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April 13, 2017

Delivered via Electronic Mail and FedEx Overnight Delivery

Ms. Bobbi Coleman
South Carolina Department of Health and Environmental Control (SCDHEC)
Assessment Section, UST Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, SC 29201

Subject: Lewis Drive – Weekly Startup Data Transmittal for Week 4, March 28 to April 3, 2017
Plantation Pipe Line Company
Belton, South Carolina
Site ID #18693, “Kinder Morgan Belton Pipeline Release”

Dear Ms. Coleman,

On behalf of Plantation Pipe Line Company, CH2M HILL Engineers, Inc. (CH2M) is submitting the attached data transmittal for Week 4 biosparging startup activities conducted between March 28 and April 3, 2017. The biosparging system was turned on March 6, 2017. On March 28, 2017, the flow rate was increased to 4 standard cubic feet per minute in each of the vertical sparging wells and in the two diffusion aerators in Brown’s Creek. Per the Startup Plan for Surface Water Protection Measures, Revision 2 (dated February 23, 2017, and approved by SCDHEC on March 1, 2017), a pulsing sequence was used in the vertical sparging wells, while the diffusion aerators were run continuously.

Monitoring was performed according to the Startup Plan. In addition to the raw analytical data, the following summary tables are included with this submittal:

- Fixed air monitoring readings (Table 1). The fixed air monitoring station near the sparging curtain in the Brown’s Creek Protection Zone recorded levels of volatile organic compounds (VOCs) above the action level of 5 parts per million (5 ppm) for a few 10-minute time periods the early morning of March 29. These elevated readings coincide with the cycling on of the pulsed Brown’s Creek sparging curtain and relatively low temperatures. Low temperatures overnight tend to cause thermal inversions, in which cold, dense air stays close to the ground surface, and air mixing is limited. Air monitoring will continue, and these readings are not cause for concern.
- Mobile air monitoring readings (Table 2).
- Air monitoring calibration results (Table 3)
- Weather observations (Table 4)
- Groundwater elevation and product thickness data (Table 5)
- Analytical results for groundwater (Table 6)
- Analytical results for surface water (Table 7)

Also included in this submittal are lab analytical reports for groundwater and surface water samples collected at the site during this time period.

Ms. Bobbi Coleman
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If you have any questions or concerns, please call me at 919-760-1777, Mr. Scott Powell/CH2M at 678-530-4457, or Mr. Jerry Aycock/Plantation at 770-751-4165.

Regards,
CH2M HILL Engineers, Inc.



William M. Waldron, P.E.
Senior Project Manager

Attachments:

- Table 1 – Summary of Fixed Air Monitoring Readings
- Table 2 – Summary of Mobile Air Monitoring Readings
- Table 3 – Summary of Air Monitoring Calibration Results
- Table 4 – Summary of Weather Observations
- Table 5 – Groundwater Elevation and Product Thickness Data
- Table 6 – Analytical Results for Groundwater
- Table 7 – Analytical Results for Surface Water
- Groundwater Analytical Lab Reports
- Surface Water Analytical Lab Reports
- Air Monitoring Output

c: Jerry Aycock, Plantation (Digital, Jerry_Aycock@kindermorgan.com)
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File

Tables

Table 1. Summary of Fixed Air Monitoring Readings

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/ Start Date	Start Time	End Date	End Time	Number of data points	Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note	
					Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak		
Cupboard Creek Fixed Monitoring Station (RT-1)															
2/9/2017	12:13	2/10/2017	12:03	144	0.0	0.1	35.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Vaccing from RT-1 in the vicinity at time of peak reading
2/10/2017	12:13	2/11/2017	12:03	144	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/11/2017	12:13	2/12/2017	12:03	144	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/12/2017	12:13	2/13/2017	12:03	47	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/13/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/14/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/15/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/16/2017	14:01	2/16/2017	14:11	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/17/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/18/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/19/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/20/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/21/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/22/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/23/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/24/2017	10:43	2/25/2017	11:38	1444	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/25/2017	11:39	2/26/2017	11:38	1440	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/26/2017	11:39	2/27/2017	11:39	1441	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/27/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/28/2017	14:49	3/1/2017	14:39	144	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/1/2017	14:49	3/2/2017	10:19	118	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/2/2017	10:54	3/3/2017	16:34	35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/3/2017	16:00	3/4/2017	15:50	144	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/4/2017	16:00	3/5/2017	15:50	144	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/5/2017	16:00	3/6/2017	11:00	115	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/6/2017	11:18	3/7/2017	11:08	144	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	System started up 3/6/2017
3/7/2017	11:18	3/8/2017	9:29	133	0.0	0.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/8/2017	9:43	3/8/2017	16:33	42	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/10/2017	9:39	3/11/2017	9:29	144	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/11/2017	9:39	3/12/2017	10:29	144	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Daylight saving time adjusted at 2:00 AM The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 3.3 ppm VOCs.
3/12/2017	10:39	3/13/2017	10:29	144	0.0	0.2	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/13/2017	10:39	3/13/2017	13:09	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/13/2017	13:13	3/14/2017	13:03	144	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/14/2017	13:13	3/15/2017	13:03	144	0.0	0.2	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 4.4 ppm VOCs.
3/15/2017	13:13	3/16/2017	13:03	144	0.0	0.1	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/16/2017	13:19	3/17/2017	13:09	144	0.0	0.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 1.3 ppm VOCs.
3/17/2017	13:19	3/18/2017	13:09	144	0.0	0.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/18/2017	13:19	3/19/2017	13:09	144	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/19/2017	13:19	3/20/2017	12:39	141	0.0	0.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/20/2017	12:52	3/21/2017	12:42	144	0.0	0.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/21/2017	12:52	3/22/2017	12:42	144	0.0	0.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/22/2017	12:52	3/23/2017	12:42	144	0.0	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/23/2017	12:52	3/24/2017	12:42	144	0.0	0.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Table 1. Summary of Fixed Air Monitoring Readings

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/ Start Date	Start Time	End Date	End Time	Number of data points	Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
					Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
3/24/2017	12:52	3/24/2017	14:52	13	0.0	0.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 0.3 ppm VOCs. The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 1.5 ppm VOCs. The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 1 ppm VOCs. The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 2.6 ppm VOCs. The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 1.3 ppm VOCs.
3/24/2017	15:17	3/25/2017	15:07	144	0.0	0.3	10.0	0.0	0.0	0.0	0.0	0.0	0.4	
3/25/2017	15:17	3/26/2017	15:07	144	0.0	0.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	
3/26/2017	15:17	3/27/2017	12:27	128	0.0	0.3	9.8	0.0	0.0	0.0	0.0	0.0	0.0	
3/27/2017	12:46	3/28/2017	12:36	144	0.0	0.5	7.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/28/2017	12:46	3/29/2017	12:36	144	0.0	0.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	
3/29/2017	12:46	3/30/2017	12:36	144	0.0	0.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	
3/30/2017	12:46	3/31/2017	10:56	134	0.0	0.3	6.7	0.0	0.0	0.0	0.0	0.0	0.0	
3/31/2017	11:10	3/31/2017	12:40	10	0.0	0.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	
4/1/2017	12:59	4/2/2017	12:49	144	0.0	0.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	
4/2/2017	12:59	4/3/2017	12:49	144	0.0	0.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	
Brown's Creek Fixed Monitoring Station (RT-2)														
2/9/2017	9:22	2/10/2017	9:12	144	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	System started up 3/6/2017 The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 0.3 ppm VOCs. The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 2.2 ppm VOCs.
2/10/2017	9:22	2/11/2017	9:12	144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/11/2017	9:22	2/12/2017	9:12	144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/12/2017	9:22	2/12/2017	16:52	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/13/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/14/2017	15:14	2/15/2017	15:04	144	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
2/15/2017	15:14	2/16/2017	10:24	116	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/16/2017	13:20	2/16/2017	13:20	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/17/2017	12:21	2/18/2017	12:11	144	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	
2/18/2017	12:21	2/19/2017	12:11	144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/19/2017	12:21	2/20/2017	11:21	139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/20/2017	11:46	2/21/2017	12:10	146	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/21/2017	12:20	2/22/2017	12:10	144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/22/2017	12:20	2/23/2017	11:40	141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/23/2017	12:00	2/24/2017	6:20	111	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/24/2017	11:33	2/25/2017	11:23	144	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
2/25/2017	11:33	2/26/2017	11:23	144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2/26/2017	11:33	2/27/2017	11:13	143	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	
2/27/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
2/28/2017	11:35	3/1/2017	13:00	153	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/1/2017	13:10	3/2/2017	11:00	132	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/2/2017	11:24	3/3/2017	11:14	144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/3/2017	11:24	3/4/2017	16:44	173	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	
3/4/2017	16:24	3/5/2017	16:14	144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/5/2017	16:24	3/6/2017	11:14	114	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	
3/6/2017	11:32	3/7/2017	11:22	144	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	11:32	3/8/2017	9:12	131	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/8/2017	9:28	3/9/2017	9:18	144	0.0	0.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	9:28	3/10/2017	9:18	144	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	

Table 1. Summary of Fixed Air Monitoring Readings

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/ Start Date	Start Time	End Date	End Time	Number of data points	Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
					Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
3/10/2017	9:28	3/11/2017	9:55	145	0.0	0.1	5.9	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 0.4 ppm VOCs. Daylight saving time adjusted at 2:00 AM
3/11/2017	10:05	3/12/2017	10:55	144	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	
3/12/2017	11:05	3/13/2017	10:55	144	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	
3/13/2017	11:05	3/13/2017	12:55	12	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/13/2017	13:26	3/14/2017	13:16	144	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	
3/14/2017	13:26	3/15/2017	13:16	144	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	
3/15/2017	13:26	3/16/2017	13:16	144	0.0	0.7	14.5	0.0	0.0	0.0	0.0	0.0	0.0	The highest 10-minute time-weighted average VOC measurement during this timeframe was 5.9 ppm. The peak measurements coincided with the cycling on of the pulsed sparging curtain at Brown's Creek and low early morning temperatures and lasted no longer than 10 minutes.
3/16/2017	13:26	3/17/2017	13:31	145	0.0	0.6	20.2	0.0	0.0	0.0	0.0	0.0	0.0	The highest 10-minute time-weighted average VOC measurement during this timeframe was 8.3 ppm. The peak measurements coincided with the cycling on of the pulsed sparging curtain at Brown's Creek and low early morning temperatures and lasted no longer than 20 minutes.
3/17/2017	13:41	3/18/2017	13:31	144	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/18/2017	13:41	3/19/2017	13:31	144	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	
3/19/2017	13:41	3/20/2017	13:01	141	0.0	0.8	12.0	0.0	0.0	0.0	0.0	0.0	0.0	The highest 10-minute time-weighted average VOC measurement during this timeframe was 5.9 ppm. The peak measurements coincided with the cycling on of the pulsed sparging curtain at Brown's Creek and low early morning temperatures and lasted no longer than 40 minutes.
3/20/2017	13:14	3/21/2017	13:04	144	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 0.3 ppm VOCs.
3/21/2017	13:14	3/22/2017	13:04	144	0.0	0.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	
3/22/2017	13:14	3/23/2017	13:04	144	0.0	0.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 1 ppm VOCs.
3/23/2017	13:14	3/24/2017	13:04	144	0.0	0.1	10.9	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 1 ppm VOCs.
3/24/2017	13:14	3/24/2017	15:34	15	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	The highest 10-minute time-weighted average VOC measurement during this timeframe was 10.4 ppm. The peak measurements coincided with the cycling on of the pulsed sparging curtain at Brown's Creek and low early morning temperatures and lasted no longer than 20 minutes.
3/24/2017	15:51	3/25/2017	15:41	144	0.0	0.8	29.6	0.0	0.0	0.0	0.0	0.0	0.0	
3/25/2017	15:51	3/26/2017	15:41	144	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	The highest 10-minute time-weighted average VOC measurement during this timeframe was 10.7 ppm. The peak measurements coincided with the cycling on of the pulsed sparging curtain at Brown's Creek and low early morning temperatures and lasted no longer than 20 minutes.
3/26/2017	15:51	3/27/2017	12:51	127	0.0	0.4	36.9	0.0	0.0	0.0	0.0	0.0	0.0	
3/27/2017	13:15	3/28/2017	13:05	144	0.0	0.2	29.7	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 4.7 ppm VOCs.

Table 1. Summary of Fixed Air Monitoring Readings

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/ Start Date	Start Time	End Date	End Time	Number of data points	Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
					Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
3/28/2017	13:15	3/29/2017	13:05	144	0.0	1.0	21.1	0.0	0.0	0.0	0.0	0.0	0.0	The highest 10-minute time-weighted average VOC measurement during this timeframe was 10.6 ppm. The peak measurements coincided with the cycling on of the pulsed sparging curtain at Brown's Creek and low early morning temperatures and lasted no longer than 20 minutes.
3/29/2017	13:15	3/30/2017	13:05	144	0.0	0.1	14.1	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 2 ppm VOCs.
3/30/2017	13:15	3/31/2017	12:25	140	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 1.3 ppm VOCs.
4/1/2017	12:40	4/2/2017	12:30	144	0.0	0.1	6.2	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 1.7 ppm VOCs.
4/2/2017	12:40	4/3/2017	12:30	144	0.0	0.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	

Notes:

Readings collected with a MultiRAE PGM-6228 calibrated with 1 ppm hydrogen sulfide and 10 ppm isobutylene calibration gases.

MultiRAE at RT-1 has serial number 23690-MBB3Z064Q8

MultiRAE at RT-2 has serial number 19798-MBB3Z187P8.

H₂S = hydrogen sulfide

LEL = lower explosive limit

ppm = parts per million

VOC = volatile organic compound

NC = not collected due to battery/equipment failure

Table 2. Summary of Mobile Air Monitoring Readings

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/ Date		Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
Date	Time	Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
SW-03											
3/2/2017	16:19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/3/2017	15:59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/4/2017	14:30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/5/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/6/2017	14:10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	System started up 3/6/2017
3/7/2017	9:03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	13:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/8/2017	11:12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	9:14	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/10/2017	10:05	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/11/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/12/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/13/2017	10:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/16/2017	13:59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/18/2017	12:49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/20/2017	12:57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/22/2017	9:19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/24/2017	15:27	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
3/27/2017	12:54	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/29/2017	11:05	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/31/2007	12:26	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	

Table 2. Summary of Mobile Air Monitoring Readings

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/ Date		Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
Date	Time	Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
SW-06											
3/2/2017	15:39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/3/2017	14:59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/4/2017	15:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/5/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/6/2017	13:25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	System started up 3/6/2017
3/7/2017	11:04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/8/2017	10:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	10:08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	12:54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/10/2017	12:21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/11/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/12/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/13/2017	11:18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/16/2017	13:01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/18/2017	13:32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/20/2017	12:27	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/22/2017	10:02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/24/2017	16:31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/27/2017	9:13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/29/2017	10:23	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/31/2017	12:45	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	

Table 2. Summary of Mobile Air Monitoring Readings

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/ Date		Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
	Time	Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
SW-12											
3/2/2017	16:37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	System started up 3/6/2017
3/3/2017	16:18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/4/2017	15:18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/5/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/6/2017	12:30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	8:45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	12:42	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
3/8/2017	11:30	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	8:53	0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	13:30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/10/2017	10:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/11/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/12/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/13/2017	9:41	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
3/16/2017	9:59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/18/2017	12:13	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
3/20/2017	9:14	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
3/22/2017	8:36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/24/2017	9:16	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
3/27/2017	10:26	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
3/29/2017	11:25	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
3/31/2017	9:45	0.0	0.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	

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Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/		Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
Date	Time	Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
Brown's Creek under Lewis Dr											
3/2/2017	17:14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	System started up 3/6/2017
3/3/2017	14:12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/4/2017	15:58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/5/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/6/2017	14:46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/6/2017	16:08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	9:42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	13:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/8/2017	12:13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	11:52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	13:50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/10/2017	12:43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/11/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/12/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/13/2017	13:40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/16/2017	14:17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/18/2017	14:52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/20/2017	13:31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/22/2017	11:07	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/24/2017	16:10	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/27/2017	13:18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/29/2017	11:58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/31/2017	13:17	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	

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Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/		Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
Date	Time	Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
Vertical sparge well cluster at Brown's Creek (includes MW-40)											
3/2/2017	16:54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/3/2017	16:51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/4/2017	14:53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/5/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/6/2017	14:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	System started up 3/6/2017
3/6/2017	15:48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	9:23	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	13:19	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
3/8/2017	11:45	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	8:36	0.0	0.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	13:13	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	
3/10/2017	10:39	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
3/11/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/12/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/13/2017	9:20	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/13/2017	14:00	0.0	0.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	
3/16/2017	9:34	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	
3/18/2017	12:29	0.0	0.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	
3/20/2017	9:40	0.0	0.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	
3/22/2017	8:53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/24/2017	9:47	0.0	0.5	6.8	0.0	0.0	0.0	0.0	0.0	0.0	
3/27/2017	10:04	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	
3/29/2017	11:42	0.0	3.6	16.3	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 6.4 ppm VOCs.
3/31/2017	10:05	0.0	0.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	

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Location/		Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
Date	Time	Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
Vertical sparge well cluster at Cupboard Creek (includes MW-19)											
3/2/2017	15:58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/3/2017	15:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/4/2017	14:11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/5/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/6/2017	11:38	0.0	1.1	30.8	0.0	0.0	0.0	0.0	0.0	0.0	Vaccing from RT-1, RS-8 and RW-11 in the vicinity at time of survey
3/6/2017	13:44	0.0	0.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	System started up 3/6/2017
3/7/2017	10:44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	14:39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/8/2017	9:45	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	9:42	0.0	0.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	12:17	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/10/2017	11:17	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/11/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/12/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/13/2017	10:56	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/16/2017	10:51	0.0	0.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	
3/18/2017	14:20	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/20/2017	10:27	0.0	0.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	
3/22/2017	10:42	0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	
3/24/2017	11:37	0.0	0.5	13.9	0.0	0.0	0.0	0.0	0.0	0.0	The 10-minute time-weighted average around the VOC peak measurement during this timeframe was 2.8 ppm VOCs.
3/27/2017	11:13	0.0	0.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	
3/29/2017	10:04	0.0	0.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/31/2017	10:42	0.0	0.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	

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Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/ Date		Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
	Time	Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
MW-09											
3/6/2017	15:06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	System started up 3/6/2017
3/7/2017	10:03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	13:58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/8/2017	10:48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	11:31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/10/2017	10:59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/11/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/12/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/13/2017	12:31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/16/2017	12:16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/18/2017	13:09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/20/2017	11:48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/22/2017	9:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/24/2017	12:33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/27/2017	12:06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/29/2017	10:44	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/31/2017	11:47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Table 2. Summary of Mobile Air Monitoring Readings

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location/		Volatile Organic Compounds (VOCs, ppm)			% Lower Explosive Limit (% LEL)			Hydrogen Sulfide (H ₂ S, ppm)			Note
Date	Time	Minimum	Average	Peak	Minimum	Average	Peak	Minimum	Average	Peak	
City of Belton water branch line valve to former residence at 112 Lewis Dr											
3/6/2017	13:06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	System started up 3/6/2017
3/6/2017	15:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	10:22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/7/2017	14:16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/8/2017	10:09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	10:27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/9/2017	12:36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/10/2017	11:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/10/2017	11:54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/11/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/12/2017	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	
3/13/2017	10:36	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/16/2017	12:41	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/18/2017	13:55	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/20/2017	12:08	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/22/2017	10:20	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/24/2017	13:02	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
3/27/2017	9:33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/29/2017	9:41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3/31/2017	12:07	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	

Notes:

Readings collected with a MultiRAE PGM-6228 (serial number 22523-MBB3Z034P9) calibrated with 1 ppm hydrogen sulfide and 10 ppm isobutylene calibration gases.

Biosparging system was started on March 6, 2017.

H₂S = hydrogen sulfide

LEL = lower explosive limit

MW = monitoring well location

ppm = parts per million

SW = surface water sampling point location

VOC = volatile organic compound

NC = not collected due to date occurring on a weekend

Table 3. Summary of Air Monitoring Calibration Results

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Date	Meter	Serial Number	Gas	Concentration	Calibration Gas Lot Number	Instrument Reading	Note
2/6/2017	16575	--	Methane (50% of LEL)	2.5%	BAQ-412-5	Pass	Fixed meter at RT-1 (swapped out for Meter 23690 due to equipment malfunction)
			Isobutylene	100 ppm	LTK045-RK-CM	Pass	
			Oxygen	20.9%	BAQ-412-5	Pass	
			Hydrogen sulfide	25 ppm	BAQ-412-5	Pass	
			Carbon monoxide	50 ppm	BAQ-412-5	Pass	
2/6/2017	19798	MBB3Z187P8	Methane (50% of LEL)	2.5%	DAQ-413-18-10	Pass	Fixed meter at RT-2
			Isobutylene	100 ppm	LTK045-RK-CM	Pass	
			Oxygen	18%	DAQ-413-18-10	Pass	
			Hydrogen sulfide	10 ppm	DAQ-413-18-10	Pass	
			Carbon monoxide	50 ppm	DAQ-413-18-10	Pass	
2/7/2017	22523	MBB3Z034P9	Methane (50% of LEL)	2.5%	DAQ-413-18-10	Pass	Mobile meter
			Isobutylene	100 ppm	LTK045-RK-CM	Pass	
			Oxygen	18%	DAQ-413-18-10	Pass	
			Hydrogen sulfide	10 ppm	DAQ-413-18-10	Pass	
			Carbon monoxide	50 ppm	DAQ-413-18-10	Pass	
3/2/2017	23690	MBB3Z064Q8	Methane (50% of LEL)	2.5%	LBG-431-18-1	Pass	Fixed meter at RT-1
			Isobutylene	10 ppm	LTA-235-RR-GM	Pass	
			Oxygen	18%	LBG-431-18-1	Pass	
			Hydrogen sulfide	10 ppm	LBG-431-18-1	Pass	
			Hydrogen sulfide	1 ppm	CBH-98-1-1	Pass	
Carbon monoxide	50 ppm	LBG-431-18-1	Pass				
3/2/2017	19798	MBB3Z187P8	Methane (50% of LEL)	2.5%	LBG-431-18-1	Pass	Fixed meter at RT-2
			Isobutylene	10 ppm	LTA-235-RR-GM	Pass	
			Oxygen	18%	LBG-431-18-1	Pass	
			Hydrogen sulfide	10 ppm	LBG-431-18-1	Pass	
			Hydrogen sulfide	1 ppm	CBH-98-1-1	Pass	
Carbon monoxide	50 ppm	LBG-431-18-1	Pass				
3/2/2017	22523	MBB3Z034P9	Methane (50% of LEL)	2.5%	LBG-431-18-1	Pass	Mobile meter
			Isobutylene	10 ppm	LTA-235-RR-GM	Pass	
			Oxygen	18%	LBG-431-18-1	Pass	
			Hydrogen sulfide	10 ppm	LBG-431-18-1	Pass	
			Hydrogen sulfide	1 ppm	CBH-98-1-1	Pass	
Carbon monoxide	50 ppm	LBG-431-18-1	Pass				

Table 3. Summary of Air Monitoring Calibration Results*Plantation Pipe Line Company**Lewis Drive Remediation, Belton, South Carolina**Site ID #18693 "Kinder Morgan Belton Pipeline Release"*

Date	Meter	Serial Number	Gas	Concentration	Calibration Gas	Instrument	Note
					Lot Number	Reading	
3/24/2017	23690	MBB3Z064Q8	Methane (50% of LEL)	50.0%	LBG-431-18-1	Pass	Fixed meter at RT-1
			Isobutylene	10 ppm	LTA-235-RR-GM	Pass	
			Oxygen	18%	LBG-431-18-1	Pass	
			Hydrogen sulfide	10 ppm	LBG-431-18-1	Pass	
			Hydrogen sulfide	1 ppm	CBH-98-1-1	Pass	
			Carbon monoxide	50 ppm	LBG-431-18-1	Pass	
3/24/2017	22523	MBB3Z034P9	Methane (50% of LEL)	50.0%	LBG-431-18-1	Pass	Mobile meter
			Isobutylene	10 ppm	LTA-235-RR-GM	Pass	
			Oxygen	18%	LBG-431-18-1	Pass	
			Hydrogen sulfide	10 ppm	LBG-431-18-1	Pass	
			Hydrogen sulfide	1 ppm	CBH-98-1-1	Pass	
			Carbon monoxide	50 ppm	LBG-431-18-1	Pass	
3/24/2017	19798	MBB3Z187P8	Methane (50% of LEL)	50.0%	LBG-431-18-1	Pass	Fixed meter at RT-2
			Isobutylene	10 ppm	LTA-235-RR-GM	Pass	
			Oxygen	18%	LBG-431-18-1	Pass	
			Hydrogen sulfide	10 ppm	LBG-431-18-1	Pass	
			Hydrogen sulfide	1 ppm	CBH-98-1-1	Pass	
			Carbon monoxide	50 ppm	LBG-431-18-1	Pass	
4/3/2017 (ambient air check)	22523	MBB3Z034P9	Methane (50% of LEL)	0.0%	Fresh Air	0	Mobile meter (ambient air check)
			Isobutylene	0.0 ppm	Fresh Air	0.0	
			Oxygen	20.9%	Fresh Air	21.5	
			Hydrogen sulfide	0 ppm	Fresh Air	0	
			Hydrogen sulfide	0 ppm	Fresh Air	0	
			Carbon monoxide	0 ppm	Fresh Air	0	

Notes:

LEL = lower explosive limit

ppm = parts per million

Table 4. Summary of Weather Observations

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Date	Temperature (°F)	Wind (mph)	Wind Direction Origin	Observation
3/2/2017	65	0-5	west	sunny
3/3/2017	60	5-10	northwest	sunny
3/4/2017	60	5-10	west	sunny
3/5/2017	NC	NC	NC	NC
3/6/2017	65	0-5	southwest	partly sunny
3/7/2017	65	5-10	northwest	partly cloudy
3/8/2017	70	5-10	west-northwest	sunny
3/9/2017	70	5-10	northwest	sunny
3/10/2017	70	10-15	west	sunny
3/11/2017	NC	NC	NC	NC
3/12/2017	NC	NC	NC	NC
3/13/2017	43	10-15	northeast	cloudy with periods of rain
3/16/2017	47	5-10	west-southwest	sunny
3/18/2017	63	5-10	west-southwest	cloudy
3/20/2017	65	0-5	southwest	sunny
3/22/2017	60	5-10	north-northeast	cloudy
3/24/2017	70	5-10	west-southwest	partly cloudy
3/27/2017	75	0-5	south-southwest	partly cloudy
3/29/2017	70	5-10	east-northeast	sunny
3/31/2017	70	15-20	west-southwest	sunny
4/3/2017	66	15-20	south	cloudy

Note:

