzene	mg/l	.0372	0.0407	109.	68-125	WG239393
Toluene	mg/l	.1856	0.202	109.	68-114	WG239393
Total Xylene	mg/l	.216	0.235	109.	76-118	WG239393
Benzene	mg/l	.0248	0.0239	96.0	63-121	WG239527
Ethylbenzene	mg/l	.0372	0.0388	104.	68-125	WG239527
Toluene	mg/l	.1856	0.193	104.	68-114	WG239527
Total Xylene	mg/l	.216	0.224	104.	76-118	WG239527
Benzene	mg/l	.0248	0.0249	100.	63-121	WG239573
Ethylbenzene	mg/l	.0372	0.0367	99.0	68-125	WG239573
Toluene	mg/l	.1856	0.193	104.	68-114	WG239573
Total Xylene	mg/l	.216	0.222	103.	76-118	WG239573
Benzene	mg/l	.0248	0.0236	95.0	63-121	WG239703
Ethylbenzene	mg/l	.0372	0.0339	91.0	68-125	WG239703
Toluene	mg/l	.1856	0.166	89.0	68-114	WG239703
Total Xylene	mg/l	.216	0.196	91.0	76-118	WG239703
Benzene	mg/l	.0248	0.0251	101.	63-121	WG239710
Ethylbenzene	mg/l	.0372	0.0317	85.0	68-125	WG239710
Toluene	mg/l	.1856	0.193	104.	68-114	WG239710
Total Xylene	mg/l	.216	0.222	103.	76-118	WG239710

Analyte	Units	Laboratory Control LCSD Res	Sample Ref Res	Duplicate RPD	Limit	%Rec	Batch
Benzene	mg/l	0.0233	0.0246	5.20	20	94	WG239244
Ethylbenzene	mg/l	0.0383	0.0380	0.599	20	103	WG239244
Toluene	mg/l	0.195	0.195	0.0166	20	105	WG239244
Total Xylene	mg/l	0.221	0.221	0.0269	14	102	WG239244
Benzene	mg/l	0.0236	0.0233	1.14	20	95	WG239259
Ethylbenzene	mg/l	0.0297	0.0295	0.615	20	80	WG239259
Toluene	mg/l	0.183	0.180	1.55	20	98	WG239259
Total Xylene	mg/l	0.210	0.207	1.20	14	97	WG239259
Benzene	mg/l	0.0256	0.0243	5.06	20	103	WG239367
Ethylbenzene	mg/l	0.0333	0.0316	5.27	20	89	WG239367
Toluene	mg/l	0.199	0.190	4.63	20	107	WG239367
Total Xylene	mg/l	0.233	0.222	4.62	14	108	WG239367
Benzene	mg/l	0.0228	0.0224	1.66	20	92	WG239380
Ethylbenzene	mg/l	0.0376	0.0368	2.11	20	101	WG239380
Toluene	mg/l	0.183	0.180	2.10	20	99	WG239380
Total Xylene	mg/l	0.217	0.212	2.63	14	101	WG239380
Benzene	mg/l	0.0226	0.0239	5.66	20	91	WG239393
Ethylbenzene	mg/l	0.0379	0.0407	7.05	20	102	WG239393
Toluene	mg/l	0.189	0.202	6.65	20	102	WG239393
Total Xylene	mg/l	0.220	0.235	6.86	14	102	WG239393



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Analyte	Laboratory Control Sample Duplicate				Limit	%Rec	Batch
	Units	LCSD Res	Ref Res	RPD			
Benzene	mg/l	0.0252	0.0239	5.50	20	102	WG239527
Ethylbenzene	mg/l	0.0412	0.0388	6.03	20	111	WG239527
Toluene	mg/l	0.204	0.193	5.46	20	110	WG239527
Total Xylene	mg/l	0.238	0.224	5.84	14	110	WG239527
Benzene	mg/l	0.0258	0.0249	3.43	20	104	WG239573
Ethylbenzene	mg/l	0.0378	0.0367	2.96	20	102	WG239573
Toluene	mg/l	0.196	0.193	1.66	20	105	WG239573
Total Xylene	mg/l	0.228	0.222	2.76	14	106	WG239573
Benzene	mg/l	0.0224	0.0236	4.98	20	90	WG239703
Ethylbenzene	mg/l	0.0320	0.0339	5.64	20	86	WG239703
Toluene	mg/l	0.158	0.166	4.47	20	85	WG239703
Total Xylene	mg/l	0.187	0.196	4.78	14	87	WG239703
Benzene	mg/l	0.0253	0.0251	1.05	20	102	WG239710
Ethylbenzene	mg/l	0.0319	0.0317	0.561	20	86	WG239710
Toluene	mg/l	0.195	0.193	0.811	20	105	WG239710
Total Xylene	mg/l	0.224	0.222	0.918	14	104	WG239710

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
Benzene	mg/l	0.0223	0.00	.0248	90.0	68-135	L233763-05	WG239244
Ethylbenzene	mg/l	0.0368	0.00	.0372	99.0	61-122	L233763-05	WG239244
Toluene	mg/l	0.187	0.00	.1856	101.	60-116	L233763-05	WG239244
Total Xylene	mg/l	0.215	0.00	.216	100.	68-120	L233763-05	WG239244
Benzene	mg/l	0.0232	0.00	.0248	94.0	68-135	L233566-05	WG239367
Ethylbenzene	mg/l	0.0293	0.00	.0372	79.0	61-122	L233566-05	WG239367
Toluene	mg/l	0.178	0.00	.1856	96.0	60-116	L233566-05	WG239367
Total Xylene	mg/l	0.205	0.00	.216	95.0	68-120	L233566-05	WG239367
Benzene	mg/l	0.0222	0.00	.0248	89.0	68-135	L233690-13	WG239380
Ethylbenzene	mg/l	0.0366	0.00	.0372	98.0	61-122	L233690-13	WG239380
Toluene	mg/l	0.178	0.00	.1856	96.0	60-116	L233690-13	WG239380
Total Xylene	mg/l	0.207	0.00	.216	96.0	68-120	L233690-13	WG239380
Benzene	mg/l	0.0219	0.0008	.0248	85.0	68-135	L234147-02	WG239393
Ethylbenzene	mg/l	0.0362	0.0005	.0372	96.0	61-122	L234147-02	WG239393
Toluene	mg/l	0.184	0.00	.1856	99.0	60-116	L234147-02	WG239393
Total Xylene	mg/l	0.212	0.0022	.216	97.0	68-120	L234147-02	WG239393
Benzene	mg/l	0.0218	0.00	.0248	88.0	68-135	L234155-01	WG239527
Ethylbenzene	mg/l	0.0364	0.00	.0372	98.0	61-122	L234155-01	WG239527
Toluene	mg/l	0.185	0.00	.1856	100.	60-116	L234155-01	WG239527
Total Xylene	mg/l	0.214	0.00	.216	99.0	68-120	L234155-01	WG239527
Benzene	mg/l	0.0195	0.00	.0248	79.0	68-135	L233832-09	WG239703
Ethylbenzene	mg/l	0.0308	0.00	.0372	83.0	61-122	L233832-09	WG239703
Toluene	mg/l	0.152	0.00	.1856	82.0	60-116	L233832-09	WG239703
Total Xylene	mg/l	0.176	0.00	.216	82.0	68-120	L233832-09	WG239703

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
Benzene	mg/l	0.0241	0.0223	7.66	20	97.0	L233763-05	WG239244
Ethylbenzene	mg/l	0.0370	0.0368	0.549	20	99.0	L233763-05	WG239244
Toluene	mg/l	0.188	0.187	0.674	20	102.	L233763-05	WG239244



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Total Xylene mg/l 0.212 0.215 1.64 24 98.0 L233763-05 WG239244