mph = miles per hour

°F = degrees Fahrenheit

NC = not collected due to day occurring on weekend

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-01					853.07					
	3/2/2017	-	9.43	-		843.64	-			
	2/2/2017	-	9.77	-		843.30	-			
	1/5/2017	-	14.12	-		838.95	-			
	12/21/2016	-	15.29	-		837.78	-			
	12/7/2016	-	15.23	-		837.84	-			
	11/28/2016	-	DRY	-		-	-			
	11/10/2016	-	14.42	-		838.65	-			
	10/31/2016	-	14.53	-		838.54	-			
	10/24/2016	-	14.42	-		838.65	-			
	10/17/2016	-	14.35	-		838.72	-			
	10/9/2016	-	14.22	-		838.85	-			
	10/4/2016	-	14.05	-		839.02	-			
	9/27/2016	-	13.89	-		839.18	-			
	9/19/2016	-	13.61	-		839.46	-			
	9/12/2016	-	13.41	-		839.66	-			
	9/9/2016	-	13.25	-		839.82	-			
	9/6/2016	-	12.72	-		840.35	-			
	9/2/2016	-	12.88	-		840.19	-			
MW-01B					852.99					
	3/2/2017	-	11.27	-		841.72	-			
	2/2/2017	-	12.80	-		840.19	-			
	1/5/2017	15.38	15.39	0.01		837.60	837.61			
	12/21/2016	-	15.53	-		837.46	-			
	12/7/2016	-	15.62	-		837.37	-			
	11/28/2016	-	14.72	-		838.27	-			
	11/10/2016	-	13.66	-		839.33	-			
	10/31/2016	-	13.89	-		839.10	-			
	10/24/2016	-	13.76	-		839.23	-			
	10/17/2016	-	13.70	-		839.29	-			
	10/9/2016	-	13.38	-		839.61	-			
	10/4/2016	-	13.25	-		839.74	-			
	9/27/2016	-	13.11	-		839.88	-			
	9/19/2016	-	12.83	-		840.16	-			
	9/12/2016	-	12.60	-		840.39	-			
	9/9/2016	-	12.50	-		840.49	-			
	9/6/2016	-	12.12	-		840.87	-			
	9/2/2016	-	12.10	-		840.89	-			
MW-02					841.04					
	3/2/2017	10.60	10.61	0.01		830.43	830.44			
	2/2/2017	10.85	11.00	0.15		830.04	830.15			
	1/5/2017	12.96	13.29	0.33		827.75	827.99			
	12/21/2016	14.24	15.20	0.96		825.84	826.54			
	11/28/2016	13.67	14.62	0.95		826.42	827.11			
	11/10/2016	-	11.52	-		829.52	-			
	10/31/2016	-	11.45	-		829.59	-			
	10/24/2016	-	11.32	-		829.72	-			
	10/17/2016	-	11.20	-		829.84	-			
	10/9/2016	-	10.96	-		830.08	-			
	10/4/2016	-	10.90	-		830.14	-			
	9/27/2016	-	10.83	-		830.21	-			
	9/19/2016	9.81	10.13	0.32		830.91	831.14			
	9/12/2016	9.74	10.10	0.36		830.94	831.20			
	9/9/2016	9.69	10.12	0.43		830.92	831.24			
	9/6/2016	9.67	10.08	0.41		830.96	831.26			
	9/2/2016	9.69	10.01	0.32		831.03	831.26			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-02B					841.18					
	3/2/2017	-	12.64	-		828.54	-			
	2/2/2017	-	11.85	-		829.33	-			
	1/5/2017	-	13.67	-		827.51	-			
	12/21/2016	-	14.81	-		826.37	-			
	11/28/2016	-	14.28	-		826.90	-			
	11/10/2016	-	11.63	-		829.55	-			
	10/31/2016	-	11.51	-		829.67	-			
	10/24/2016	-	11.35	-		829.83	-			
	10/17/2016	-	11.48	-		829.70	-			
	10/9/2016	-	11.35	-		829.83	-			
	10/4/2016	-	11.30	-		829.88	-			
	9/27/2016	-	11.13	-		830.05	-			
	9/19/2016	-	10.61	-		830.57	-			
	9/12/2016	-	10.56	-		830.62	-			
	9/9/2016	-	10.45	-		830.73	-			
	9/6/2016	-	10.34	-		830.84	-			
	9/2/2016	-	10.25	-		830.93	-			
MW-03					838.36					
	3/2/2017	-	11.52	-		826.84	-			
	2/2/2017	-	11.80	-		826.56	-			
	1/5/2017	-	13.14	-		825.22	-			
	12/21/2016	-	14.10	-		824.26	-			
	11/28/2016	-	13.34	-		825.02	-			
	11/10/2016	-	11.48	-		826.88	-			
	10/31/2016	-	11.38	-		826.98	-			
	10/24/2016	-	11.24	-		827.12	-			
	10/17/2016	-	11.22	-		827.14	-			
	10/9/2016	-	11.15	-		827.21	-			
	10/4/2016	-	11.02	-		827.34	-			
	9/27/2016	-	10.88	-		827.48	-			
	9/19/2016	-	10.72	-		827.64	-			
	9/12/2016	-	10.64	-		827.72	-			
	9/9/2016	-	10.57	-		827.79	-			
	9/6/2016	-	10.49	-		827.87	-			
	9/2/2016	-	10.39	-		827.97	-			
MW-04					844.42					
	3/2/2017	-	14.15	-		830.27	-			
	2/2/2017	-	14.80	-		829.62	-			
	1/5/2017	-	16.95	-		827.47	-			
	12/21/2016	-	17.03	-		827.39	-			
	11/28/2016	-	16.53	-		827.89	-			
	11/10/2016	-	12.85	-		831.57	-			
	10/31/2016	-	13.28	-		831.14	-			
	10/24/2016	-	13.10	-		831.32	-			
	10/17/2016	-	13.02	-		831.40	-			
	10/9/2016	-	12.94	-		831.48	-			
	10/4/2016	-	12.88	-		831.54	-			
	9/27/2016	-	12.78	-		831.64	-			
	9/19/2016	-	12.66	-		831.76	-			
	9/12/2016	-	12.61	-		831.81	-			
	9/9/2016	-	12.56	-		831.86	-			
	9/6/2016	-	12.42	-		832.00	-			
	9/2/2016	-	12.36	-		832.06	-			
MW-05					851.11					
	3/2/2017	-	18.51	-		832.60	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-05 (cont'd)	2/2/2017	-	19.55	-		831.56	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	19.51	-		831.60	-			
	12/7/2016	-	19.46	-		831.65	-			
	11/28/2016	-	19.47	-		831.64	-			
	11/10/2016	-	12.80	-		838.31	-			
	10/31/2016	-	12.93	-		838.18	-			
	10/24/2016	-	12.79	-		838.32	-			
	10/17/2016	-	12.70	-		838.41	-			
	10/9/2016	-	12.60	-		838.51	-			
	10/4/2016	-	12.59	-		838.52	-			
	9/27/2016	-	12.54	-		838.57	-			
	9/19/2016	-	12.34	-		838.77	-			
	9/12/2016	-	16.28	-		834.83	-			
	9/9/2016	-	16.21	-		834.90	-			
9/6/2016	-	16.14	-		834.97	-				
9/2/2016	-	16.20	-		834.91	-				
MW-06					852.92					
	3/2/2017	-	17.68	-		835.24	-			
	2/2/2017	-	18.18	-		834.74	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	18.40	-		834.52	-			
	11/28/2016	-	17.78	-		835.14	-			
	11/10/2016	-	14.83	-		838.09	-			
	10/31/2016	-	14.78	-		838.14	-			
	10/24/2016	-	14.64	-		838.28	-			
	10/17/2016	-	14.56	-		838.36	-			
	10/9/2016	-	14.52	-		838.40	-			
	10/4/2016	-	14.49	-		838.43	-			
	9/27/2016	-	14.36	-		838.56	-			
	9/19/2016	-	14.05	-		838.87	-			
	9/12/2016	-	13.98	-		838.94	-			
	9/9/2016	-	13.93	-		838.99	-			
	9/6/2016	-	13.88	-		839.04	-			
	9/2/2016	-	13.85	-		839.07	-			
MW-07					853.02					
	3/2/2017	-	13.22	-		839.80	-			
	2/2/2017	-	13.19	-		839.83	-			
	1/5/2017	13.20	13.21	0.01		839.81	839.81			
	12/21/2016	-	13.21	-		839.81	-			
	12/7/2016	-	13.08	-		839.94	-			
	11/28/2016	-	13.20	-		839.82	-			
	11/10/2016	-	14.20	-		838.82	-			
	10/31/2016	-	14.10	-		838.92	-			
	10/24/2016	-	13.93	-		839.09	-			
	10/17/2016	-	13.89	-		839.13	-			
	10/9/2016	-	13.82	-		839.20	-			
	10/4/2016	-	13.77	-		839.25	-			
	9/27/2016	-	13.68	-		839.34	-			
	9/19/2016	-	13.55	-		839.47	-			
	9/12/2016	-	13.46	-		839.56	-			
	9/9/2016	-	13.37	-		839.65	-			
	9/6/2016	-	13.26	-		839.76	-			
	9/2/2016	-	13.16	-		839.86	-			
MW-08					844.72					
	3/2/2017	-	15.70	-		829.02	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-08 (cont'd)	2/2/2017	-	14.97	-	-	829.75	-			
	1/5/2017	-	16.20	-	-	828.52	-			
	12/21/2016	-	17.95	-	-	826.77	-			
	11/28/2016	-	17.49	-	-	827.23	-			
	11/10/2016	-	14.35	-	-	830.37	-			
	10/31/2016	-	14.26	-	-	830.46	-			
	10/24/2016	-	14.05	-	-	830.67	-			
	10/17/2016	-	13.96	-	-	830.76	-			
	10/9/2016	-	13.90	-	-	830.82	-			
	10/4/2016	-	13.78	-	-	830.94	-			
	9/27/2016	-	13.72	-	-	831.00	-			
	9/19/2016	-	13.43	-	-	831.29	-			
	9/12/2016	-	13.54	-	-	831.18	-			
	9/9/2016	-	13.38	-	-	831.34	-			
	9/6/2016	-	13.31	-	-	831.41	-			
9/2/2016	-	13.20	-	-	831.52	-				
MW-09					843.63					
	3/2/2017	-	12.03	-	-	831.60	-			
	2/2/2017	-	12.09	-	-	831.54	-			
	1/5/2017	13.69	13.70	0.01	-	829.93	829.94			
	12/30/2016	15.30	15.90	0.60	-	827.73	828.17	12/30/2016	15:14	15:24
	12/21/2016	14.80	16.79	1.99	-	826.84	828.29	12/22/2016	14:30	14:40
	12/7/2016	14.25	16.07	1.82	-	827.56	828.89			
	11/28/2016	14.38	16.25	1.87	-	827.38	828.75			
	11/10/2016	10.33	11.21	0.88	-	832.42	833.06			
	10/31/2016	10.30	11.40	1.10	-	832.23	833.04			
	10/24/2016	10.15	11.28	1.13	-	832.35	833.18			
	10/17/2016	10.10	11.22	1.12	-	832.41	833.23			
	10/9/2016	10.03	11.13	1.10	-	832.50	833.31			
	10/4/2016	9.92	11.01	1.09	-	832.62	833.42			
	9/27/2016	9.88	10.96	1.08	-	832.67	833.46			
	9/19/2016	9.74	10.89	1.15	-	832.74	833.58			
	9/12/2016	9.20	10.83	1.63	-	832.80	833.99			
	9/9/2016	9.60	10.78	1.18	-	832.85	833.71			
	9/6/2016	9.67	10.88	1.21	-	832.75	833.64			
	9/2/2016	9.56	10.84	1.28	-	832.79	833.73			
MW-10					845.41					
	3/2/2017	-	15.91	-	-	829.50	-			
	2/2/2017	-	17.05	-	-	828.36	-			
	1/5/2017	-	19.70	-	-	825.71	-			
	12/21/2016	-	20.03	-	-	825.38	-			
	11/28/2016	-	19.86	-	-	825.55	-			
	11/10/2016	-	18.30	-	-	827.11	-			
	10/31/2016	-	18.25	-	-	827.16	-			
	10/24/2016	-	18.30	-	-	827.11	-			
	10/17/2016	-	18.21	-	-	827.20	-			
	10/9/2016	-	18.13	-	-	827.28	-			
	10/4/2016	-	18.10	-	-	827.31	-			
	9/27/2016	-	17.98	-	-	827.43	-			
	9/19/2016	-	17.81	-	-	827.60	-			
	9/12/2016	-	17.73	-	-	827.68	-			
	9/9/2016	-	17.40	-	-	828.01	-			
	9/6/2016	-	17.36	-	-	828.05	-			
	9/2/2016	-	17.31	-	-	828.10	-			
MW-11					855.63					
	3/2/2017	-	DRY	-	-	-	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-11 (cont'd)	2/2/2017	-	DRY	-	-	-	-			
	1/5/2017	-	DRY	-	-	-	-			
	12/21/2016	-	DRY	-	-	-	-			
	12/7/2016	-	31.32	-	-	824.31	-			
	11/28/2016	-	31.32	-	-	824.31	-			
	11/10/2016	-	31.32	-	-	824.31	-			
	10/31/2016	-	31.10	-	-	824.53	-			
	10/24/2016	-	30.85	-	-	824.78	-			
	10/17/2016	-	30.67	-	-	824.96	-			
	10/9/2016	30.16	31.28	1.12	-	824.35	825.17			
	10/4/2016	30.10	31.27	1.17	-	824.36	825.21			
	9/27/2016	29.73	31.10	1.37	-	824.53	825.53			
	9/19/2016	29.28	30.57	1.29	-	825.06	826.00			
	9/12/2016	29.13	30.10	0.97	-	825.53	826.24			
	9/9/2016	29.00	29.93	0.93	-	825.70	826.38			
	9/6/2016	28.71	29.56	0.85	-	826.07	826.69			
9/2/2016	28.66	29.60	0.94	-	826.03	826.72				
MW-12					834.53					
	3/30/2017	15.05	15.28	0.23		819.25	819.42			
	3/27/2017	15.04	15.73	0.69		818.80	819.31			
	3/20/2017	14.81	15.20	0.39		819.34	819.62			
	3/13/2017	14.89	15.62	0.73		818.92	819.45			
	3/10/2017	14.76	15.39	0.63		819.14	819.60			
	3/9/2017	14.90	15.71	0.81		818.82	819.41			
	3/8/2017	14.78	15.41	0.63		819.12	819.58			
	3/7/2017	14.71	15.19	0.48		819.34	819.69			
	3/6/2017	14.99	15.57	0.58		818.96	819.39			
	3/2/2017	15.35	16.30	0.95		818.23	818.93			
	2/2/2017	15.57	16.71	1.14		817.82	818.65			
	1/19/2017	15.80	17.15	1.35		817.38	818.37			
	1/5/2017	15.64	16.91	1.27		817.62	818.55			
	12/21/2016	15.88	17.41	1.53		817.12	818.24	12/22/2016	13:30	13:40
	12/7/2016	15.76	17.16	1.40		817.37	818.39			
	11/28/2016	15.91	17.41	1.50		817.12	818.22			
	11/10/2016	15.70	17.25	1.55		817.28	818.41			
	10/31/2016	15.01	17.05	2.04		817.48	818.97			
	10/24/2016	15.54	16.90	1.36		817.63	818.63			
	10/17/2016	15.37	16.70	1.33		817.83	818.80			
	10/9/2016	15.21	16.44	1.23		818.09	818.99			
	10/4/2016	15.12	16.36	1.24		818.17	819.08			
	9/27/2016	15.02	16.18	1.16		818.35	819.20			
	9/19/2016	14.80	15.92	1.12		818.61	819.43			
	9/12/2016	14.60	15.70	1.10		818.83	819.64			
	9/9/2016	14.49	15.46	0.97		819.07	819.78			
	9/6/2016	14.28	15.33	1.05		819.20	819.97			
	9/2/2016	14.23	15.22	0.99		819.31	820.04			
MW-12B					834.98					
	3/30/2017	-	15.48	-		819.50	-			
	3/27/2017	-	15.54	-		819.44	-			
	3/20/2017	-	15.45	-		819.53	-			
	3/13/2017	-	15.33	-		819.65	-			
	3/10/2017	-	15.17	-		819.81	-			
	3/9/2017	-	15.41	-		819.57	-			
	3/8/2017	-	15.19	-		819.79	-			
	3/7/2017	15.12	15.13	0.01		819.85	819.85			
	3/6/2017	-	15.32	-		819.66	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-12B (cont'd)	3/2/2017	-	15.87	-		819.11	-			
	2/2/2017	-	16.17	-		818.81	-			
	1/5/2017	-	16.27	-		818.71	-			
	12/21/2016	-	16.58	-		818.40	-			
	12/7/2016	-	16.42	-		818.56	-			
	11/28/2016	-	16.62	-		818.36	-			
	11/10/2016	-	16.54	-		818.44	-			
	10/31/2016	-	16.48	-		818.50	-			
	10/24/2016	-	16.07	-		818.91	-			
	10/17/2016	-	16.03	-		818.95	-			
	10/9/2016	-	15.81	-		819.17	-			
	10/4/2016	-	15.77	-		819.21	-			
	9/27/2016	-	15.65	-		819.33	-			
	9/19/2016	-	15.45	-		819.53	-			
	9/12/2016	-	15.26	-		819.72	-			
	9/9/2016	-	15.13	-		819.85	-			
9/6/2016	-	14.91	-		820.07	-				
9/2/2016	-	14.85	-		820.13	-				
MW-13					848.84					
MW-13B	3/2/2017	-	22.05	-		826.79	-			
	2/2/2017	-	22.04	-		826.80	-			
	1/5/2017	-	22.06	-		826.78	-			
	12/21/2016	-	22.05	-		826.79	-			
	12/7/2016	-	21.15	-		827.69	-			
	11/28/2016	-	21.90	-		826.94	-			
	11/10/2016	-	22.61	-		826.23	-			
	10/31/2016	-	22.77	-		826.07	-			
	10/24/2016	-	22.63	-		826.21	-			
	10/17/2016	-	21.57	-		827.27	-			
	10/9/2016	-	21.60	-		827.24	-			
	10/4/2016	-	21.94	-		826.90	-			
	9/27/2016	-	21.89	-		826.95	-			
	9/19/2016	-	21.79	-		827.05	-			
	9/12/2016	-	21.85	-		826.99	-			
	9/9/2016	-	21.10	-		827.74	-			
9/6/2016	-	21.18	-		827.66	-				
9/2/2016	-	21.16	-		827.68	-				
MW-13B					849.82					
MW-14	3/2/2017	-	24.80	-		825.02	-			
	2/2/2017	-	25.35	-		824.47	-			
	1/5/2017	-	25.90	-		823.92	-			
	12/21/2016	-	25.69	-		824.13	-			
	11/28/2016	-	25.21	-		824.61	-			
	11/10/2016	-	23.78	-		826.04	-			
	10/31/2016	-	23.85	-		825.97	-			
	10/24/2016	-	23.77	-		826.05	-			
	10/17/2016	-	23.68	-		826.14	-			
	10/9/2016	-	23.47	-		826.35	-			
	10/4/2016	-	23.50	-		826.32	-			
	9/27/2016	-	22.76	-		827.06	-			
	9/19/2016	-	22.54	-		827.28	-			
	9/12/2016	-	22.65	-		827.17	-			
	9/9/2016	-	22.42	-		827.40	-			
	9/6/2016	-	22.36	-		827.46	-			
9/2/2016	-	22.32	-		827.50	-				

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-14 (cont'd)	3/2/2017	-	18.87	-		819.83	-			
	2/2/2017	-	19.23	-		819.47	-			
	1/5/2017	-	19.80	-		818.90	-			
	12/21/2016	-	19.82	-		818.88	-			
	11/28/2016	-	19.71	-		818.99	-			
	11/10/2016	-	18.38	-		820.32	-			
	10/31/2016	-	18.32	-		820.38	-			
	10/24/2016	-	18.04	-		820.66	-			
	10/17/2016	-	17.96	-		820.74	-			
	10/9/2016	-	17.50	-		821.20	-			
	10/4/2016	-	17.90	-		820.80	-			
	9/27/2016	-	17.76	-		820.94	-			
	9/19/2016	-	17.73	-		820.97	-			
	9/12/2016	-	17.80	-		820.90	-			
	9/9/2016	-	17.51	-		821.19	-			
9/6/2016	-	17.58	-		821.12	-				
9/2/2016	-	17.51	-		821.19	-				
MW-14B					840.20					
MW-14B	3/2/2017	-	20.62	-		819.58	-			
	2/2/2017	-	21.10	-		819.10	-			
	1/5/2017	-	21.40	-		818.80	-			
	12/21/2016	-	21.52	-		818.68	-			
	11/28/2016	-	20.55	-		819.65	-			
	11/10/2016	-	18.94	-		821.26	-			
	10/31/2016	-	18.85	-		821.35	-			
	10/24/2016	-	19.09	-		821.11	-			
	10/17/2016	-	19.12	-		821.08	-			
	10/9/2016	-	19.10	-		821.10	-			
	10/4/2016	-	19.07	-		821.13	-			
	9/27/2016	-	18.95	-		821.25	-			
	9/19/2016	-	18.82	-		821.38	-			
	9/12/2016	-	18.80	-		821.40	-			
	9/9/2016	-	20.03	-		820.17	-			
9/6/2016	-	20.10	-		820.10	-				
9/2/2016	-	20.03	-		820.17	-				
MW-15					831.03					
MW-15	3/30/2017	-	13.69	-		817.34	-			
	3/27/2017	-	13.78	-		817.25	-			
	3/20/2017	-	13.12	-		817.92	-			
	3/13/2017	-	13.27	-		817.76	-			
	3/10/2017	-	12.87	-		818.16	-			
	3/9/2017	-	13.28	-		817.75	-			
	3/8/2017	-	13.02	-		818.01	-			
	3/7/2017	-	12.33	-		818.70	-			
	3/6/2017	-	12.79	-		818.24	-			
	3/2/2017	-	13.85	-		817.18	-			
	2/2/2017	-	13.87	-		817.16	-			
	1/5/2017	-	13.95	-		817.08	-			
	12/21/2016	-	14.40	-		816.63	-			
	12/7/2016	-	14.21	-		816.82	-			
	11/28/2016	-	14.43	-		816.60	-			
	11/10/2016	-	14.21	-		816.82	-			
	10/31/2016	-	14.10	-		816.93	-			
	10/24/2016	-	13.96	-		817.07	-			
10/17/2016	-	13.88	-		817.15	-				
10/9/2016	-	13.80	-		817.23	-				

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-15 (cont'd)	10/4/2016	-	13.71	-		817.32	-			
	9/27/2016	-	13.41	-		817.62	-			
	9/19/2016	-	13.28	-		817.75	-			
	9/12/2016	-	13.33	-		817.70	-			
	9/9/2016	-	13.20	-		817.83	-			
	9/6/2016	-	13.16	-		817.87	-			
	9/2/2016	-	13.10	-		817.93	-			
MW-15B					831.29					
	3/30/2017	-	16.47	-		814.82	-			
	3/27/2017	-	16.69	-		814.60	-			
	3/20/2017	-	16.68	-		814.61	-			
	3/13/2017	-	16.63	-		814.66	-			
	3/10/2017	-	16.42	-		814.87	-			
	3/9/2017	-	16.18	-		815.11	-			
	3/8/2017	-	16.91	-		814.38	-			
	3/7/2017	-	16.46	-		814.83	-			
	3/6/2017	-	16.87	-		814.42	-			
	3/2/2017	-	17.01	-		814.28	-			
	2/2/2017	-	17.12	-		814.17	-			
	1/5/2017	-	17.22	-		814.07	-			
	12/21/2016	-	17.46	-		813.83	-			
	12/7/2016	-	17.34	-		813.95	-			
	11/28/2016	-	17.63	-		813.66	-			
	11/10/2016	-	17.21	-		814.08	-			
	10/31/2016	-	17.03	-		814.26	-			
	10/24/2016	-	16.88	-		814.41	-			
	10/17/2016	-	16.84	-		814.45	-			
	10/9/2016	-	16.77	-		814.52	-			
	10/4/2016	-	16.70	-		814.59	-			
	9/27/2016	-	16.66	-		814.63	-			
	9/19/2016	-	16.46	-		814.83	-			
	9/12/2016	-	17.12	-		814.17	-			
	9/9/2016	-	17.05	-		814.24	-			
	9/6/2016	-	17.28	-		814.01	-			
	9/2/2016	-	17.21	-		814.08	-			
MW-16					847.67					
	3/2/2017	15.05	18.55	3.50		829.12	831.67			
	2/2/2017	15.10	19.30	4.20		828.37	831.43			
	1/19/2017	15.45	20.00	4.55		827.67	830.99			
	1/5/2017	15.40	20.00	4.60		827.67	831.02			
	12/30/2016	15.40	20.00	4.60		827.67	831.02	12/30/2016	11:27	11:33
	12/21/2016	15.22	20.02	4.80		827.65	831.15	12/22/2016	15:36	15:46
	12/7/2016	14.91	19.98	5.07		827.69	831.39			
	11/28/2016	14.56	19.39	4.83		828.28	831.80			
	11/10/2016	12.43	12.70	0.27		834.97	835.16			
	10/31/2016	12.55	12.73	0.18		834.94	835.07			
	10/24/2016	12.48	12.64	0.16		835.03	835.14			
	10/17/2016	12.42	12.58	0.16		835.09	835.20			
	10/9/2016	12.40	12.55	0.15		835.12	835.22			
	10/4/2016	12.31	12.46	0.15		835.21	835.31			
	9/27/2016	12.21	13.33	1.12		834.34	835.15			
	9/19/2016	12.12	13.34	1.22		834.33	835.22			
	9/12/2016	12.08	13.29	1.21		834.38	835.26			
	9/9/2016	12.05	13.22	1.17		834.45	835.30			
	9/6/2016	11.71	12.33	0.62		835.34	835.79			
	9/2/2016	10.36	10.86	0.50		836.81	837.17			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-17					855.35					
	3/30/2017	-	10.84	-		844.51	-			
	3/20/2017	-	10.83	-		844.52	-			
	3/13/2017	-	10.82	-		844.53	-			
	3/2/2017	-	10.83	-		844.52	-			
	2/2/2017	-	10.84	-		844.51	-			
	1/5/2017	-	10.83	-		844.52	-			
	12/21/2016	-	10.85	-		844.50	-			
	12/7/2016	-	10.80	-		844.55	-			
	11/28/2016	-	10.82	-		844.53	-			
	11/10/2016	-	12.03	-		843.32	-			
	10/31/2016	-	11.94	-		843.41	-			
	10/24/2016	-	11.89	-		843.46	-			
	10/17/2016	-	11.83	-		843.52	-			
	10/9/2016	-	11.76	-		843.59	-			
	10/4/2016	-	11.71	-		843.64	-			
	9/27/2016	-	11.57	-		843.78	-			
	9/19/2016	-	11.43	-		843.92	-			
	9/12/2016	-	11.33	-		844.02	-			
	9/9/2016	-	11.28	-		844.07	-			
	9/6/2016	-	11.21	-		844.14	-			
	9/2/2016	-	11.13	-		844.22	-			
MW-17B					855.37					
	3/30/2017	-	18.98	-		836.39	-			
	3/20/2017	-	19.06	-		836.31	-			
	3/13/2017	-	19.05	-		836.32	-			
	3/2/2017	-	19.28	-		836.09	-			
	2/2/2017	-	19.79	-		835.58	-			
	1/5/2017	-	21.11	-		834.26	-			
	12/21/2016	-	19.93	-		835.44	-			
	12/7/2016	-	19.51	-		835.86	-			
	11/28/2016	-	19.53	-		835.84	-			
	11/10/2016	-	16.18	-		839.19	-			
	10/31/2016	-	16.00	-		839.37	-			
	10/24/2016	-	15.93	-		839.44	-			
	10/17/2016	-	15.88	-		839.49	-			
	10/9/2016	-	15.98	-		839.39	-			
	10/4/2016	-	15.80	-		839.57	-			
	9/27/2016	-	15.72	-		839.65	-			
	9/19/2016	-	15.68	-		839.69	-			
	9/12/2016	-	15.65	-		839.72	-			
	9/9/2016	-	15.59	-		839.78	-			
	9/6/2016	-	15.57	-		839.80	-			
	9/2/2016	-	15.46	-		839.91	-			
MW-18					846.89					
	3/2/2017	17.16	19.45	2.29		827.44	829.11			
	2/2/2017	17.29	19.55	2.26		827.34	828.99			
	1/19/2017	18.22	19.75	1.53		827.14	828.25			
	1/5/2017	18.40	NO WATER	1.70		-	-			
	12/21/2016	18.05	19.62	1.57		827.27	828.41			
	12/7/2016	17.69	19.59	1.90		827.30	828.68			
	11/28/2016	17.49	19.64	2.15		827.25	828.81			
	11/10/2016	14.76	15.96	1.20		830.93	831.80			
	10/31/2016	14.64	15.83	1.19		831.06	831.92			
	10/24/2016	14.71	15.93	1.22		830.96	831.85			
	10/17/2016	14.63	15.94	1.31		830.95	831.90			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-18 (cont'd)	10/9/2016	14.60	15.87	1.27		831.02	831.94			
	10/4/2016	14.56	15.88	1.32		831.01	831.97			
	9/27/2016	14.44	15.73	1.29		831.16	832.10			
	9/19/2016	14.33	15.67	1.34		831.22	832.19			
	9/12/2016	14.24	15.61	1.37		831.28	832.28			
	9/9/2016	14.17	15.46	1.29		831.43	832.37			
	9/6/2016	14.10	15.41	1.31		831.48	832.43			
	9/2/2016	14.04	15.37	1.33		831.52	832.49			
MW-19					853.94					
	3/30/2017	-	11.77	-		842.17	-			
	3/27/2017	-	11.86	-		842.08	-			
	3/20/2017	-	11.79	-		842.15	-			
	3/13/2017	-	11.77	-		842.17	-			
	3/10/2017	-	11.71	-		842.23	-			
	3/9/2017	-	11.79	-		842.15	-			
	3/8/2017	-	11.78	-		842.16	-			
	3/7/2017	-	11.77	-		842.17	-			
	3/6/2017	11.76	11.76	0.00		842.18	842.18			
	3/2/2017	-	11.75	-		842.19	-			
	2/2/2017	-	11.73	-		842.21	-			
	1/5/2017	-	11.79	-		842.15	-			
	12/21/2016	-	11.79	-		842.15	-			
	12/7/2016	-	11.75	-		842.19	-			
	11/28/2016	-	11.75	-		842.19	-			
	11/10/2016	-	12.38	-		841.56	-			
	10/31/2016	-	12.27	-		841.67	-			
	10/24/2016	-	12.37	-		841.57	-			
	10/17/2016	-	12.25	-		841.69	-			
	10/9/2016	-	11.83	-		842.11	-			
	10/4/2016	-	11.80	-		842.14	-			
	9/27/2016	-	11.75	-		842.19	-			
	9/19/2016	-	11.86	-		842.08	-			
	9/12/2016	-	11.93	-		842.01	-			
	9/9/2016	-	11.85	-		842.09	-			
	9/6/2016	-	11.80	-		842.14	-			
	9/2/2016	-	11.75	-		842.19	-			
MW-20					852.89					
	3/30/2017	13.34	15.94	2.60		836.95	838.84			
	3/27/2017	14.41	16.00	1.59		836.89	838.05			
	3/20/2017	14.48	15.60	1.12		837.29	838.11			
	3/13/2017	14.60	16.33	1.73		836.56	837.82			
	3/10/2017	14.59	16.34	1.75		836.55	837.82			
	3/9/2017	14.60	15.32	0.72		837.57	838.09			
	3/8/2017	14.63	15.39	0.76		837.50	838.05			
	3/7/2017	14.71	16.43	1.72		836.46	837.71			
	3/6/2017	14.77	16.56	1.79		836.33	837.64			
	3/2/2017	14.74	16.55	1.81		836.34	837.66			
	2/2/2017	15.20	17.30	2.10		835.59	837.12			
	1/26/2017	15.30	17.00	1.70		835.89	837.13			
	1/16/2017	15.40	17.72	2.32		835.17	836.86			
	1/5/2017	15.68	17.64	1.96		835.25	836.68			
	12/30/2016	15.70	18.00	2.30		834.89	836.56	12/30/2016	11:05	11:10
	12/21/2016	15.57	17.56	1.99		835.33	836.78	12/22/2016	17:35	17:45
	12/7/2016	-	15.28	-		837.61	-			
	11/28/2016	15.18	17.14	1.96		835.75	837.18			
	11/10/2016	12.23	13.83	1.60		839.06	840.22			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-20 (cont'd)	10/31/2016	12.10	13.80	1.70		839.09	840.33			
	10/24/2016	12.06	13.92	1.86		838.97	840.32			
	10/17/2016	11.96	13.89	1.93		839.00	840.40			
	10/9/2016	11.90	13.78	1.88		839.11	840.48			
	10/4/2016	11.88	13.72	1.84		839.17	840.51			
	9/27/2016	11.81	13.68	1.87		839.21	840.57			
	9/19/2016	11.93	13.78	1.85		839.11	840.46			
	9/12/2016	11.82	13.62	1.80		839.27	840.58			
	9/9/2016	11.71	13.50	1.79		839.39	840.69			
	9/6/2016	11.66	13.47	1.81		839.42	840.74			
	9/2/2016	11.63	13.45	1.82		839.44	840.76			
MW-21					855.77					
	3/30/2017	-	18.41	-		837.36	-			
	3/20/2017	-	18.47	-		837.30	-			
	3/13/2017	-	18.58	-		837.19	-			
	3/2/2017	-	18.65	-		837.12	-			
	2/2/2017	-	19.05	-		836.72	-			
	1/5/2017	-	19.65	-		836.12	-			
	12/21/2016	-	19.70	-		836.07	-			
	12/7/2016	-	19.45	-		836.32	-			
	11/28/2016	-	19.35	-		836.42	-			
	11/10/2016	-	17.10	-		838.67	-			
	10/31/2016	-	17.02	-		838.75	-			
	10/24/2016	-	16.91	-		838.86	-			
	10/17/2016	-	16.88	-		838.89	-			
	10/9/2016	-	16.86	-		838.91	-			
	10/4/2016	-	16.81	-		838.96	-			
	9/27/2016	-	16.73	-		839.04	-			
	9/19/2016	-	16.80	-		838.97	-			
	9/12/2016	-	16.74	-		839.03	-			
	9/9/2016	-	16.69	-		839.08	-			
	9/6/2016	-	16.60	-		839.17	-			
	9/2/2016	-	16.53	-		839.24	-			
MW-22					854.60					
	3/2/2017	-	9.99	-		844.61	-			
	2/2/2017	-	9.98	-		844.62	-			
	1/5/2017	-	9.98	-		844.62	-			
	12/21/2016	-	9.97	-		844.63	-			
	11/28/2016	-	9.98	-		844.62	-			
	11/10/2016	-	16.26	-		838.34	-			
	10/31/2016	-	16.18	-		838.42	-			
	10/24/2016	-	16.01	-		838.59	-			
	10/17/2016	-	15.96	-		838.64	-			
	10/9/2016	-	16.01	-		838.59	-			
	10/4/2016	-	15.94	-		838.66	-			
	9/27/2016	-	15.86	-		838.74	-			
	9/19/2016	-	15.84	-		838.76	-			
	9/12/2016	-	15.79	-		838.81	-			
	9/9/2016	-	10.74	-		843.86	-			
	9/6/2016	-	10.66	-		843.94	-			
	9/2/2016	-	10.61	-		843.99	-			
MW-23					849.57					
	3/30/2017	-	12.02	-		837.55	-			
	3/20/2017	-	12.01	-		837.56	-			
	3/13/2017	-	12.09	-		837.48	-			
	3/2/2017	-	12.23	-		837.34	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-23 (cont'd)	2/2/2017	-	12.57	-		837.00	-			
	1/5/2017	-	13.23	-		836.34	-			
	12/21/2016	-	13.48	-		836.09	-			
	12/7/2016	-	13.27	-		836.30	-			
	11/28/2016	-	13.21	-		836.36	-			
	11/10/2016	-	11.15	-		838.42	-			
	10/31/2016	-	11.05	-		838.52	-			
	10/24/2016	-	10.94	-		838.63	-			
	10/17/2016	-	10.88	-		838.69	-			
	10/9/2016	-	10.60	-		838.97	-			
	10/4/2016	-	10.70	-		838.87	-			
	9/27/2016	-	10.60	-		838.97	-			
	9/19/2016	-	10.66	-		838.91	-			
	9/12/2016	-	10.72	-		838.85	-			
	9/9/2016	-	10.66	-		838.91	-			
9/6/2016	-	10.62	-		838.95	-				
9/2/2016	-	10.58	-		838.99	-				
MW-23B					849.69					
	3/30/2017	-	12.82	-		836.87	-			
	3/20/2017	-	12.81	-		836.88	-			
	3/13/2017	-	12.77	-		836.92	-			
	3/2/2017	-	12.80	-		836.89	-			
	2/2/2017	-	12.91	-		836.78	-			
	1/5/2017	-	12.90	-		836.79	-			
	12/21/2016	-	12.78	-		836.91	-			
	12/7/2016	-	12.64	-		837.05	-			
	11/28/2016	-	11.27	-		838.42	-			
	11/10/2016	-	7.51	-		842.18	-			
	10/31/2016	-	7.40	-		842.29	-			
	10/24/2016	-	7.33	-		842.36	-			
	10/17/2016	-	7.21	-		842.48	-			
	10/9/2016	-	7.12	-		842.57	-			
	10/4/2016	-	7.08	-		842.61	-			
	9/27/2016	-	7.03	-		842.66	-			
	9/19/2016	-	7.10	-		842.59	-			
9/12/2016	-	7.20	-		842.49	-				
9/9/2016	-	7.14	-		842.55	-				
9/6/2016	-	7.12	-		842.57	-				
9/2/2016	-	10.07	-		839.62	-				
MW-24					817.92					
	3/13/2017	-	4.50	-		813.42	-			
	3/2/2017	-	4.54	-		813.38	-			
	2/2/2017	-	4.88	-		813.04	-			
	1/5/2017	-	4.77	-		813.15	-			
	12/21/2016	-	5.02	-		812.90	-			
	12/7/2016	-	4.85	-		813.07	-			
	11/28/2016	-	5.09	-		812.83	-			
	11/10/2016	-	5.57	-		812.35	-			
	10/31/2016	-	5.44	-		812.48	-			
	10/24/2016	-	5.39	-		812.53	-			
	10/17/2016	-	5.33	-		812.59	-			
	10/9/2016	-	5.28	-		812.64	-			
	10/4/2016	-	5.20	-		812.72	-			
	9/27/2016	-	5.15	-		812.77	-			
9/19/2016	-	5.28	-		812.64	-				
9/12/2016	-	5.35	-		812.57	-				

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-24 (cont'd)	9/9/2016	-	8.41	-		809.51	-			
	9/6/2016	-	8.37	-		809.55	-			
	9/2/2016	-	5.73	-		812.19	-			
MW-24B				818.72						
	3/13/2017	-	5.51	-		813.21	-			
	3/2/2017	-	5.60	-		813.12	-			
	2/2/2017	-	5.84	-		812.88	-			
	1/5/2017	-	5.74	-		812.98	-			
	12/21/2016	-	5.93	-		812.79	-			
	12/7/2016	-	5.76	-		812.96	-			
	11/28/2016	-	6.05	-		812.67	-			
	11/10/2016	-	6.73	-		811.99	-			
	10/31/2016	-	6.68	-		812.04	-			
	10/24/2016	-	6.51	-		812.21	-			
	10/17/2016	-	6.45	-		812.27	-			
	10/9/2016	-	8.94	-		809.78	-			
	10/4/2016	-	6.33	-		812.39	-			
	9/27/2016	-	6.25	-		812.47	-			
	9/19/2016	-	6.30	-		812.42	-			
	9/12/2016	-	6.23	-		812.49	-			
	9/9/2016	-	27.30	-		791.42	-			
	9/6/2016	-	27.19	-		791.53	-			
	9/2/2016	-	6.46	-		812.26	-			
MW-25					826.18					
	3/30/2017	-	8.62	-		817.56	-			
	3/27/2017	-	8.66	-		817.52	-			
	3/20/2017	-	7.09	-		819.10	-			
	3/13/2017	-	8.52	-		817.66	-			
	3/10/2017	-	8.46	-		817.72	-			
	3/9/2017	-	8.61	-		817.57	-			
	3/8/2017	-	8.58	-		817.60	-			
	3/7/2017	-	8.52	-		817.66	-			
	3/6/2017	-	8.48	-		817.70	-			
	3/2/2017	-	8.87	-		817.31	-			
	2/2/2017	-	9.09	-		817.09	-			
	1/5/2017	6.05	6.06	0.01		820.12	820.13			
	12/21/2016	-	9.32	-		816.86	-			
	12/7/2016	-	9.13	-		817.05	-			
	11/28/2016	-	9.40	-		816.78	-			
	11/10/2016	-	11.15	-		815.03	-			
	10/31/2016	-	10.30	-		815.88	-			
	10/24/2016	-	10.15	-		816.03	-			
	10/17/2016	-	10.05	-		816.13	-			
	10/9/2016	-	9.89	-		816.29	-			
	10/4/2016	-	9.78	-		816.40	-			
	9/27/2016	-	8.88	-		817.30	-			
	9/19/2016	-	8.93	-		817.25	-			
	9/12/2016	-	8.85	-		817.33	-			
	9/9/2016	-	8.58	-		817.60	-			
	9/6/2016	-	8.53	-		817.65	-			
	9/2/2016	-	8.60	-		817.58	-			
MW-25B					823.81					
	3/30/2017	-	5.79	-		818.02	-			
	3/27/2017	-	5.85	-		817.96	-			
	3/20/2017	-	7.34	-		816.47	-			
	3/13/2017	-	5.95	-		817.86	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-25B (cont'd)	3/10/2017	-	5.94	-	-	817.87	-			
	3/9/2017	-	5.92	-	-	817.89	-			
	3/8/2017	-	5.91	-	-	817.90	-			
	3/7/2017	-	5.99	-	-	817.82	-			
	3/6/2017	-	6.31	-	-	817.50	-			
	3/2/2017	-	6.07	-	-	817.74	-			
	2/2/2017	-	6.45	-	-	817.36	-			
	1/5/2017	6.40	6.41	0.01	-	817.40	817.40			
	12/21/2016	-	6.42	-	-	817.39	-			
	12/7/2016	-	8.06	-	-	815.75	-			
	11/28/2016	-	6.45	-	-	817.36	-			
	11/10/2016	-	6.30	-	-	817.51	-			
	10/31/2016	-	6.35	-	-	817.46	-			
	10/24/2016	-	6.12	-	-	817.69	-			
	10/17/2016	-	6.10	-	-	817.71	-			
	10/9/2016	-	5.93	-	-	817.88	-			
	10/4/2016	-	5.80	-	-	818.01	-			
	9/27/2016	-	5.83	-	-	817.98	-			
	9/19/2016	-	5.90	-	-	817.91	-			
	9/12/2016	-	5.81	-	-	818.00	-			
9/9/2016	-	5.71	-	-	818.10	-				
9/6/2016	-	5.61	-	-	818.20	-				
9/2/2016	-	5.70	-	-	818.11	-				
MW-26					847.56					
	3/30/2017	-	7.38	-	-	840.18	-			
	3/20/2017	-	7.34	-	-	840.22	-			
	3/13/2017	-	7.40	-	-	840.16	-			
	3/2/2017	-	7.53	-	-	840.03	-			
	2/2/2017	-	8.01	-	-	839.55	-			
	1/5/2017	-	8.98	-	-	838.58	-			
	12/21/2016	-	9.63	-	-	837.93	-			
	12/7/2016	-	9.43	-	-	838.13	-			
	11/28/2016	-	9.46	-	-	838.10	-			
	11/10/2016	-	8.18	-	-	839.38	-			
	10/31/2016	-	8.30	-	-	839.26	-			
	10/24/2016	-	8.23	-	-	839.33	-			
	10/17/2016	-	8.15	-	-	839.41	-			
	10/9/2016	-	7.90	-	-	839.66	-			
	10/4/2016	-	7.88	-	-	839.68	-			
	9/27/2016	-	7.81	-	-	839.75	-			
	9/19/2016	-	7.70	-	-	839.86	-			
	9/12/2016	-	7.65	-	-	839.91	-			
	9/9/2016	-	7.19	-	-	840.37	-			
	9/6/2016	-	7.13	-	-	840.43	-			
	9/2/2016	-	7.08	-	-	840.48	-			
MW-26B					847.81					
	3/30/2017	-	9.79	-	-	838.02	-			
	3/20/2017	-	9.87	-	-	837.94	-			
	3/13/2017	-	9.92	-	-	837.89	-			
	3/2/2017	-	10.03	-	-	837.78	-			
	2/2/2017	-	10.49	-	-	837.32	-			
	1/5/2017	-	10.96	-	-	836.85	-			
	12/21/2016	-	10.97	-	-	836.84	-			
	12/7/2016	-	10.69	-	-	837.12	-			
	11/28/2016	-	10.65	-	-	837.16	-			
	11/10/2016	-	9.70	-	-	838.11	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-26B (cont'd)	10/31/2016	-	9.65	-		838.16	-			
	10/24/2016	-	9.30	-		838.51	-			
	10/17/2016	-	9.21	-		838.60	-			
	10/9/2016	-	8.98	-		838.83	-			
	10/4/2016	-	8.81	-		839.00	-			
	9/27/2016	-	8.72	-		839.09	-			
	9/19/2016	-	8.74	-		839.07	-			
	9/12/2016	-	8.80	-		839.01	-			
	9/9/2016	-	8.48	-		839.33	-			
	9/6/2016	-	8.41	-		839.40	-			
	9/2/2016	-	8.33	-		839.48	-			
MW-27					854.11					
	3/2/2017	-	28.65	-		825.46	-			
	2/2/2017	-	28.97	-		825.14	-			
	1/5/2017	-	29.20	-		824.91	-			
	12/21/2016	-	29.16	-		824.95	-			
	12/7/2016	-	29.07	-		825.04	-			
	11/28/2016	-	29.03	-		825.08	-			
	11/10/2016	-	27.80	-		826.31	-			
	10/31/2016	-	27.73	-		826.38	-			
	10/24/2016	-	27.61	-		826.50	-			
	10/17/2016	-	27.58	-		826.53	-			
	10/9/2016	-	27.37	-		826.74	-			
	10/4/2016	-	27.25	-		826.86	-			
	9/27/2016	-	27.37	-		826.74	-			
	9/19/2016	-	27.28	-		826.83	-			
	9/12/2016	-	27.33	-		826.78	-			
	9/9/2016	-	27.26	-		826.85	-			
	9/6/2016	-	27.18	-		826.93	-			
	9/2/2016	-	27.13	-		826.98	-			
MW-27B					857.14					
	3/2/2017	-	32.08	-		825.06	-			
	2/2/2017	-	32.38	-		824.76	-			
	1/5/2017	-	32.52	-		824.62	-			
	12/21/2016	-	32.58	-		824.56	-			
	12/7/2016	-	32.61	-		824.53	-			
	11/28/2016	-	32.63	-		824.51	-			
	11/10/2016	-	31.13	-		826.01	-			
	10/31/2016	-	31.05	-		826.09	-			
	10/24/2016	-	30.81	-		826.33	-			
	10/17/2016	-	30.72	-		826.42	-			
	10/9/2016	-	30.28	-		826.86	-			
	10/4/2016	-	30.18	-		826.96	-			
	9/27/2016	-	30.25	-		826.89	-			
	9/19/2016	-	30.05	-		827.09	-			
	9/12/2016	-	29.90	-		827.24	-			
	9/9/2016	-	29.80	-		827.34	-			
	9/6/2016	-	29.69	-		827.45	-			
	9/2/2016	-	29.64	-		827.50	-			
MW-28					844.31					
	3/30/2017	-	25.08	-		819.23	-			
	3/27/2017	-	25.23	-		819.08	-			
	3/20/2017	-	25.63	-		818.68	-			
	3/13/2017	-	24.65	-		819.67	-			
	3/10/2017	-	24.71	-		819.60	-			
	3/9/2017	-	24.74	-		819.57	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-28 (cont'd)	3/8/2017	-	24.74	-		819.57	-			
	3/7/2017	-	24.78	-		819.53	-			
	3/6/2017	-	24.72	-		819.60	-			
	3/2/2017	-	24.75	-		819.56	-			
	2/2/2017	-	25.10	-		819.21	-			
	1/5/2017	-	25.33	-		818.98	-			
	12/21/2016	-	25.32	-		818.99	-			
	12/7/2016	-	25.21	-		819.10	-			
	11/28/2016	-	24.87	-		819.44	-			
	11/10/2016	-	24.20	-		820.11	-			
	10/31/2016	-	24.15	-		820.16	-			
	10/24/2016	-	24.05	-		820.26	-			
	10/17/2016	-	23.93	-		820.38	-			
	10/9/2016	-	23.90	-		820.41	-			
	10/4/2016	-	23.81	-		820.50	-			
	9/27/2016	-	23.77	-		820.54	-			
	9/19/2016	-	23.72	-		820.59	-			
	9/12/2016	-	23.57	-		820.74	-			
	9/9/2016	-	23.45	-		820.86	-			
	9/6/2016	-	23.34	-		820.97	-			
	9/2/2016	-	23.40	-		820.91	-			
MW-29					852.20					
	3/30/2017	-	11.26	-		840.94	-			
	3/27/2017	-	11.27	-		840.93	-			
	3/20/2017	-	11.28	-		840.92	-			
	3/13/2017	-	11.35	-		840.85	-			
	3/10/2017	-	11.37	-		840.83	-			
	3/9/2017	-	10.35	-		841.85	-			
	3/8/2017	-	11.45	-		840.75	-			
	3/7/2017	-	11.42	-		840.78	-			
	3/6/2017	-	11.41	-		840.79	-			
	3/2/2017	-	11.55	-		840.65	-			
	2/2/2017	-	12.10	-		840.10	-			
	1/5/2017	-	13.25	-		838.95	-			
	12/21/2016	-	13.52	-		838.68	-			
	12/7/2016	-	13.26	-		838.94	-			
	11/28/2016	-	13.13	-		839.07	-			
	11/10/2016	-	10.77	-		841.43	-			
	10/31/2016	-	10.63	-		841.57	-			
	10/24/2016	-	10.52	-		841.68	-			
	10/17/2016	-	10.47	-		841.73	-			
	10/9/2016	-	10.40	-		841.80	-			
	10/4/2016	-	10.36	-		841.84	-			
	9/27/2016	-	10.25	-		841.95	-			
	9/19/2016	-	10.33	-		841.87	-			
	9/12/2016	-	10.29	-		841.91	-			
	9/9/2016	-	10.24	-		841.96	-			
	9/6/2016	-	10.18	-		842.02	-			
	9/2/2016	-	10.16	-		842.04	-			
MW-30					841.28					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	12/7/2016	-	14.56	-		826.72	-			
	11/28/2016	-	14.56	-		826.72	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-30 (cont'd)	11/10/2016	-	9.70	-		831.58	-			
	10/31/2016	-	9.58	-		831.70	-			
	10/24/2016	-	9.44	-		831.84	-			
	10/17/2016	-	9.32	-		831.96	-			
	10/9/2016	-	9.26	-		832.02	-			
	10/4/2016	-	9.18	-		832.10	-			
	9/27/2016	-	9.12	-		832.16	-			
	9/19/2016	-	9.10	-		832.18	-			
	9/12/2016	-	8.57	-		832.71	-			
	9/9/2016	-	8.46	-		832.82	-			
	9/6/2016	-	8.38	-		832.90	-			
	9/2/2016	-	8.30	-		832.98	-			
	MW-31					845.04				
	3/2/2017	-	21.58	-		823.46	-			
	2/2/2017	-	22.07	-		822.97	-			
	1/5/2017	-	22.90	-		822.14	-			
	12/21/2016	-	22.76	-		822.28	-			
	11/28/2016	-	22.36	-		822.68	-			
	11/10/2016	-	20.15	-		824.89	-			
	10/31/2016	-	20.10	-		824.94	-			
	10/24/2016	-	20.00	-		825.04	-			
	10/17/2016	-	19.91	-		825.13	-			
	10/9/2016	-	20.03	-		825.01	-			
	10/4/2016	-	20.46	-		824.58	-			
	9/27/2016	-	20.21	-		824.83	-			
	9/19/2016	-	20.10	-		824.94	-			
	9/12/2016	-	20.00	-		825.04	-			
	9/9/2016	-	19.74	-		825.30	-			
	9/6/2016	-	19.65	-		825.39	-			
	9/2/2016	-	19.56	-		825.48	-			
MW-31B					844.94					
	3/2/2017	-	21.78	-		823.16	-			
	2/2/2017	-	22.37	-		822.57	-			
	1/5/2017	-	22.86	-		822.08	-			
	12/21/2016	-	22.73	-		822.21	-			
	11/28/2016	-	22.26	-		822.68	-			
	11/10/2016	-	21.44	-		823.50	-			
	10/31/2016	-	21.38	-		823.56	-			
	10/24/2016	-	21.03	-		823.91	-			
	10/17/2016	-	20.52	-		824.42	-			
	10/9/2016	-	20.53	-		824.41	-			
	10/4/2016	-	19.84	-		825.10	-			
	9/27/2016	-	19.78	-		825.16	-			
	9/19/2016	-	19.65	-		825.29	-			
	9/12/2016	-	19.59	-		825.35	-			
	9/9/2016	-	19.13	-		825.81	-			
	9/6/2016	-	19.03	-		825.91	-			
	9/2/2016	-	18.93	-		826.01	-			
MW-32					842.93					
	3/2/2017	-	14.85	-		828.08	-			
	2/2/2017	-	15.39	-		827.54	-			
	1/5/2017	-	17.46	-		825.47	-			
	12/21/2016	-	18.28	-		824.65	-			
	11/28/2016	-	18.00	-		824.93	-			
	11/10/2016	-	16.44	-		826.49	-			
	10/31/2016	-	16.38	-		826.55	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-32 (cont'd)	10/24/2016	-	16.28	-		826.65	-			
	10/17/2016	-	16.33	-		826.60	-			
	10/9/2016	-	16.30	-		826.63	-			
	10/4/2016	-	NM	-		-	-			
	9/27/2016	-	16.21	-		826.72	-			
	9/19/2016	-	16.03	-		826.90	-			
	9/12/2016	-	15.18	-		827.75	-			
	9/9/2016	-	15.10	-		827.83	-			
	9/6/2016	-	15.17	-		827.76	-			
9/2/2016	-	15.15	-		827.78	-				
MW-33					849.20					
	3/2/2017	-	26.98	-		822.22	-			
	2/2/2017	-	27.52	-		821.68	-			
	1/5/2017	-	27.77	-		821.43	-			
	12/21/2016	-	27.57	-		821.63	-			
	11/28/2016	-	27.07	-		822.13	-			
	11/10/2016	-	25.52	-		823.68	-			
	10/31/2016	-	25.44	-		823.76	-			
	10/24/2016	-	25.36	-		823.84	-			
	10/17/2016	-	25.41	-		823.79	-			
	10/9/2016	-	25.30	-		823.90	-			
	10/4/2016	-	25.35	-		823.85	-			
	9/27/2016	-	24.15	-		825.05	-			
	9/19/2016	-	23.94	-		825.26	-			
	9/12/2016	-	23.81	-		825.39	-			
	9/9/2016	-	23.74	-		825.46	-			
	9/6/2016	-	23.66	-		825.54	-			
	9/2/2016	-	23.78	-		825.42	-			
MW-33T					849.11					
	3/2/2017	-	28.18	-		820.93	-			
	2/2/2017	-	28.54	-		820.57	-			
	1/5/2017	-	28.74	-		820.37	-			
	12/21/2016	-	28.56	-		820.55	-			
	11/28/2016	-	28.14	-		820.97	-			
	11/10/2016	-	26.73	-		822.38	-			
	10/31/2016	-	26.77	-		822.34	-			
	10/24/2016	-	26.57	-		822.54	-			
	10/17/2016	-	26.60	-		822.51	-			
	10/9/2016	-	26.55	-		822.56	-			
	10/4/2016	-	26.53	-		822.58	-			
	9/27/2016	-	24.78	-		824.33	-			
	9/19/2016	-	24.68	-		824.43	-			
	9/12/2016	-	24.60	-		824.51	-			
	9/9/2016	-	24.48	-		824.63	-			
	9/6/2016	-	24.41	-		824.70	-			
	9/2/2016	-	24.51	-		824.60	-			
MW-34					816.35					
	3/30/2017	-	2.64	-		813.71	-			
	3/20/2017	-	2.67	-		813.68	-			
	3/13/2017	-	2.58	-		813.77	-			
MW-35					829.40					
	3/30/2017	-	9.36	-		820.04	-			
	3/27/2017	-	9.57	-		819.83	-			
	3/20/2017	-	9.48	-		819.92	-			
	3/17/2017	-	9.01	-		820.39	-			
	3/16/2017	-	9.01	-		820.39	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-35 (cont'd)	3/15/2017	-	8.79	-	-	820.61	-			
	3/14/2017	-	9.69	-	-	819.71	-			
	3/13/2017	-	9.65	-	-	819.76	-			
	3/10/2017	-	9.78	-	-	819.62	-			
	3/9/2017	-	8.57	-	-	820.83	-			
	3/8/2017	-	7.99	-	-	821.41	-			
	3/7/2017	-	9.44	-	-	819.96	-			
	3/6/2017	-	9.59	-	-	819.82	-			
	3/2/2017	-	10.03	-	-	819.37	-			
	2/2/2017	-	10.26	-	-	819.14	-			
	1/5/2017	10.43	10.44	0.01	-	818.96	818.97			
	12/21/2016	-	10.71	-	-	818.69	-			
	12/7/2016	-	10.69	-	-	818.71	-			
	11/28/2016	-	10.92	-	-	818.48	-			
	11/10/2016	-	11.10	-	-	818.30	-			
	10/31/2016	-	11.05	-	-	818.35	-			
	10/24/2016	-	10.74	-	-	818.66	-			
	10/17/2016	-	10.72	-	-	818.68	-			
	10/9/2016	-	10.70	-	-	818.70	-			
	10/4/2016	-	10.66	-	-	818.74	-			
	9/27/2016	-	10.73	-	-	818.67	-			
	9/19/2016	-	10.61	-	-	818.79	-			
9/12/2016	-	10.50	-	-	818.90	-				
9/9/2016	-	10.33	-	-	819.07	-				
9/6/2016	-	10.15	-	-	819.25	-				
9/2/2016	-	10.12	-	-	819.28	-				
MW-36					858.47					
	3/2/2017	-	21.87	-	-	836.60	-			
	2/2/2017	-	22.40	-	-	836.07	-			
	1/5/2017	-	22.75	-	-	835.72	-			
	12/21/2016	-	22.51	-	-	835.96	-			
	11/28/2016	-	22.00	-	-	836.47	-			
	11/10/2016	-	19.04	-	-	839.43	-			
	10/31/2016	-	18.94	-	-	839.53	-			
	10/24/2016	-	18.69	-	-	839.78	-			
	10/17/2016	-	18.52	-	-	839.95	-			
	10/9/2016	-	18.50	-	-	839.97	-			
	10/4/2016	-	18.44	-	-	840.03	-			
	9/27/2016	-	18.57	-	-	839.90	-			
	9/19/2016	-	18.48	-	-	839.99	-			
	9/12/2016	-	18.36	-	-	840.11	-			
	9/9/2016	-	18.29	-	-	840.18	-			
	9/6/2016	-	18.24	-	-	840.23	-			
	9/2/2016	-	18.18	-	-	840.29	-			
MW-36B					858.15					
	3/2/2017	-	21.55	-	-	836.60	-			
	2/2/2017	-	22.11	-	-	836.04	-			
	1/5/2017	-	22.46	-	-	835.69	-			
	12/21/2016	-	22.23	-	-	835.92	-			
	11/28/2016	-	21.68	-	-	836.47	-			
	11/10/2016	-	18.77	-	-	839.38	-			
	10/31/2016	-	18.70	-	-	839.45	-			
	10/24/2016	-	18.53	-	-	839.62	-			
	10/17/2016	-	18.48	-	-	839.67	-			
	10/9/2016	-	18.44	-	-	839.71	-			
	10/4/2016	-	18.40	-	-	839.75	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-36B (cont'd)	9/27/2016	-	18.45	-		839.70	-			
	9/19/2016	-	18.33	-		839.82	-			
	9/12/2016	-	18.25	-		839.90	-			
	9/9/2016	-	18.08	-		840.07	-			
	9/6/2016	-	17.92	-		840.23	-			
	9/2/2016	-	17.86	-		840.29	-			
MW-37					813.92					
	3/2/2017	-	3.54	-		810.38	-			
	2/2/2017	-	3.55	-		810.37	-			
	1/5/2017	-	3.60	-		810.32	-			
	12/21/2016	-	3.72	-		810.20	-			
	12/7/2016	-	3.67	-		810.25	-			
	11/28/2016	-	4.01	-		809.91	-			
	11/10/2016	-	4.35	-		809.57	-			
	10/31/2016	-	4.22	-		809.70	-			
MW-38					813.28					
	3/30/2017	-	2.07	-		811.21	-			
	3/20/2017	-	1.99	-		811.29	-			
	3/13/2017	-	1.93	-		811.35	-			
	3/2/2017	-	2.00	-		811.28	-			
	2/2/2017	-	2.05	-		811.23	-			
	1/5/2017	-	2.05	-		811.23	-			
	12/21/2016	-	2.25	-		811.03	-			
	12/7/2016	-	2.11	-		811.17	-			
	11/28/2016	-	2.47	-		810.81	-			
	11/10/2016	-	2.58	-		810.70	-			
	10/31/2016	-	2.53	-		810.75	-			
MW-39					819.90					
	3/30/2017	-	5.38	-		814.52	-			
	3/27/2017	-	5.42	-		814.48	-			
	3/20/2017	-	5.12	-		814.79	-			
	3/17/2017	-	4.57	-		815.33	-			
	3/16/2017	-	5.25	-		814.65	-			
	3/15/2017	-	4.45	-		815.45	-			
	3/14/2017	-	4.77	-		815.13	-			
	3/13/2017	-	5.09	-		814.82	-			
	3/10/2017	-	4.79	-		815.11	-			
	3/9/2017	-	4.98	-		814.92	-			
	3/8/2017	-	4.61	-		815.29	-			
	3/7/2017	-	4.25	-		815.65	-			
	3/6/2017	-	4.32	-		815.59	-			
	3/2/2017	-	4.99	-		814.91	-			
	2/2/2017	5.15	5.16	0.01		814.74	814.75			
	1/5/2017	5.08	5.10	0.02		814.80	814.81			
	12/21/2016	-	5.35	-		814.55	-			
	12/7/2016	-	6.31	-		813.59	-			
MW-40					817.79					
	3/30/2017	-	3.24	-		814.55	-			
	3/20/2017	-	2.72	-		815.07	-			
	3/13/2017	-	3.88	-		813.91	-			
	3/2/2017	-	2.91	-		814.88	-			
	2/2/2017	3.15	3.16	0.01		814.63	814.64			
	1/5/2017	3.02	3.03	0.01		814.76	814.77			
	12/21/2016	-	3.14	-		814.65	-			
	12/7/2016	-	4.39	-		813.40	-			
MW-41					819.68					

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-41 (cont'd)	3/30/2017	-	4.12	-		815.56	-			
	3/27/2017	-	4.16	-		815.52	-			
	3/20/2017	-	4.18	-		815.51	-			
	3/17/2017	-	4.17	-		815.51	-			
	3/16/2017	-	4.25	-		815.43	-			
	3/15/2017	-	4.22	-		815.46	-			
	3/14/2017	-	4.08	-		815.60	-			
	3/13/2017	-	3.70	-		815.99	-			
	3/10/2017	-	4.14	-		815.54	-			
	3/9/2017	-	4.23	-		815.45	-			
	3/8/2017	-	4.23	-		815.45	-			
	3/7/2017	-	4.15	-		815.53	-			
	3/6/2017	-	4.23	-		815.46	-			
	3/2/2017	-	4.30	-		815.38	-			
	2/2/2017	-	4.60	-		815.08	-			
1/5/2017	4.60	4.61	0.01		815.07	815.08				
12/21/2016	-	4.73	-		814.95	-				
12/7/2016	-	4.71	-		814.97	-				
MW-42					820.33					
	3/30/2017	-	4.65	-		815.68	-			
	3/20/2017	-	4.80	-		815.53	-			
	3/13/2017	-	4.84	-		815.49	-			
	3/2/2017	-	4.91	-		815.42	-			
	2/2/2017	5.25	5.26	0.01		815.07	815.08			
	1/5/2017	5.24	5.25	0.01		815.08	815.09			
	12/21/2016	-	5.31	-		815.02	-			
	12/7/2016	-	5.61	-		814.72	-			
MW-44					853.67					
	3/13/2017	-	9.61	-		844.06	-			
	3/2/2017	-	9.60	-		844.07	-			
MW-44B					853.38					
	3/13/2017	-	15.50	-		837.88	-			
	3/2/2017	-	15.56	-		837.82	-			
MW-45					852.47					
	3/30/2017	-	14.27	-		838.20	-			
	3/20/2017	-	14.22	-		838.25	-			
	3/13/2017	-	14.16	-		838.31	-			
	3/2/2017	-	14.14	-		838.33	-			
MW-45B					852.85					
	3/30/2017	-	18.52	-		834.33	-			
	3/20/2017	-	19.39	-		833.46	-			
	3/13/2017	-	20.23	-		832.62	-			
	3/2/2017	-	21.45	-		831.40	-			
RS-01					849.13					
	3/31/2017	17.70	18.77	1.07		830.36	831.14	3/31/2017	12:15	12:24
	3/27/2017	17.75	18.57	0.82		830.56	831.16			
	3/24/2017	17.89	18.45	0.56		830.68	831.09			
	3/20/2017	17.93	18.55	0.62		830.58	831.03	3/20/2017	12:14	12:24
	3/16/2017	18.82	19.12	0.30		830.01	830.23			
	3/13/2017	19.11	19.70	0.59		830.63	831.06	3/15/2017	11:13	11:22
	3/6/2017	19.41	19.80	0.39		830.53	830.82			
	3/2/2017	19.15	19.65	0.50		830.68	831.05	3/3/2017	10:02	10:13
	2/27/2017	19.05	19.77	0.72		830.56	831.09	2/27/2017	12:47	12:52
	2/23/2017	19.45	19.82	0.37		830.51	830.78			
	2/20/2017	19.05	19.64	0.59		830.69	831.12	2/21/2017	9:17	9:28
	2/17/2017	18.92	19.67	0.75		830.66	831.21	2/17/2017	12:44	12:51

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-01 (cont'd)	2/9/2017	19.16	19.88	0.72		830.45	830.98	2/9/2017	13:45	14:15
	2/6/2017	19.00	19.95	0.95		830.38	831.08	2/6/2017	10:02	10:15
	2/2/2017	19.42	19.47	0.05		830.86	830.90	2/2/2017	13:35	13:50
	1/30/2017	19.45	20.05	0.60		830.28	830.72	1/30/2017	11:49	12:00
	1/26/2017	19.92	20.42	0.50		829.91	830.28	1/26/2017	9:40	9:51
	1/23/2017	19.90	20.60	0.70		829.73	830.24	1/23/2017	14:07	14:20
	1/19/2017	19.73	21.19	1.46		829.14	830.21	1/19/2017	14:30	14:37
	1/16/2017	19.94	21.10	1.16		829.23	830.08			
	1/12/2017	19.11	22.51	3.40		827.82	830.30	1/12/2017	7:15	7:45
	1/5/2017	19.65	22.55	2.90		827.78	829.90			
	12/30/2016	19.00	23.30	4.30		827.03	830.17	12/30/2016	12:19	12:55
	12/21/2016	18.93	23.15	4.22		827.18	830.26	12/22/2016	16:28	16:38
	12/14/2016	18.96	22.40	3.44		827.93	830.44			
	12/7/2016	18.95	21.71	2.76		828.62	830.64			
	11/10/2016	18.56	19.40	0.84		830.93	831.55	11/10/2016	10:56	11:09
	10/31/2016	17.95	19.10	1.15		831.23	832.07			
	10/24/2016	17.65	18.91	1.26		831.42	832.34	10/24/2016	13:29	13:39
	10/17/2016	16.32	16.48	0.16		833.85	833.97			
	10/9/2016	16.23	16.35	0.12		833.98	834.07			
	10/4/2016	16.10	16.25	0.15		834.08	834.19			
	9/27/2016	16.05	16.22	0.17		834.11	834.24			
9/19/2016	15.90	16.15	0.25		834.18	834.37				
9/12/2016	15.85	16.10	0.25		834.23	834.42				
9/9/2016	15.28	15.37	0.09		834.96	835.03				
9/6/2016	15.20	15.32	0.12		835.01	835.10				
9/2/2016	15.12	15.29	0.17		835.04	835.17				
RS-02					849.52					
	3/31/2017	17.21	17.65	0.44		831.87	832.19			
	3/27/2017	17.21	17.64	0.43		831.88	832.19			
	3/24/2017	17.23	17.60	0.37		831.92	832.19			
	3/20/2017	17.28	17.55	0.27		831.97	832.17			
	3/16/2017	17.60	17.77	0.17		831.75	831.87			
	3/13/2017	17.73	18.31	0.58		831.79	832.22	3/15/2017	11:30	11:37
	3/6/2017	17.84	18.20	0.36		831.90	832.16			
	3/2/2017	17.80	18.07	0.27		832.03	832.23			
	2/27/2017	17.62	18.17	0.55		831.93	832.33	2/27/2017	12:53	13:02
	2/23/2017	17.53	17.91	0.38		832.19	832.47			
	2/20/2017	17.55	17.84	0.29		832.26	832.47			
	2/17/2017	17.35	17.89	0.54		832.21	832.61	2/17/2017	13:07	13:14
	2/9/2017	17.77	18.10	0.33		832.00	832.24			
	2/6/2017	17.72	18.30	0.58		831.80	832.23	2/6/2017	9:52	10:00
	2/2/2017	17.75	18.20	0.45		831.90	832.23			
	1/30/2017	17.80	18.15	0.35		831.95	832.21			
	1/26/2017	18.10	18.35	0.25		831.75	831.93			
	1/23/2017	18.35	18.60	0.25		831.50	831.68			
	1/19/2017	18.55	NO WATER	1.45		-	-	1/19/2017	14:15	14:25
	1/16/2017	18.58	NO WATER	1.42		-	-			
	1/12/2017	18.26	19.84	1.58		830.26	831.42	1/12/2017	7:49	8:19
	1/5/2017	18.50	NO WATER	1.50		-	-			
	12/30/2016	18.10	19.90	1.80		830.20	831.52	12/30/2016	13:53	14:03
	12/21/2016	17.98	NO WATER	2.02		-	-	12/22/2016	15:58	16:07
	12/14/2016	17.78	19.68	1.90		830.42	831.81	12/14/2016	15:29	15:39
	12/7/2016	17.71	19.62	1.91		830.48	831.88			
	11/10/2016	17.15	18.41	1.26		831.69	832.61	11/10/2016	10:44	10:55
	10/31/2016	16.60	17.95	1.35		832.15	833.14			
	10/24/2016	16.35	17.56	1.21		832.54	833.43	10/24/2016	13:22	13:29

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-02 (cont'd)	10/17/2016	14.86	15.12	0.26		834.98	835.17			
	10/9/2016	15.05	15.28	0.23		834.82	834.99			
	10/4/2016	14.80	14.97	0.17		835.13	835.26			
	9/27/2016	14.83	14.95	0.12		835.15	835.24			
	9/19/2016	14.74	14.85	0.11		835.25	835.33			
	9/12/2016	14.70	14.90	0.20		835.20	835.35			
	9/9/2016	14.14	14.30	0.16		835.80	835.92			
	9/6/2016	13.93	14.10	0.17		836.00	836.13			
	9/2/2016	13.88	14.01	0.13		836.09	836.19			
RS-04					851.44					
	3/31/2017	9.57	9.58	0.01		841.89	841.90			
	3/27/2017	9.64	9.99	0.35		841.48	841.74			
	3/24/2017	9.68	9.70	0.02		841.77	841.78			
	3/20/2017	9.75	NO WATER	0.50		-	-			
	3/16/2017	9.74	9.75	0.01		841.72	841.73			
	3/13/2017	9.70	9.77	0.07		841.67	841.72			
	3/6/2017	-	9.75	-		841.69	-			
	3/2/2017	-	9.77	-		841.67	-			
	2/27/2017	9.74	9.75	0.01		841.69	841.70			
	2/23/2017	9.72	9.73	0.01		841.71	841.72			
	2/20/2017	9.72	9.73	0.01		841.71	841.72			
	2/17/2017	9.72	9.73	0.01		841.71	841.72			
	2/9/2017	9.06	9.07	0.01		842.37	842.38			
	2/6/2017	9.78	9.79	0.01		841.65	841.66			
	2/2/2017	9.79	9.80	0.01		841.64	841.65			
	1/30/2017	9.73	9.74	0.01		841.70	841.71			
	1/26/2017	9.72	9.73	0.01		841.71	841.72			
	1/23/2017	8.51	8.52	0.01		842.92	842.93			
	1/19/2017	9.78	9.79	0.01		841.65	841.66	1/19/2017	15:07	15:17
	1/16/2017	9.73	9.74	0.01		841.70	841.71			
	1/12/2017	-	9.66	-		841.78	-	1/12/2017	13:30	14:00
	1/5/2017	9.75	9.77	0.02		841.67	841.69			
	12/30/2016	-	9.70	-		841.74	-			
	12/21/2016	9.72	9.73	0.01		841.71	841.72			
	12/14/2016	9.71	9.73	0.02		841.71	841.73			
	12/7/2016	9.68	NO WATER	0.57		-	-			
	11/10/2016	-	10.12	-		841.32	-			
	10/31/2016	-	10.10	-		841.34	-			
	10/24/2016	-	9.73	-		841.71	-			
	10/17/2016	-	10.32	-		841.12	-			
	10/9/2016	-	10.40	-		841.04	-			
	10/4/2016	-	10.36	-		841.08	-			
	9/27/2016	-	10.30	-		841.14	-			
	9/19/2016	-	10.28	-		841.16	-			
	9/12/2016	-	10.23	-		841.21	-			
	9/9/2016	-	10.15	-		841.29	-			
	9/6/2016	-	10.04	-		841.40	-			
	9/2/2016	-	10.00	-		841.44	-			
RS-05					848.31					
	3/31/2017	16.85	18.06	1.21		830.25	831.13	3/31/2017	12:30	12:38
	3/27/2017	16.92	17.87	0.95		830.44	831.13			
	3/24/2017	17.06	17.80	0.74		830.51	831.05			
	3/20/2017	17.14	17.81	0.67		830.50	830.99	3/20/2017	12:01	12:12
	3/16/2017	17.50	17.83	0.33		830.48	830.72			
	3/13/2017	17.25	18.15	0.90		830.40	831.05	3/15/2017	11:01	11:12
	3/6/2017	17.55	18.05	0.50		830.50	830.86	3/6/2017	11:10	11:30

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-05 (cont'd)	3/2/2017	17.38	18.01	0.63		830.54	831.00	3/3/2017	9:51	10:01
	2/27/2017	17.50	18.05	0.55		830.50	830.90	2/27/2017	12:35	12:45
	2/23/2017	17.44	18.03	0.59		830.52	830.95	2/24/2017	9:33	9:42
	2/20/2017	17.30	18.07	0.77		830.48	831.04	2/21/2017	9:03	9:15
	2/17/2017	17.27	18.07	0.80		830.48	831.06	2/17/2017	12:25	12:34
	2/9/2017	17.48	18.23	0.75		830.32	830.86	2/9/2017	13:20	13:32
	2/6/2017	17.45	18.17	0.72		830.38	830.90	2/6/2017	10:20	10:31
	2/2/2017	17.68	18.40	0.72		830.15	830.67	2/2/2017	13:15	13:30
	1/30/2017	17.70	18.60	0.90		829.95	830.60	1/30/2017	11:07	11:15
	1/26/2017	18.00	18.59	0.59		829.96	830.39			
	1/23/2017	18.06	18.78	0.72		829.77	830.29	1/23/2017	13:15	13:25
	1/19/2017	17.97	19.55	1.58		829.00	830.15	1/19/2017	15:19	15:29
	1/16/2017	18.07	19.40	1.33		829.15	830.12	1/16/2017	13:16	13:21
	1/12/2017	17.40	20.71	3.31		827.84	830.25	1/12/2017	8:22	8:52
	1/5/2017	17.75	20.67	2.92		827.88	830.01			
	12/30/2016	17.50	21.10	3.60		827.45	830.08	12/30/2016	12:36	12:45
	12/21/2016	17.43	20.70	3.27		827.85	830.23	12/22/2016	16:08	16:16
	12/14/2016	17.44	20.43	2.99		828.12	830.30	12/14/2016	14:39	14:49
	12/7/2016	17.24	19.88	2.64		828.67	830.59			
	11/10/2016	16.75	17.68	0.93		830.87	831.55	11/10/2016	11:12	11:14
	10/31/2016	16.20	17.60	1.40		830.95	831.97			
	10/24/2016	16.15	16.80	0.65		831.75	832.22	10/24/2016	13:13	13:22
	10/17/2016	14.25	14.50	0.25		834.05	834.23			
	10/9/2016	14.20	14.47	0.27		834.08	834.27			
	10/4/2016	14.22	14.44	0.22		834.11	834.27			
	9/27/2016	14.20	14.36	0.16		834.19	834.30			
	9/19/2016	14.13	14.28	0.15		834.27	834.38			
	9/12/2016	14.10	14.25	0.15		834.30	834.41			
9/9/2016	13.46	13.77	0.31		834.78	835.00				
9/6/2016	13.39	13.63	0.24		834.92	835.09				
9/2/2016	13.34	13.51	0.17		835.04	835.16				
RS-06					849.47					
	3/31/2017	17.41	17.92	0.51		831.55	831.92	3/31/2017	12:40	12:49
	3/27/2017	17.45	17.93	0.48		831.54	831.89			
	3/24/2017	17.54	17.97	0.43		831.50	831.81			
	3/20/2017	17.60	18.11	0.51		831.36	831.73	3/20/2017	12:37	12:45
	3/16/2017	17.60	18.35	0.75		831.12	831.67	3/17/2017	8:33	8:41
	3/13/2017	18.76	19.32	0.56		831.41	831.81			
	3/6/2017	18.95	19.30	0.35		831.43	831.68			
	3/2/2017	18.82	19.33	0.51		831.40	831.77	3/3/2017	10:15	10:25
	2/27/2017	18.80	19.42	0.62		831.31	831.76	2/27/2017	13:05	13:15
	2/23/2017	18.83	19.30	0.47		831.43	831.77			
	2/20/2017	18.80	19.31	0.51		831.42	831.79	2/21/2017	9:30	9:37
	2/17/2017	18.78	19.32	0.54		831.41	831.80	2/17/2017	12:55	13:05
	2/9/2017	18.97	19.52	0.55		831.21	831.61	2/9/2017	13:35	13:41
	2/6/2017	18.95	19.51	0.56		831.22	831.62	2/6/2017	9:41	9:50
	2/2/2017	19.13	19.59	0.46		831.14	831.47			
	1/30/2017	19.20	19.70	0.50		831.03	831.39	1/30/2017	11:32	11:48
	1/26/2017	19.42	19.95	0.53		830.78	831.16	1/26/2017	10:15	10:25
	1/23/2017	19.45	20.08	0.63		830.65	831.11	1/23/2017	13:55	14:05
	1/19/2017	19.53	20.35	0.82		830.38	830.97	1/19/2017	15:31	15:41
	1/16/2017	19.56	20.27	0.71		830.46	830.97			
	1/12/2017	19.15	20.91	1.76		829.82	831.10	1/12/2017	8:56	9:26
	1/5/2017	19.35	21.00	1.65		829.73	830.93			
	12/30/2016	19.20	21.00	1.80		829.73	831.04	12/30/2016	12:08	12:16
	12/21/2016	19.10	20.65	1.55		830.08	831.21	12/22/2016	15:47	15:57