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
Benzene	mg/l	0.0254	0.0232	8.91	20	102.	L233566-05	WG239367
Ethylbenzene	mg/l	0.0322	0.0293	9.29	20	87.0	L233566-05	WG239367
Toluene	mg/l	0.194	0.178	8.87	20	105.	L233566-05	WG239367
Total Xylene	mg/l	0.224	0.205	8.91	24	104.	L233566-05	WG239367
Benzene	mg/l	0.0229	0.0222	3.36	20	92.0	L233690-13	WG239380
Ethylbenzene	mg/l	0.0374	0.0366	2.15	20	100.	L233690-13	WG239380
Toluene	mg/l	0.183	0.178	3.17	20	99.0	L233690-13	WG239380
Total Xylene	mg/l	0.212	0.207	2.30	24	98.0	L233690-13	WG239380
Benzene	mg/l	0.0233	0.0219	6.28	20	91.0	L234147-02	WG239393
Ethylbenzene	mg/l	0.0371	0.0362	2.52	20	98.0	L234147-02	WG239393
Toluene	mg/l	0.186	0.184	0.871	20	100.	L234147-02	WG239393
Total Xylene	mg/l	0.216	0.212	1.86	24	99.0	L234147-02	WG239393
Benzene	mg/l	0.0215	0.0218	1.58	20	87.0	L234155-01	WG239527
Ethylbenzene	mg/l	0.0353	0.0364	2.92	20	95.0	L234155-01	WG239527
Toluene	mg/l	0.180	0.185	2.62	20	97.0	L234155-01	WG239527
Total Xylene	mg/l	0.207	0.214	3.28	24	96.0	L234155-01	WG239527
Benzene	mg/l	0.0198	0.0195	1.61	20	80.0	L233832-09	WG239703
Ethylbenzene	mg/l	0.0316	0.0308	2.32	20	85.0	L233832-09	WG239703
Toluene	mg/l	0.156	0.152	2.73	20	84.0	L233832-09	WG239703
Total Xylene	mg/l	0.184	0.176	4.25	24	85.0	L233832-09	WG239703

Batch number /Run number / Sample number cross reference

WG239259: R265699: L233727-07
WG239244: R265707: L233727-01 02 03 04 05 06
WG239380: R265825: L233727-15
WG239367: R265848: L233727-08
WG239393: R265865: L233727-17 18
WG239527: R265959: L233727-16
WG239573: R265988: L233727-11 12 13 14
WG239703: R266048: L233727-09
WG239710: R266205: L233727-10

* * Calculations are performed prior to rounding of reported values .



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The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L233938-01	Benzene	J5J3
	Toluene	J6J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

Control Limits				(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromofluoromethane	68-128 64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115 69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127 61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
02/22/06 at 17:46:40

TSR Signing Reports: 070
R5 - Desired TAT

cb-7/13/04 QC2 on all projects

Sample: L233938-01 Account: DUKCORCO Received: 02/16/06 09:00 Due Date: 02/20/06 00:00 RPT Date: 02/22/06 17:46
Changed due date, client wants results ASAP to determine resamples needed-cb 2/17
Sample: L233938-02 Account: DUKCORCO Received: 02/16/06 09:00 Due Date: 02/20/06 00:00 RPT Date: 02/22/06 17:46
Changed due date, client wants results ASAP to determine resamples needed-cb 2/17
Sample: L233938-03 Account: DUKCORCO Received: 02/16/06 09:00 Due Date: 02/23/06 00:00 RPT Date: 02/22/06 17:46
Sample: L233938-04 Account: DUKCORCO Received: 02/16/06 09:00 Due Date: 02/23/06 00:00 RPT Date: 02/22/06 17:46



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Duke Energy Cordilleran Compliance
Mr. Brad Stephenson
5550 Marshall St.

Quality Assurance Report Level II

Arvada, CO 80002

L233938

February 22, 2006

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
Benzene	< .0005	mg/l		02/19/06 00:27	WG239204
Ethylbenzene	< .0005	mg/l		02/19/06 00:27	WG239204
Toluene	< .005	mg/l		02/19/06 00:27	WG239204
Total Xylene	< .0015	mg/l		02/19/06 00:27	WG239204
Benzene	< .0005	mg/l		02/19/06 15:01	WG239269
Ethylbenzene	< .0005	mg/l		02/19/06 15:01	WG239269
Toluene	< .005	mg/l		02/19/06 15:01	WG239269
Total Xylene	< .0015	mg/l		02/19/06 15:01	WG239269
Benzene	< .0005	mg/l		02/21/06 10:24	WG239500
Ethylbenzene	< .0005	mg/l		02/21/06 10:24	WG239500
Toluene	< .005	mg/l		02/21/06 10:24	WG239500
Total Xylene	< .0015	mg/l		02/21/06 10:24	WG239500

Analyte	Units	Laboratory Control		Sample Result	% Rec	Limit	Batch
		Known	Val				
Benzene	mg/l	.0248		0.0228	92.0	63-121	WG239204
Ethylbenzene	mg/l	.0372		0.0343	92.0	68-125	WG239204
Toluene	mg/l	.1856		0.175	94.0	68-114	WG239204
Total Xylene	mg/l	.216		0.197	91.0	76-118	WG239204
Benzene	mg/l	.0248		0.0198	80.0	63-121	WG239269
Ethylbenzene	mg/l	.0372		0.0325	87.0	68-125	WG239269
Toluene	mg/l	.1856		0.159	85.0	68-114	WG239269
Total Xylene	mg/l	.216		0.188	87.0	76-118	WG239269
Benzene	mg/l	.0248		0.0202	82.0	63-121	WG239500
Ethylbenzene	mg/l	.0372		0.0326	88.0	68-125	WG239500
Toluene	mg/l	.1856		0.159	86.0	68-114	WG239500
Total Xylene	mg/l	.216		0.188	87.0	76-118	WG239500

Analyte	Units	Laboratory Control		Sample	Duplicate	Limit	%Rec	Batch
		LCSD	Res	Ref	RPD			
Benzene	mg/l	0.0245		0.0228	6.98	20	99	WG239204
Ethylbenzene	mg/l	0.0370		0.0343	7.66	20	99	WG239204
Toluene	mg/l	0.188		0.175	7.05	20	101	WG239204
Total Xylene	mg/l	0.213		0.197	7.51	14	99	WG239204
Benzene	mg/l	0.0211		0.0198	6.37	20	85	WG239269
Ethylbenzene	mg/l	0.0298		0.0325	8.52	20	80	WG239269
Toluene	mg/l	0.148		0.159	6.67	20	80	WG239269
Total Xylene	mg/l	0.174		0.188	7.76	14	81	WG239269
Benzene	mg/l	0.0209		0.0202	3.38	20	84	WG239500
Ethylbenzene	mg/l	0.0332		0.0326	2.00	20	89	WG239500
Toluene	mg/l	0.163		0.159	2.80	20	88	WG239500
Total Xylene	mg/l	0.192		0.188	2.28	14	89	WG239500

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS	Res	Ref				
Benzene	mg/l	0.0340		0.0029	.0248	125.	68-135	L233938-01 WG239204
Ethylbenzene	mg/l	0.0306		0.0008	.0372	80.0	61-122	L233938-01 WG239204
Toluene	mg/l	0.108		0.00	.1856	58.0	60-116	L233938-01 WG239204
Total Xylene	mg/l	0.173		0.00	.216	80.0	68-120	L233938-01 WG239204
Benzene	mg/l	0.0209		0.00	.0248	84.0	68-135	L234147-12 WG239500



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Arvada, CO 80002

L233938

February 22, 2006

Ethylbenzene	mg/l	0.0322	0.00	.0372	87.0	61-122	L234147-12	WG239500
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Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
Toluene	mg/l	0.161	0.00	.1856	87.0	60-116	L234147-12	WG239500
Total Xylene	mg/l	0.186	0.00	.216	86.0	68-120	L234147-12	WG239500

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
Benzene	mg/l	0.0417	0.0340	20.4	20	157.	L233938-01	WG239204
Ethylbenzene	mg/l	0.0305	0.0306	0.356	20	80.0	L233938-01	WG239204
Toluene	mg/l	0.136	0.108	22.9	20	73.0	L233938-01	WG239204
Total Xylene	mg/l	0.185	0.173	6.21	24	85.0	L233938-01	WG239204
Benzene	mg/l	0.0197	0.0209	5.88	20	79.0	L234147-12	WG239500
Ethylbenzene	mg/l	0.0302	0.0322	6.25	20	81.0	L234147-12	WG239500
Toluene	mg/l	0.152	0.161	5.65	20	82.0	L234147-12	WG239500
Total Xylene	mg/l	0.176	0.186	5.83	24	81.0	L234147-12	WG239500

Batch number /Run number / Sample number cross reference

WG239204: R265639: L233938-01 02
WG239269: R265806: L233938-03
WG239500: R265907: L233938-04

* * Calculations are performed prior to rounding of reported values .



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Quality Assurance Report
Level II

Arvada, CO 80002

L233938

February 22, 2006

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



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REPORT OF ANALYSIS

Mr. Brad Stephenson
Cordilleran Compliance Services - C
5550 Marshall St.
Arvada, CO 80002

March 01, 2006

Date Received : February 22, 2006
Description : DEFS Spindle Plant
Sample ID : MW-36
Collected By : MB
Collection Date : 02/21/06 11:30

ESC Sample # : L234541-01

Site ID :

Project # : E04032 TASK 2

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.86	0.0050	mg/l	8021B	02/28/06	10
Toluene	0.74	0.050	mg/l	8021B	02/28/06	10
Ethylbenzene	0.27	0.0050	mg/l	8021B	02/28/06	10
Total Xylene	2.1	0.015	mg/l	8021B	02/28/06	10
Surrogate Recovery (77-118) a,a,a-Trifluorotoluene	100		% Rec.	8021B	02/28/06	10

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 03/01/06 09:37 Printed: 03/01/06 09:37

Summary of Remarks For Samples Printed
03/01/06 at 09:37:17

TSR Signing Reports: 070

Watch dilutions on PAH - client needs to see 0.041 ppm on soils

Sample: L234541-01 Account: CORCOMCO Received: 02/22/06 09:00 Due Date: 03/01/06 00:00 RPT Date: 03/01/06 09:37



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Cordilleran Compliance Services - CO
Mr. Brad Stephenson
5550 Marshall St.

Quality Assurance Report
Level II

Arvada, CO 80002

L234541

March 01, 2006

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
Benzene	< .0005	mg/l		02/28/06 09:57	WG240426
Ethylbenzene	< .0005	mg/l		02/28/06 09:57	WG240426
Toluene	< .005	mg/l		02/28/06 09:57	WG240426
Total Xylene	< .0015	mg/l		02/28/06 09:57	WG240426

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzene	mg/l	.0248	0.0211	85.0	63-121	WG240426
Ethylbenzene	mg/l	.0372	0.0390	105.	68-125	WG240426
Toluene	mg/l	.1856	0.183	99.0	68-114	WG240426
Total Xylene	mg/l	.216	0.219	101.	76-118	WG240426

Analyte	Units	Laboratory Control Sample Duplicate				Limit	%Rec	Batch
		LCSD Res	Ref Res	RPD				
Benzene	mg/l	0.0218	0.0211	3.38	20	88		WG240426
Ethylbenzene	mg/l	0.0407	0.0390	4.26	20	109		WG240426
Toluene	mg/l	0.191	0.183	3.91	20	103		WG240426
Total Xylene	mg/l	0.229	0.219	4.64	14	106		WG240426

Batch number /Run number / Sample number cross reference

WG240426: R266662: L234541-01

* * Calculations are performed prior to rounding of reported values .



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Cordilleran Compliance Services - CO
Mr. Brad Stephenson
5550 Marshall St.

Quality Assurance Report
Level II

Arvada, CO 80002

L234541

March 01, 2006

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

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Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Summary of Remarks For Samples Printed
03/01/06 at 09:37:17

TSR Signing Reports: 070

Watch dilutions on PAH - client needs to see 0.041 ppm on soils

Sample: L234541-01 Account: CORCOMCO Received: 02/22/06 09:00 Due Date: 03/01/06 00:00 RPT Date: 03/01/06 09:37



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Cordilleran Compliance Services - CO
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5550 Marshall St.

Quality Assurance Report
Level II

Arvada, CO 80002

L234541

March 01, 2006

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
Benzene	< .0005	mg/l		02/28/06 09:57	WG240426
Ethylbenzene	< .0005	mg/l		02/28/06 09:57	WG240426
Toluene	< .005	mg/l		02/28/06 09:57	WG240426
Total Xylene	< .0015	mg/l		02/28/06 09:57	WG240426

Analyte	Units	Laboratory Control		Sample Result	% Rec	Limit	Batch
		Known	Val				
Benzene	mg/l	.0248		0.0211	85.0	63-121	WG240426
Ethylbenzene	mg/l	.0372		0.0390	105.	68-125	WG240426
Toluene	mg/l	.1856		0.183	99.0	68-114	WG240426
Total Xylene	mg/l	.216		0.219	101.	76-118	WG240426

Analyte	Units	Laboratory Control		Sample Duplicate		Limit	%Rec	Batch
		LCSD	Res	Ref	Res	RPD		
Benzene	mg/l	0.0218		0.0211	3.38	20	88	WG240426
Ethylbenzene	mg/l	0.0407		0.0390	4.26	20	109	WG240426
Toluene	mg/l	0.191		0.183	3.91	20	103	WG240426
Total Xylene	mg/l	0.229		0.219	4.64	14	106	WG240426

Batch number /Run number / Sample number cross reference

WG240426: R266662: L234541-01

* * Calculations are performed prior to rounding of reported values .



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Cordilleran Compliance Services - CO
Mr. Brad Stephenson
5550 Marshall St.

Quality Assurance Report
Level II

Arvada, CO 80002

March 01, 2006

L234541

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

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Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Laboratory Report
May 2006



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REPORT OF ANALYSIS

June 02, 2006

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

ESC Sample # : L246752-06

Date Received : May 25, 2006
Description : Spindle Gas Plant

Site ID :

Sample ID : MW-1

Project # :

Collected By : Brad Stephenson
Collection Date : 05/24/06 10:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.0016	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	0.0043	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/29/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 06/01/06 16:48 Revised: 06/02/06 14:33



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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant

Sample ID : MW-2

Collected By : Brad Stephenson
Collection Date : 05/24/06 11:10

ESC Sample # : L246752-07

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	12.	0.12	mg/l	8021/8015	05/27/06	250
Toluene	BDL	1.2	mg/l	8021/8015	05/27/06	250
Ethylbenzene	0.48	0.12	mg/l	8021/8015	05/27/06	250
Total Xylene	BDL	0.38	mg/l	8021/8015	05/27/06	250
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	100		% Rec.	8021/8015	05/27/06	250

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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Note:

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Reported: 06/01/06 16:48 Revised: 06/02/06 14:33



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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant
Sample ID : MW-3
Collected By : Brad Stephenson
Collection Date : 05/24/06 11:20

ESC Sample # : L246752-08

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	3.2	0.012	mg/l	8021/8015	05/27/06	25
Toluene	BDL	0.12	mg/l	8021/8015	05/27/06	25
Ethylbenzene	0.018	0.012	mg/l	8021/8015	05/27/06	25
Total Xylene	0.28	0.038	mg/l	8021/8015	05/27/06	25
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	95.		% Rec.	8021/8015	05/27/06	25

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

Note:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant

ESC Sample # : L246752-09

Sample ID : MW-4

Site ID :