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-06 (cont'd)	12/14/2016	18.97	20.39	1.42		830.34	831.37	12/14/2016	15:04	15:14
	12/7/2016	18.83	20.08	1.25		830.65	831.56			
	11/10/2016	17.96	18.73	0.77		832.00	832.56			
	10/31/2016	17.60	18.15	0.55		832.58	832.98			
	10/24/2016	17.35	17.74	0.39		832.99	833.27			
	10/17/2016	15.48	15.64	0.16		835.09	835.20			
	10/9/2016	15.44	15.60	0.16		835.13	835.24			
	10/4/2016	15.40	15.58	0.18		835.15	835.28			
	9/27/2016	15.46	15.60	0.14		835.13	835.23			
	9/19/2016	15.38	15.54	0.16		835.19	835.30			
	9/12/2016	15.34	15.50	0.16		835.23	835.34			
	9/9/2016	15.15	15.36	0.21		835.37	835.52			
	9/6/2016	14.68	14.74	0.06		835.99	836.03			
9/2/2016	14.60	14.68	0.08		836.05	836.10				
RS-07					855.08					
	3/31/2017	14.78	14.84	0.06		840.24	840.29			
	3/27/2017	14.99	15.06	0.07		840.02	840.07			
	3/24/2017	15.03	15.08	0.05		840.00	840.04			
	3/20/2017	15.17	15.18	0.01		839.90	839.91			
	3/16/2017	15.12	15.14	0.02		839.94	839.96			
	3/13/2017	16.12	16.14	0.02		839.90	839.92			
	3/6/2017	16.21	16.22	0.01		839.82	839.83			
	3/2/2017	16.21	16.23	0.02		839.81	839.83			
	2/27/2017	16.26	16.29	0.03		839.75	839.78			
	2/23/2017	16.32	16.35	0.03		839.69	839.72			
	2/20/2017	16.32	16.33	0.01		839.71	839.72			
	2/17/2017	16.32	16.33	0.01		839.71	839.72			
	2/9/2017	16.09	16.10	0.01		839.94	839.95			
	2/6/2017	16.36	16.37	0.01		839.67	839.68			
	2/2/2017	16.36	16.37	0.01		839.67	839.68			
	1/30/2017	16.32	16.33	0.01		839.71	839.72			
	1/26/2017	16.37	16.38	0.01		839.66	839.67			
	1/23/2017	16.36	16.37	0.01		839.67	839.68			
	1/19/2017	16.41	16.42	0.01		839.62	839.63			
	1/16/2017	16.40	16.41	0.01		839.63	839.64			
	1/12/2017	-	16.33	-		839.71	-			
	1/5/2017	16.35	16.36	0.01		839.68	839.69			
	12/30/2016	16.30	NO WATER	0.35		-	-			
	12/21/2016	16.38	NO WATER	0.27		-	-			
	12/14/2016	16.32	16.78	0.46		839.26	839.60			
	12/7/2016	16.36	16.78	0.42		839.26	839.57			
	11/10/2016	-	16.78	-		839.26	-			
	10/31/2016	-	16.78	-		839.26	-			
	10/24/2016	16.10	16.78	0.68		839.26	839.76			
	10/17/2016	15.94	16.34	0.40		839.70	840.00	10/17/2016	14:42	14:48
	10/9/2016	15.76	16.25	0.49		839.79	840.15			
	10/4/2016	15.81	16.30	0.49		839.74	840.10			
	9/27/2016	15.78	16.11	0.33		839.93	840.17			
	9/19/2016	15.66	15.84	0.18		840.20	840.33			
	9/12/2016	15.35	15.80	0.45		840.24	840.57	9/12/2016	12:49	12:55
	9/9/2016	15.33	15.80	0.47		840.24	840.59			
	9/6/2016	15.21	15.48	0.27		840.56	840.76			
	9/2/2016	15.15	15.47	0.32		840.57	840.81			
RS-08					854.00					
	3/31/2017	15.53	16.33	0.80		837.67	838.25			
	3/27/2017	15.62	16.32	0.70		837.68	838.19			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-08 (cont'd)	3/24/2017	15.65	16.30	0.65		837.70	838.17			
	3/20/2017	15.80	16.25	0.45		837.75	838.08			
	3/16/2017	16.05	16.25	0.20		837.75	837.90	3/17/2017	7:48	7:55
	3/13/2017	16.83	17.30	0.47		837.61	837.95	3/15/2017	8:02	8:12
	3/6/2017	16.91	17.43	0.52		837.48	837.86	3/6/2017	12:02	12:25
	3/2/2017	16.93	17.57	0.64		837.34	837.80	3/3/2017	8:42	8:56
	2/27/2017	16.95	17.62	0.67		837.29	837.78	2/27/2017	13:51	14:00
	2/23/2017	16.95	17.65	0.70		837.26	837.77	2/24/2017	11:30	11:41
	2/20/2017	16.96	17.74	0.78		837.17	837.74	2/21/2017	13:49	14:00
	2/17/2017	16.94	17.95	1.01		836.96	837.69	2/17/2017	11:12	11:20
	2/9/2017	17.17	18.30	1.13		836.61	837.43	2/9/2017	11:25	12:00
	2/6/2017	17.11	18.45	1.34		836.46	837.43	2/6/2017	11:32	11:41
	2/2/2017	17.14	18.51	1.37		836.40	837.40	2/2/2017	9:40	9:55
	1/30/2017	17.15	18.76	1.61		836.15	837.32	1/30/2017	9:15	9:35
	1/26/2017	17.33	18.94	1.61		835.97	837.14			
	1/23/2017	17.40	19.19	1.79		835.72	837.02	1/23/2017	12:10	12:20
	1/19/2017	17.58	19.45	1.87		835.46	836.82	1/19/2017	12:05	12:15
	1/16/2017	17.45	NO WATER	2.77		-	-	1/16/2017	12:20	12:29
	1/12/2017	17.40	NO WATER	2.82		-	-			
	1/5/2017	17.68	NO WATER	2.54		-	-			
	12/30/2016	17.70	19.90	2.20		835.01	836.61	12/30/2016	10:55	11:05
	12/21/2016	17.61	19.68	2.07		835.23	836.74	12/22/2016	17:46	17:55
	12/14/2016	17.55	19.65	2.10		835.26	836.79			
	12/7/2016	17.35	19.69	2.34		835.22	836.92	12/9/2016	14:45	15:20
	11/10/2016	16.86	18.89	2.03		836.02	837.50	11/10/2016	10:30	10:40
	10/31/2016	16.60	18.43	1.83		836.48	837.81			
	10/24/2016	16.50	18.00	1.50		836.91	838.00	10/24/2016	13:50	13:59
	10/17/2016	16.30	17.69	1.39		837.22	838.23	10/17/2016	14:48	14:58
	10/9/2016	16.22	17.57	1.35		837.34	838.32			
	10/4/2016	16.11	16.75	0.64		838.16	838.62			
	9/27/2016	15.80	16.85	1.05		838.06	838.82	9/27/2016	11:35	11:43
	9/19/2016	18.65	19.25	0.60		835.66	836.09			
	9/12/2016	15.40	15.88	0.48		839.03	839.38	9/12/2016	12:55	13:01
9/9/2016	15.30	15.75	0.45		839.16	839.48				
9/6/2016	15.08	15.39	0.31		839.52	839.74				
9/2/2016	15.02	15.35	0.33		839.56	839.80				
RS-09					847.60					
	3/31/2017	16.93	17.18	0.25		830.42	830.60			
	3/27/2017	16.93	17.15	0.22		830.45	830.61			
	3/24/2017	16.92	17.15	0.23		830.45	830.62			
	3/20/2017	16.97	17.20	0.23		830.40	830.57			
	3/16/2017	16.98	17.21	0.23		830.39	830.56			
	3/13/2017	18.47	18.72	0.25		830.40	830.58			
	3/6/2017	18.47	18.69	0.22		830.43	830.59			
	3/2/2017	18.45	NO WATER	0.40		-	-			
	2/27/2017	18.48	NO WATER	0.37		-	-			
	2/23/2017	18.40	NO WATER	0.45		-	-			
	2/20/2017	18.41	18.75	0.34		830.37	830.62			
	2/17/2017	18.40	NO WATER	0.45		-	-			
	2/9/2017	18.38	NO WATER	0.47		-	-			
	2/6/2017	18.45	NO WATER	0.40		-	-			
	2/2/2017	18.49	NO WATER	0.36		-	-			
	1/30/2017	18.48	NO WATER	0.37		-	-			
1/26/2017	18.50	NO WATER	0.35		-	-				
1/23/2017	18.01	18.51	0.50		830.61	830.97	1/23/2017	13:45	13:50	
1/19/2017	18.50	18.51	0.01		830.61	830.62				

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-09 (cont'd)	1/16/2017	18.50	18.51	0.01		830.61	830.62	1/16/2017	13:42	13:49
	1/12/2017	-	18.37	-		830.75	-			
	1/5/2017	18.49	18.50	0.01		830.62	830.63			
	12/30/2016	-	18.40	-		830.72	-			
	12/21/2016	-	18.48	-		830.64	-			
	12/14/2016	18.49	18.50	0.01		830.62	830.63			
	12/7/2016	-	18.43	-		830.69	-			
	11/10/2016	18.13	18.48	0.35		830.64	830.90			
	10/31/2016	18.05	18.45	0.40		830.67	830.96			
	10/24/2016	17.80	18.16	0.36		830.96	831.22	10/24/2016	12:52	12:59
	10/17/2016	15.33	15.59	0.26		833.53	833.72			
	10/9/2016	15.36	15.50	0.14		833.62	833.72			
	10/4/2016	15.25	15.57	0.32		833.55	833.78			
	9/27/2016	15.22	15.54	0.32		833.58	833.81			
	9/19/2016	15.33	15.37	0.04		833.75	833.78			
	9/12/2016	15.28	15.46	0.18		833.66	833.79			
9/9/2016	15.16	15.38	0.22		833.74	833.90				
9/6/2016	15.10	15.31	0.21		833.81	833.96				
9/2/2016	15.05	15.20	0.15		833.92	834.03				
RS-10					847.42					
	3/31/2017	15.65	16.30	0.65		831.12	831.59	3/31/2017	11:31	11:40
	3/27/2017	15.90	16.46	0.56		830.96	831.37			
	3/24/2017	15.97	16.40	0.43		831.02	831.33			
	3/20/2017	16.00	16.65	0.65		830.77	831.24	3/20/2017	11:35	11:44
	3/16/2017	16.14	16.64	0.50		830.78	831.15			
	3/13/2017	16.05	16.41	0.36		831.11	831.38			
	3/6/2017	16.18	16.53	0.35		830.99	831.25			
	3/2/2017	15.99	16.55	0.56		830.97	831.38	3/3/2017	9:21	9:29
	2/27/2017	16.10	16.53	0.43		830.99	831.31			
	2/23/2017	15.92	16.50	0.58		831.02	831.45	2/24/2017	9:21	9:31
	2/20/2017	16.05	16.44	0.39		831.08	831.37			
	2/17/2017	15.85	16.64	0.79		830.88	831.46			
	2/9/2017	15.80	16.25	0.45		831.27	831.60			
	2/6/2017	16.11	16.70	0.59		830.82	831.25	2/6/2017	11:07	11:18
	2/2/2017	16.25	16.60	0.35		830.92	831.18			
	1/30/2017	16.25	16.80	0.55		830.72	831.13	1/30/2017	11:17	11:30
	1/26/2017	16.48	16.83	0.35		830.69	830.95			
	1/23/2017	16.13	16.54	0.41		830.98	831.28	1/23/2017	14:47	14:56
	1/19/2017	16.80	17.35	0.55		830.17	830.58			
	1/16/2017	16.84	17.20	0.36		830.32	830.59	1/16/2017	14:00	14:10
	1/12/2017	16.12	18.61	2.49		828.91	830.73	1/12/2017	9:30	10:00
	1/5/2017	16.40	18.70	2.30		828.82	830.50			
	12/30/2016	15.30	19.60	4.30		827.92	831.06	12/30/2016	14:44	14:54
	12/21/2016	16.20	19.08	2.88		828.44	830.55	12/22/2016	15:02	15:12
	12/14/2016	16.07	18.79	2.72		828.73	830.72	12/14/2016	14:03	14:13
	12/7/2016	15.92	18.13	2.21		829.39	831.01			
	11/10/2016	15.20	16.44	1.24		831.08	831.99			
	10/31/2016	15.16	16.30	1.14		831.22	832.06			
	10/24/2016	14.50	16.30	1.80		831.22	832.54	10/24/2016	12:45	12:52
	10/17/2016	13.23	13.64	0.41		833.88	834.18			
	10/9/2016	13.15	13.24	0.09		834.28	834.35			
	10/4/2016	13.10	13.49	0.39		834.03	834.32			
	9/27/2016	13.00	13.40	0.40		834.12	834.42			
	9/19/2016	13.03	13.45	0.42		834.07	834.38			
	9/12/2016	12.66	12.99	0.33		834.53	834.77			
	9/9/2016	12.60	12.93	0.33		834.59	834.83			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-10 (cont'd)	9/6/2016	12.30	12.80	0.50		834.72	835.09			
	9/2/2016	12.23	12.65	0.42		834.87	835.18	9/2/2016	15:13	15:21
RS-11					847.44					
	3/31/2017	15.36	15.77	0.41		831.67	831.97			
	3/27/2017	15.40	15.90	0.50		831.54	831.91			
	3/24/2017	15.46	15.86	0.40		831.58	831.87			
	3/20/2017	15.58	15.94	0.36		831.50	831.76			
	3/16/2017	15.62	16.09	0.47		831.35	831.69			
	3/13/2017	16.47	16.92	0.45		831.49	831.82			
	3/6/2017	16.54	16.94	0.40		831.47	831.76			
	3/2/2017	16.43	16.82	0.39		831.59	831.88			
	2/27/2017	16.50	16.90	0.40		831.51	831.80			
	2/23/2017	16.50	16.85	0.35		831.56	831.82			
	2/20/2017	16.43	16.94	0.51		831.47	831.84	2/21/2017	8:15	8:29
	2/17/2017	16.46	16.92	0.46		831.49	831.83			
	2/9/2017	16.70	17.13	0.43		831.28	831.60			
	2/6/2017	16.65	17.10	0.45		831.31	831.64	2/6/2017	10:55	11:05
	2/2/2017	16.73	17.75	1.02		830.66	831.41			
	1/30/2017	16.80	17.20	0.40		831.21	831.50			
	1/26/2017	17.04	17.38	0.34		831.03	831.28			
	1/23/2017	17.15	17.54	0.39		830.87	831.16	1/23/2017	14:33	14:37
	1/19/2017	17.27	17.70	0.43		830.71	831.03			
	1/16/2017	17.28	17.65	0.37		830.76	831.03	1/16/2017	14:20	14:30
	1/12/2017	17.00	17.26	0.26		831.15	831.34	1/12/2017	11:02	11:32
	1/5/2017	17.22	18.03	0.81		830.38	830.97			
	12/30/2016	17.10	18.00	0.90		830.41	831.07	12/30/2016	11:55	12:05
	12/21/2016	17.04	17.87	0.83		830.54	831.15	12/22/2016	14:51	15:00
	12/14/2016	16.82	17.60	0.78		830.81	831.38	12/14/2016	14:14	14:24
	12/7/2016	16.64	17.31	0.67		831.10	831.59			
	11/10/2016	15.46	15.90	0.44		832.51	832.83			
	10/31/2016	15.40	15.84	0.44		832.57	832.89			
	10/24/2016	14.68	15.12	0.44		833.29	833.61			
	10/17/2016	13.56	13.83	0.27		834.58	834.78			
	10/9/2016	13.46	13.82	0.36		834.59	834.85			
	10/4/2016	13.45	13.72	0.27		834.69	834.89			
	9/27/2016	13.40	13.68	0.28		834.73	834.94			
	9/19/2016	13.35	13.60	0.25		834.81	834.99			
	9/12/2016	-	13.07	-		835.34	-			
	9/9/2016	12.90	13.08	0.18		835.33	835.46			
	9/6/2016	12.61	12.85	0.24		835.56	835.74			
	9/2/2016	12.57	12.78	0.21		835.63	835.78			
RS-12					847.74					
	3/31/2017	15.65	16.05	0.40		831.69	831.98			
	3/27/2017	15.68	16.07	0.39		831.67	831.95			
	3/24/2017	15.75	16.15	0.40		831.59	831.88			
	3/20/2017	15.86	16.20	0.34		831.54	831.79			
	3/16/2017	15.90	16.38	0.48		831.36	831.71	3/17/2017	9:07	9:17
	3/13/2017	16.92	17.40	0.48		831.47	831.82			
	3/6/2017	16.98	17.40	0.42		831.47	831.78			
	3/2/2017	16.90	17.30	0.40		831.57	831.86			
	2/27/2017	16.96	17.36	0.40		831.51	831.80			
	2/23/2017	16.98	17.30	0.32		831.57	831.80			
	2/20/2017	16.90	17.41	0.51		831.46	831.83	2/21/2017	8:31	8:35
	2/17/2017	16.90	17.36	0.46		831.51	831.85			
	2/9/2017	17.15	17.58	0.43		831.29	831.60			
	2/6/2017	17.10	17.55	0.45		831.32	831.65			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-12 (cont'd)	2/2/2017	17.15	17.60	0.45		831.27	831.60			
	1/30/2017	17.27	17.64	0.37		831.23	831.50			
	1/26/2017	17.46	17.82	0.36		831.05	831.31			
	1/23/2017	17.60	17.97	0.37		830.90	831.17			
	1/19/2017	17.73	18.20	0.47		830.67	831.01			
	1/16/2017	17.74	18.10	0.36		830.77	831.03			
	1/12/2017	17.45	18.20	0.75		830.67	831.22			
	1/5/2017	17.70	18.50	0.80		830.37	830.95			
	12/30/2016	17.60	18.50	0.90		830.37	831.03			
	12/21/2016	17.50	18.32	0.82		830.55	831.15	12/22/2016	14:41	14:50
	12/14/2016	17.26	18.04	0.78		830.83	831.40	12/14/2016	14:24	14:34
	12/7/2016	17.11	17.80	0.69		831.07	831.57	12/9/2016	15:20	15:40
	11/10/2016	16.03	16.56	0.53		832.31	832.70			
	10/31/2016	15.90	16.30	0.40		832.57	832.86			
	10/24/2016	15.10	15.51	0.41		833.36	833.66			
	10/17/2016	13.63	13.94	0.31		834.93	835.16			
	10/9/2016	13.57	13.88	0.31		834.99	835.22			
	10/4/2016	13.57	13.83	0.26		835.04	835.23			
	9/27/2016	13.61	13.88	0.27		834.99	835.19			
	9/19/2016	13.57	13.81	0.24		835.06	835.24			
9/12/2016	13.53	13.74	0.21		835.13	835.28				
9/9/2016	13.05	13.26	0.21		835.61	835.76				
9/6/2016	12.92	13.15	0.23		835.72	835.89				
9/2/2016	12.91	13.13	0.22		835.74	835.90				
RS-13					846.61					
	3/31/2017	16.65	16.71	0.06		829.90	829.94			
	3/27/2017	16.59	16.69	0.10		829.92	829.99			
	3/24/2017	16.56	16.66	0.10		829.95	830.02			
	3/20/2017	16.51	16.60	0.09		830.01	830.08			
	3/16/2017	16.43	16.47	0.04		830.14	830.17			
	3/13/2017	18.23	18.31	0.08		829.97	830.03			
	3/6/2017	18.30	18.42	0.12		829.86	829.95			
	3/2/2017	18.14	18.25	0.11		830.03	830.11			
	2/27/2017	18.10	18.23	0.13		830.05	830.15			
	2/23/2017	17.91	18.04	0.13		830.24	830.34			
	2/20/2017	17.85	18.00	0.15		830.28	830.39			
	2/17/2017	17.76	17.87	0.11		830.41	830.49			
	2/9/2017	17.86	17.96	0.10		830.32	830.39			
	2/6/2017	17.45	17.55	0.10		830.73	830.80			
	2/2/2017	18.11	18.31	0.20		829.97	830.12			
	1/30/2017	17.97	18.10	0.13		830.18	830.28			
	1/26/2017	17.77	17.87	0.10		830.41	830.48			
	1/23/2017	17.74	17.80	0.06		830.48	830.53	1/23/2017	14:39	14:44
	1/19/2017	19.05	19.20	0.15		829.08	829.19			
	1/16/2017	18.90	19.08	0.18		829.20	829.33	1/16/2017	14:35	14:45
	1/12/2017	18.65	18.77	0.12		829.51	829.60	1/12/2017	12:45	13:15
	1/5/2017	18.70	18.89	0.19		829.39	829.53			
	12/30/2016	-	19.60	-		828.68	-			
	12/21/2016	19.72	19.73	0.01		828.55	828.56			
	12/14/2016	19.64	19.72	0.08		828.56	828.62			
	12/7/2016	19.45	19.65	0.20		828.63	828.78			
	11/10/2016	16.70	17.36	0.66		830.92	831.40			
	10/31/2016	16.89	17.40	0.51		830.88	831.25			
	10/24/2016	16.72	17.33	0.61		830.95	831.40			
	10/17/2016	15.92	16.36	0.44		831.92	832.24			
	10/9/2016	15.73	16.24	0.51		832.04	832.41			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-13 (cont'd)	10/4/2016	15.80	16.18	0.38		832.10	832.38			
	9/27/2016	15.86	16.08	0.22		832.20	832.36			
	9/19/2016	15.76	15.91	0.15		832.37	832.48			
	9/12/2016	15.70	15.88	0.18		832.40	832.53			
	9/9/2016	15.64	15.78	0.14		832.50	832.60			
	9/6/2016	15.55	15.76	0.21		832.52	832.67			
	9/2/2016	15.59	15.83	0.24		832.45	832.63			
RS-14					845.97					
	3/31/2017	12.70	12.90	0.20		833.07	833.22			
	3/27/2017	13.80	14.12	0.32		831.85	832.08			
	3/24/2017	13.75	14.06	0.31		831.91	832.14			
	3/20/2017	13.66	13.92	0.26		832.05	832.24			
	3/16/2017	13.63	13.87	0.24		832.10	832.28			
	3/13/2017	14.63	14.88	0.25		832.04	832.22			
	3/6/2017	14.60	14.85	0.25		832.07	832.25			
	3/2/2017	14.30	14.60	0.30		832.32	832.54			
	2/27/2017	14.15	14.50	0.35		832.42	832.67			
	2/23/2017	13.77	14.08	0.31		832.84	833.07			
	2/20/2017	13.45	13.75	0.30		833.17	833.39			
	2/17/2017	12.96	13.26	0.30		833.66	833.88			
	2/9/2017	10.80	11.03	0.23		835.89	836.06			
	2/6/2017	13.94	14.22	0.28		832.70	832.90			
	2/2/2017	13.67	13.98	0.31		832.94	833.17			
	1/30/2017	13.03	13.32	0.29		833.60	833.81			
	1/26/2017	11.20	11.60	0.40		835.32	835.61			
	1/23/2017	8.82	9.10	0.28		837.82	838.02			
	1/19/2017	15.15	15.55	0.40		831.37	831.66			
	1/16/2017	14.80	15.21	0.41		831.71	832.01			
	1/12/2017	14.08	14.42	0.34		832.50	832.75	1/12/2017	11:34	12:04
	1/5/2017	13.70	14.11	0.41		832.81	833.11			
	12/30/2016	17.10	17.60	0.50		829.32	829.68			
	12/21/2016	16.90	17.35	0.45		829.57	829.90			
	12/14/2016	16.64	17.04	0.40		829.88	830.17			
	12/7/2016	16.47	16.75	0.28		830.17	830.37			
	11/10/2016	15.44	15.68	0.24		831.24	831.41			
	10/31/2016	15.35	15.60	0.25		831.32	831.50			
	10/24/2016	15.15	15.40	0.25		831.52	831.70			
	10/17/2016	13.46	13.79	0.33		833.13	833.37			
	10/9/2016	13.33	13.56	0.23		833.36	833.53			
	10/4/2016	13.40	13.65	0.25		833.27	833.45			
	9/27/2016	13.34	13.58	0.24		833.34	833.51			
	9/19/2016	13.23	13.39	0.16		833.53	833.65			
	9/12/2016	13.15	13.33	0.18		833.59	833.72			
	9/9/2016	13.05	13.28	0.23		833.64	833.81			
	9/6/2016	12.05	12.12	0.07		834.80	834.85			
	9/2/2016	12.01	12.07	0.06		834.85	834.89			
RS-15					846.41					
	3/31/2017	12.94	13.04	0.10		833.37	833.44			
	3/27/2017	13.10	13.28	0.18		833.13	833.26			
	3/24/2017	13.10	13.26	0.16		833.15	833.27			
	3/20/2017	13.07	13.19	0.12		833.22	833.31			
	3/16/2017	13.12	13.30	0.18		833.11	833.24			
	3/13/2017	15.67	15.84	0.17		833.13	833.26			
	3/6/2017	15.47	15.67	0.20		833.30	833.45			
	3/2/2017	15.25	15.44	0.19		833.53	833.67			
	2/27/2017	15.20	15.40	0.20		833.57	833.72			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-15 (cont'd)	2/23/2017	14.92	15.11	0.19		833.86	834.00			
	2/20/2017	14.82	15.02	0.20		833.95	834.10			
	2/17/2017	14.69	14.88	0.19		834.09	834.23			
	2/9/2017	14.22	14.35	0.13		834.62	834.72			
	2/6/2017	15.16	15.36	0.20		833.61	833.76			
	2/2/2017	15.03	15.25	0.22		833.72	833.88			
	1/30/2017	14.82	15.03	0.21		833.94	834.10			
	1/26/2017	14.37	14.77	0.40		834.20	834.50			
	1/23/2017	13.48	13.67	0.19		835.30	835.44			
	1/19/2017	16.50	16.73	0.23		832.24	832.41			
	1/16/2017	16.43	16.68	0.25		832.29	832.48			
	1/12/2017	16.30	16.45	0.15		832.52	832.63			
	1/5/2017	16.73	16.95	0.22		832.02	832.18			
	12/30/2016	18.40	18.80	0.40		830.17	830.47			
	12/21/2016	18.18	18.53	0.35		830.44	830.70			
	12/14/2016	17.87	18.18	0.31		830.79	831.02			
	12/7/2016	17.66	17.88	0.22		831.09	831.25			
	11/10/2016	16.20	16.50	0.30		832.47	832.69			
	10/31/2016	16.28	16.56	0.28		832.41	832.62			
	10/24/2016	16.18	16.46	0.28		832.51	832.72			
	10/17/2016	15.05	15.32	0.27		833.65	833.85			
	10/9/2016	15.00	15.26	0.26		833.71	833.90			
	10/4/2016	14.92	15.24	0.32		833.73	833.97			
	9/27/2016	14.83	15.15	0.32		833.82	834.06			
	9/19/2016	14.74	14.81	0.07		834.16	834.21			
	9/12/2016	14.66	14.78	0.12		834.19	834.28			
9/9/2016	14.50	14.70	0.20		834.27	834.42				
9/6/2016	13.80	14.10	0.30		834.87	835.09				
9/2/2016	12.71	12.83	0.12		836.14	836.23				
RS-16					845.44					
	3/31/2017	12.57	12.58	0.01		832.86	832.87			
	3/27/2017	13.72	13.81	0.09		831.63	831.70			
	3/24/2017	13.71	13.78	0.07		831.66	831.71			
	3/20/2017	13.60	13.66	0.06		831.78	831.82			
	3/16/2017	13.51	13.60	0.09		831.84	831.91			
	3/13/2017	14.96	14.97	0.01		831.80	831.81			
	3/6/2017	15.00	15.01	0.01		831.76	831.77			
	3/2/2017	14.78	14.87	0.09		831.90	831.97			
	2/27/2017	14.80	14.90	0.10		831.87	831.94			
	2/23/2017	14.53	14.58	0.05		832.19	832.23			
	2/20/2017	14.45	14.50	0.05		832.27	832.31			
	2/17/2017	14.23	14.27	0.04		832.50	832.53			
	2/9/2017	12.75	12.76	0.01		834.01	834.02			
	2/6/2017	14.55	14.62	0.07		832.15	832.20			
	2/2/2017	14.80	14.90	0.10		831.87	831.94			
	1/30/2017	14.55	14.60	0.05		832.17	832.21			
	1/26/2017	13.54	13.55	0.01		833.22	833.23			
	1/23/2017	9.30	9.31	0.01		837.46	837.47			
	1/19/2017	16.26	16.42	0.16		830.35	830.47			
	1/16/2017	16.25	16.38	0.13		830.39	830.48			
	1/12/2017	15.91	16.03	0.12		830.74	830.83	1/12/2017	10:01	10:30
	1/5/2017	16.12	16.28	0.16		830.49	830.61			
	12/30/2016	18.00	18.30	0.30		828.47	828.69	12/30/2016	15:00	15:10
	12/21/2016	17.80	18.32	0.52		828.45	828.83	12/22/2016	14:20	14:29
	12/14/2016	17.60	18.08	0.48		828.69	829.04			
12/7/2016	-	17.32	-		829.45	-				