Collected By : Brad Stephenson
Collection Date : 05/24/06 11:50

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	3.6	0.025	mg/l	8021/8015	05/27/06	50
Toluene	7.9	0.25	mg/l	8021/8015	05/27/06	50
Ethylbenzene	0.37	0.025	mg/l	8021/8015	05/27/06	50
Total Xylene	4.7	0.075	mg/l	8021/8015	05/27/06	50
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/27/06	50

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant
Sample ID : MW-5
Collected By : Brad Stephenson
Collection Date : 05/24/06 14:10

ESC Sample # : L246752-12

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.18	0.012	mg/l	8021/8015	05/31/06	25
Toluene	BDL	0.12	mg/l	8021/8015	05/31/06	25
Ethylbenzene	0.049	0.012	mg/l	8021/8015	05/31/06	25
Total Xylene	0.31	0.038	mg/l	8021/8015	05/31/06	25
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	93.		% Rec.	8021/8015	05/31/06	25

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

June 06, 2006

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

ESC Sample # : L246454-07

Date Received : May 24, 2006
Description : Spindle Gas Plant

Site ID :

Sample ID : MW-6

Project # :

Collected By : Brad Stephenson
Collection Date : 05/23/06 13:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/29/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 06, 2006

Date Received : May 24, 2006
Description : Spindle Gas Plant

Sample ID : MW-7

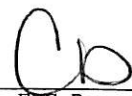
Collected By : Brad Stephenson
Collection Date : 05/23/06 13:30

ESC Sample # : L246454-06

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/29/06	1


Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 06, 2006

Date Received : May 24, 2006
Description : Spindle Gas Plant
Sample ID : MW-8
Collected By : Brad Stephenson
Collection Date : 05/23/06 14:30

ESC Sample # : L246454-09

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/29/06	1

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 06, 2006

Date Received : May 24, 2006
Description : Spindle Gas Plant
Sample ID : MW-9
Collected By : Brad Stephenson
Collection Date : 05/23/06 14:40

ESC Sample # : L246454-10

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/29/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 06, 2006

Date Received : May 24, 2006
Description : Spindle Gas Plant

Sample ID : MW-10

Collected By : Brad Stephenson
Collection Date : 05/23/06 15:00

ESC Sample # : L246454-11

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/29/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant
Sample ID : MW-14
Collected By : Brad Stephenson
Collection Date : 05/24/06 13:30

ESC Sample # : L246752-11

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/27/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/27/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/27/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/27/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/27/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant

Sample ID : MW-15

Collected By : Brad Stephenson
Collection Date : 05/24/06 13:00

ESC Sample # : L246752-10

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.0012	0.00050	mg/l	8021/8015	05/27/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/27/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/27/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/27/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/27/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant
Sample ID : MW-17
Collected By : Brad Stephenson
Collection Date : 05/24/06 09:30

ESC Sample # : L246752-02

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.38	0.0025	mg/l	8021/8015	05/31/06	5
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	0.0098	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	93.		% Rec.	8021/8015	05/29/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant

Sample ID : MW-17D

Collected By : Brad Stephenson
Collection Date : 05/24/06 09:30

ESC Sample # : L246752-03

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.040	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	0.0072	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	93.		% Rec.	8021/8015	05/29/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 06, 2006

Date Received : May 24, 2006
Description : Spindle Gas Plant

Sample ID : MW-18

Collected By : Brad Stephenson
Collection Date : 05/23/06 13:10

ESC Sample # : L246454-05

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.11	0.0050	mg/l	8021/8015	05/29/06	10
Toluene	BDL	0.025	mg/l	8021/8015	05/31/06	5
Ethylbenzene	BDL	0.0025	mg/l	8021/8015	05/31/06	5
Total Xylene	0.13	0.015	mg/l	8021/8015	05/29/06	10
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene	100		% Rec.	8021/8015	05/29/06	10

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

June 06, 2006

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Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

ESC Sample # : L246454-03

Date Received : May 24, 2006
Description : Spindle Gas Plant

Site ID :

Sample ID : MW-21

Project # :

Collected By : Brad Stephenson
Collection Date : 05/23/06 10:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.77	0.50	mg/l	8021/8015	05/28/06	1000
Toluene	BDL	5.0	mg/l	8021/8015	05/28/06	1000
Ethylbenzene	BDL	0.50	mg/l	8021/8015	05/28/06	1000
Total Xylene	1.5	1.5	mg/l	8021/8015	05/28/06	1000
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/28/06	1000

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 06, 2006

Date Received : May 24, 2006
Description : Spindle Gas Plant

Sample ID : MW-22

Collected By : Brad Stephenson
Collection Date : 05/23/06 09:30

ESC Sample # : L246454-01

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/30/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/30/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/30/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/30/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	100		% Rec.	8021/8015	05/30/06	1

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 06, 2006

Date Received : May 24, 2006
Description : Spindle Gas Plant

ESC Sample # : L246454-02

Sample ID : MW-24

Site ID :

Collected By : Brad Stephenson
Collection Date : 05/23/06 09:50

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/28/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/28/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/28/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/28/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/28/06	1

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

June 06, 2006

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

Date Received : May 24, 2006
Description : Spindle Gas Plant

Sample ID : MW-25

Collected By : Brad Stephenson
Collection Date : 05/23/06 12:50

ESC Sample # : L246454-04

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.18	0.012	mg/l	8021/8015	05/30/06	25
Toluene	BDL	0.12	mg/l	8021/8015	05/30/06	25
Ethylbenzene	BDL	0.012	mg/l	8021/8015	05/30/06	25
Total Xylene	1.4	0.038	mg/l	8021/8015	05/30/06	25
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	100		% Rec.	8021/8015	05/30/06	25

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant

ESC Sample # : L246752-01

Sample ID : MW-26

Site ID :

Collected By : Brad Stephenson
Collection Date : 05/24/06 09:00

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/29/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 23, 2006
Description : Spindle Gas Plant
Sample ID : MW-28
Collected By : Brad Stephenson
Collection Date : 05/22/06 12:00

ESC Sample # : L246303-08

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/26/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/26/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	96.		% Rec.	8021/8015	05/26/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 23, 2006
Description : Spindle Gas Plant

ESC Sample # : L246303-10

Sample ID : MW-30

Site ID :

Collected By : Brad Stephenson
Collection Date : 05/22/06 11:35

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/26/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/26/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	96.		% Rec.	8021/8015	05/26/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 23, 2006
Description : Spindle Gas Plant

Sample ID : MW-31


Collected By : Brad Stephenson
Collection Date : 05/22/06 11:00

ESC Sample # : L246303-06

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.030	0.012	mg/l	8021/8015	05/31/06	25
Toluene	BDL	0.12	mg/l	8021/8015	05/31/06	25
Ethylbenzene	0.022	0.012	mg/l	8021/8015	05/31/06	25
Total Xylene	0.067	0.038	mg/l	8021/8015	05/31/06	25
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	96.		% Rec.	8021/8015	05/31/06	25


Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

June 02, 2006

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002


ESC Sample # : L246303-04

Site ID :

Project # :

Date Received : May 23, 2006
Description : Spindle Gas Plant
Sample ID : MW-32
Collected By : Brad Stephenson
Collection Date : 05/22/06 10:10

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.30	0.12	mg/l	8021/8015	05/26/06	250
Toluene	BDL	1.2	mg/l	8021/8015	05/26/06	250
Ethylbenzene	BDL	0.12	mg/l	8021/8015	05/26/06	250
Total Xylene	0.52	0.38	mg/l	8021/8015	05/26/06	250
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	100		% Rec.	8021/8015	05/26/06	250


Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant
Sample ID : MW-33
Collected By : Brad Stephenson
Collection Date : 05/24/06 09:55

ESC Sample # : L246752-04

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.35	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	0.0030	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	0.98	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	90.		% Rec.	8021/8015	05/29/06	1

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 25, 2006
Description : Spindle Gas Plant

Sample ID : MW-34

Collected By : Brad Stephenson
Collection Date : 05/24/06 10:10

ESC Sample # : L246752-05

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.020	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	0.012	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	100		% Rec.	8021/8015	05/29/06	1

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 23, 2006
Description : Spindle Gas Plant
Sample ID : MW-35
Collected By : Brad Stephenson
Collection Date : 05/22/06 09:45

ESC Sample # : L246303-02

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/26/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/26/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	100		% Rec.	8021/8015	05/26/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 23, 2006
Description : Spindle Gas Plant
Sample ID : MW-350
Collected By : Brad Stephenson
Collection Date : 05/22/06 09:45

ESC Sample # : L246303-03

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/26/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/26/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	100		% Rec.	8021/8015	05/26/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

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REPORT OF ANALYSIS

June 02, 2006

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

Date Received : May 23, 2006
Description : Spindle Gas Plant
Sample ID : MW-36
Collected By : Brad Stephenson
Collection Date : 05/22/06 12:20

ESC Sample # : L246303-09

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	1.4	0.50	mg/l	8021/8015	05/26/06	1000
Toluene	BDL	5.0	mg/l	8021/8015	05/26/06	1000
Ethylbenzene	BDL	0.50	mg/l	8021/8015	05/26/06	1000
Total Xylene	2.7	1.5	mg/l	8021/8015	05/26/06	1000
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	97.		% Rec.	8021/8015	05/26/06	1000

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

Note:

The reported analytical results relate only to the sample submitted.

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Est. 1970

REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 23, 2006
Description : Spindle Gas Plant
Sample ID : MW-37
Collected By : Brad Stephenson
Collection Date : 05/22/06 11:20

ESC Sample # : L246303-07

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/26/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/26/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	96.		% Rec.	8021/8015	05/26/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

Note:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 23, 2006
Description : Spindle Gas Plant

Sample ID : MW-38

Collected By : Brad Stephenson
Collection Date : 05/22/06 10:35

ESC Sample # : L246303-05

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	0.0030	0.00050	mg/l	8021/8015	05/26/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/26/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Total Xylene	0.0033	0.0015	mg/l	8021/8015	05/26/06	1
Surrogate Recovery (70-130)						
a,a,a-Trifluorotoluene	100		% Rec.	8021/8015	05/26/06	1

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
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Note:

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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordilleran Compliance
5550 Marshall St.
Arvada, CO 80002

June 06, 2006

Date Received : May 24, 2006
Description : Spindle Gas Plant
Sample ID : MW-39
Collected By : Brad Stephenson
Collection Date : 05/23/06 14:15

ESC Sample # : L246454-08

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/29/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/29/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/29/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	99.		% Rec.	8021/8015	05/29/06	1

Cb

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

Note:

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Reported: 06/06/06 09:13 Revised: 06/06/06 16:24



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REPORT OF ANALYSIS

Mr. Brad Stephenson
Duke Energy Cordillera Compliance
5550 Marshall St.
Arvada, CO 80002

June 02, 2006

Date Received : May 23, 2006
Description : Spindle Gas Plant

Sample ID : MW-44

Collected By : Brad Stephenson
Collection Date : 05/22/06 09:30

ESC Sample # : L246303-01

Site ID :

Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Toluene	BDL	0.0050	mg/l	8021/8015	05/26/06	1
Ethylbenzene	BDL	0.00050	mg/l	8021/8015	05/26/06	1
Total Xylene	BDL	0.0015	mg/l	8021/8015	05/26/06	1
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	100		% Rec.	8021/8015	05/26/06	1

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 06/01/06 16:49 Revised: 06/02/06 15:01

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L246752-04	Benzene	E
	Total Xylene	E
L246752-08	Benzene	E
L246752-09	Toluene	E

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

		Control Limits		(AQ)		(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



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Mr. Brad Stephenson
5550 Marshall St.

Quality Assurance Report Level II

Arvada, CO 80002

L246752

June 02, 2006

Analyte	Result	Laboratory Blank Units	Date Analyzed	Batch
Benzene	< .0005	mg/l	05/28/06 21:50	WG252239
Ethylbenzene	< .0005	mg/l	05/28/06 21:50	WG252239
Toluene	< .005	mg/l	05/28/06 21:50	WG252239
Total Xylene	< .0015	mg/l	05/28/06 21:50	WG252239
Benzene	< .0005	mg/l	05/26/06 17:09	WG252270
Benzene	< .0005	mg/l	05/28/06 23:13	WG252270
Ethylbenzene	< .0005	mg/l	05/26/06 17:09	WG252270
Ethylbenzene	< .0005	mg/l	05/28/06 23:13	WG252270
Toluene	< .005	mg/l	05/26/06 17:09	WG252270
Toluene	< .005	mg/l	05/28/06 23:13	WG252270
Total Xylene	< .0015	mg/l	05/26/06 17:09	WG252270
Total Xylene	< .0015	mg/l	05/28/06 23:13	WG252270
Benzene	< .0005	mg/l	05/31/06 17:09	WG252731
Benzene	< .0005	mg/l	05/31/06 18:02	WG252740
Ethylbenzene	< .0005	mg/l	05/31/06 18:02	WG252740
Toluene	< .005	mg/l	05/31/06 18:02	WG252740
Total Xylene	< .0015	mg/l	05/31/06 18:02	WG252740

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Benzene	mg/l	.025	0.0261	105.	79-131	WG252239
Ethylbenzene	mg/l	.025	0.0276	111.	68-125	WG252239
Toluene	mg/l	.025	0.0260	104.	68-114	WG252239
Total Xylene	mg/l	.075	0.0808	108.	72-113	WG252239
Benzene	mg/l	.025	0.0244	98.0	79-131	WG252270
Ethylbenzene	mg/l	.025	0.0244	98.0	68-125	WG252270
Toluene	mg/l	.025	0.0246	98.0	68-114	WG252270
Total Xylene	mg/l	.075	0.0765	102.	72-113	WG252270
Benzene	mg/l	.025	0.0231	92.0	79-131	WG252731
Benzene	mg/l	.025	0.0232	93.0	79-131	WG252740
Ethylbenzene	mg/l	.025	0.0240	96.0	68-125	WG252740
Toluene	mg/l	.025	0.0245	98.0	68-114	WG252740
Total Xylene	mg/l	.075	0.0752	100.	72-113	WG252740

Analyte	Units	Laboratory Control LCSD Res	Sample Ref Res	Duplicate RPD	Limit	%Rec	Batch
Benzene	mg/l	0.0259	0.0261	0.853	20	104	WG252239
Ethylbenzene	mg/l	0.0272	0.0276	1.62	20	109	WG252239
Toluene	mg/l	0.0251	0.0260	3.38	20	100	WG252239
Total Xylene	mg/l	0.0797	0.0808	1.38	20	106	WG252239
Benzene	mg/l	0.0241	0.0244	1.58	20	96	WG252270
Ethylbenzene	mg/l	0.0246	0.0244	0.585	20	98	WG252270
Toluene	mg/l	0.0241	0.0246	2.12	20	96	WG252270
Total Xylene	mg/l	0.0759	0.0765	0.719	20	101	WG252270
Benzene	mg/l	0.0247	0.0265	7.03	20	99	WG252731
Benzene	mg/l	0.0234	0.0232	0.981	20	94	WG252740
Ethylbenzene	mg/l	0.0239	0.0240	0.531	20	96	WG252740
Toluene	mg/l	0.0241	0.0245	1.87	20	96	WG252740
Total Xylene	mg/l	0.0752	0.0752	0.0933	20	100	WG252740



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Mr. Brad Stephenson
5550 Marshall St.