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Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-16 (cont'd)	11/10/2016	16.47	16.83	0.36		829.94	830.20			
	10/31/2016	16.35	16.77	0.42		830.00	830.31			
	10/24/2016	16.05	16.43	0.38		830.34	830.62			
	10/17/2016	-	14.10	-		832.67	-			
	10/9/2016	-	14.03	-		832.74	-			
	10/4/2016	-	13.95	-		832.82	-			
	9/27/2016	-	13.88	-		832.89	-			
	9/19/2016	-	13.79	-		832.98	-			
	9/12/2016	-	13.63	-		833.14	-			
	9/9/2016	-	13.54	-		833.23	-			
	9/6/2016	-	13.48	-		833.29	-			
9/2/2016	-	13.52	-		833.25	-				
RS-17					844.22					
	3/31/2017	7.98	7.99	0.01		836.23	836.24			
	3/27/2017	11.38	11.40	0.02		832.82	832.83			
	3/24/2017	11.23	11.25	0.02		832.97	832.98			
	3/20/2017	10.70	10.76	0.06		833.46	833.50			
	3/16/2017	9.37	9.38	0.01		834.84	834.85			
	3/13/2017	9.45	9.47	0.02		835.68	835.70			
	3/6/2017	12.26	12.27	0.01		832.88	832.89			
	3/2/2017	11.16	11.17	0.01		833.98	833.99			
	2/27/2017	12.10	12.15	0.05		833.00	833.04			
	2/23/2017	11.58	11.60	0.02		833.55	833.57			
	2/20/2017	11.18	11.20	0.02		833.95	833.97			
	2/17/2017	10.03	10.04	0.01		835.11	835.12			
	2/9/2017	7.02	7.03	0.01		838.12	838.13			
	2/6/2017	12.38	12.40	0.02		832.75	832.77			
	2/2/2017	12.25	12.32	0.07		832.83	832.88			
	1/30/2017	11.80	11.82	0.02		833.33	833.35			
	1/26/2017	10.19	10.20	0.01		834.95	834.96			
	1/23/2017	6.10	6.11	0.01		839.04	839.05			
	1/19/2017	13.82	13.95	0.13		831.20	831.30			
	1/16/2017	13.55	13.67	0.12		831.48	831.57			
	1/12/2017	12.90	13.00	0.10		832.15	832.23			
	1/5/2017	12.67	12.77	0.10		832.38	832.46			
	12/30/2016	16.90	17.00	0.10		828.15	828.23			
	12/21/2016	16.97	17.22	0.25		827.93	828.11			
	12/14/2016	16.75	17.00	0.25		828.15	828.33			
	12/7/2016	16.44	16.65	0.21		828.50	828.66			
	11/10/2016	15.50	15.76	0.26		829.39	829.58			
	10/31/2016	15.40	15.70	0.30		829.45	829.67			
	10/24/2016	15.25	15.50	0.25		829.65	829.83			
	10/17/2016	10.65	10.83	0.18		834.32	834.45			
	10/9/2016	10.44	10.70	0.26		834.45	834.64			
	10/4/2016	10.61	10.78	0.17		834.37	834.50			
	9/27/2016	10.56	10.69	0.13		834.46	834.56			
	9/19/2016	10.48	10.57	0.09		834.58	834.65			
	9/12/2016	10.41	10.53	0.12		834.62	834.71			
	9/9/2016	10.33	10.49	0.16		834.66	834.78			
	9/6/2016	10.25	10.37	0.12		834.78	834.87			
	9/2/2016	10.22	10.34	0.12		834.81	834.90			
RS-18					847.89					
	3/31/2017	16.58	17.06	0.48		830.83	831.18	3/31/2017	12:05	12:13
	3/27/2017	17.24	17.73	0.49		830.16	830.52			
	3/24/2017	17.31	17.71	0.40		830.18	830.47			
	3/20/2017	17.40	17.64	0.24		830.25	830.43			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-18 (cont'd)	3/16/2017	17.90	18.05	0.15		829.84	829.95			
	3/13/2017	17.92	18.52	0.60		830.07	830.51	3/15/2017	10:14	10:20
	3/6/2017	18.10	18.52	0.42		830.07	830.38			
	3/2/2017	18.11	18.36	0.25		830.23	830.41			
	2/27/2017	17.95	18.45	0.50		830.14	830.51	2/27/2017	13:30	13:38
	2/23/2017	17.88	18.22	0.34		830.37	830.62			
	2/20/2017	18.03	18.30	0.27		830.29	830.49			
	2/17/2017	17.79	18.34	0.55		830.25	830.65	2/17/2017	12:36	12:42
	2/9/2017	17.18	17.56	0.38		831.03	831.31			
	2/6/2017	17.97	18.30	0.33		830.29	830.53			
	2/2/2017	18.28	18.55	0.27		830.04	830.24			
	1/30/2017	18.35	18.57	0.22		830.02	830.18			
	1/26/2017	18.14	18.27	0.13		830.32	830.42			
	1/23/2017	16.30	16.37	0.07		832.22	832.27			
	1/19/2017	18.93	19.48	0.55		829.11	829.51	1/19/2017	16:01	16:10
	1/16/2017	18.99	19.44	0.45		829.15	829.48			
	1/12/2017	18.93	19.19	0.26		829.40	829.59	1/12/2017	10:31	11:00
	1/5/2017	18.50	18.60	0.10		829.99	830.07			
	12/30/2016	19.30	19.70	0.40		828.89	829.18	12/30/2016	14:34	14:42
	12/21/2016	19.15	19.65	0.50		828.94	829.31	12/22/2016	16:17	16:27
	12/14/2016	18.77	19.74	0.97		828.85	829.56	12/14/2016	14:53	15:03
	12/7/2016	18.71	19.47	0.76		829.12	829.68			
	11/10/2016	17.94	18.40	0.46		830.19	830.53	11/10/2016	11:20	11:37
	10/31/2016	17.40	18.10	0.70		830.49	831.00			
	10/24/2016	15.85	16.38	0.53		832.21	832.60			
	10/17/2016	15.00	15.40	0.40		833.19	833.48			
	10/9/2016	14.86	15.20	0.34		833.39	833.64			
	10/4/2016	14.95	15.37	0.42		833.22	833.53			
	9/27/2016	14.83	15.20	0.37		833.39	833.66			
	9/19/2016	14.76	14.92	0.16		833.67	833.79			
9/12/2016	14.71	14.84	0.13		833.75	833.85				
9/9/2016	14.64	14.77	0.13		833.82	833.92				
9/6/2016	14.58	14.67	0.09		833.92	833.99				
9/2/2016	14.64	14.93	0.29		833.66	833.87				
RS-19					850.40					
	3/31/2017	-	NM	-		-	-			
	3/27/2017	-	NM	-		-	-			
	3/24/2017	-	NM	-		-	-			
	3/20/2017	-	NM	-		-	-			
	3/16/2017	-	NM	-		-	-			
	3/13/2017	-	NM	-		-	-			
	3/6/2017	-	NM	-		-	-			
	3/2/2017	-	NM	-		-	-			
	2/27/2017	-	NM	-		-	-			
	2/23/2017	-	NM	-		-	-			
	2/20/2017	-	NM	-		-	-			
	2/17/2017	-	NM	-		-	-			
	2/9/2017	-	NM	-		-	-			
	2/6/2017	-	NM	-		-	-			
	2/2/2017	-	NM	-		-	-			
	1/30/2017	-	NM	-		-	-			
	1/26/2017	-	NM	-		-	-			
	1/23/2017	-	NM	-		-	-			
	1/19/2017	-	12.11	-		840.26	-			
	1/16/2017	12.09	12.10	0.01		840.27	840.27			
	1/12/2017	-	NM	-		-	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RS-19 (cont'd)	1/5/2017	11.55	11.56	0.01		840.81	840.81			
	12/30/2016	-	NM	-		-	-			
	12/21/2016	14.81	14.82	0.01		837.55	837.55			
	12/14/2016	15.83	15.85	0.02		836.52	836.53			
	12/7/2016	14.80	14.82	0.02		837.55	837.56			
	11/10/2016	14.70	NO WATER	0.40		-	-			
	10/31/2016	14.63	14.95	0.32		837.42	837.65			
	10/24/2016	14.50	14.77	0.27		837.60	837.79			
	10/17/2016	13.48	13.65	0.17		838.72	838.84			
	10/9/2016	13.31	13.60	0.29		838.77	838.98			
	10/4/2016	13.46	13.63	0.17		838.74	838.86			
	9/27/2016	13.33	13.53	0.20		838.84	838.98			
	9/19/2016	12.94	13.12	0.18		839.25	839.38			
	9/12/2016	12.85	13.03	0.18		839.34	839.47			
	9/9/2016	12.89	13.03	0.14		839.34	839.44			
	9/6/2016	-	11.29	-		841.08	-			
9/2/2016	-	11.36	-		841.01	-				
RS-20					842.69					
	3/31/2017	-	10.53	-		832.16	-			
	3/27/2017	-	10.51	-		832.18	-			
	3/24/2017	-	10.51	-		832.18	-			
	3/20/2017	-	10.54	-		832.15	-			
	3/16/2017	-	10.54	-		832.15	-			
	3/13/2017	-	11.41	-		832.08	-			
	3/6/2017	-	11.40	-		832.09	-			
	3/2/2017	-	11.40	-		832.09	-			
	2/27/2017	-	11.41	-		832.08	-			
	2/23/2017	-	11.42	-		832.07	-			
	2/20/2017	-	11.40	-		832.09	-			
	2/17/2017	-	11.41	-		832.08	-			
	2/9/2017	-	11.41	-		832.08	-			
	2/6/2017	-	11.40	-		832.09	-			
	2/2/2017	-	11.40	-		832.09	-			
	1/30/2017	-	11.40	-		832.09	-			
	1/26/2017	-	11.40	-		832.09	-			
	1/23/2017	-	11.40	-		832.09	-			
	1/19/2017	-	11.41	-		832.08	-			
	1/16/2017	-	11.40	-		832.09	-			
	1/12/2017	-	11.35	-		832.14	-			
	1/5/2017	-	11.41	-		832.08	-			
	12/30/2016	-	18.30	-		825.19	-			
	12/21/2016	-	11.40	-		832.09	-			
	12/14/2016	-	11.40	-		832.09	-			
	12/7/2016	-	11.36	-		832.13	-			
	11/10/2016	-	13.50	-		829.99	-	11/10/2016	11:34	11:44
	10/31/2016	-	13.43	-		830.06	-			
	10/24/2016	-	13.39	-		830.10	-			
	10/17/2016	-	11.65	-		831.84	-			
	10/9/2016	-	11.52	-		831.97	-			
	10/4/2016	-	11.70	-		831.79	-			
	9/27/2016	-	11.56	-		831.93	-			
	9/19/2016	-	11.39	-		832.10	-			
	9/12/2016	-	11.81	-		831.68	-			
	9/9/2016	-	11.73	-		831.76	-			
	9/6/2016	-	11.65	-		831.84	-			
	9/2/2016	-	11.63	-		831.86	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-1A					854.06					
	3/31/2017	16.05	16.25	0.20		837.81	837.96			
	3/27/2017	16.10	16.32	0.22		837.74	837.90	3/27/2017	13:32	13:39
	3/24/2017	16.11	16.39	0.28		837.67	837.87	3/24/2017	13:45	13:54
	3/20/2017	16.22	16.43	0.21		837.63	837.78			
	3/16/2017	16.42	16.60	0.18		837.46	837.59	3/17/2017	7:37	7:39
	3/13/2017	18.47	NO WATER	2.42		-	-	3/15/2017	8:14	8:19
	3/6/2017	18.55	18.96	0.41		837.25	837.55	3/6/2017	12:27	12:33
	3/2/2017	18.60	19.01	0.41		837.20	837.50	3/3/2017	8:30	8:33
	2/27/2017	18.65	19.12	0.47		837.09	837.43	2/27/2017	14:02	14:09
	2/23/2017	18.65	19.10	0.45		837.11	837.44	2/24/2017	11:01	11:09
	2/20/2017	18.68	19.18	0.50		837.03	837.40	2/21/2017	14:10	14:17
	2/17/2017	18.70	19.28	0.58		836.93	837.35	2/17/2017	11:23	11:30
	2/9/2017	18.85	19.89	1.04		836.32	837.08	2/9/2017	12:02	12:20
	2/6/2017	19.91	NO WATER	0.98		-	-	2/6/2017	11:42	11:46
	2/2/2017	18.75	20.50	1.75		835.71	836.99	2/2/2017	9:01	9:10
	1/30/2017	18.76	NO WATER	2.13		-	-	1/30/2017	9:40	9:45
	1/26/2017	18.85	NO WATER	2.04		-	-			
	1/23/2017	18.96	NO WATER	1.93		-	-	1/23/2017	12:22	12:27
	1/19/2017	19.07	NO WATER	1.82		-	-	1/19/2017	12:40	12:47
	1/16/2017	18.92	NO WATER	1.97		-	-	1/16/2017	12:30	12:40
	1/12/2017	18.91	20.80	1.89		835.41	836.79			
	1/5/2017	19.23	NO WATER	1.66		-	-			
	12/30/2016	19.20	20.70	1.50		835.51	836.61	12/30/2016	10:10	10:20
	12/21/2016	19.15	NO WATER	1.74		-	-	12/22/2016	17:21	17:30
	12/14/2016	19.10	20.85	1.75		835.36	836.64	12/14/2016	10:16	10:31
	12/7/2016	18.83	20.57	1.74		835.64	836.91	12/9/2016	14:00	14:45
	11/10/2016	18.70	19.73	1.03		836.48	837.23	11/10/2016	10:18	10:30
	10/31/2016	18.20	19.83	1.63		836.38	837.57			
	10/24/2016	18.10	19.28	1.18		836.93	837.79	10/24/2016	14:17	14:25
	10/17/2016	17.93	18.90	0.97		837.31	838.02	10/17/2016	15:19	15:27
	10/9/2016	17.81	18.70	0.89		837.51	838.16			
	10/4/2016	18.71	19.03	0.32		837.18	837.41			
	9/27/2016	18.65	18.94	0.29		837.27	837.48			
	9/19/2016	16.28	16.50	0.22		839.71	839.87			
	9/12/2016	17.05	17.24	0.19		838.97	839.11	9/12/2016	13:11	13:16
	9/9/2016	16.93	17.11	0.18		839.10	839.23			
	9/6/2016	16.68	16.80	0.12		839.41	839.50			
	9/2/2016	16.65	16.83	0.18		839.38	839.51			
RT-1B					854.15					
	3/31/2017	-	NM	-		-	-			
	3/27/2017	16.05	16.27	0.22		837.88	838.04	3/27/2017	13:39	13:46
	3/24/2017	16.07	16.34	0.27		837.81	838.01	3/24/2017	13:56	14:08
	3/20/2017	16.18	16.35	0.17		837.80	837.92			
	3/16/2017	16.38	16.55	0.17		837.60	837.72	3/17/2017	7:40	7:42
	3/13/2017	19.43	19.75	0.32		837.55	837.78	3/15/2017	8:20	8:25
	3/6/2017	19.52	20.00	0.48		837.30	837.65	3/6/2017	12:34	12:40
	3/2/2017	19.56	19.99	0.43		837.31	837.62	3/3/2017	8:34	8:37
	2/27/2017	19.61	20.06	0.45		837.24	837.56	2/27/2017	14:09	14:15
	2/23/2017	19.60	20.05	0.45		837.25	837.57	2/24/2017	11:09	11:17
	2/20/2017	19.64	20.12	0.48		837.18	837.53	2/21/2017	14:17	14:24
	2/17/2017	19.64	20.22	0.58		837.08	837.50	2/17/2017	11:30	11:37
	2/9/2017	19.79	NO WATER	1.31		-	-	2/9/2017	12:20	12:38
	2/6/2017	19.74	NO WATER	1.36		-	-	2/6/2017	11:46	11:50
	2/2/2017	19.70	NO WATER	1.40		-	-	2/2/2017	9:11	9:21
	1/30/2017	19.71	NO WATER	1.39		-	-	1/30/2017	9:50	9:55

Table 5. Groundwater Elevation and Product Thickness Data
 Plantation Pipe Line Company
 Lewis Drive Remediation, Belton, South Carolina
 Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of	Groundwater Elevation (ft amsl)	Corrected ³	Date of Product Evacuation	Start Time	Finish Time
					Casing Elevation ^{1,2} (ft amsl)		Groundwater Elevation (ft amsl)			
RT-1B (cont'd)	1/26/2017	19.78	NO WATER	1.32	-	-	-	1/26/2017	12:34	12:40
	1/23/2017	19.92	NO WATER	1.18	-	-	-	1/23/2017	12:29	12:38
	1/19/2017	20.01	NO WATER	1.09	-	-	-	1/19/2017	12:48	12:59
	1/16/2017	19.90	NO WATER	1.20	-	-	-	1/16/2017	12:45	12:55
	1/12/2017	19.88	NO WATER	1.22	-	-	-			
	1/5/2017	20.20	NO WATER	0.90	-	-	-			
	12/30/2016	20.20	NO WATER	0.90	-	-	-	12/30/2016	10:40	10:50
	12/21/2016	20.09	NO WATER	1.01	-	-	-	12/22/2016	17:10	17:20
	12/14/2016	20.04	20.83	0.79	-	836.47	837.04	12/14/2016	10:32	10:46
	12/7/2016	19.79	NO WATER	1.31	-	-	-	12/9/2016	13:30	14:00
	11/10/2016	19.25	20.10	0.85	-	837.20	837.82	11/10/2016	10:05	10:18
	10/31/2016	19.20	21.60	2.40	-	835.70	837.45			
	10/24/2016	19.05	20.25	1.20	-	837.05	837.92	10/24/2016	14:11	14:17
	10/17/2016	18.85	19.92	1.07	-	837.38	838.16	10/17/2016	15:10	15:19
	10/9/2016	18.90	19.60	0.70	-	837.70	838.21			
	10/4/2016	18.52	18.89	0.37	-	838.41	838.68			
	9/27/2016	18.48	18.76	0.28	-	838.54	838.74			
	9/19/2016	18.26	18.50	0.24	-	838.80	838.97			
	9/12/2016	18.03	18.24	0.21	-	839.06	839.21	9/12/2016	13:07	13:11
	9/9/2016	17.80	18.07	0.27	-	839.23	839.42			
9/6/2016	17.65	17.88	0.23	-	839.42	839.58				
9/2/2016	17.63	17.79	0.16	-	839.51	839.62				
RT-1C					854.55					
	3/31/2017	16.45	16.67	0.22	-	837.88	838.04			
	3/27/2017	16.50	16.73	0.23	-	837.82	837.99	3/27/2017	13:47	13:55
	3/24/2017	16.50	16.77	0.27	-	837.78	837.98	3/24/2017	14:10	14:21
	3/20/2017	16.64	16.85	0.21	-	837.70	837.85			
	3/16/2017	16.84	17.00	0.16	-	837.55	837.67	3/17/2017	7:43	7:45
	3/13/2017	19.61	19.91	0.30	-	837.11	837.33	3/15/2017	8:26	8:31
	3/6/2017	19.69	20.18	0.49	-	836.84	837.19	3/6/2017	12:41	12:47
	3/2/2017	19.74	20.15	0.41	-	836.87	837.17	3/3/2017	8:37	8:41
	2/27/2017	19.79	20.24	0.45	-	836.78	837.11	2/27/2017	14:15	14:22
	2/23/2017	19.28	20.22	0.94	-	836.80	837.48	2/24/2017	11:17	11:25
	2/20/2017	19.82	20.31	0.49	-	836.71	837.06	2/21/2017	14:24	14:30
	2/17/2017	19.87	20.42	0.55	-	836.60	837.00	2/17/2017	11:37	11:45
	2/9/2017	19.98	NO WATER	1.29	-	-	-	2/9/2017	12:38	12:55
	2/6/2017	18.78	NO WATER	2.49	-	-	-	2/6/2017	11:50	11:55
	2/2/2017	19.90	NO WATER	1.37	-	-	-	2/2/2017	9:22	9:33
	1/30/2017	19.88	NO WATER	1.39	-	-	-	1/30/2017	9:55	10:05
	1/26/2017	20.96	NO WATER	0.31	-	-	-	1/26/2017	12:41	12:50
	1/23/2017	20.10	NO WATER	1.17	-	-	-	1/23/2017	12:40	12:49
	1/19/2017	20.19	NO WATER	1.08	-	-	-	1/19/2017	13:02	13:15
	1/16/2017	20.09	NO WATER	1.18	-	-	-	1/16/2017	12:56	13:08
	1/12/2017	20.05	NO WATER	1.22	-	-	-			
	1/5/2017	20.35	NO WATER	0.92	-	-	-			
	12/30/2016	20.40	NO WATER	0.87	-	-	-	12/30/2016	10:26	10:36
	12/21/2016	20.26	NO WATER	1.01	-	-	-	12/22/2016	16:55	17:05
	12/14/2016	-	20.20	-	-	836.82	-	12/14/2016	10:46	11:00
	12/7/2016	19.95	20.20	0.25	-	836.82	837.00	12/9/2016	11:44	12:30
	11/10/2016	19.90	20.90	1.00	-	836.12	836.85	11/10/2016	9:50	10:05
	10/31/2016	19.40	20.95	1.55	-	836.07	837.20			
	10/24/2016	19.25	20.44	1.19	-	836.58	837.45	10/24/2016	14:00	14:11
	10/17/2016	19.05	20.00	0.95	-	837.02	837.71	10/17/2016	15:00	15:10
	10/9/2016	19.00	19.81	0.81	-	837.21	837.80			
	10/4/2016	17.55	17.83	0.28	-	839.19	839.39			
	9/27/2016	17.50	17.78	0.28	-	839.24	839.44			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-1C (cont'd)	9/19/2016	18.44	18.65	0.21		838.37	838.52			
	9/12/2016	18.20	18.39	0.19		838.63	838.77	9/12/2016	13:01	13:07
	9/9/2016	18.07	18.25	0.18		838.77	838.90			
	9/6/2016	17.87	17.95	0.08		839.07	839.12			
	9/2/2016	17.80	17.95	0.15		839.07	839.18			
RT-2A					817.48					
	3/31/2017	-	0.96	-		816.52	-	3/31/2017	10:20	10:23
	3/27/2017	-	1.48	-		816.00	-	3/27/2017	11:01	11:11
	3/24/2017	-	1.35	-		816.13	-	3/24/2017	10:39	10:48
	3/20/2017	-	1.40	-		816.08	-			
	3/16/2017	-	1.15	-		816.33	-			
	3/13/2017	2.01	2.02	0.01		816.29	816.30			
	3/6/2017	-	2.46	-		815.85	-			
	3/2/2017	-	2.37	-		815.94	-			
	2/27/2017	-	2.57	-		815.74	-			
	2/23/2017	-	2.42	-		815.89	-			
	2/20/2017	-	2.54	-		815.77	-			
	2/17/2017	-	2.34	-		815.97	-			
	2/9/2017	-	1.94	-		816.37	-			
	2/6/2017	-	2.69	-		815.62	-			
	2/2/2017	-	2.59	-		815.72	-	2/2/2017	10:15	10:20
	1/30/2017	-	2.58	-		815.73	-			
	1/26/2017	-	2.31	-		816.00	-	1/26/2017	12:51	13:01
	1/23/2017	1.75	1.76	0.01		816.55	816.56			
	1/19/2017	-	2.78	-		815.53	-	1/19/2017	13:30	13:40
	1/16/2017	-	2.71	-		815.60	-			
	1/12/2017	-	2.60	-		815.71	-			
	1/5/2017	-	2.20	-		816.11	-			
	12/30/2016	2.00	3.10	1.10		815.21	816.02			
	12/21/2016	-	2.81	-		815.50	-			
	12/14/2016	-	2.73	-		815.58	-			
	12/7/2016	-	2.11	-		816.20	-			
	11/10/2016	-	2.90	-		815.41	-			
	10/31/2016	-	2.83	-		815.48	-			
	10/24/2016	-	2.72	-		815.59	-			
	10/17/2016	-	2.49	-		815.82	-			
	10/9/2016	-	2.40	-		815.91	-			
	10/4/2016	-	2.47	-		815.84	-			
	9/27/2016	-	2.46	-		815.85	-			
	9/19/2016	-	2.50	-		815.81	-			
	9/12/2016	-	2.38	-		815.93	-			
	9/9/2016	-	2.35	-		815.96	-			
	9/6/2016	-	2.13	-		816.18	-			
	9/2/2016	-	2.18	-		816.13	-			
RT-2B					817.61					
	3/31/2017	1.07	1.09	0.02		816.52	816.53	3/31/2017	10:25	10:28
	3/27/2017	1.54	1.56	0.02		816.05	816.06	3/27/2017	11:13	11:25
	3/24/2017	1.42	1.44	0.02		816.17	816.18	3/24/2017	10:51	11:01
	3/20/2017	1.55	1.56	0.01		816.05	816.06	3/20/2017	9:15	9:20
	3/16/2017	1.30	1.32	0.02		816.29	816.30	3/17/2017	10:21	10:26
	3/13/2017	2.64	2.68	0.04		816.24	816.27	3/15/2017	12:41	12:44
	3/6/2017	3.09	3.12	0.03		815.80	815.82	3/6/2017	9:07	9:11
	3/2/2017	2.98	3.02	0.04		815.90	815.93	3/3/2017	11:11	11:16
	2/27/2017	3.12	3.14	0.02		815.78	815.79	2/27/2017	9:02	9:10
	2/23/2017	3.03	3.09	0.06		815.83	815.87			
	2/20/2017	3.15	3.20	0.05		815.72	815.75			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time	
RT-2B (cont'd)	2/17/2017	3.02	3.12	0.10		815.80	815.87	2/17/2017	10:09	10:19	
	2/9/2017	2.49	2.60	0.11		816.32	816.40	2/9/2017	9:50	10:00	
	2/6/2017	3.32	3.33	0.01		815.59	815.60	2/6/2017	12:30	12:34	
	2/2/2017	3.25	3.26	0.01		815.66	815.67	2/2/2017	10:21	10:24	
	1/30/2017	3.20	3.21	0.01		815.71	815.72	1/30/2017	13:51	13:56	
	1/26/2017	2.94	2.98	0.04		815.94	815.97	1/26/2017	13:05	13:15	
	1/23/2017	2.43	2.46	0.03		816.46	816.48				
	1/19/2017	3.40	3.42	0.02		815.50	815.51	1/19/2017	13:45	13:50	
	1/16/2017	3.34	3.36	0.02		815.56	815.57				
	1/12/2017	-	3.22	-		815.70	-				
	1/5/2017	-	2.88	-		816.04	-				
	12/30/2016	4.20	4.80	0.60		814.12	814.56				
	12/21/2016	3.37	3.38	0.01		815.54	815.55				
	12/14/2016	3.30	3.33	0.03		815.59	815.61				
	12/7/2016	2.76	2.78	0.02		816.14	816.15				
	11/10/2016	-	3.46	-		815.46	-				
	10/31/2016	-	3.41	-		815.51	-				
	10/24/2016	-	3.34	-		815.58	-				
	10/17/2016	-	3.15	-		815.77	-				
	10/9/2016	-	3.03	-		815.89	-				
	10/4/2016	-	3.10	-		815.82	-				
	9/27/2016	-	2.70	-		816.22	-				
	9/19/2016	-	3.12	-		815.80	-				
	9/12/2016	-	3.00	-		815.92	-				
	9/9/2016	-	2.97	-		815.95	-				
	9/6/2016	-	2.80	-		816.12	-				
	9/2/2016	-	2.83	-		816.09	-				
	RT-2C					818.06					
		3/31/2017	1.55	1.56	0.01		816.50	816.51	3/31/2017	10:30	10:34
		3/27/2017	2.00	2.02	0.02		816.04	816.05	3/27/2017	11:30	11:39
		3/24/2017	1.95	1.96	0.01		816.10	816.11	3/24/2017	11:04	11:13
		3/20/2017	2.95	2.96	0.01		815.10	815.11	3/20/2017	9:21	9:26
3/16/2017		2.70	2.71	0.01		815.35	815.36	3/17/2017	10:28	10:32	
3/13/2017		2.40	2.41	0.01		816.61	816.61	3/15/2017	12:45	12:49	
3/6/2017		-	2.85	-		816.17	-	3/6/2017	9:12	9:18	
3/2/2017		-	2.75	-		816.27	-	3/3/2017	11:18	11:23	
2/27/2017		2.88	2.90	0.02		816.12	816.13	2/27/2017	9:11	9:18	
2/23/2017		2.81	2.82	0.01		816.20	816.20				
2/20/2017		2.91	2.92	0.01		816.10	816.10				
2/17/2017		2.82	2.83	0.01		816.19	816.19	2/17/2017	10:02	10:08	
2/9/2017		2.26	2.28	0.02		816.74	816.75	2/9/2017	10:01	10:09	
2/6/2017		3.05	3.06	0.01		815.96	815.96	2/6/2017	12:35	12:39	
2/2/2017		2.99	3.00	0.01		816.02	816.02	2/2/2017	10:26	10:30	
1/30/2017		2.94	2.95	0.01		816.07	816.07	1/30/2017	14:15	14:20	
1/26/2017		2.70	2.71	0.01		816.31	816.31	1/26/2017	13:16	13:30	
1/23/2017		2.19	2.20	0.01		816.82	816.82				
1/19/2017		3.13	3.16	0.03		815.86	815.88	1/19/2017	14:01	14:11	
1/16/2017		3.08	3.10	0.02		815.92	815.93				
1/12/2017		-	2.94	-		816.08	-				
1/5/2017		-	2.60	-		816.42	-				
12/30/2016		4.10	4.30	0.20		814.72	814.86				
12/21/2016		3.15	3.17	0.02		815.85	815.86				
12/14/2016		3.03	3.05	0.02		815.97	815.98				
12/7/2016		-	2.50	-		816.52	-				
11/10/2016		-	3.24	-		815.78	-	11/10/2016	12:30	12:37	
10/31/2016		-	3.18	-		815.84	-				

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-2C (cont'd)	10/24/2016	3.05	3.10	0.05		815.92	815.95			
	10/17/2016	-	2.88	-		816.14	-			
	10/9/2016	-	2.90	-		816.12	-			
	10/4/2016	-	2.83	-		816.19	-			
	9/27/2016	-	2.45	-		816.57	-			
	9/19/2016	2.80	2.92	0.12		816.10	816.18			
	9/12/2016	-	2.72	-		816.30	-			
	9/9/2016	-	2.67	-		816.35	-			
	9/6/2016	-	2.53	-		816.49	-			
9/2/2016	-	2.56	-		816.46	-				
RT-2D					818.12					
	3/31/2017	-	1.65	-		816.47	-	3/31/2017	10:40	10:44
	3/27/2017	2.15	2.16	0.01		815.96	815.97	3/27/2017	11:44	11:55
	3/24/2017	2.05	2.06	0.01		816.06	816.07	3/24/2017	11:15	11:26
	3/20/2017	2.06	2.07	0.01		816.05	816.06	3/20/2017	9:28	9:34
	3/16/2017	1.80	1.83	0.03		816.29	816.31	3/17/2017	10:36	10:40
	3/13/2017	3.24	3.26	0.02		816.31	816.32	3/15/2017	12:51	12:55
	3/6/2017	-	3.68	-		815.89	-	3/6/2017	9:22	9:30
	3/2/2017	-	3.58	-		815.99	-	3/3/2017	11:25	11:30
	2/27/2017	3.71	3.72	0.01		815.85	815.85	2/27/2017	9:20	9:29
	2/23/2017	3.61	3.62	0.01		815.95	815.95			
	2/20/2017	3.72	3.73	0.01		815.84	815.84			
	2/17/2017	3.62	3.63	0.01		815.94	815.94	2/17/2017	9:54	10:01
	2/9/2017	3.08	3.09	0.01		816.48	816.48	2/9/2017	10:10	10:19
	2/6/2017	3.90	3.91	0.01		815.66	815.66	2/6/2017	12:41	12:44
	2/2/2017	3.80	3.81	0.01		815.76	815.76	2/2/2017	10:32	10:36
	1/30/2017	3.78	3.79	0.01		815.78	815.78	1/30/2017	13:35	13:40
	1/26/2017	3.51	3.52	0.01		816.05	816.05			
	1/23/2017	3.00	3.01	0.01		816.56	816.56			
	1/19/2017	3.95	4.00	0.05		815.57	815.60			
	1/16/2017	3.81	3.92	0.11		815.65	815.73			
	1/12/2017	2.76	2.78	0.02		816.79	816.80			
	1/5/2017	3.43	3.45	0.02		816.12	816.13			
	12/30/2016	4.30	4.50	0.20		815.07	815.21			
	12/21/2016	3.96	3.99	0.03		815.58	815.60			
	12/14/2016	3.89	3.93	0.04		815.64	815.67			
	12/7/2016	3.31	3.34	0.03		816.23	816.25			
	11/10/2016	-	4.18	-		815.39	-			
	10/31/2016	-	4.10	-		815.47	-			
	10/24/2016	-	3.91	-		815.66	-			
	10/17/2016	-	3.67	-		815.90	-			
	10/9/2016	-	3.84	-		815.73	-			
	10/4/2016	-	3.65	-		815.92	-			
	9/27/2016	-	3.25	-		816.32	-			
	9/19/2016	-	3.66	-		815.91	-			
	9/12/2016	-	3.63	-		815.94	-			
	9/9/2016	-	3.55	-		816.02	-			
	9/6/2016	-	3.26	-		816.31	-			
	9/2/2016	-	3.23	-		816.34	-			
RT-2E					818.25					
	3/31/2017	-	1.78	-		816.47	-	3/31/2017	10:46	10:50
	3/27/2017	2.20	2.21	0.01		816.04	816.05	3/27/2017	11:59	12:10
	3/24/2017	2.10	2.11	0.01		816.14	816.15	3/24/2017	11:30	11:41
	3/20/2017	2.17	2.18	0.01		816.07	816.08	3/20/2017	9:35	9:40
	3/16/2017	1.98	1.99	0.01		816.26	816.27	3/17/2017	10:42	10:46
	3/13/2017	3.04	3.05	0.01		816.35	816.36	3/15/2017	13:01	13:07

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of	Groundwater Elevation (ft amsl)	Corrected ³	Date of Product Evacuation	Start Time	Finish Time
					Casing Elevation ^{1,2} (ft amsl)		Groundwater Elevation (ft amsl)			
RT-2E (cont'd)	3/6/2017	-	3.50	-		815.90	-	3/6/2017	9:32	9:36
	3/2/2017	-	3.40	-		816.00	-	3/3/2017	11:31	11:36
	2/27/2017	3.47	3.48	0.01		815.92	815.93	2/27/2017	9:30	9:38
	2/23/2017	3.40	3.41	0.01		815.99	816.00			
	2/20/2017	3.50	3.51	0.01		815.89	815.90			
	2/17/2017	3.40	3.41	0.01		815.99	816.00	2/17/2017	9:47	9:53
	2/9/2017	2.89	2.90	0.01		816.50	816.51	2/9/2017	10:20	10:27
	2/6/2017	3.64	3.65	0.01		815.75	815.76	2/6/2017	12:20	12:25
	2/2/2017	3.60	3.61	0.01		815.79	815.80	2/2/2017	10:39	10:44
	1/30/2017	3.58	3.59	0.01		815.81	815.82	1/30/2017	13:26	13:32
	1/26/2017	3.03	3.04	0.01		816.36	816.37	1/26/2017	11:30	11:36
	1/23/2017	2.85	2.86	0.01		816.54	816.55	1/23/2017	9:00	9:05
	1/19/2017	3.78	3.79	0.01		815.61	815.62	1/19/2017	8:40	8:45
	1/16/2017	-	3.71	-		815.69	-	1/16/2017	9:10	9:15
	1/12/2017	-	3.57	-		815.83	-			
	1/5/2017	3.19	3.20	0.01		816.20	816.21			
	12/30/2016	4.20	4.40	0.20		815.00	815.15			
	12/21/2016	3.72	3.73	0.01		815.67	815.68			
	12/14/2016	3.65	3.66	0.01		815.74	815.75			
	12/7/2016	-	3.16	-		816.24	-			
	11/10/2016	-	3.67	-		815.73	-			
	10/31/2016	-	3.80	-		815.60	-			
	10/24/2016	-	3.74	-		815.66	-			
	10/17/2016	-	3.40	-		816.00	-			
	10/9/2016	-	3.31	-		816.09	-			
	10/4/2016	-	3.32	-		816.08	-			
	9/27/2016	-	3.18	-		816.22	-			
	9/19/2016	-	3.30	-		816.10	-			
	9/12/2016	-	3.30	-		816.10	-			
	9/9/2016	-	3.34	-		816.06	-			
9/6/2016	-	3.37	-		816.03	-				
9/2/2016	-	3.33	-		816.07	-				
RT-2F					818.57					
	3/31/2017	-	2.09	-		816.48	-	3/31/2017	10:53	10:57
	3/27/2017	2.55	2.56	0.01		816.01	816.02	3/27/2017	12:11	12:21
	3/24/2017	2.45	2.46	0.01		816.11	816.12	3/24/2017	12:13	12:21
	3/20/2017	2.50	2.51	0.01		816.06	816.07	3/20/2017	9:45	9:50
	3/16/2017	2.28	2.29	0.01		816.28	816.29	3/17/2017	10:47	10:51
	3/13/2017	2.87	2.88	0.01		816.64	816.64	3/15/2017	13:09	13:19
	3/6/2017	-	3.34	-		816.18	-	3/6/2017	9:38	9:43
	3/2/2017	3.21	3.22	0.01		816.30	816.30	3/3/2017	11:38	11:41
	2/27/2017	3.23	3.24	0.01		816.28	816.28	2/27/2017	9:40	9:47
	2/23/2017	3.28	3.29	0.01		816.23	816.23			
	2/20/2017	3.35	3.36	0.01		816.16	816.16			
	2/17/2017	3.28	3.29	0.01		816.23	816.23	2/17/2017	9:41	9:46
	2/9/2017	2.69	2.70	0.01		816.82	816.82	2/9/2017	10:30	10:36
	2/6/2017	3.51	3.52	0.01		816.00	816.00	2/6/2017	12:26	12:30
	2/2/2017	3.45	3.46	0.01		816.06	816.06	2/2/2017	10:47	10:52
	1/30/2017	3.40	3.41	0.01		816.11	816.11	1/30/2017	13:16	13:25
	1/26/2017	3.15	3.16	0.01		816.36	816.36	1/26/2017	11:18	11:27
	1/23/2017	2.65	2.66	0.01		816.86	816.86	1/23/2017	9:07	9:14
	1/19/2017	3.59	3.60	0.01		815.92	815.92	1/19/2017	8:47	8:52
	1/16/2017	3.52	3.53	0.01		815.99	815.99	1/16/2017	9:17	9:21
	1/12/2017	-	3.41	-		816.11	-			
	1/5/2017	3.07	3.09	0.02		816.43	816.44			
	12/30/2016	4.10	4.30	0.20		815.22	815.36			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-2F (cont'd)	12/21/2016	3.59	3.60	0.01		815.92	815.92			
	12/14/2016	3.52	3.53	0.01		815.99	815.99			
	12/7/2016	-	2.98	-		816.54	-			
	11/10/2016	-	3.56	-		815.96	-			
	10/31/2016	-	3.64	-		815.88	-			
	10/24/2016	-	3.52	-		816.00	-			
	10/17/2016	-	3.13	-		816.39	-			
	10/9/2016	-	2.95	-		816.57	-			
	10/4/2016	-	3.10	-		816.42	-			
	9/27/2016	-	2.92	-		816.60	-			
	9/19/2016	-	3.10	-		816.42	-			
	9/12/2016	-	3.28	-		816.24	-			
	9/9/2016	-	3.20	-		816.32	-			
	9/6/2016	-	3.10	-		816.42	-			
	9/2/2016	-	3.12	-		816.40	-			
	RT-2G					820.07				
	3/31/2017	-	1.95	-		818.12	-			
	3/27/2017	3.58	3.59	0.01		816.48	816.49	3/27/2017	12:23	12:30
	3/24/2017	2.05	2.06	0.01		818.01	818.02	3/24/2017	12:32	12:41
	3/20/2017	3.30	3.31	0.01		816.76	816.77	3/20/2017	9:53	9:58
	3/16/2017	3.27	3.28	0.01		816.79	816.80	3/17/2017	10:53	10:57
	3/13/2017	3.52	3.53	0.01		816.78	816.79	3/15/2017	13:20	13:25
	3/6/2017	-	3.30	-		817.01	-	3/6/2017	9:45	9:50
	3/2/2017	-	3.24	-		817.07	-	3/3/2017	11:42	11:47
	2/27/2017	3.32	3.33	0.01		816.98	816.99	2/27/2017	9:50	9:56
	2/23/2017	3.30	3.31	0.01		817.00	817.01			
	2/20/2017	3.32	3.33	0.01		816.98	816.99			
	2/17/2017	3.30	3.32	0.02		816.99	817.00	2/17/2017	9:34	9:40
	2/9/2017	3.22	3.23	0.01		817.08	817.09	2/9/2017	10:37	10:42
	2/6/2017	3.50	3.51	0.01		816.80	816.81	2/6/2017	12:46	12:50
	2/2/2017	3.49	3.50	0.01		816.81	816.82	2/2/2017	10:55	11:00
	1/30/2017	3.43	3.45	0.02		816.86	816.87	1/30/2017	13:10	13:15
	1/26/2017	3.31	3.32	0.01		816.99	817.00	1/26/2017	11:08	11:16
	1/23/2017	3.13	3.14	0.01		817.17	817.18	1/23/2017	9:17	9:23
	1/19/2017	3.66	3.67	0.01		816.64	816.65	1/19/2017	8:55	9:00
	1/16/2017	3.61	3.62	0.01		816.69	816.70	1/16/2017	9:22	9:27
	1/12/2017	-	3.51	-		816.80	-			
	1/5/2017	3.42	3.44	0.02		816.87	816.88			
	12/30/2016	3.20	3.70	0.50		816.61	816.97			
	12/21/2016	3.74	3.75	0.01		816.56	816.57			
	12/14/2016	3.63	3.64	0.01		816.67	816.68			
	12/7/2016	-	3.45	-		816.86	-			
	11/10/2016	-	3.67	-		816.64	-			
	10/31/2016	-	3.61	-		816.70	-			
	10/24/2016	-	3.50	-		816.81	-			
	10/17/2016	-	4.68	-		815.63	-			
	10/9/2016	-	4.55	-		815.76	-			
	10/4/2016	-	4.70	-		815.61	-			
	9/27/2016	-	4.60	-		815.71	-			
	9/19/2016	-	3.00	-		817.31	-			
	9/12/2016	-	2.88	-		817.43	-			
	9/9/2016	-	2.90	-		817.41	-			
	9/6/2016	-	2.74	-		817.57	-			
	9/2/2016	-	2.71	-		817.60	-			
RT-2H					822.17					
	3/31/2017	-	NM	-		-	-	3/31/2017	11:01	11:05