Quality Assurance Report Level II

Arvada, CO 80002

L246752

June 02, 2006

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
Benzene	mg/l	0.0227	0.0016	.025	84.0	68-135	L246752-06	WG252239
Ethylbenzene	mg/l	0.0218	0.00	.025	87.0	61-122	L246752-06	WG252239
Toluene	mg/l	0.0190	0.00	.025	76.0	60-116	L246752-06	WG252239
Total Xylene	mg/l	0.0669	0.0043	.075	83.0	62-112	L246752-06	WG252239
Benzene	mg/l	0.0269	0.00	.025	108.	68-135	L246752-11	WG252270
Ethylbenzene	mg/l	0.0270	0.00	.025	108.	61-122	L246752-11	WG252270
Toluene	mg/l	0.0268	0.00	.025	107.	60-116	L246752-11	WG252270
Total Xylene	mg/l	0.0802	0.00	.075	107.	62-112	L246752-11	WG252270
Benzene	mg/l	0.0227	0.00	.025	91.0	68-135	L246791-09	WG252731
Benzene	mg/l	0.0227	0.00	.025	91.0	68-135	L246791-06	WG252740
Ethylbenzene	mg/l	0.0224	0.00	.025	90.0	61-122	L246791-06	WG252740
Toluene	mg/l	0.0237	0.00	.025	95.0	60-116	L246791-06	WG252740
Total Xylene	mg/l	0.0680	0.00	.075	91.0	62-112	L246791-06	WG252740

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
Benzene	mg/l	0.0222	0.0227	2.31	20	82.0	L246752-06	WG252239
Ethylbenzene	mg/l	0.0217	0.0218	0.158	20	87.0	L246752-06	WG252239
Toluene	mg/l	0.0187	0.0190	1.44	20	75.0	L246752-06	WG252239
Total Xylene	mg/l	0.0663	0.0669	0.851	20	83.0	L246752-06	WG252239
Benzene	mg/l	0.0242	0.0269	10.4	20	97.0	L246752-11	WG252270
Ethylbenzene	mg/l	0.0235	0.0270	13.6	20	94.0	L246752-11	WG252270
Toluene	mg/l	0.0242	0.0268	10.3	20	97.0	L246752-11	WG252270
Total Xylene	mg/l	0.0712	0.0802	11.9	20	95.0	L246752-11	WG252270
Benzene	mg/l	0.0231	0.0227	1.45	20	92.0	L246791-09	WG252731
Benzene	mg/l	0.0226	0.0227	0.576	20	90.0	L246791-06	WG252740
Ethylbenzene	mg/l	0.0226	0.0224	0.727	20	90.0	L246791-06	WG252740
Toluene	mg/l	0.0227	0.0237	4.39	20	91.0	L246791-06	WG252740
Total Xylene	mg/l	0.0694	0.0680	1.96	20	93.0	L246791-06	WG252740

Batch number /Run number / Sample number cross reference

WG252270: R276907: L246752-07 08 09 10 11
WG252239: R276972: L246752-01 02 03 04 05 06
WG252740: R277133: L246752-12
WG252731: R277223: L246752-02

* * Calculations are performed prior to rounding of reported values .



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Duke Energy Cordilleran Compliance - CO
Mr. Brad Stephenson
5550 Marshall St.

Quality Assurance Report
Level II

Arvada, CO 80002

L246752

June 02, 2006

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : 1246752

Date: 5-25-06

Evaluated by: Jason D.

Client: Correlation Compliance

Non-Conformance (check applicable items)

- | | |
|---|---|
| <input type="checkbox"/> Chain of Custody is missing | <input type="checkbox"/> Login Clarification Needed |
| <input type="checkbox"/> Improper container type | <input type="checkbox"/> Improper preservation |
| <input type="checkbox"/> Chain of custody is incomplete | <input type="checkbox"/> Container lid not in tact |
| <input type="checkbox"/> Parameter(s) past holding time | <input type="checkbox"/> Improper temperature |
| <input type="checkbox"/> Broken container(s) see below | <input checked="" type="checkbox"/> Broken container: sufficient sample volume remains for analysis requested |
| <input type="checkbox"/> Insufficient packing material around container | |
| <input checked="" type="checkbox"/> Insufficient packing material inside cooler | |
| <input type="checkbox"/> Improper handling by carrier (FedEx / UPS / Courier) | |
| <input type="checkbox"/> Sample was frozen | |

Comments: one of 2 vials received broken MW33

Login Instructions:

TSR Initials: _____

Client informed by call / email / fax / voice mail date: _____ time: _____

Client contact: _____

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L246454-03	Toluene	J4J3
	Ethylbenzene	J4J3
	Total Xylene	J3J4
L246454-05	Toluene	Q
	Ethylbenzene	Q

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J4	The associated batch QC was outside the established quality control range for accuracy.
J3	The associated batch QC was outside the established quality control range for precision.
Q	(ESC) Sample held beyond the accepted holding time.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

Control Limits				(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128 64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115 69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127 61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



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Duke Energy Cordilleran Compliance - CO
Mr. Brad Stephenson
5550 Marshall St.

Quality Assurance Report Level II

Arvada, CO 80002

L246454

June 06, 2006

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
Benzene	< .0005	mg/l	05/28/06 21:50	WG252239	
Ethylbenzene	< .0005	mg/l	05/28/06 21:50	WG252239	
Toluene	< .005	mg/l	05/28/06 21:50	WG252239	
Total Xylene	< .0015	mg/l	05/28/06 21:50	WG252239	
Benzene	< .0005	mg/l	05/30/06 20:45	WG252619	
Ethylbenzene	< .0005	mg/l	05/30/06 20:45	WG252619	
Toluene	< .005	mg/l	05/30/06 20:45	WG252619	
Total Xylene	< .0015	mg/l	05/30/06 20:45	WG252619	
Ethylbenzene	< .0005	mg/l	05/31/06 18:02	WG252740	
Toluene	< .005	mg/l	05/31/06 18:02	WG252740	

Analyte	Laboratory Control		Sample Result	% Rec	Limit	Batch
	Units	Known Val				
Benzene	mg/l	.025	0.0261	105.	79-131	WG252239
Ethylbenzene	mg/l	.025	0.0276	111.	68-125	WG252239
Toluene	mg/l	.025	0.0260	104.	68-114	WG252239
Total Xylene	mg/l	.075	0.0808	108.	72-113	WG252239
Benzene	mg/l	.025	0.0251	100.	79-131	WG252619
Ethylbenzene	mg/l	.025	0.0260	104.	68-125	WG252619
Toluene	mg/l	.025	0.0261	104.	68-114	WG252619
Total Xylene	mg/l	.075	0.0780	104.	72-113	WG252619
Ethylbenzene	mg/l	.025	0.0240	96.0	68-125	WG252740
Toluene	mg/l	.025	0.0245	98.0	68-114	WG252740

Analyte	Laboratory Control Sample Duplicate				Limit	%Rec	Batch
	Units	LCSD Res	Ref Res	RPD			
Benzene	mg/l	0.0259	0.0261	0.853	20	104	WG252239
Ethylbenzene	mg/l	0.0272	0.0276	1.62	20	109	WG252239
Toluene	mg/l	0.0251	0.0260	3.38	20	100	WG252239
Total Xylene	mg/l	0.0797	0.0808	1.38	20	106	WG252239
Benzene	mg/l	0.0262	0.0298	12.7	20	105	WG252619
Ethylbenzene	mg/l	0.0271	0.0372	31.4	20	108	WG252619
Toluene	mg/l	0.0272	0.178	147.	20	109	WG252619
Total Xylene	mg/l	0.0813	0.214	89.7	20	108	WG252619
Ethylbenzene	mg/l	0.0239	0.0240	0.531	20	96	WG252740
Toluene	mg/l	0.0241	0.0245	1.87	20	96	WG252740

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
Benzene	mg/l	0.0227	0.0016	.025	84.0	68-135	L246752-06	WG252239
Ethylbenzene	mg/l	0.0218	0.00	.025	87.0	61-122	L246752-06	WG252239
Toluene	mg/l	0.0190	0.00	.025	76.0	60-116	L246752-06	WG252239
Total Xylene	mg/l	0.0669	0.0043	.075	83.0	62-112	L246752-06	WG252239
Benzene	mg/l	0.0234	0.00	.025	93.0	68-135	L246893-01	WG252619
Ethylbenzene	mg/l	0.0210	0.00	.025	84.0	61-122	L246893-01	WG252619
Toluene	mg/l	0.0227	0.00	.025	91.0	60-116	L246893-01	WG252619
Total Xylene	mg/l	0.0664	0.00	.075	89.0	62-112	L246893-01	WG252619
Ethylbenzene	mg/l	0.0224	0.00	.025	90.0	61-122	L246791-06	WG252740
Toluene	mg/l	0.0237	0.00	.025	95.0	60-116	L246791-06	WG252740



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Level II

Arvada, CO 80002

L246454

June 06, 2006

Analyte	Matrix Spike Duplicate				RPD	Limit	%Rec	Ref Samp	Batch
	Units	MSD	Res	Ref Res					
Benzene	mg/l	0.0222		0.0227	2.31	20	82.0	L246752-06	WG252239
Ethylbenzene	mg/l	0.0217		0.0218	0.158	20	87.0	L246752-06	WG252239
Toluene	mg/l	0.0187		0.0190	1.44	20	75.0	L246752-06	WG252239
Total Xylene	mg/l	0.0663		0.0669	0.851	20	83.0	L246752-06	WG252239
Benzene	mg/l	0.0233		0.0284	19.7	20	88.0	L246658-03	WG252619
Ethylbenzene	mg/l	0.0204		0.0337	49.3	20	81.0	L246658-03	WG252619
Toluene	mg/l	0.0223		0.164	152.	20	89.0	L246658-03	WG252619
Total Xylene	mg/l	0.0639		0.193	100.	20	85.0	L246658-03	WG252619
Ethylbenzene	mg/l	0.0226		0.0224	0.727	20	90.0	L246791-06	WG252740
Toluene	mg/l	0.0227		0.0237	4.39	20	91.0	L246791-06	WG252740

Batch number / Run number / Sample number cross reference

WG252239: R276972: L246454-02 03 05 06 07 08 09 10 11

WG252619: R277053: L246454-01 04

WG252740: R277133: L246454-05

* * Calculations are performed prior to rounding of reported values .



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Arvada, CO 80002

L246454

June 06, 2006

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Cordilleran Compliance

5540 Marshall St.
Arvada, CO 80002

Alternate billing information:

[Signature]

Analysis/Container/Preservative

Chain of Custody
Page ___ of ___

Prepared by:



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Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Spindle Gas Plant

Phone: 303-737-2072
FAX: 303-237-2659

Client Project #: ESC Key:

Collected by: *[Signature]* P.O.#:

Collected by (signature): *[Signature]*
Packed on ice N

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

No. of Cnts

BTEx (8021) - (2) 40ml Amb no pres

Remarks/Contaminant

Sample # (lab only)

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Condition: (lab use only)

pH Checked: NCF:

Matrix: SS - Soil/Solid GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Remarks: 6523 6056 8277

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Date: Time: Received by: (Signature)

Date: Time: Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier

Temp: 3.3° Bottles Received: 22

Date: 5/24/06 Time: 09:10

pH Checked: NCF:

Flow: Other:

Cordilleran Compliance
5540 Marshall St.
Arvada, CO 80002

Alternate billing information:

Report to:
Brad Stephenson

Email to: bradstephenson@cordcomp

Analysis/Container/Preservative

Prepared by:

Chain of Custody
Page ____ of ____



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Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Spindle Gas Plant

Phone: 303-737-2072

FAX: 303-237-2659

Client Project #:

ESC Key:

Collected by: [Signature]

City/State
Collected

P.O. #:

Collected by (signature):

Rush? (Lab MUST Be Notified)

Date Results Needed:

No.

Same Day.....200%
Next Day.....100%
Two Day.....50%

Email? ___ No ___ Yes
FAX? ___ No ___ Yes

of

BTEX (8021) - (2) 40ml Amb no pres

CoCode
Template/Prelogin
Shipped Via:

(lab use only)

Remarks/Contaminant

Sample # (lab only)

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

Cnts

Matrix ID

Comp/Grab

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Matrix*

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Date

Time

Cnts

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L246303-06	Benzene	Q
	Toluene	Q
	Ethylbenzene	Q
	Total Xylene	Q

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
-----------	---------

Q	(ESC) Sample held beyond the accepted holding time.
---	---

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

Control Limits				(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromofluoromethane	68-128 64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115 69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127 61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



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Quality Assurance Report Level II

Arvada, CO 80002

L246303

June 02, 2006

Analyte	Result	Laboratory Blank Units	Date Analyzed	Batch
Benzene	< .0005	mg/l	05/26/06 02:44	WG251923
Ethylbenzene	< .0005	mg/l	05/26/06 02:44	WG251923
Toluene	< .005	mg/l	05/26/06 02:44	WG251923
Total Xylene	< .0015	mg/l	05/26/06 02:44	WG251923
Benzene	< .0005	mg/l	05/26/06 14:12	WG252127
Ethylbenzene	< .0005	mg/l	05/26/06 14:12	WG252127
Toluene	< .005	mg/l	05/26/06 14:12	WG252127
Total Xylene	< .0015	mg/l	05/26/06 14:12	WG252127
Benzene	< .0005	mg/l	05/31/06 18:02	WG252740
Ethylbenzene	< .0005	mg/l	05/31/06 18:02	WG252740
Toluene	< .005	mg/l	05/31/06 18:02	WG252740
Total Xylene	< .0015	mg/l	05/31/06 18:02	WG252740

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Benzene	mg/l	.025	0.0234	94.0	79-131	WG251923
Ethylbenzene	mg/l	.025	0.0235	94.0	68-125	WG251923
Toluene	mg/l	.025	0.0243	97.0	68-114	WG251923
Total Xylene	mg/l	.075	0.0699	93.0	72-113	WG251923
Benzene	mg/l	.025	0.0275	110.	79-131	WG252127
Ethylbenzene	mg/l	.025	0.0275	110.	68-125	WG252127
Toluene	mg/l	.025	0.0270	108.	68-114	WG252127
Total Xylene	mg/l	.075	0.0817	109.	72-113	WG252127
Benzene	mg/l	.025	0.0232	93.0	79-131	WG252740
Ethylbenzene	mg/l	.025	0.0240	96.0	68-125	WG252740
Toluene	mg/l	.025	0.0245	98.0	68-114	WG252740
Total Xylene	mg/l	.075	0.0752	100.	72-113	WG252740

Analyte	Units	Laboratory Control LCSD Res	Sample Ref Res	Duplicate RPD	Limit	%Rec	Batch
Benzene	mg/l	0.0233	0.0234	0.460	20	93	WG251923
Ethylbenzene	mg/l	0.0233	0.0235	0.987	20	93	WG251923
Toluene	mg/l	0.0241	0.0243	0.667	20	96	WG251923
Total Xylene	mg/l	0.0692	0.0699	1.08	20	92	WG251923
Benzene	mg/l	0.0272	0.0275	1.17	20	109	WG252127
Ethylbenzene	mg/l	0.0265	0.0275	3.87	20	106	WG252127
Toluene	mg/l	0.0267	0.0270	1.42	20	107	WG252127
Total Xylene	mg/l	0.0782	0.0817	4.30	20	104	WG252127
Benzene	mg/l	0.0234	0.0232	0.981	20	94	WG252740
Ethylbenzene	mg/l	0.0239	0.0240	0.531	20	96	WG252740
Toluene	mg/l	0.0241	0.0245	1.87	20	96	WG252740
Total Xylene	mg/l	0.0752	0.0752	0.0933	20	100	WG252740