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-2H (cont'd)	3/27/2017	-	NM	-	-	-	-			
	3/24/2017	-	NM	-	-	-	-			
	3/20/2017	-	NM	-	-	-	-			
	3/16/2017	-	NM	-	-	-	-			
	3/13/2017	-	NM	-	-	-	-			
	3/6/2017	-	NM	-	-	-	-			
	3/2/2017	-	NM	-	-	-	-			
	2/27/2017	-	NM	-	-	-	-			
	2/23/2017	-	NM	-	-	-	-			
	2/20/2017	-	NM	-	-	-	-			
	2/17/2017	-	NM	-	-	-	-			
	2/9/2017	-	NM	-	-	-	-			
	2/6/2017	-	NM	-	-	-	-			
	2/2/2017	-	NM	-	-	-	-			
	1/30/2017	-	NM	-	-	-	-			
	1/26/2017	-	NM	-	-	-	-			
	1/23/2017	-	NM	-	-	-	-			
	1/19/2017	-	NM	-	-	-	-			
	1/16/2017	5.33	5.34	0.01	-	816.83	816.83			
	1/12/2017	-	5.15	-	-	817.02	-			
	1/5/2017	4.63	4.65	0.02	-	817.52	817.53			
	12/30/2016	5.60	5.80	0.20	-	816.37	816.51			
	12/21/2016	5.54	5.55	0.01	-	816.62	816.62			
	12/14/2016	5.44	5.45	0.01	-	816.72	816.72			
	12/7/2016	-	4.47	-	-	817.70	-			
	11/10/2016	-	5.55	-	-	816.62	-			
	10/31/2016	-	5.44	-	-	816.73	-			
	10/24/2016	-	3.40	-	-	818.77	-			
	10/17/2016	-	3.30	-	-	818.87	-			
	10/9/2016	-	3.15	-	-	819.02	-			
	10/4/2016	-	3.33	-	-	818.84	-			
	9/27/2016	-	3.20	-	-	818.97	-			
9/19/2016	-	3.03	-	-	819.14	-				
9/12/2016	-	4.79	-	-	817.38	-				
9/9/2016	-	4.76	-	-	817.41	-				
9/6/2016	-	4.50	-	-	817.67	-				
9/2/2016	-	4.45	-	-	817.72	-				
RT-2I					819.51					
	3/31/2017	-	3.25	-	-	816.26	-	3/31/2017	11:07	11:10
	3/27/2017	-	3.35	-	-	816.16	-	3/27/2017	12:33	12:40
	3/24/2017	3.19	3.21	0.02	-	816.30	816.31	3/24/2017	12:44	12:55
	3/20/2017	3.15	3.16	0.01	-	816.35	816.36	3/20/2017	10:01	10:06
	3/16/2017	3.15	3.16	0.01	-	816.35	816.36			
	3/13/2017	3.29	3.30	0.01	-	816.21	816.22			
	3/6/2017	-	3.09	-	-	816.42	-			
	3/2/2017	2.96	2.97	0.01	-	816.54	816.55			
	2/27/2017	3.11	3.12	0.01	-	816.39	816.40			
	2/23/2017	3.09	3.10	0.01	-	816.41	816.42			
	2/20/2017	3.11	3.12	0.01	-	816.39	816.40			
	2/17/2017	3.07	3.08	0.01	-	816.43	816.44			
	2/9/2017	2.89	2.90	0.01	-	816.61	816.62			
	2/6/2017	3.30	3.31	0.01	-	816.20	816.21			
	2/2/2017	3.27	3.29	0.02	-	816.22	816.24			
	1/30/2017	3.24	3.25	0.01	-	816.26	816.27			
	1/26/2017	3.12	3.13	0.01	-	816.38	816.39			
	1/23/2017	2.82	2.83	0.01	-	816.68	816.69			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
MW-31 (cont'd)	1/19/2017	3.45	3.46	0.01		816.05	816.06			
	1/16/2017	3.41	3.42	0.01		816.09	816.10			
	1/12/2017	-	3.57	-		815.94	-			
	1/5/2017	3.18	3.20	0.02		816.31	816.33			
	12/30/2016	4.20	4.60	0.40		814.91	815.20			
	12/21/2016	3.53	3.54	0.01		815.97	815.98			
	12/14/2016	3.46	3.47	0.01		816.04	816.05			
	12/7/2016	-	NM	-		-	-			
	11/10/2016	-	3.51	-		816.00	-			
	10/31/2016	-	3.48	-		816.03	-			
	10/24/2016	-	2.41	-		817.10	-			
	10/17/2016	-	2.26	-		817.25	-			
	10/9/2016	-	2.08	-		817.43	-			
	10/4/2016	-	2.26	-		817.25	-			
	9/27/2016	-	2.10	-		817.41	-			
	9/19/2016	-	2.05	-		817.46	-			
	9/12/2016	-	2.74	-		816.77	-			
	9/9/2016	-	2.69	-		816.82	-			
	9/6/2016	-	2.62	-		816.89	-			
	9/2/2016	-	2.59	-		816.92	-			
RT-2J					817.63					
	3/31/2017	1.14	1.15	0.01		816.48	816.49	3/31/2017	11:12	11:16
	3/27/2017	2.08	2.09	0.01		815.54	815.55	3/27/2017	12:43	12:50
	3/24/2017	0.90	0.91	0.01		816.72	816.73	3/24/2017	12:57	13:08
	3/20/2017	1.80	1.81	0.01		815.82	815.83	3/20/2017	10:10	10:15
	3/16/2017	1.76	1.77	0.01		815.86	815.87	3/17/2017	11:10	11:14
	3/13/2017	1.99	2.00	0.01		816.38	816.39	3/15/2017	13:37	13:39
	3/6/2017	2.47	2.48	0.01		815.90	815.91	3/6/2017	10:00	10:04
	3/2/2017	2.02	2.05	0.03		816.33	816.36	3/3/2017	11:57	12:01
	2/27/2017	1.12	1.15	0.03		817.23	817.26	2/27/2017	10:08	10:15
	2/23/2017	2.09	2.10	0.01		816.28	816.29			
	2/20/2017	2.15	2.16	0.01		816.22	816.23			
	2/17/2017	2.12	2.13	0.01		816.25	816.26	2/17/2017	9:18	9:25
	2/9/2017	2.00	2.01	0.01		816.37	816.38	2/9/2017	10:49	10:52
	2/6/2017	2.30	2.31	0.01		816.07	816.08	2/6/2017	13:05	13:09
	2/2/2017	2.30	2.31	0.01		816.07	816.08	2/2/2017	11:09	11:13
	1/30/2017	2.25	2.26	0.01		816.12	816.13	1/30/2017	14:00	14:04
	1/26/2017	2.06	2.08	0.02		816.30	816.32	1/26/2017	10:49	10:51
	1/23/2017	1.92	1.95	0.03		816.43	816.46	1/23/2017	9:38	9:50
	1/19/2017	2.40	2.50	0.10		815.88	815.96	1/19/2017	9:17	9:21
	1/16/2017	2.38	2.49	0.11		815.89	815.97	1/16/2017	9:38	9:41
	1/12/2017	2.24	2.31	0.07		816.07	816.12			
	1/5/2017	2.19	2.28	0.09		816.10	816.17			
	12/30/2016	3.10	3.60	0.50		814.78	815.15			
	12/21/2016	2.49	2.60	0.11		815.78	815.86			
	12/14/2016	2.35	2.49	0.14		815.89	816.00			
	12/7/2016	-	2.17	-		816.21	-			
	11/10/2016	2.44	2.57	0.13		815.81	815.91			
	10/31/2016	2.35	2.53	0.18		815.85	815.98			
	10/24/2016	2.30	2.53	0.23		815.85	816.02			
	10/17/2016	-	1.35	-		817.03	-			
	10/9/2016	-	2.20	-		816.18	-			
	10/4/2016	1.95	2.05	0.10		816.33	816.41			
	9/27/2016	1.90	2.00	0.10		816.38	816.46			
	9/19/2016	-	1.25	-		817.13	-			
	9/12/2016	-	2.02	-		816.36	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-2J (cont'd)	9/9/2016	-	1.88	-		816.50	-			
	9/6/2016	-	1.73	-		816.65	-			
	9/2/2016	-	1.70	-		816.68	-			
RT-2K				817.40						
	3/31/2017	-	2.80	-		814.60	-	3/31/2017	11:18	11:22
	3/27/2017	2.83	2.84	0.01		814.56	814.57	3/27/2017	12:51	12:59
	3/24/2017	1.28	1.30	0.02		816.10	816.11	3/24/2017	13:10	13:21
	3/20/2017	1.34	1.36	0.02		816.04	816.05	3/20/2017	10:17	10:22
	3/16/2017	1.36	1.39	0.03		816.01	816.03	3/17/2017	11:16	11:20
	3/13/2017	1.30	1.34	0.04		816.12	816.15	3/15/2017	13:42	13:50
	3/6/2017	2.86	2.87	0.01		814.59	814.60	3/6/2017	10:06	10:21
	3/2/2017	1.08	1.10	0.02		816.36	816.37	3/3/2017	12:02	12:06
	2/27/2017	1.30	1.31	0.01		816.15	816.16	2/27/2017	10:17	10:26
	2/23/2017	2.03	2.04	0.01		815.42	815.43			
	2/20/2017	2.34	2.35	0.01		815.11	815.12			
	2/17/2017	1.39	1.40	0.01		816.06	816.07	2/17/2017	9:10	9:17
	2/9/2017	1.13	1.14	0.01		816.32	816.33	2/9/2017	10:53	10:58
	2/6/2017	2.57	2.58	0.01		814.88	814.89	2/6/2017	12:58	13:03
	2/2/2017	2.01	2.02	0.01		815.44	815.45	2/2/2017	11:15	11:19
	1/30/2017	1.81	1.82	0.01		815.64	815.65	1/30/2017	14:06	14:11
	1/26/2017	1.05	1.06	0.01		816.40	816.41	1/26/2017	10:36	10:47
	1/23/2017	1.10	1.11	0.01		816.35	816.36	1/23/2017	9:55	10:10
	1/19/2017	1.70	1.72	0.02		815.74	815.75	1/19/2017	9:23	9:28
	1/16/2017	1.72	1.73	0.01		815.73	815.74	1/16/2017	9:43	9:48
	1/12/2017	-	1.70	-		815.76	-			
	1/5/2017	-	1.06	-		816.40	-			
	12/30/2016	3.60	3.80	0.20		813.66	813.80			
	12/21/2016	1.19	1.20	0.01		816.26	816.27			
	12/14/2016	1.11	1.12	0.01		816.34	816.35			
	12/7/2016	-	1.01	-		816.45	-			
	11/10/2016	-	1.42	-		816.04	-			
	10/31/2016	-	1.36	-		816.10	-			
	10/24/2016	-	1.32	-		816.14	-			
	10/17/2016	-	2.07	-		815.39	-			
	10/9/2016	-	1.10	-		816.36	-			
	10/4/2016	-	1.32	-		816.14	-			
	9/27/2016	-	1.19	-		816.27	-			
	9/19/2016	-	NM	-		-	-			
	9/12/2016	-	NM	-		-	-			
	9/9/2016	-	1.04	-		816.42	-			
	9/6/2016	-	1.10	-		816.36	-			
	9/2/2016	-	1.05	-		816.41	-			
RT-2L					819.54					
	3/31/2017	2.85	2.92	0.07		816.62	816.67			
	3/27/2017	3.08	3.12	0.04		816.42	816.45	3/27/2017	13:07	13:17
	3/24/2017	2.60	2.70	0.10		816.84	816.91	3/24/2017	13:23	13:30
	3/20/2017	2.78	2.87	0.09		816.67	816.74	3/20/2017	10:24	10:30
	3/16/2017	2.60	2.70	0.10		816.84	816.91	3/17/2017	11:22	11:30
	3/13/2017	3.47	3.60	0.13		816.78	816.87	3/15/2017	14:00	14:07
	3/6/2017	4.14	4.20	0.06		816.18	816.22	3/6/2017	10:23	10:27
	3/2/2017	4.24	4.36	0.12		816.02	816.10	3/3/2017	12:08	12:12
	2/27/2017	3.95	4.06	0.11		816.32	816.40	2/27/2017	10:27	10:34
	2/23/2017	4.01	4.15	0.14		816.23	816.33			
	2/20/2017	4.22	4.33	0.11		816.05	816.13			
	2/17/2017	3.91	4.06	0.15		816.32	816.43	2/17/2017	9:02	9:08
	2/9/2017	3.95	4.05	0.10		816.33	816.40			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RT-2L (cont'd)	2/6/2017	4.25	4.40	0.15		815.98	816.09	2/6/2017	12:52	12:56
	2/2/2017	4.15	4.35	0.20		816.03	816.17	2/2/2017	11:23	11:27
	1/30/2017	4.27	4.39	0.12		815.99	816.07	1/30/2017	13:45	13:50
	1/26/2017	3.82	3.98	0.16		816.40	816.51	1/26/2017	10:30	10:35
	1/23/2017	3.69	3.82	0.13		816.56	816.65	1/23/2017	10:15	10:21
	1/19/2017	4.22	4.42	0.20		815.96	816.10	1/19/2017	9:30	9:35
	1/16/2017	4.12	4.33	0.21		816.05	816.20	1/16/2017	9:51	9:55
	1/12/2017	4.00	4.80	0.80		815.58	816.16			
	1/5/2017	3.77	3.95	0.18		816.43	816.56			
	12/30/2016	4.00	4.20	0.20		816.18	816.32			
	12/21/2016	4.35	4.59	0.24		815.79	815.96			
	12/14/2016	4.30	4.50	0.20		815.88	816.02			
	12/7/2016	3.95	4.11	0.16		816.27	816.38			
	11/10/2016	4.42	4.62	0.20		815.76	815.90			
	10/31/2016	4.35	4.50	0.15		815.88	815.99			
	10/24/2016	4.23	4.45	0.22		815.93	816.09			
	10/17/2016	4.14	4.35	0.21		816.03	816.18	10/17/2016	16:55	17:06
	10/9/2016	-	NM	-		-	-			
	10/4/2016	3.95	4.15	0.20		816.23	816.37			
	9/27/2016	3.82	4.07	0.25		816.31	816.49			
	9/19/2016	3.80	4.10	0.30		816.28	816.50			
	9/12/2016	3.69	3.94	0.25		816.44	816.62	9/12/2016	12:25	12:29
	9/9/2016	3.70	3.95	0.25		816.43	816.61	9/9/2016	11:00	11:15
9/6/2016	3.50	3.84	0.34		816.54	816.79	9/6/2016	14:21	14:24	
9/2/2016	3.40	3.78	0.38		816.60	816.87	9/2/2016	14:03	14:06	
RW-01					851.92					
	3/31/2017	-	14.37	-		837.55	-			
	3/27/2017	15.79	15.80	0.01		836.12	836.13			
	3/24/2017	15.73	15.74	0.01		836.18	836.19			
	3/20/2017	15.22	15.24	0.02		836.68	836.70			
	3/16/2017	14.31	14.32	0.01		837.60	837.61			
	3/13/2017	15.51	15.52	0.01		836.40	836.41			
	3/6/2017	-	15.36	-		836.56	-			
	3/2/2017	14.95	14.96	0.01		836.96	836.97			
	2/27/2017	15.08	15.09	0.01		836.83	836.84			
	2/23/2017	14.50	14.51	0.01		837.41	837.42			
	2/20/2017	14.30	14.31	0.01		837.61	837.62			
	2/17/2017	13.75	13.76	0.01		838.16	838.17			
	2/9/2017	12.70	12.71	0.01		839.21	839.22			
	2/6/2017	15.40	15.41	0.01		836.51	836.52			
	2/2/2017	15.21	15.22	0.01		836.70	836.71			
	1/30/2017	14.66	14.67	0.01		837.25	837.26			
	1/26/2017	12.94	12.95	0.01		838.97	838.98			
	1/23/2017	12.39	12.40	0.01		839.52	839.53			
	1/19/2017	18.17	18.18	0.01		833.74	833.75			
	1/16/2017	17.85	17.86	0.01		834.06	834.07			
	1/12/2017	-	17.25	-		834.67	-			
	1/5/2017	17.37	17.38	0.01		834.54	834.55			
	12/30/2016	19.10	19.80	0.70		832.12	832.64			
	12/21/2016	-	20.43	-		831.49	-			
	12/14/2016	19.41	19.42	0.01		832.50	832.51			
	12/7/2016	-	19.75	-		832.17	-			
	11/10/2016	-	20.15	-		831.77	-			
	10/31/2016	-	20.03	-		831.89	-			
	10/24/2016	-	19.85	-		832.07	-			
	10/17/2016	-	19.10	-		832.82	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-01 (cont'd)	10/9/2016	-	19.13	-		832.79	-			
	10/4/2016	-	19.08	-		832.84	-			
	9/27/2016	-	18.88	-		833.04	-			
	9/19/2016	-	18.03	-		833.89	-			
	9/12/2016	-	17.96	-		833.96	-			
	9/9/2016	-	12.18	-		839.74	-			
	9/6/2016	-	16.90	-		835.02	-			
	9/2/2016	-	16.86	-		835.06	-			
RW-02					852.69					
	3/31/2017	25.65	NO WATER	0.07		-	-			
	3/27/2017	25.56	25.64	0.08		827.05	827.11			
	3/24/2017	25.61	25.62	0.01		827.07	827.08			
	3/20/2017	25.61	NO WATER	0.11		-	-			
	3/16/2017	25.64	25.65	0.01		827.04	827.05			
	3/13/2017	-	25.25	-		827.44	-			
	3/6/2017	-	25.25	-		827.44	-			
	3/2/2017	-	25.25	-		827.44	-			
	2/27/2017	-	25.25	-		827.44	-			
	2/23/2017	-	25.25	-		827.44	-			
	2/20/2017	-	25.25	-		827.44	-			
	2/17/2017	-	25.25	-		827.44	-			
	2/9/2017	-	25.25	-		827.44	-			
	2/6/2017	-	25.25	-		827.44	-			
	2/2/2017	-	25.25	-		827.44	-			
	1/30/2017	-	25.25	-		827.44	-			
	1/26/2017	-	25.25	-		827.44	-			
	1/23/2017	-	25.25	-		827.44	-			
	1/19/2017	-	25.25	-		827.44	-			
	1/16/2017	-	25.25	-		827.44	-			
	1/12/2017	-	25.25	-		827.44	-			
	1/5/2017	-	25.25	-		827.44	-			
	12/30/2016	25.00	25.70	0.70		826.99	827.50			
	12/21/2016	25.10	25.11	0.01		827.58	827.59			
	12/14/2016	25.09	25.10	0.01		827.59	827.60			
	12/7/2016	-	25.06	-		827.63	-			
	11/10/2016	24.69	25.26	0.57		827.43	827.85			
	10/31/2016	24.88	25.44	0.56		827.25	827.66			
	10/24/2016	24.72	25.36	0.64		827.33	827.80			
	10/17/2016	24.12	24.46	0.34		828.23	828.48			
	10/9/2016	24.03	24.20	0.17		828.49	828.61			
	10/4/2016	24.10	24.40	0.30		828.29	828.51			
	9/27/2016	24.02	24.36	0.34		828.33	828.58			
	9/19/2016	23.90	24.30	0.40		828.39	828.68			
	9/12/2016	23.60	23.96	0.36		828.73	828.99			
	9/9/2016	23.46	23.78	0.32		828.91	829.14			
	9/6/2016	23.56	23.73	0.17		828.96	829.08			
	9/2/2016	23.51	23.68	0.17		829.01	829.13			
RW-03					852.34					
	3/31/2017	25.64	25.65	0.01		826.69	826.70			
	3/27/2017	25.62	25.63	0.01		826.71	826.72			
	3/24/2017	25.56	25.65	0.09		826.69	826.75			
	3/20/2017	-	25.65	-		826.69	-			
	3/16/2017	25.71	25.73	0.02		826.61	826.62			
	3/13/2017	25.65	25.66	0.01		826.68	826.69			
	3/6/2017	25.79	25.80	0.01		826.54	826.55			
	3/2/2017	25.75	25.76	0.01		826.58	826.59			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-03 (cont'd)	2/27/2017	25.81	25.82	0.01		826.52	826.53			
	2/23/2017	25.75	25.76	0.01		826.58	826.59			
	2/20/2017	25.78	25.79	0.01		826.55	826.56			
	2/17/2017	25.81	25.82	0.01		826.52	826.53			
	2/9/2017	26.03	26.04	0.01		826.30	826.31			
	2/6/2017	26.05	26.06	0.01		826.28	826.29			
	2/2/2017	26.31	26.32	0.01		826.02	826.03			
	1/30/2017	26.40	26.41	0.01		825.93	825.94			
	1/26/2017	26.58	26.60	0.02		825.74	825.75			
	1/23/2017	26.71	26.72	0.01		825.62	825.63			
	1/19/2017	26.82	26.84	0.02		825.50	825.51			
	1/16/2017	26.80	26.81	0.01		825.53	825.54			
	1/12/2017	32.67	NO WATER	0.72		-	-			
	1/5/2017	26.89	26.91	0.02		825.43	825.44			
	12/30/2016	26.00	26.30	0.30		826.04	826.26	12/30/2016	8:50	8:59
	12/21/2016	26.68	27.05	0.37		825.29	825.56			
	12/14/2016	26.53	26.90	0.37		825.44	825.71			
	12/7/2016	26.32	26.68	0.36		825.66	825.92			
	11/10/2016	30.88	32.84	1.96		819.50	820.93			
	10/31/2016	25.32	25.70	0.38		826.64	826.92			
	10/24/2016	25.15	25.50	0.35		826.84	827.09			
	10/17/2016	24.30	24.70	0.40		827.64	827.93			
	10/9/2016	24.18	24.50	0.32		827.84	828.07			
	10/4/2016	24.38	24.66	0.28		827.68	827.88			
	9/27/2016	24.30	24.52	0.22		827.82	827.98			
	9/19/2016	23.84	24.26	0.42		828.08	828.39			
	9/12/2016	23.69	23.93	0.24		828.41	828.58			
9/9/2016	23.58	23.79	0.21		828.55	828.70				
9/6/2016	23.21	23.46	0.25		828.88	829.06				
9/2/2016	23.16	23.38	0.22		828.96	829.12				
RW-04					853.93					
	3/31/2017	31.39	32.25	0.86		821.68	822.31			
	3/27/2017	31.39	32.27	0.88		821.66	822.30			
	3/24/2017	31.43	32.34	0.91		821.59	822.26			
	3/20/2017	31.55	32.40	0.85		821.53	822.15	3/20/2017	11:20	11:24
	3/16/2017	31.63	32.49	0.86		821.44	822.07	3/17/2017	9:25	9:32
	3/13/2017	31.68	32.60	0.92		821.33	822.00	3/15/2017	15:07	15:16
	3/6/2017	31.84	32.90	1.06		821.03	821.81	3/6/2017	10:31	10:34
	3/2/2017	31.80	32.90	1.10		821.03	821.84	3/3/2017	13:01	13:10
	2/27/2017	31.88	32.96	1.08		820.97	821.76	2/27/2017	11:26	11:32
	2/23/2017	31.90	33.02	1.12		820.91	821.73	2/24/2017	13:21	13:34
	2/20/2017	31.95	33.07	1.12		820.86	821.68	2/21/2017	13:32	13:39
	2/17/2017	32.02	33.14	1.12		820.79	821.61	2/17/2017	10:49	10:54
	2/9/2017	32.25	33.30	1.05		820.63	821.40	2/9/2017	11:12	11:20
	2/6/2017	32.32	33.28	0.96		820.65	821.35			
	2/2/2017	32.55	33.59	1.04		820.34	821.10	2/2/2017	12:28	12:35
	1/30/2017	32.62	33.65	1.03		820.28	821.03			
	1/26/2017	32.70	34.01	1.31		819.92	820.88			
	1/23/2017	32.75	34.15	1.40		819.78	820.80			
	1/19/2017	32.78	34.23	1.45		819.70	820.76	1/19/2017	11:25	11:35
	1/16/2017	32.75	34.25	1.50		819.68	820.78			
	1/12/2017	34.12	NO WATER	0.92		-	-	1/12/2017	10:00	10:30
	1/5/2017	32.70	34.33	1.63		819.60	820.79			
	12/30/2016	33.20	35.00	1.80		818.93	820.25	12/30/2016	9:00	9:10
	12/21/2016	32.46	33.98	1.52		819.95	821.06	12/22/2016	14:07	14:17
	12/14/2016	32.32	33.80	1.48		820.13	821.21			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-04 (cont'd)	12/7/2016	32.09	33.58	1.49		820.35	821.44			
	11/10/2016	31.20	33.00	1.80		820.93	822.25	11/10/2016	11:19	11:29
	10/31/2016	30.78	32.78	2.00		821.15	822.61			
	10/24/2016	30.55	32.50	1.95		821.43	822.86	10/24/2016	11:59	12:04
	10/17/2016	30.40	31.85	1.45		822.08	823.14	10/17/2016	15:59	16:07
	10/9/2016	30.28	31.73	1.45		822.20	823.26			
	10/4/2016	30.10	30.75	0.65		823.18	823.66			
	9/27/2016	29.80	30.23	0.43		823.70	824.02			
	9/19/2016	29.46	29.80	0.34		824.13	824.38			
	9/12/2016	29.13	29.60	0.47		824.33	824.68	9/12/2016	11:40	11:55
	9/9/2016	29.05	29.40	0.35		824.53	824.79			
	9/6/2016	28.40	29.35	0.95		824.58	825.28	9/6/2016	15:38	15:40
	9/2/2016	28.70	29.10	0.40		824.83	825.12	9/2/2016	14:17	14:19
RW-05					853.53					
	3/31/2017	34.08	34.46	0.38		819.07	819.35			
	3/27/2017	34.05	34.40	0.35		819.13	819.39			
	3/24/2017	34.08	34.40	0.32		819.13	819.37			
	3/20/2017	34.14	34.40	0.26		819.13	819.32			
	3/16/2017	34.14	34.38	0.24		819.15	819.33			
	3/13/2017	34.34	34.60	0.26		818.93	819.12			
	3/6/2017	34.75	35.05	0.30		818.48	818.70			
	3/2/2017	34.77	34.93	0.16		818.60	818.72	3/3/2017	12:44	12:51
	2/27/2017	34.75	35.25	0.50		818.28	818.65	2/27/2017	11:15	11:22
	2/23/2017	34.76	35.18	0.42		818.35	818.66			
	2/20/2017	34.80	35.15	0.35		818.38	818.64			
	2/17/2017	34.84	35.13	0.29		818.40	818.62			
	2/9/2017	34.82	35.85	1.03		817.68	818.44	2/9/2017	11:00	11:08
	2/6/2017	34.81	35.90	1.09		817.63	818.43			
	2/2/2017	34.82	35.94	1.12		817.59	818.41	2/2/2017	12:20	12:24
	1/30/2017	34.82	35.94	1.12		817.59	818.41			
	1/26/2017	34.88	36.05	1.17		817.48	818.34			
	1/23/2017	34.96	36.17	1.21		817.36	818.25	1/23/2017	11:40	11:48
	1/19/2017	35.08	36.35	1.27		817.18	818.11	1/19/2017	11:07	11:17
	1/16/2017	35.06	36.30	1.24		817.23	818.14	1/16/2017	10:50	11:00
	1/12/2017	-	NM	-		-	-	1/12/2017	10:35	11:05
	1/5/2017	35.11	36.10	0.99		817.43	818.16			
	12/30/2016	36.00	36.40	0.40		817.13	817.43	12/30/2016	9:12	9:22
	12/21/2016	35.06	36.40	1.34		817.13	818.11	12/22/2016	13:56	14:06
	12/14/2016	35.00	36.34	1.34		817.19	818.17			
	12/7/2016	-	34.50	-		819.03	-			
	11/10/2016	34.55	35.95	1.40		817.58	818.61	11/10/2016	11:30	11:46
	10/31/2016	32.23	35.86	3.63		817.67	820.32			
	10/24/2016	34.10	35.68	1.58		817.85	819.01	10/24/2016	12:07	12:13
	10/17/2016	33.91	35.46	1.55		818.07	819.20	10/17/2016	16:07	16:19
	10/9/2016	33.60	35.20	1.60		818.33	819.50			
	10/4/2016	33.70	34.75	1.05		818.78	819.55	10/4/2016	12:00	12:05
	9/27/2016	33.30	35.15	1.85		818.38	819.73	9/27/2016	10:30	10:37
	9/19/2016	33.08	34.70	1.62		818.83	820.02	9/19/2016	14:05	14:12
	9/12/2016	33.20	33.32	0.12		820.21	820.30			
	9/9/2016	33.10	33.18	0.08		820.35	820.41			
	9/6/2016	32.94	33.24	0.30		820.29	820.51	9/6/2016	15:28	15:30
	9/2/2016	32.80	33.02	0.22		820.51	820.67			
RW-06					846.21					
	3/31/2017	27.78	27.79	0.01		818.42	818.43			
	3/27/2017	27.98	28.00	0.02		818.21	818.22			
	3/24/2017	27.72	27.73	0.01		818.48	818.49			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-06 (cont'd)	3/20/2017	27.82	27.83	0.01		818.38	818.39			
	3/16/2017	27.90	27.93	0.03		818.28	818.30			
	3/13/2017	28.15	28.17	0.02		818.04	818.05			
	3/6/2017	28.50	28.60	0.10		817.61	817.68			
	3/2/2017	28.50	28.55	0.05		817.66	817.69			
	2/27/2017	28.50	28.62	0.12		817.59	817.68			
	2/23/2017	28.54	28.60	0.06		817.61	817.65			
	2/20/2017	28.55	28.60	0.05		817.61	817.64			
	2/17/2017	28.56	28.60	0.04		817.61	817.64			
	2/9/2017	28.71	28.76	0.05		817.45	817.48			
	2/6/2017	28.73	28.77	0.04		817.44	817.47			
	2/2/2017	28.72	28.79	0.07		817.42	817.47			
	1/30/2017	28.74	28.80	0.06		817.41	817.45			
	1/26/2017	28.71	28.75	0.04		817.46	817.49			
	1/23/2017	28.80	28.85	0.05		817.36	817.39	1/23/2017	11:50	11:55
	1/19/2017	29.05	29.10	0.05		817.11	817.14	1/19/2017	10:50	11:00
	1/16/2017	29.00	29.02	0.02		817.19	817.20	1/16/2017	11:05	11:15
	1/12/2017	24.90	27.50	2.60		818.71	820.61	1/12/2017	11:08	11:28
	1/5/2017	28.92	29.05	0.13		817.16	817.25			
	12/30/2016	28.00	29.00	1.00		817.21	817.94	12/30/2016	9:30	9:41
	12/21/2016	28.99	29.45	0.46		816.76	817.09	12/22/2016	12:50	13:00
	12/14/2016	28.92	29.35	0.43		816.86	817.17			
	12/7/2016	28.84	29.92	1.08		816.29	817.08			
	11/10/2016	28.60	29.15	0.55		817.06	817.46			
	10/31/2016	28.43	28.80	0.37		817.41	817.68			
	10/24/2016	29.25	29.63	0.38		816.58	816.86	10/24/2016	12:15	12:20
	10/17/2016	28.07	28.56	0.49		817.65	818.01	10/17/2016	16:20	16:26
	10/9/2016	27.83	28.32	0.49		817.89	818.25			
	10/4/2016	27.75	28.25	0.50		817.96	818.32	10/4/2016	12:15	12:25
	9/27/2016	27.45	28.42	0.97		817.79	818.50	9/27/2016	10:44	10:49
9/19/2016	27.20	28.14	0.94		818.07	818.75	9/19/2016	14:15	14:21	
9/12/2016	27.03	27.80	0.77		818.41	818.97	9/12/2016	11:59	12:02	
9/9/2016	26.91	27.70	0.79		818.51	819.09	9/9/2016	9:45	9:55	
9/6/2016	26.95	27.48	0.53		818.73	819.12	9/6/2016	15:18	15:21	
9/2/2016	26.70	27.26	0.56		818.95	819.36	9/2/2016	13:51	13:59	
RW-07					843.19					
	3/31/2017	23.50	25.33	1.83		817.86	819.20	3/31/2017	10:11	10:16
	3/27/2017	23.99	26.12	2.13		817.07	818.63			
	3/24/2017	23.45	25.25	1.80		817.94	819.26			
	3/20/2017	23.90	25.85	1.95		817.34	818.77	3/20/2017	11:07	11:15
	3/16/2017	23.89	25.73	1.84		817.46	818.81	3/17/2017	10:02	10:13
	3/13/2017	24.03	26.15	2.12		817.04	818.59	3/15/2017	14:50	14:56
	3/6/2017	24.35	26.45	2.10		816.74	818.27	3/6/2017	8:50	8:57
	3/2/2017	24.32	26.50	2.18		816.69	818.28	3/3/2017	12:37	12:41
	2/27/2017	24.35	26.60	2.25		816.59	818.23	2/27/2017	10:59	11:07
	2/23/2017	24.34	26.59	2.25		816.60	818.24	2/24/2017	13:09	13:19
	2/20/2017	24.37	26.64	2.27		816.55	818.21	2/21/2017	12:37	12:43
	2/17/2017	24.37	26.65	2.28		816.54	818.21	2/17/2017	10:22	10:27
	2/9/2017	24.45	26.82	2.37		816.37	818.10	2/9/2017	9:05	9:14
	2/6/2017	24.52	26.98	2.46		816.21	818.01	2/6/2017	13:43	13:52
	2/2/2017	24.50	26.95	2.45		816.24	818.03	2/2/2017	11:30	11:41
	1/30/2017	24.48	26.90	2.42		816.29	818.06	1/30/2017	12:48	13:01
	1/26/2017	24.44	26.75	2.31		816.44	818.13	1/26/2017	12:10	12:21
	1/23/2017	24.45	26.80	2.35		816.39	818.11			
	1/19/2017	24.22	27.44	3.22		815.75	818.10	1/19/2017	9:40	9:48
	1/16/2017	24.70	27.35	2.65		815.84	817.78	1/16/2017	11:18	11:28

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-07 (cont'd)	1/12/2017	18.70	20.19	1.49		823.00	824.09	1/12/2017	11:30	12:00
	1/5/2017	24.61	27.21	2.60		815.98	817.88			
	12/30/2016	24.00	27.10	3.10		816.09	818.35			
	12/21/2016	24.74	27.80	3.06		815.39	817.63	12/22/2016	13:00	13:10
	12/14/2016	24.68	27.79	3.11		815.40	817.67			
	12/7/2016	24.57	27.61	3.04		815.58	817.80			
	11/10/2016	24.58	27.16	2.58		816.03	817.92	11/10/2016	11:49	12:03
	10/31/2016	24.45	26.70	2.25		816.49	818.13			
	10/24/2016	24.35	26.35	2.00		816.84	818.30	10/24/2016	12:21	12:27
	10/17/2016	24.26	26.08	1.82		817.11	818.44	10/17/2016	16:27	16:35
	10/9/2016	24.13	25.36	1.23		817.83	818.73			
	10/4/2016	24.03	25.25	1.22		817.94	818.83	10/4/2016	12:37	12:42
	9/27/2016	23.85	25.25	1.40		817.94	818.96	9/27/2016	10:49	10:58
	9/19/2016	23.65	24.86	1.21		818.33	819.22	9/19/2016	14:21	14:26
	9/12/2016	23.40	24.75	1.35		818.44	819.43	9/12/2016	12:03	12:09
	9/9/2016	23.30	24.64	1.34		818.55	819.53	9/9/2016	10:00	10:10
9/6/2016	23.16	24.54	1.38		818.65	819.66	9/6/2016	15:05	15:11	
9/2/2016	23.00	24.48	1.48		818.71	819.79	9/2/2016	13:44	13:46	
RW-08					835.48					
	3/31/2017	16.50	16.83	0.33		818.65	818.89			
	3/27/2017	17.74	18.47	0.73		817.01	817.54			
	3/24/2017	16.58	17.15	0.57		818.33	818.74			
	3/20/2017	17.30	18.39	1.09		817.09	817.88	3/20/2017	10:52	11:03
	3/16/2017	17.61	17.96	0.35		817.52	817.77			
	3/13/2017	17.80	18.55	0.75		816.93	817.48	3/15/2017	14:25	14:32
	3/6/2017	17.60	19.03	1.43		816.45	817.49	3/6/2017	8:34	8:41
	3/2/2017	17.57	19.07	1.50		816.41	817.50	3/3/2017	12:30	12:37
	2/27/2017	17.62	19.15	1.53		816.33	817.44	2/27/2017	10:49	10:56
	2/23/2017	17.72	18.85	1.13		816.63	817.45	2/24/2017	12:45	12:59
	2/20/2017	17.59	19.28	1.69		816.20	817.43	2/21/2017	12:45	12:51
	2/17/2017	17.51	19.53	2.02		815.95	817.42	2/17/2017	10:38	10:43
	2/9/2017	17.85	18.89	1.04		816.59	817.35	2/9/2017	9:16	9:24
	2/6/2017	17.83	19.30	1.47		816.18	817.25	2/6/2017	13:30	13:41
	2/2/2017	17.91	18.96	1.05		816.52	817.28	2/2/2017	11:43	11:57
	1/30/2017	17.86	19.03	1.17		816.45	817.30	1/30/2017	12:20	12:31
	1/26/2017	17.80	18.95	1.15		816.53	817.37	1/26/2017	11:50	12:08
	1/23/2017	17.61	19.38	1.77		816.10	817.39	1/23/2017	10:40	10:55
	1/19/2017	17.92	20.15	2.23		815.33	816.96	1/19/2017	9:50	10:00
	1/16/2017	17.80	20.26	2.46		815.22	817.01	1/16/2017	10:05	10:15
	1/12/2017	18.00	20.40	2.40		815.08	816.83	1/12/2017	12:02	12:32
	1/5/2017	17.70	20.10	2.40		815.38	817.13			
	12/30/2016	17.00	20.00	3.00		815.48	817.67			
	12/21/2016	17.99	20.33	2.34		815.15	816.86			
	12/14/2016	17.95	20.15	2.20		815.33	816.93			
	12/7/2016	17.95	19.73	1.78		815.75	817.05			
	11/10/2016	18.26	18.60	0.34		816.88	817.13	11/10/2016	12:05	12:17
	10/31/2016	18.10	18.55	0.45		816.93	817.26			
	10/24/2016	17.82	18.55	0.73		816.93	817.46	10/24/2016	12:27	12:33
	10/17/2016	17.70	18.42	0.72		817.06	817.58	10/17/2016	16:35	16:44
	10/9/2016	17.21	18.50	1.29		816.98	817.92			
	10/4/2016	17.02	18.42	1.40		817.06	818.08	10/4/2016	12:54	13:00
	9/27/2016	17.08	18.48	1.40		817.00	818.02	9/27/2016	10:58	11:08
	9/19/2016	16.87	18.25	1.38		817.23	818.24	9/19/2016	14:26	14:31
	9/12/2016	16.81	17.53	0.72		817.95	818.47	9/12/2016	12:09	12:14
	9/9/2016	16.73	17.24	0.51		818.24	818.61	9/9/2016	10:15	10:25
	9/6/2016	16.65	17.15	0.50		818.33	818.69	9/6/2016	14:56	14:58

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-08 (cont'd)	9/2/2016	16.45	17.10	0.65		818.38	818.85	9/2/2016	13:34	13:36
RW-09					835.12					
	3/31/2017	13.92	14.06	0.14		821.06	821.17			
	3/27/2017	14.59	16.38	1.79		818.74	820.05			
	3/24/2017	14.02	14.70	0.68		820.42	820.92			
	3/20/2017	13.88	14.64	0.76		820.48	821.04	3/20/2017	10:41	10:49
	3/16/2017	14.24	16.00	1.76		819.12	820.41	3/17/2017	9:42	9:51
	3/13/2017	14.42	16.40	1.98		818.72	820.17	3/15/2017	14:10	14:21
	3/6/2017	14.75	16.47	1.72		818.65	819.91	3/6/2017	8:24	8:30
	3/2/2017	14.75	16.48	1.73		818.64	819.91	3/3/2017	12:17	12:25
	2/27/2017	14.80	16.60	1.80		818.52	819.84	2/27/2017	10:40	10:47
	2/23/2017	14.78	16.60	1.82		818.52	819.85	2/24/2017	12:04	12:09
	2/20/2017	14.80	16.60	1.80		818.52	819.84	2/21/2017	13:01	13:11
	2/17/2017	14.80	16.60	1.80		818.52	819.84	2/17/2017	10:30	10:36
	2/9/2017	14.90	16.72	1.82		818.40	819.73	2/9/2017	9:25	9:34
	2/6/2017	14.98	16.88	1.90		818.24	819.63	2/6/2017	13:17	13:27
	2/2/2017	14.96	16.90	1.94		818.22	819.64	2/2/2017	12:04	12:15
	1/30/2017	14.92	16.80	1.88		818.32	819.70	1/30/2017	12:33	12:45
	1/26/2017	14.84	16.69	1.85		818.43	819.78	1/26/2017	11:40	11:48
	1/23/2017	14.80	16.69	1.89		818.43	819.81	1/23/2017	11:01	11:20
	1/19/2017	15.20	17.30	2.10		817.82	819.36	1/19/2017	10:10	10:20
	1/16/2017	15.15	17.20	2.05		817.92	819.42	1/16/2017	10:18	10:28
	1/12/2017	15.00	16.40	1.40		818.72	819.75	1/12/2017	12:36	13:06
	1/5/2017	15.02	17.02	2.00		818.10	819.56			
	12/30/2016	15.10	17.40	2.30		817.72	819.40			
	12/21/2016	15.26	17.48	2.22		817.64	819.26	12/22/2016	13:20	13:29
	12/14/2016	15.22	17.43	2.21		817.69	819.31			
	12/7/2016	15.10	17.20	2.10		817.92	819.46			
	11/10/2016	15.12	17.06	1.94		818.06	819.48	11/10/2016	12:17	12:29
	10/31/2016	15.00	16.76	1.76		818.36	819.65			
	10/24/2016	14.88	16.53	1.65		818.59	819.80	10/24/2016	12:33	12:39
	10/17/2016	14.76	16.50	1.74		818.62	819.89	10/17/2016	16:44	16:51
	10/9/2016	14.52	15.96	1.44		819.16	820.21			
	10/4/2016	14.43	15.88	1.45		819.24	820.30	10/4/2016	13:10	13:16
	9/27/2016	14.40	16.45	2.05		818.67	820.17	9/27/2016	11:08	11:13
	9/19/2016	14.29	15.40	1.11		819.72	820.53	9/19/2016	14:31	14:40
	9/12/2016	13.97	15.18	1.21		819.94	820.83	9/12/2016	12:14	12:20
	9/9/2016	13.86	15.08	1.22		820.04	820.93	9/9/2016	10:30	10:50
	9/6/2016	13.75	14.89	1.14		820.23	821.07	9/6/2016	14:39	14:51
	9/2/2016	13.60	14.70	1.10		820.42	821.23	9/2/2016	13:28	13:30
RW-10					848.53					
	3/31/2017	17.55	21.66	4.11		826.87	829.87	3/31/2017	11:42	11:48
	3/27/2017	17.64	21.72	4.08		826.81	829.79			
	3/24/2017	17.77	21.48	3.71		827.05	829.76			
	3/20/2017	17.83	21.70	3.87		826.83	829.66	3/20/2017	11:46	11:54
	3/16/2017	18.40	21.05	2.65		827.48	829.42	3/17/2017	8:21	8:30
	3/13/2017	17.78	21.60	3.82		826.93	829.72	3/15/2017	15:31	15:37
	3/6/2017	17.92	21.79	3.87		826.74	829.57	3/6/2017	10:50	10:55
	3/2/2017	17.82	21.84	4.02		826.69	829.63	3/3/2017	9:01	9:11
	2/27/2017	17.86	21.80	3.94		826.73	829.61	2/27/2017	11:54	12:00
	2/23/2017	17.82	21.53	3.71		827.00	829.71	2/24/2017	9:11	9:18
	2/20/2017	17.72	21.90	4.18		826.63	829.68	2/21/2017	8:48	8:59
	2/17/2017	17.54	22.32	4.78		826.21	829.70	2/17/2017	12:08	12:13
	2/9/2017	17.85	22.44	4.59		826.09	829.44	2/9/2017	13:00	13:07
	2/6/2017	17.89	22.50	4.61		826.03	829.40	2/6/2017	10:33	10:43
	2/2/2017	17.76	22.33	4.57		826.20	829.54	2/2/2017	12:50	13:10

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-10 (cont'd)	1/30/2017	17.84	22.63	4.79		825.90	829.40	1/30/2017	10:37	10:49
	1/26/2017	18.09	22.75	4.66		825.78	829.18	1/26/2017	9:30	9:38
	1/23/2017	17.96	23.50	5.54		825.03	829.08	1/23/2017	11:22	11:49
	1/19/2017	18.12	24.20	6.08		824.33	828.77	1/19/2017	10:30	10:40
	1/16/2017	18.26	23.40	5.14		825.13	828.88	1/16/2017	10:35	10:45
	1/12/2017	17.98	23.90	5.92		824.63	828.95	1/12/2017	15:30	16:00
	1/5/2017	18.60	22.96	4.36		825.57	828.76			
	12/30/2016	18.00	24.70	6.70		823.83	828.72	12/30/2016	14:21	14:31
	12/21/2016	17.85	24.64	6.79		823.89	828.85			
	12/14/2016	17.73	24.50	6.77		824.03	828.97	12/14/2016	15:46	15:56
	12/7/2016	17.59	24.26	6.67		824.27	829.14			
	11/10/2016	16.76	22.75	5.99		825.78	830.16	11/10/2016	10:45	10:53
	10/31/2016	16.47	22.15	5.68		826.38	830.53			
	10/24/2016	16.30	21.60	5.30		826.93	830.80	10/24/2016	13:00	13:05
	10/17/2016	16.50	19.55	3.05		828.98	831.21	10/17/2016	15:30	15:41
	10/9/2016	16.41	17.13	0.72		831.40	831.93			
	10/4/2016	16.33	17.00	0.67		831.53	832.02			
	9/27/2016	16.05	16.52	0.47		832.01	832.36			
	9/19/2016	15.61	16.00	0.39		832.53	832.82			
	9/12/2016	15.40	15.73	0.33		832.80	833.04	9/12/2016	13:30	13:35
	9/9/2016	15.30	15.55	0.25		832.98	833.17			
9/6/2016	15.08	15.60	0.52		832.93	833.31	9/6/2016	16:28	16:34	
9/2/2016	14.70	15.75	1.05		832.78	833.55	9/2/2016	15:07	15:09	
RW-11					852.97					
	3/31/2017	13.83	14.97	1.14		838.00	838.83			
	3/27/2017	13.90	15.10	1.20		837.87	838.74			
	3/24/2017	13.92	15.10	1.18		837.87	838.73			
	3/20/2017	13.97	15.10	1.13		837.87	838.69	3/20/2017	13:01	13:07
	3/16/2017	14.06	15.23	1.17		837.74	838.59	3/17/2017	8:02	8:12
	3/13/2017	14.09	15.30	1.21		837.67	838.55	3/15/2017	10:42	10:51
	3/6/2017	14.22	15.50	1.28		837.47	838.40	3/6/2017	11:50	11:56
	3/2/2017	14.24	14.25	0.01		838.72	838.72			
	2/27/2017	14.29	15.60	1.31		837.37	838.32	2/27/2017	13:42	13:49
	2/23/2017	14.22	15.75	1.53		837.22	838.33			
	2/20/2017	14.30	15.58	1.28		837.39	838.32			
	2/17/2017	14.28	15.60	1.32		837.37	838.33	2/17/2017	11:00	11:10
	2/9/2017	14.59	15.93	1.34		837.04	838.02			
	2/6/2017	14.60	16.05	1.45		836.92	837.98	2/6/2017	11:25	11:31
	2/2/2017	14.60	15.82	1.22		837.15	838.04			
	1/30/2017	14.65	16.00	1.35		836.97	837.95	1/30/2017	10:08	10:20
	1/26/2017	14.82	16.02	1.20		836.95	837.82			
	1/23/2017	14.76	15.92	1.16		837.05	837.89	1/23/2017	12:01	12:07
	1/19/2017	15.25	17.18	1.93		835.79	837.20	1/19/2017	14:38	14:41
	1/16/2017	15.24	17.12	1.88		835.85	837.22	1/16/2017	12:07	12:14
	1/12/2017	15.15	16.99	1.84		835.98	837.32			
	1/5/2017	15.41	17.75	2.34		835.22	836.93			
	12/30/2016	15.60	18.40	2.80		834.57	836.61	12/30/2016	11:14	11:19
	12/21/2016	15.48	18.23	2.75		834.74	836.75	12/22/2016	15:14	15:23
	12/14/2016	15.38	18.12	2.74		834.85	836.85			
	12/7/2016	15.23	17.92	2.69		835.05	837.01			
	11/10/2016	14.69	17.40	2.71		835.57	837.55	11/10/2016	9:37	9:45
	10/31/2016	14.35	17.13	2.78		835.84	837.87			
	10/24/2016	14.15	16.97	2.82		836.00	838.06	10/24/2016	14:30	14:37
	10/17/2016	13.97	16.57	2.60		836.40	838.30	10/17/2016	17:08	17:12
	10/9/2016	13.12	16.48	3.36		836.49	838.94			
	10/4/2016	13.67	16.65	2.98		836.32	838.49	10/4/2016	13:24	13:32

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-11 (cont'd)	9/27/2016	13.43	15.80	2.37		837.17	838.90	9/27/2016	11:20	11:30
	9/19/2016	13.21	15.44	2.23		837.53	839.16	9/19/2016	15:00	15:06
	9/12/2016	13.03	15.10	2.07		837.87	839.38	9/12/2016	12:40	12:47
	9/9/2016	12.90	14.95	2.05		838.02	839.51	9/9/2016	11:45	12:10
	9/6/2016	12.85	14.75	1.90		838.22	839.60			
	9/2/2016	12.85	14.03	1.18		838.94	839.80	9/2/2016	14:41	14:44
RW-12					852.75					
	3/31/2017	15.45	16.15	0.70		836.60	837.11			
	3/27/2017	15.62	15.77	0.15		836.98	837.09			
	3/24/2017	15.72	15.74	0.02		837.01	837.02			
	3/20/2017	15.77	15.80	0.03		836.95	836.97			
	3/16/2017	15.85	15.86	0.01		836.89	836.90			
	3/13/2017	15.91	15.93	0.02		836.82	836.83			
	3/6/2017	15.98	16.00	0.02		836.75	836.76			
	3/2/2017	15.96	15.97	0.01		836.78	836.79			
	2/27/2017	16.03	16.12	0.09		836.63	836.70			
	2/23/2017	16.02	16.05	0.03		836.70	836.72			
	2/20/2017	16.04	16.08	0.04		836.67	836.70			
	2/17/2017	16.05	16.10	0.05		836.65	836.69			
	2/9/2017	16.35	16.36	0.01		836.39	836.40			
	2/6/2017	16.40	16.42	0.02		836.33	836.34			
	2/2/2017	16.44	16.50	0.06		836.25	836.29			
	1/30/2017	16.40	16.45	0.05		836.30	836.34			
	1/26/2017	14.70	14.71	0.01		838.04	838.05			
	1/23/2017	14.07	14.08	0.01		838.67	838.68			
	1/19/2017	-	DRY	-		-	-			
	1/16/2017	-	21.40	-		831.35	-			
	1/12/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/30/2016	16.70	16.80	0.10		835.95	836.02	12/30/2016	11:44	11:54
	12/21/2016	16.70	NO WATER	0.20		-	-			
	12/14/2016	16.71	NO WATER	0.19		-	-			
	12/7/2016	-	14.00	-		838.75	-			
	11/10/2016	-	15.90	-		836.85	-			
	10/31/2016	-	16.20	-		836.55	-			
	10/24/2016	-	16.03	-		836.72	-			
	10/17/2016	-	15.24	-		837.51	-			
	10/9/2016	-	15.14	-		837.61	-			
	10/4/2016	-	15.08	-		837.67	-			
	9/27/2016	-	NM	-		-	-			
	9/19/2016	-	14.81	-		837.94	-			
	9/12/2016	-	14.71	-		838.04	-			
	9/9/2016	-	14.58	-		838.17	-			
	9/6/2016	-	14.50	-		838.25	-			
	9/2/2016	-	14.40	-		838.35	-			
RW-13					847.97					
	3/31/2017	17.86	19.88	2.02		828.09	829.56	3/31/2017	11:51	12:01
	3/27/2017	17.90	19.98	2.08		827.99	829.51			
	3/24/2017	18.02	19.86	1.84		828.11	829.45			
	3/20/2017	18.05	20.45	2.40		827.52	829.27	3/20/2017	12:28	12:34
	3/16/2017	18.20	20.47	2.27		827.50	829.16	3/17/2017	8:50	9:00
	3/13/2017	18.02	20.24	2.22		827.73	829.35	3/15/2017	10:30	10:41
	3/6/2017	18.12	20.20	2.08		827.77	829.29	3/6/2017	11:01	11:07
	3/2/2017	18.00	20.38	2.38		827.59	829.33	3/3/2017	9:31	9:40
	2/27/2017	18.06	20.30	2.24		827.67	829.30	2/27/2017	11:48	11:53
	2/23/2017	17.90	20.53	2.63		827.44	829.36	2/24/2017	9:01	9:09

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³		Date of Product Evacuation	Start Time	Finish Time
							Groundwater Elevation (ft amsl)	Groundwater Elevation (ft amsl)			
RW-13 (cont'd)	2/20/2017	17.95	20.45	2.50		827.52	829.34		2/21/2017	8:37	8:45
	2/17/2017	17.89	20.60	2.71		827.37	829.35		2/17/2017	12:15	12:22
	2/9/2017	18.00	21.20	3.20		826.77	829.11		2/9/2017	13:09	13:18
	2/6/2017	18.05	21.22	3.17		826.75	829.06		2/6/2017	10:45	10:52
	2/2/2017	18.10	20.99	2.89		826.98	829.09		2/2/2017	13:55	14:10
	1/30/2017	18.10	21.24	3.14		826.73	829.02		1/30/2017	10:51	11:02
	1/26/2017	18.20	21.67	3.47		826.30	828.83		1/26/2017	9:10	9:25
	1/23/2017	18.17	22.15	3.98		825.82	828.72		1/23/2017	13:30	13:40
	1/19/2017	18.30	22.40	4.10		825.57	828.56		1/19/2017	12:20	12:28
	1/16/2017	18.40	22.02	3.62		825.95	828.59		1/16/2017	13:30	13:40
	1/12/2017	18.28	22.98	4.70		824.99	828.42		1/12/2017	14:45	15:15
	1/5/2017	18.44	22.32	3.88		825.65	828.48				
	12/30/2016	18.80	22.80	4.00		825.17	828.09		12/30/2016	11:34	11:44
	12/21/2016	18.23	22.27	4.04		825.70	828.65		12/22/2016	15:25	15:34
	12/14/2016	18.10	22.09	3.99		825.88	828.79		12/14/2016	15:59	16:09
	12/7/2016	17.97	21.80	3.83		826.17	828.96				
	11/10/2016	17.20	20.15	2.95		827.82	829.97		11/10/2016	11:03	11:07
	10/31/2016	16.83	19.80	2.97		828.17	830.34				
	10/24/2016	16.45	19.83	3.38		828.14	830.61		10/24/2016	13:05	13:13
	10/17/2016	16.35	18.95	2.60		829.02	830.92		10/17/2016	15:41	15:55
	10/9/2016	15.58	18.02	2.44		829.95	831.73				
	10/4/2016	15.53	17.97	2.44		830.00	831.78				
	9/27/2016	15.25	17.23	1.98		830.74	832.18				
	9/19/2016	14.95	16.58	1.63		831.39	832.58		9/19/2016	15:15	15:21
	9/12/2016	14.80	16.20	1.40		831.77	832.79		9/12/2016	13:35	13:41
9/9/2016	14.65	16.13	1.48		831.84	832.92		9/9/2016	11:20	11:35	
9/6/2016	14.44	16.26	1.82		831.71	833.04		9/6/2016	16:12	16:23	
9/2/2016	14.20	15.90	1.70		832.07	833.31		9/2/2016	15:04	15:06	
RW-14					827.54						
	3/31/2017	8.79	8.80	0.01		818.74	818.75				
	3/27/2017	13.17	13.18	0.01		814.36	814.37				
	3/24/2017	9.21	9.23	0.02		818.31	818.32				
	3/20/2017	12.65	12.66	0.01		814.88	814.89				
	3/16/2017	12.67	12.68	0.01		814.86	814.87				
	3/13/2017	13.00	13.03	0.03		814.51	814.53				
	3/6/2017	12.39	12.45	0.06		815.09	815.13				
	3/2/2017	12.40	12.44	0.04		815.10	815.13		3/3/2017	9:41	9:50
	2/27/2017	12.45	12.46	0.01		815.08	815.09				
	2/23/2017	12.43	12.47	0.04		815.07	815.10				
	2/20/2017	12.45	12.48	0.03		815.06	815.08		2/21/2017	13:21	13:29
	2/17/2017	12.39	12.44	0.05		815.10	815.14		2/17/2017	10:40	10:46
	2/9/2017	12.41	12.45	0.04		815.09	815.12				
	2/6/2017	12.56	12.64	0.08		814.90	814.96				
	2/2/2017	12.58	12.65	0.07		814.89	814.94				
	1/30/2017	12.50	12.57	0.07		814.97	815.02				
	1/26/2017	12.43	12.50	0.07		815.04	815.09				
	1/23/2017	12.30	12.36	0.06		815.18	815.22				
	1/19/2017	12.75	12.93	0.18		814.61	814.74				
	1/16/2017	12.70	12.88	0.18		814.66	814.79				
	1/12/2017	-	NM	-		-	-		1/12/2017	14:10	14:40
	1/5/2017	12.59	12.69	0.10		814.85	814.92				
	12/30/2016	12.50	12.70	0.20		814.84	814.99				
	12/21/2016	12.83	13.10	0.27		814.44	814.64				
	12/14/2016	12.75	12.98	0.23		814.56	814.73				
	12/7/2016	12.61	12.72	0.11		814.82	814.90				
	11/10/2016	12.68	12.92	0.24		814.62	814.80				

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
RW-14 (cont'd)	10/31/2016	12.60	12.88	0.28		814.66	814.86			
	10/24/2016	12.51	12.82	0.31		814.72	814.95			
	10/17/2016	12.36	12.52	0.16		815.02	815.14			
	10/9/2016	12.40	12.50	0.10		815.04	815.11			
	10/4/2016	12.25	12.45	0.20		815.09	815.24			
	9/27/2016	12.10	12.20	0.10		815.34	815.41			
	9/19/2016	12.10	12.20	0.10		815.34	815.41			
	9/12/2016	11.91	12.05	0.14		815.49	815.59			
	9/9/2016	11.90	12.00	0.10		815.54	815.61			
	9/6/2016	13.68	13.77	0.09		813.77	813.84			
	9/2/2016	13.65	13.73	0.08		813.81	813.87			
RW-15					851.64					
	3/31/2017	18.82	20.05	1.23		831.59	832.49	3/31/2017	12:55	13:06
	3/27/2017	18.92	19.85	0.93		831.79	832.47			
	3/24/2017	19.04	19.63	0.59		832.01	832.44			
	3/20/2017	19.09	19.74	0.65		831.90	832.37	3/20/2017	12:47	12:53
	3/16/2017	19.29	19.40	0.11		832.24	832.32			
	3/13/2017	19.10	19.50	0.40		832.14	832.43			
	3/6/2017	19.03	20.04	1.01		831.60	832.33	3/6/2017	11:02	11:40
	3/2/2017	19.10	19.66	0.56		831.98	832.39	3/3/2017	10:30	10:40
	2/27/2017	19.08	19.80	0.72		831.84	832.36	2/27/2017	13:20	13:27
	2/23/2017	19.13	19.40	0.27		832.24	832.43			
	2/20/2017	19.12	19.63	0.51		832.01	832.38	2/21/2017	9:40	9:55
	2/17/2017	19.11	19.75	0.64		831.89	832.35	2/17/2017	13:17	13:25
	2/9/2017	19.31	19.97	0.66		831.67	832.15	2/9/2017	14:17	14:28
	2/6/2017	19.29	20.00	0.71		831.64	832.16	2/6/2017	9:30	9:40
	2/2/2017	19.35	19.96	0.61		831.68	832.12	2/2/2017	14:11	14:20
	1/30/2017	19.45	20.10	0.65		831.54	832.01	1/30/2017	12:08	12:18
	1/26/2017	19.68	20.18	0.50		831.46	831.82	1/26/2017	9:55	10:12
	1/23/2017	19.20	20.44	1.24		831.20	832.10	1/23/2017	14:23	14:30
	1/19/2017	19.76	20.71	0.95		830.93	831.62	1/19/2017	14:50	15:01
	1/16/2017	19.85	20.40	0.55		831.24	831.64			
	1/12/2017	19.64	21.00	1.36		830.64	831.63			
	1/5/2017	19.99	20.35	0.36		831.29	831.55			
	12/30/2016	19.70	20.80	1.10		830.84	831.64	12/30/2016	14:05	14:15
	12/21/2016	19.40	20.50	1.10		831.14	831.94	12/22/2016	16:40	16:50
	12/14/2016	19.02	20.95	1.93		830.69	832.10	12/14/2016	16:16	16:26
	12/7/2016	18.88	20.58	1.70		831.06	832.30			
	11/10/2016	-	15.74	-		835.90	-			
	10/31/2016	-	15.70	-		835.94	-			
	10/24/2016	-	15.60	-		836.04	-			
	10/17/2016	-	15.15	-		836.49	-			
	10/9/2016	-	15.08	-		836.56	-			
	10/4/2016	-	15.10	-		836.54	-			
	9/27/2016	-	15.12	-		836.52	-			
	9/19/2016	-	14.94	-		836.70	-			
	9/12/2016	-	14.76	-		836.88	-			
	9/9/2016	-	14.70	-		836.94	-			
	9/6/2016	-	14.44	-		837.20	-			
	9/2/2016	-	14.50	-		837.14	-			
SW-01					812.82					
	3/2/2017	-	(0.90)	-		813.72	-			
	2/2/2017	-	(0.52)	-		813.34	-			
	1/5/2017	-	(0.59)	-		813.41	-			
	12/21/2016	-	(0.44)	-		813.26	-			
	11/28/2016	-	(0.49)	-		813.31	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
SW-01 (cont'd)	9/29/2016	-	(0.30)	-		813.12	-			
SW-02					808.65					
	3/2/2017	-	(1.53)	-		810.18	-			
	2/2/2017	-	(1.50)	-		810.15	-			
	1/5/2017	-	(1.46)	-		810.11	-			
	12/21/2016	-	(1.36)	-		810.01	-			
	11/28/2016	-	(1.00)	-		809.65	-			
	9/29/2016	-	(1.15)	-		809.80	-			
SW-03					815.09					
	3/2/2017	-	(1.62)	-		816.71	-			
	2/2/2017	-	(0.91)	-		816.00	-			
	1/5/2017	-	(0.88)	-		815.97	-			
	12/21/2016	-	(0.46)	-		815.55	-			
	11/28/2016	-	(0.30)	-		815.39	-			
	9/29/2016	-	(0.20)	-		815.29	-			
SW-05					838.75					
	3/2/2017	-	NM	-		-	-			
	2/2/2017	-	NM	-		-	-			
	1/5/2017	-	NM	-		-	-			
	12/21/2016	-	NM	-		-	-			
	11/28/2016	-	NM	-		-	-			
	9/29/2016	-	NM	-		-	-			
SW-08					802.04					
	3/2/2017	-	(1.22)	-		803.26	-			
	2/2/2017	-	(1.25)	-		803.29	-			
	1/5/2017	-	(1.24)	-		803.28	-			
	12/21/2016	-	(1.19)	-		803.23	-			
	11/28/2016	-	(1.08)	-		803.12	-			
	9/29/2016	-	(0.90)	-		802.94	-			
SW-10					778.09					
	3/2/2017	-	(0.47)	-		778.56	-			
	2/2/2017	-	(0.46)	-		778.55	-			
	1/5/2017	-	(0.46)	-		778.55	-			
	12/21/2016	-	(0.47)	-		778.56	-			
	11/28/2016	-	(0.35)	-		778.44	-			
	9/29/2016	-	(0.28)	-		778.37	-			
TW-04R					852.64					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	DRY	-		-	-			
TW-05R					849.93					
	3/2/2017	-	7.95	-		841.98	-			
	2/2/2017	-	8.10	-		841.83	-			
	1/5/2017	-	7.55	-		842.38	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	DRY	-		-	-			
TW-14R					853.37					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	3.29	-		850.08	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-14R (cont'd)	9/9/2016	-	DRY	-		-	-			
TW-15R					850.62					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	2.92	-		847.70	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	DRY	-		-	-			
TW-21					849.70					
	3/2/2017	-	5.88	-		843.82	-			
	2/2/2017	-	6.22	-		843.48	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	9.70	-		840.00	-			
	9/9/2016	-	7.60	-		842.10	-			
TW-28					851.42					
	3/2/2017	24.50	26.15	1.65		825.27	826.48			
	2/2/2017	25.21	25.70	0.49		825.72	826.08			
	1/5/2017	25.74	26.20	0.46		825.22	825.56			
	12/21/2016	25.55	26.00	0.45		825.42	825.75			
	10/17/2016	22.38	22.78	0.40		828.64	828.94			
	9/9/2016	20.34	20.68	0.34		830.74	830.99			
TW-30					851.81					
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	21.10	-		830.71	-			
	9/9/2016	-	19.85	-		831.96	-			
TW-34					854.79					
	3/2/2017	-	22.30	-		832.49	-			
	2/2/2017	-	22.23	-		832.56	-			
	1/5/2017	-	22.22	-		832.57	-			
	12/21/2016	-	22.34	-		832.45	-			
	12/7/2016	-	22.21	-		832.58	-			
	10/17/2016	-	23.59	-		831.20	-			
	9/9/2016	-	22.36	-		832.43	-			
TW-35					854.10					
	3/2/2017	-	23.67	-		830.43	-			
	2/2/2017	-	22.66	-		831.44	-			
	1/5/2017	-	22.70	-		831.40	-			
	12/21/2016	-	22.70	-		831.40	-			
	10/17/2016	-	24.18	-		829.92	-			
	9/9/2016	-	22.80	-		831.30	-			
TW-40					853.35					
	3/2/2017	-	29.45	-		823.90	-			
	2/2/2017	-	29.61	-		823.74	-			
	1/5/2017	29.70	29.71	0.01		823.64	823.65			
	12/21/2016	-	29.66	-		823.69	-			
	12/7/2016	-	29.61	-		823.74	-			
	10/17/2016	-	31.25	-		822.10	-			
	9/9/2016	-	28.32	-		825.03	-			
TW-41					849.38					
	3/2/2017	-	29.40	-		819.98	-			
	2/2/2017	-	29.69	-		819.69	-			
	1/5/2017	-	30.00	-		819.38	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-41 (cont'd)	12/21/2016	-	DRY	-		-	-			
	12/7/2016	-	29.86	-		819.52	-			
	10/17/2016	-	30.39	-		818.99	-			
	9/9/2016	-	29.77	-		819.61	-			
TW-42				846.84						
	3/2/2017	-	DRY	-		-	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	28.40	-		818.44	-			
	9/9/2016	26.08	27.20	1.12		819.64	820.46			
TW-45					848.31					
	3/2/2017	29.00	30.57	1.57		817.74	818.88			
	2/2/2017	29.20	30.99	1.79		817.32	818.63			
	1/5/2017	29.31	31.33	2.02		816.98	818.45			
	12/21/2016	29.40	31.50	2.10		816.81	818.34			
	12/7/2016	-	27.45	-		820.86	-			
	10/17/2016	28.51	28.60	0.09		819.71	819.77			
	9/9/2016	26.20	26.47	0.27		821.84	822.04			
TW-46					846.88					
	3/2/2017	-	NM	-		-	-			
	2/2/2017	-	NM	-		-	-			
	1/5/2017	-	NM	-		-	-			
	12/21/2016	-	NM	-		-	-			
	12/7/2016	29.28	31.41	2.13		815.47	817.03			
	10/17/2016	-	29.31	-		817.57	-			
	9/9/2016	-	26.20	-		820.68	-			
TW-55					845.93					
	3/2/2017	-	12.05	-		833.88	-			
	2/2/2017	-	12.72	-		833.21	-			
	1/5/2017	-	14.73	-		831.20	-			
	12/21/2016	-	15.60	-		830.33	-			
	10/17/2016	-	12.33	-		833.60	-			
	9/9/2016	-	11.57	-		834.36	-			
TW-59					834.78					
	3/30/2017	-	15.21	-		819.57	-			
	3/27/2017	-	15.25	-		819.53	-			
	3/20/2017	-	15.07	-		819.72	-			
	3/13/2017	-	15.13	-		819.65	-			
	3/10/2017	-	15.02	-		819.76	-			
	3/9/2017	-	14.23	-		820.55	-			
	3/8/2017	-	14.99	-		819.79	-			
	3/7/2017	-	15.02	-		819.76	-			
	3/6/2017	-	18.56	-		816.22	-			
	3/2/2017	-	15.67	-		819.11	-			
	2/2/2017	-	15.90	-		818.88	-			
	1/5/2017	16.05	16.06	0.01		818.72	818.73			
	12/21/2016	-	16.35	-		818.43	-			
	12/7/2016	-	15.56	-		819.22	-			
	10/17/2016	-	16.18	-		818.60	-			
	9/9/2016	-	14.89	-		819.89	-			
TW-60					828.03					
	3/30/2017	-	10.33	-		817.70	-			
	3/27/2017	-	10.21	-		817.82	-			
	3/20/2017	-	8.49	-		819.54	-			
	3/13/2017	-	9.12	-		818.91	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-60 (cont'd)	3/10/2017	-	8.72	-		819.31	-			
	3/9/2017	-	9.66	-		818.37	-			
	3/8/2017	-	9.45	-		818.58	-			
	3/7/2017	-	7.59	-		820.44	-			
	3/6/2017	-	8.40	-		819.64	-			
	3/2/2017	-	9.96	-		818.07	-			
	2/2/2017	10.20	10.21	0.01		817.82	817.83			
	1/5/2017	10.20	10.21	0.01		817.82	817.83			
	12/21/2016	-	10.51	-		817.52	-			
	12/7/2016	-	10.33	-		817.70	-			
	10/17/2016	-	11.78	-		816.25	-			
	9/9/2016	-	10.56	-		817.47	-			
TW-64					845.88					
	3/2/2017	-	19.58	-		826.30	-			
	2/2/2017	-	19.96	-		825.92	-			
	1/5/2017	-	20.94	-		824.94	-			
	12/21/2016	-	20.88	-		825.00	-			
	10/17/2016	-	19.13	-		826.75	-			
	9/9/2016	-	16.12	-		829.76	-			
TW-65					845.62					
	3/2/2017	-	23.23	-		822.39	-			
	2/2/2017	-	23.70	-		821.92	-			
	1/5/2017	-	24.10	-		821.52	-			
	12/21/2016	-	23.87	-		821.75	-			
	10/17/2016	-	20.51	-		825.11	-			
	9/9/2016	-	18.42	-		827.20	-			
TW-66					820.31					
	3/30/2017	-	2.39	-		817.92	-			
	3/27/2017	-	2.41	-		817.90	-			
	3/20/2017	-	1.92	-		818.39	-			
	3/13/2017	-	2.05	-		818.26	-			
	3/10/2017	-	1.92	-		818.39	-			
	3/9/2017	-	2.30	-		818.01	-			
	3/8/2017	-	2.28	-		818.03	-			
	3/7/2017	-	1.85	-		818.46	-			
	3/6/2017	-	1.90	-		818.41	-			
	3/2/2017	-	2.64	-		817.67	-			
	2/2/2017	-	2.89	-		817.42	-			
	1/5/2017	-	2.92	-		817.39	-			
	12/21/2016	-	3.18	-		817.13	-			
	12/7/2016	-	3.01	-		817.30	-			
	10/17/2016	-	5.16	-		815.15	-			
	9/9/2016	-	2.30	-		818.01	-			
TW-67					852.71					
	3/30/2017	-	14.23	-		838.48	-			
	3/27/2017	-	14.89	-		837.82	-			
	3/20/2017	-	14.43	-		838.28	-			
	3/13/2017	-	15.07	-		837.64	-			
	3/10/2017	-	15.00	-		837.71	-			
	3/9/2017	-	15.19	-		837.52	-			
	3/8/2017	-	15.11	-		837.60	-			
	3/7/2017	-	15.14	-		837.57	-			
	3/6/2017	-	15.03	-		837.68	-			
	3/2/2017	-	15.44	-		837.27	-			
	2/2/2017	-	15.60	-		837.11	-			
	1/5/2017	-	16.22	-		836.49	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-67 (cont'd)	12/21/2016	-	16.31	-		836.40	-			
	10/17/2016	-	16.33	-		836.38	-			
	9/9/2016	-	13.05	-		839.66	-			
TW-68				846.45						
	3/2/2017	-	24.49	-		821.96	-			
	2/2/2017	-	24.93	-		821.52	-			
	1/5/2017	-	25.07	-		821.38	-			
	12/21/2016	-	24.90	-		821.55	-			
	10/17/2016	-	21.39	-		825.06	-			
	9/9/2016	-	20.05	-		826.40	-			
TW-69					840.27					
	3/2/2017	-	16.36	-		823.91	-			
	2/2/2017	-	16.64	-		823.63	-			
	1/5/2017	-	17.70	-		822.57	-			
	12/21/2016	-	17.77	-		822.50	-			
	10/17/2016	-	17.03	-		823.24	-			
	9/9/2016	-	14.29	-		825.98	-			
TW-70					841.95					
	3/2/2017	-	20.24	-		821.71	-			
	2/2/2017	-	20.50	-		821.45	-			
	1/5/2017	-	20.70	-		821.25	-			
	12/21/2016	-	20.60	-		821.35	-			
	10/17/2016	-	17.88	-		824.07	-			
	9/9/2016	-	16.03	-		825.92	-			
TW-73					850.53					
	3/30/2017	-	10.24	-		840.29	-			
	3/27/2017	-	10.27	-		840.26	-			
	3/20/2017	-	8.58	-		841.96	-			
	3/13/2017	-	10.38	-		840.16	-			
	3/10/2017	-	10.51	-		840.02	-			
	3/9/2017	-	11.45	-		839.08	-			
	3/8/2017	-	10.35	-		840.18	-			
	3/7/2017	-	10.34	-		840.19	-			
	3/6/2017	-	10.58	-		839.96	-			
	3/2/2017	-	10.47	-		840.06	-			
	2/2/2017	-	10.90	-		839.63	-			
	1/5/2017	-	11.18	-		839.35	-			
	12/21/2016	-	12.35	-		838.18	-			
	10/17/2016	-	12.78	-		837.75	-			
	9/9/2016	-	11.10	-		839.43	-			
TW-76					852.44					
	3/2/2017	-	17.74	-		834.70	-			
	2/2/2017	-	18.22	-		834.22	-			
	1/5/2017	-	18.50	-		833.94	-			
	12/21/2016	-	18.23	-		834.21	-			
	10/17/2016	-	15.69	-		836.75	-			
	9/9/2016	-	14.30	-		838.14	-			
TW-81					849.43					
	3/2/2017	-	4.95	-		844.48	-			
	2/2/2017	-	5.45	-		843.98	-			
	1/5/2017	-	5.80	-		843.63	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	DRY	-		-	-			
TW-82					849.64					
	3/2/2017	-	5.72	-		843.92	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-82 (cont'd)	2/2/2017	-	6.04	-		843.60	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	8.13	-		841.51	-			
TW-83				850.44						
	3/2/2017	-	6.50	-		843.94	-			
	2/2/2017	-	6.76	-		843.68	-			
	1/5/2017	10.49	10.50	0.01		839.94	839.95			
	12/21/2016	-	12.46	-		837.98	-			
	10/17/2016	-	11.42	-		839.02	-			
	9/9/2016	-	9.38	-		841.06	-			
TW-84				851.22						
	3/2/2017	7.10	7.15	0.05		844.07	844.10			
	2/2/2017	7.44	7.70	0.26		843.52	843.71			
	1/5/2017	11.74	12.28	0.54		838.94	839.33			
	12/21/2016	-	12.36	-		838.86	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	10.56	11.93	1.37		839.29	840.29			
TW-85				843.49						
	3/2/2017	-	15.21	-		828.28	-			
	2/2/2017	-	15.13	-		828.36	-			
	1/5/2017	-	17.15	-		826.34	-			
	12/21/2016	-	17.84	-		825.65	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	14.22	-		829.27	-			
TW-86				853.10						
	3/2/2017	-	5.65	-		847.45	-			
	2/2/2017	-	5.60	-		847.50	-			
	1/5/2017	-	5.55	-		847.55	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	5.54	-		847.56	-			
TW-87				852.25						
	3/2/2017	-	6.75	-		845.50	-			
	2/2/2017	-	DRY	-		-	-			
	1/5/2017	-	DRY	-		-	-			
	12/21/2016	-	DRY	-		-	-			
	10/17/2016	-	DRY	-		-	-			
	9/9/2016	-	DRY	-		-	-			
TW-90				845.43						
	3/2/2017	-	17.35	-		828.08	-			
	2/2/2017	-	17.72	-		827.71	-			
	1/5/2017	-	18.14	-		827.29	-			
	12/21/2016	-	18.41	-		827.02	-			
	10/17/2016	-	16.10	-		829.33	-			
	9/9/2016	-	13.05	-		832.38	-			
TW-94				840.58						
	3/2/2017	10.75	10.85	0.10		829.73	829.81			
	2/2/2017	10.95	11.35	0.40		829.23	829.53			
	1/5/2017	12.95	13.38	0.43		827.20	827.52			
	12/21/2016	14.15	14.85	0.70		825.73	826.25			
	10/17/2016	11.78	12.44	0.66		828.14	828.63			
	9/9/2016	10.05	10.70	0.65		829.88	830.36			
TW-96				840.40						
	3/2/2017	-	12.12	-		828.28	-			