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzene	mg/l	0.0173	0.00	.025	69.0	68-135	L246140-04	WG251923
Ethylbenzene	mg/l	0.0190	0.00	.025	76.0	61-122	L246140-04	WG251923
Toluene	mg/l	0.0186	0.00	.025	75.0	60-116	L246140-04	WG251923
Total Xylene	mg/l	0.0585	0.00	.075	78.0	62-112	L246140-04	WG251923
Benzene	mg/l	0.0252	0.00	.025	101.	68-135	L246287-01	WG252127



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L246303

June 02, 2006

Ethylbenzene	mg/l	0.0238	0.00	.025	95.0	61-122	L246287-01	WG252127
--------------	------	--------	------	------	------	--------	------------	----------

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
Toluene	mg/l	0.0240	0.00	.025	96.0	60-116	L246287-01	WG252127
Total Xylene	mg/l	0.0700	0.00	.075	93.0	62-112	L246287-01	WG252127
Benzene	mg/l	0.0227	0.00	.025	91.0	68-135	L246791-06	WG252740
Ethylbenzene	mg/l	0.0224	0.00	.025	90.0	61-122	L246791-06	WG252740
Toluene	mg/l	0.0237	0.00	.025	95.0	60-116	L246791-06	WG252740
Total Xylene	mg/l	0.0680	0.00	.075	91.0	62-112	L246791-06	WG252740

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
Benzene	mg/l	0.0093	0.0173	59.4	20	37.0	L246140-04	WG251923
Ethylbenzene	mg/l	0.0143	0.0190	28.3	20	57.0	L246140-04	WG251923
Toluene	mg/l	0.0104	0.0186	56.3	20	42.0	L246140-04	WG251923
Total Xylene	mg/l	0.0442	0.0585	27.7	20	59.0	L246140-04	WG251923
Benzene	mg/l	0.0266	0.0252	5.27	20	106.	L246287-01	WG252127
Ethylbenzene	mg/l	0.0249	0.0238	4.29	20	99.0	L246287-01	WG252127
Toluene	mg/l	0.0252	0.0240	4.68	20	101.	L246287-01	WG252127
Total Xylene	mg/l	0.0730	0.0700	4.26	20	97.0	L246287-01	WG252127
Benzene	mg/l	0.0226	0.0227	0.576	20	90.0	L246791-06	WG252740
Ethylbenzene	mg/l	0.0226	0.0224	0.727	20	90.0	L246791-06	WG252740
Toluene	mg/l	0.0227	0.0237	4.39	20	91.0	L246791-06	WG252740
Total Xylene	mg/l	0.0694	0.0680	1.96	20	93.0	L246791-06	WG252740

Batch number /Run number / Sample number cross reference

WG251923: R276626: L246303-01 02 03 04 05

WG252127: R276762: L246303-07 08 09 10

WG252740: R277133: L246303-06

* * Calculations are performed prior to rounding of reported values .



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June 02, 2006

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Cordilleran Compliance
5540 Marshall St.
Arvada, CO 80002

Alternate billing information:
DEFS

Report to:
Brad Stephenson
Email to:
On File

Project Description: Spindle Gas Plant

Phone: 303-237-2072
FAX: 303-237-2659

City/State
Collected

ESC Key:

Collected by: Brad Stephenson

Site/Facility ID#:

P.O.#:

DEFS

Collected by (signature):

Rush? (Lab MUST Be Notified)

Date Results Needed:

Same Day 200%

Next Day 100%

Two Day 50%

Revised on file N Y X

Email? No Yes

FAX? No Yes

No. of Cntrs

BTEX 8021B - (2) 40ml Amb no pres

Analysis/Container/Preservative

Chain of Custody
Page ____ of ____
Prepared by:



12065 Lebanon Road
Mt. Juliet, TN 37122

Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant

Sample # (lab use only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks/Contaminant	Sample # (lab use only)
MW44	G	GW	N/A	5/23/06	09:30	2		624630301
MW35				09:45		X		02
MW35D				09:45		X		03
MW32				10:10		X		04
MW38				10:35		X		05
MW31				11:00		X		06
MW37				11:20		X		07
MW29				11:40		X		
MW30				12:00		X		-08

*Matrix SS - Soil/Solid GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

Remarks:

5454 1147 4443

pH _____ Temp _____
Flow _____ Other _____

Relinquished by (Signature)

Date: 5/23/06 Time: 15:00

Relinquished by (Signature)

Date: Time:

Received by: (Signature)
Received for lab by: (Signature)

Samples returned via: ☒ UPS ☐ FedEx ☐ Courier

Temp: 3.30 Bottles Received: 201

Condition: (lab use only)

pH Checked:

Relinquished by: (Signature)

Date: Time:

Received for lab by: (Signature)

Date: 5/23/06 Time: 02:00

pH Checked:

NCF:

Cordilleran Compliance

5540 Marshall St.
Arvada, CO 80002

Alternate billing information:

Report to:
Brad Stephenson
Email to: bradstephenson@cordcomp

Analysis/Container/Preservative

Prepared by: Chain of Custody
Page ____ of ____



**ENVIRONMENTAL
SCIENCE CORP.**

12065 Lebanon Road
Mt. Juliet, TN 37122

Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Project Description: Spindle Gas Plant

City/State
Collected

Phone: 303-737-2072

FAX: 303-237-2659

Client Project #:

ESC Key:

Collected by:

Site/Facility ID#:

P.O.#:

Collected by (signature):

Rush? (Lab MUST Be Notified)

Date Results Needed:

Same Day.....200%
Next Day.....100%
Two Day.....50%

Email? ___ No ___ Yes
FAX? ___ No ___ Yes

No. of Cnts

Packed on Ice N Y

Sample ID

Comp/Grab

Matrix*

Depth

Date

Time

Cnts

Remarks/Contaminant

Sample # (lab only)

CoCode (lab use only)
Template/Prelogin
Shipped Via:

BTEX (8021) - (2) 40ml Amb no pres

6246303-01

-10

MMW 36
MMW-30 MMW

*Matrix SS - Soil/Solid GW - Groundwater WW - Wastewater DW - Drinking Water OT - Other

pH Temp

Remarks:

Flow Other

Relinquished by: (Signature)

Date: 5/29/06

Time: 1:50

Received by: (Signature)

Samples returned via: ☒ Fedex ☐ Courier ☐ UPS

Condition:

(lab use only)

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 3.3 °

Bottles Received: 20 v

pH Checked:

NCF:

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 5/23/06

Time: 09:00

pH Checked:

NCF:

Cheli

ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : 1246303

Date: 5.23.06

Evaluated by: Damen

Client: ~~Corcoran~~ DUKCORCO

Non-Conformance (check applicable items)

- | | |
|---|--|
| <input type="checkbox"/> Chain of Custody is missing | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Login Clarification Needed |
| <input type="checkbox"/> Improper container type | <input type="checkbox"/> Improper preservation |
| <input type="checkbox"/> Chain of custody is incomplete | <input type="checkbox"/> Container lid not in tact |
| <input type="checkbox"/> Parameter(s) past holding time | <input type="checkbox"/> Improper temperature |
| <input type="checkbox"/> Broken container(s) see below | <input type="checkbox"/> Broken container: sufficient sample volume remains for analysis requested |
| <input type="checkbox"/> Insufficient packing material around container | |
| <input type="checkbox"/> Insufficient packing material inside cooler | |
| <input type="checkbox"/> Improper handling by carrier (FedEx / UPS / Courier) | |
| <input type="checkbox"/> Sample was frozen | |

Comments: ① Did not receive sample MW-29.
② Received sample MW-30 (sampled 5/22/06 @ 11:35) not listed on the COC.

Login Instructions:

TSR Initials: Cb

Client informed by call / email / fax / voice mail date: 5/25/06 time: 1036

Client contact: Brad Stephenson

① Client informed
② Told client to run BTEX on MW-30. Asked him to call if not needed.

Attachment 4