Table 5. Groundwater Elevation and Product Thickness Data

Plantation Pipe Line Company

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location ID	Date	Depth to Product (ft BTOC)	Depth to Water (ft BTOC)	Product Thickness (ft)	Top of Casing Elevation ^{1,2} (ft amsl)	Groundwater Elevation (ft amsl)	Corrected ³ Groundwater Elevation (ft amsl)	Date of Product Evacuation	Start Time	Finish Time
TW-96 (cont'd)	2/2/2017	-	12.92	-	-	827.48	-			
	1/5/2017	-	14.93	-	-	825.47	-			
	12/21/2016	-	15.61	-	-	824.79	-			
	10/17/2016	-	13.40	-	-	827.00	-			
	9/9/2016	-	10.60	-	-	829.80	-			

Notes:

1. Elevation of zero mark (ft amsl) for surface water staff gauges

2. "RS-" and "RT-" features were trimmed to less than 12 inches above ground surface on 3/14/2017. Only the resurveyed top of casing elevation after trimming is displayed. Groundwater elevation calculations are based on the true top of casing elevation at the time of gauging.

3. Calculated based on an oil:water density ratio of 0.73

Bold indicates the gauged product thickness was greater than 0.5 feet.

amsl = above mean sea level

BTOC = below top of casing

ft = feet

NM = not measured. The following features are no longer reliable for calculating groundwater elevation:

- RS-19 was damaged on or about January 20, 2017.
- RT-2H was covered over on or about January 17, 2017, due to construction efforts in the vicinity.
- TW-46 was damaged on or about December 8, 2016.

Table 6. Analytical Results for Groundwater

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-12	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/13/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/20/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/31/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
MW-12B	MW-12B-113016	11/30/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-12B-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-12B-031417-FD	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-12B-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-12B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-15	MW-15-120716	12/7/2016	µg/L	3,680	139	422	2,280	25 U	188	43.8	--
	MW-15-031417	3/14/2017	µg/L	1,960	72	324	1,320	25 U	161	125 U	--
	MW-15-031417-FD	3/14/2017	µg/L	1,820	61	286	1,120	25 U	153	125 U	--
	MW-15-032017	3/20/2017	µg/L	3,390	103	505	2,460	50 U	194	250 U	--
	MW-15-033117	3/31/2017	µg/L	2,850	65.4	444	1,860	20 U	221	100 U	--
MW-15B	MW-15B-113016	11/30/2016	µg/L	337	34	565	194	5 U	26.7	5	--
	MW-15B-031417	3/14/2017	µg/L	2,160	248	4,580	1,500	100 U	118	500 U	--
	MW-15B-032017	3/20/2017	µg/L	615	88.6	1,270	555	25 U	67.5	125 U	--
	MW-15B-033117	3/31/2017	µg/L	1,630	205	3,240	1,180	50 U	115	250 U	--
MW-17	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
MW-17B	MW-17B-120116	12/1/2016	µg/L	9,370	761	16,900	4,500	100 U	954	112	--
	MW-17B-031317	3/13/2017	µg/L	7,350	770	14,100	4,510	200 U	944	1,000 U	--
	MW-17B-032017	3/20/2017	µg/L	10,700	1,360	21,400	7,910	323	1,210	1,000 U	--
	MW-17B-033117	3/31/2017	µg/L	9,190	900	17,500	5,910	100 U	1,200	500 U	--
	MW-17B-033117FD	3/31/2017	µg/L	9,190	956	18,200	6,330	100 U	1,210	500 U	--
MW-19	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/20/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/31/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
MW-20	--	11/28/2016	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/13/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/20/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
	--	3/31/2017	--	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP	NS-FP
MW-21	MW-21-112916	11/29/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-21-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-21-032117	3/21/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-21-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--

Table 6. Analytical Results for Groundwater

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-23	MW-23-120216	12/2/2016	µg/L	450	5 U	14.6	336	5 U	46.4	5.9	--
	MW-23-031317	3/13/2017	µg/L	709	5 U	23.1	548	5 U	127	25 U	--
	MW-23-032017	3/20/2017	µg/L	642	10 U	12.7	579	10 U	108	50 U	--
	MW-23-032017-FD	3/20/2017	µg/L	620	10 U	12.0	548	10 U	110	50 U	--
	MW-23-033117	3/31/2017	µg/L	685	10 U	16.5	624	10 U	130	50 U	--
MW-23B	MW-23B-120216	12/2/2016	µg/L	1 U	1.4	3.5	11.0	1 U	1 U	1.3	--
	MW-23B-031317	3/13/2017	µg/L	1 U	1.11	2.63	8.86	1 U	1 U	5 U	--
	MW-23B-032017	3/20/2017	µg/L	1 U	1.55	2.98	11.7	1 U	1 U	5 U	--
	MW-23B-033117	3/31/2017	µg/L	1 U	1.24	2.41	8.86	1 U	1 U	5 U	--
MW-25	MW-25-012716	12/1/2016	µg/L	675	30.2	15.3	619	5 U	5.9	29.7	--
	MW-25-031417	3/14/2017	µg/L	62.7	28.6	10.1	668	10 U	10 U	50 U	--
	MW-25-032017	3/20/2017	µg/L	604	20.4	20 U	680	20 U	20 U	100 U	--
	MW-25-033117	3/31/2017	µg/L	673	30.1	12	736	10 U	10 U	50 U	--
	MW-25-033117FD	3/31/2017	µg/L	790	35.4	12.5	861	10 U	10 U	50 U	--
MW-25B	MW-25B-120116	12/1/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-25B-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-25B-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-25B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-26	MW-26-120116	12/1/2016	µg/L	1 U	1 U	2.3	1 U	1 U	1 U	1 U	--
	MW-26-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-26B	MW-26B-120116	12/1/2016	µg/L	1 U	1 U	1 U	1.3	1 U	1 U	1 U	--
	MW-26B-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26B-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-26B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-28	--	11/28/2016	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	MW-28-031517	3/15/2017	--	1,120	68.9	3,350	1,370	50 U	50 U	250 U	NS-IW
	--	3/20/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/31/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
MW-29	MW-29-112916	11/29/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-29-031317	3/13/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-29-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-29-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-34	MW-34-031517	3/15/2017	--	978	33.0	143	218	10 U	157	50 U	--
	MW-34-032017	3/20/2017	µg/L	801	10.0 U	113	305	10 U	149	50 U	--
	MW-34-033117	3/31/2017	µg/L	728	10.0 U	81.4	224	10 U	152	50 U	--

Table 6. Analytical Results for Groundwater

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte: Units	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
MW-35	MW-35-120116	12/1/2016	µg/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW-35-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-35-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-35-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
MW-38	MW-38-113016	11/30/2016	µg/L	1 U	1 U	1 U	1 U	1 U	5.5	1 U	--
	MW-38-031417	3/14/2017	µg/L	1 U	1 U	1 U	3 U	1 U	9.14	5 U	--
	MW-38-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	7.55	5 U	--
	MW-38-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	10.2	5 U	--
MW-39	MW-39-120716	12/7/2016	µg/L	6,320	682	1,290	3,650	50 U	311	86	--
	MW-39-031417	3/14/2017	µg/L	6,370	431	2,200	3,700	10 U	199	117	--
	MW-39-032017	3/20/2017	µg/L	7,340	704	2,990	4,050	100 U	248	500 U	--
	MW-39-033117	3/31/2017	µg/L	7,540	899	3,140	4,400	50 U	272	250 U	--
MW-40	MW-40-120716	12/7/2016	µg/L	6,730	588	7,460	3,390	50 U	373	64.8	--
	MW-40-031417	3/14/2017	µg/L	11,600	1,280	16,100	7,260	50 U	691	250 U	--
	MW-40-032017	3/20/2017	µg/L	12,300	1,330	19,600	7,500	200 U	654	1000 U	--
	MW-40-033117	3/31/2017	µg/L	13,300	1,500	19,500	8,070	100 U	727	500 U	--
MW-41	MW-41-120716	12/7/2016	µg/L	212	2 U	2 U	155	2 U	6.7	5.6	--
	MW-41-031417	3/14/2017	µg/L	469	1.78	1 U	275	1 U	4.34	18.1	--
	MW-41-032017	3/20/2017	µg/L	424	2.62	1 U	342	1 U	1 U	16.9	--
	MW-41-033117	3/31/2017	µg/L	449	5 U	5 U	343	5 U	5 U	25 U	--
MW-42	MW-42-120716	12/7/2016	µg/L	3.8	1 U	1 U	2.7	1 U	1 U	1 U	--
	MW-42-031417	3/14/2017	µg/L	19.3	1 U	1 U	3 U	1 U	1.12	5 U	--
	MW-42-032017	3/20/2017	µg/L	59.6	1 U	1 U	16.9	1 U	1.24	5 U	--
	MW-42-033117	3/31/2017	µg/L	135	1 U	1 U	73.8	1 U	1 U	5.19	--
MW-45	--	3/13/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/20/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
	--	3/31/2017	--	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW	NS-IW
MW-45B	MW-45B-031317	3/13/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-45B-032017	3/20/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
	MW-45B-033117	3/31/2017	µg/L	1 U	1 U	1 U	3 U	1 U	1 U	5 U	--
RBSL^a: µg/L				5.0	700	1,000	10,000	5.0	40	25	0.05

Notes:

^a RBSL = Risk-based screening levels identified in South Carolina Underground Storage Tank Management Division Programmatic Quality Assurance Program Plan,

Revision 3, Table D1 "RBSLs for Groundwater", May 2015

Samples analyzed by EPA Methods SW 8260B and 8011

µg/L = microgram(s) per liter

1,2-DCA = 1,2-dichloroethane

EDB = 1,2-dibromoethane

Table 6. Analytical Results for Groundwater

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Sample Date	Analyte:	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2-DCA	MTBE	Naphthalene	EDB
			Units								

ID = identification

MTBE = methyl tertiary butyl ether

NS-FP = sample not collected due to the presence of free product in the well

NS-IW = sample not collected due to insufficient volume of water in well

U = analyte was not detected above the reported sample quantitation limit

Bold indicates the analyte was detected above the method detection limit.

Gray shading indicates the analyte exceeded RBSLs.

¹ The analyte was analyzed for, but was not detected above the laboratory reporting/quantitation limit. However, the laboratory reporting/quantitation limit is above the screening criteria. The actual absence or presence of this analyte between the screening criteria and the laboratory reporting/quantitation limit can not be determined.

Table 7. Analytical Results for Surface Water

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Analyte: Units	Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-01	SW01-022817	2/28/2017	µg/L	18.5	1.93	37.0	13.8	10.2	5 U ¹	NA
	SW01-031517	3/15/2017	µg/L	3.02	1 U	5.13	2.16	1.74	5 U ¹	NA
	SW01-032117	3/21/2017	µg/L	1 U	1 U	1.57	2 U	1 U	5 U ¹	NA
	SW01-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
SW-02	SW02-022817	2/28/2017	µg/L	10.7	1 U	11.0	4.14	4.23	5 U ¹	NA
	SW02-031517	3/15/2017	µg/L	11.4	1 U	8.6	4.45	3.6	5 U ¹	NA
	SW02-032117	3/21/2017	µg/L	8.42	1 U	2.45	2.48	2.68	5 U ¹	NA
	SW02-033017	3/30/2017	µg/L	2.18	1 U	1 U	2 U	1 U	5 U ¹	NA
SW-03	SW03-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW03-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW03-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW03-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
SW-04	SW04-022817	2/28/2017	µg/L	1 U	1 U	1.13	2 U	1 U	5 U ¹	NA
	SW04-031517	3/15/2017	µg/L	1 U	1 U	2.90	2 U	1 U	5 U ¹	NA
	SW04-032117	3/21/2017	µg/L	1 U	1 U	3.28	2 U	1 U	5 U ¹	NA
	SW04-033017	3/30/2017	µg/L	1 U	1 U	6.15	2 U	1 U	5 U ¹	NA
SW-07	SW07-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW07-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW07-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
SW-08	SW08-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW08-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW08-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW08-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
SW-09	SW09-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW09-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW09-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW09-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
SW-10	SW10-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW10-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW-10-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW-10-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA

Table 7. Analytical Results for Surface Water

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Analyte: Units	Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
SW-11	SW11-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW11-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW-11-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW-11-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
SW-12	SW12-022817	2/28/2017	µg/L	26.1	4.04	62.3	18.0	9.73	5 U ¹	NA
	SW12-031517	3/15/2017	µg/L	125	15.3	185	67.9	35.5	5 U ¹	NA
	SW12-032117	3/21/2017	µg/L	134	12.1	45.0	60.8	33.6	5 U ¹	NA
	SW12-033017	3/30/2017	µg/L	48.5	5.69	86.3	27.7	15.8	5 U ¹	NA
SW-13	SW13-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW13-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW13-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	SW13-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
FP-01	FP01-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	FP01-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	FP-01-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	FP-01-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
FP-02	FP02-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	FP02-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	FP-02-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	FP-02-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
FP-03	FP03-022817	2/28/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	FP03-031517	3/15/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	FP-03-032117	3/21/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
	FP-03-033017	3/30/2017	µg/L	1 U	1 U	1 U	2 U	1 U	5 U ¹	NA
Screening Value:			µg/L	2.2 ^a	530 ^a	1,000 ^a	190 ^{b,c}	190 ^b	0.17 ^b	14 ^b

Notes:

^a South Carolina Department of Health and Environmental Control (SC DHEC) R.61-68, Water Classifications and Standards, Human Health for consumption of water and organism, June 22, 2012

^b U.S. Environmental Protection Agency (EPA) Regional Screening Levels (RSLs). Tapwater. June 2015. RSLs based on hazard quotient (HQ) = 1 and cancer risk = 1 x 10⁻⁶

^c RSL value for total xylenes used for m&p-Xylene

¹ The analyte was analyzed for, but was not detected above the laboratory reporting/quantitation limit. However, the laboratory reporting/quantitation limit is above the screening criteria. The actual absence or presence of this analyte between the screening criteria and the laboratory reporting/quantitation limit can not be determined.

Samples analyzed for volatile organic compounds by EPA method SW 8260B

ID = identification

J = estimated value between method detection limit and the reporting limit

MTBE = methyl tertiary butyl ether

Table 7. Analytical Results for Surface Water

Lewis Drive Remediation, Belton, South Carolina

Site ID #18693 "Kinder Morgan Belton Pipeline Release"

Location	Sample ID	Date Collected	Analyte: Units	Benzene	Ethylbenzene	Toluene	m&p-Xylene	o-Xylene	Naphthalene	MTBE
-----------------	------------------	-----------------------	-----------------------	----------------	---------------------	----------------	-----------------------	-----------------	--------------------	-------------

NA = not analyzed

U = analyte was not detected above the reported sample quantitation limit

µg/L = microgram(s) per liter

Bold indicates the analyte was detected above the laboratory reporting/quantitation limit.

Gray shading indicates the analyte exceeded screening criteria.

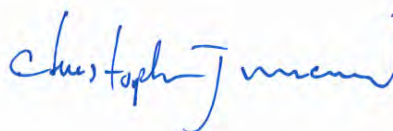
Groundwater Analytical Lab Reports

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L899822
Samples Received: 04/01/2017
Project Number:
Description: Lewis Drive Site

Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Entire Report Reviewed By:



Chris McCord
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

SAMPLE SUMMARY



MW-17B-033117 L899822-01 GW						Collected by JM / MW	Collected date/time 03/31/17 08:00	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	100	04/10/17 10:27	04/10/17 10:27	JAH			
MW-17B-033117FD L899822-02 GW						Collected by JM / MW	Collected date/time 03/31/17 08:05	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	100	04/10/17 10:40	04/10/17 10:40	JAH			
MW-23-033117 L899822-03 GW						Collected by JM / MW	Collected date/time 03/31/17 08:20	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 10:53	04/10/17 10:53	JAH			
MW-23B-033117 L899822-04 GW						Collected by JM / MW	Collected date/time 03/31/17 08:30	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 08:31	04/10/17 08:31	JAH			
MW-26-033117 L899822-05 GW						Collected by JM / MW	Collected date/time 03/31/17 08:45	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 08:44	04/10/17 08:44	JAH			
MW-26B-033117 L899822-06 GW						Collected by JM / MW	Collected date/time 03/31/17 08:55	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 08:57	04/10/17 08:57	JAH			
MW-29-033117 L899822-07 GW						Collected by JM / MW	Collected date/time 03/31/17 09:05	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 09:10	04/10/17 09:10	JAH			
MW-45B-033117 L899822-08 GW						Collected by JM / MW	Collected date/time 03/31/17 09:30	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 09:22	04/10/17 09:22	JAH			

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

SAMPLE SUMMARY



Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
MW-15B-033117 L899822-09 GW					
			Collected by JM / MW	Collected date/time 03/31/17 10:10	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	50	04/10/17 11:05	04/10/17 11:05	JAH
MW-15-033117 L899822-10 GW					
			Collected by JM / MW	Collected date/time 03/31/17 10:25	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	20	04/10/17 11:18	04/10/17 11:18	JAH
MW-34-033117 L899822-11 GW					
			Collected by JM / MW	Collected date/time 03/31/17 10:45	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 11:31	04/10/17 11:31	JAH
MW- 39-033117 L899822-12 GW					
			Collected by JM / MW	Collected date/time 03/31/17 10:55	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	50	04/10/17 11:44	04/10/17 11:44	JAH
MW- 40-033117 L899822-13 GW					
			Collected by JM / MW	Collected date/time 03/31/17 11:00	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	100	04/10/17 11:57	04/10/17 11:57	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	500	04/10/17 16:02	04/10/17 16:02	JAH
MW-35 -033117 L899822-14 GW					
			Collected by JM / MW	Collected date/time 03/31/17 11:20	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 09:35	04/10/17 09:35	JAH
MW-25 -033117 L899822-15 GW					
			Collected by JM / MW	Collected date/time 03/31/17 11:30	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 12:10	04/10/17 12:10	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 15:36	04/10/17 15:36	JAH
MW- 25-033117FD L899822-16 GW					
			Collected by JM / MW	Collected date/time 03/31/17 11:35	Received date/time 04/01/17 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 12:23	04/10/17 12:23	JAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	10	04/10/17 15:49	04/10/17 15:49	JAH

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

SAMPLE SUMMARY



MW-25B -033117 L899822-17 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW				Collected date/time 03/31/17 11:45	Received date/time 04/01/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 09:48	04/10/17 09:48	JAH

1 Cp

2 Tc

MW-42 -033117 L899822-18 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW				Collected date/time 03/31/17 11:55	Received date/time 04/01/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 10:01	04/10/17 10:01	JAH

3 Ss

4 Cn

MW- 41-033117 L899822-19 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW				Collected date/time 03/31/17 12:00	Received date/time 04/01/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	5	04/10/17 12:36	04/10/17 12:36	JAH

5 Sr

6 Qc

MW- 12B-033117 L899822-20 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW				Collected date/time 03/31/17 12:10	Received date/time 04/01/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968202	1	04/10/17 10:14	04/10/17 10:14	JAH

7 Gl

8 Al

MW-38 -033117 L899822-21 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW				Collected date/time 03/31/17 13:40	Received date/time 04/01/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968894	1	04/10/17 16:28	04/10/17 16:28	JHH

9 Sc

MW-02B -033117 L899822-22 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW				Collected date/time 03/31/17 14:35	Received date/time 04/01/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968894	1	04/10/17 16:40	04/10/17 16:40	JHH

MW- 21-033117 L899822-23 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW				Collected date/time 03/31/17 15:20	Received date/time 04/01/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968894	1	04/10/17 16:53	04/10/17 16:53	JHH

FB-01-033117 L899822-24 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / MW				Collected date/time 03/31/17 16:40	Received date/time 04/01/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968894	1	04/10/17 17:06	04/10/17 17:06	JHH

SAMPLE SUMMARY



TB-01 -033117 L899822-26 GW

Collected by
JM / MW

Collected date/time
03/31/17 15:20

Received date/time
04/01/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG968894	1	04/10/17 14:28	04/10/17 14:28	JAH

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Technical Service Representative

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	9190		100	100	04/10/2017 10:27	WG968202
Toluene	17500		100	100	04/10/2017 10:27	WG968202
Ethylbenzene	900		100	100	04/10/2017 10:27	WG968202
Total Xylenes	5910		300	100	04/10/2017 10:27	WG968202
Methyl tert-butyl ether	1200		100	100	04/10/2017 10:27	WG968202
Naphthalene	ND		500	100	04/10/2017 10:27	WG968202
1,2-Dichloroethane	ND		100	100	04/10/2017 10:27	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 10:27	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 10:27	WG968202
(S) 4-Bromofluorobenzene	97.5		80.0-120		04/10/2017 10:27	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	9190		100	100	04/10/2017 10:40	WG968202
Toluene	18200		100	100	04/10/2017 10:40	WG968202
Ethylbenzene	956		100	100	04/10/2017 10:40	WG968202
Total Xylenes	6330		300	100	04/10/2017 10:40	WG968202
Methyl tert-butyl ether	1210		100	100	04/10/2017 10:40	WG968202
Naphthalene	ND		500	100	04/10/2017 10:40	WG968202
1,2-Dichloroethane	ND		100	100	04/10/2017 10:40	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 10:40	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 10:40	WG968202
(S) 4-Bromofluorobenzene	99.0		80.0-120		04/10/2017 10:40	WG968202

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	685		10.0	10	04/10/2017 10:53	WG968202
Toluene	16.5		10.0	10	04/10/2017 10:53	WG968202
Ethylbenzene	ND		10.0	10	04/10/2017 10:53	WG968202
Total Xylenes	624		30.0	10	04/10/2017 10:53	WG968202
Methyl tert-butyl ether	130		10.0	10	04/10/2017 10:53	WG968202
Naphthalene	ND		50.0	10	04/10/2017 10:53	WG968202
1,2-Dichloroethane	ND		10.0	10	04/10/2017 10:53	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 10:53	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 10:53	WG968202
(S) 4-Bromofluorobenzene	97.1		80.0-120		04/10/2017 10:53	WG968202

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 08:31	WG968202
Toluene	2.41		1.00	1	04/10/2017 08:31	WG968202
Ethylbenzene	1.24		1.00	1	04/10/2017 08:31	WG968202
Total Xylenes	8.86		3.00	1	04/10/2017 08:31	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 08:31	WG968202
Naphthalene	ND		5.00	1	04/10/2017 08:31	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 08:31	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 08:31	WG968202
(S) Dibromofluoromethane	101		76.0-123		04/10/2017 08:31	WG968202
(S) 4-Bromofluorobenzene	104		80.0-120		04/10/2017 08:31	WG968202

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 08:44	WG968202
Toluene	ND		1.00	1	04/10/2017 08:44	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 08:44	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 08:44	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 08:44	WG968202
Naphthalene	ND		5.00	1	04/10/2017 08:44	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 08:44	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 08:44	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 08:44	WG968202
(S) 4-Bromofluorobenzene	99.2		80.0-120		04/10/2017 08:44	WG968202

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 08:57	WG968202
Toluene	ND		1.00	1	04/10/2017 08:57	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 08:57	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 08:57	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 08:57	WG968202
Naphthalene	ND		5.00	1	04/10/2017 08:57	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 08:57	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 08:57	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 08:57	WG968202
(S) 4-Bromofluorobenzene	97.2		80.0-120		04/10/2017 08:57	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 09:10	WG968202
Toluene	ND		1.00	1	04/10/2017 09:10	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 09:10	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 09:10	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 09:10	WG968202
Naphthalene	ND		5.00	1	04/10/2017 09:10	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 09:10	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 09:10	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 09:10	WG968202
(S) 4-Bromofluorobenzene	98.2		80.0-120		04/10/2017 09:10	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 09:22	WG968202
Toluene	ND		1.00	1	04/10/2017 09:22	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 09:22	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 09:22	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 09:22	WG968202
Naphthalene	ND		5.00	1	04/10/2017 09:22	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 09:22	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 09:22	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 09:22	WG968202
(S) 4-Bromofluorobenzene	99.1		80.0-120		04/10/2017 09:22	WG968202

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	1630		50.0	50	04/10/2017 11:05	WG968202
Toluene	3240		50.0	50	04/10/2017 11:05	WG968202
Ethylbenzene	205		50.0	50	04/10/2017 11:05	WG968202
Total Xylenes	1180		150	50	04/10/2017 11:05	WG968202
Methyl tert-butyl ether	115		50.0	50	04/10/2017 11:05	WG968202
Naphthalene	ND		250	50	04/10/2017 11:05	WG968202
1,2-Dichloroethane	ND		50.0	50	04/10/2017 11:05	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 11:05	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 11:05	WG968202
(S) 4-Bromofluorobenzene	96.7		80.0-120		04/10/2017 11:05	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2850		20.0	20	04/10/2017 11:18	WG968202
Toluene	444		20.0	20	04/10/2017 11:18	WG968202
Ethylbenzene	65.4		20.0	20	04/10/2017 11:18	WG968202
Total Xylenes	1860		60.0	20	04/10/2017 11:18	WG968202
Methyl tert-butyl ether	221		20.0	20	04/10/2017 11:18	WG968202
Naphthalene	ND		100	20	04/10/2017 11:18	WG968202
1,2-Dichloroethane	ND		20.0	20	04/10/2017 11:18	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 11:18	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 11:18	WG968202
(S) 4-Bromofluorobenzene	98.0		80.0-120		04/10/2017 11:18	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	728		10.0	10	04/10/2017 11:31	WG968202
Toluene	81.4		10.0	10	04/10/2017 11:31	WG968202
Ethylbenzene	ND		10.0	10	04/10/2017 11:31	WG968202
Total Xylenes	224		30.0	10	04/10/2017 11:31	WG968202
Methyl tert-butyl ether	152		10.0	10	04/10/2017 11:31	WG968202
Naphthalene	ND		50.0	10	04/10/2017 11:31	WG968202
1,2-Dichloroethane	ND		10.0	10	04/10/2017 11:31	WG968202
(S) Toluene-d8	104		80.0-120		04/10/2017 11:31	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 11:31	WG968202
(S) 4-Bromofluorobenzene	98.8		80.0-120		04/10/2017 11:31	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	7540		50.0	50	04/10/2017 11:44	WG968202
Toluene	3140		50.0	50	04/10/2017 11:44	WG968202
Ethylbenzene	899		50.0	50	04/10/2017 11:44	WG968202
Total Xylenes	4400		150	50	04/10/2017 11:44	WG968202
Methyl tert-butyl ether	272		50.0	50	04/10/2017 11:44	WG968202
Naphthalene	ND		250	50	04/10/2017 11:44	WG968202
1,2-Dichloroethane	ND		50.0	50	04/10/2017 11:44	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 11:44	WG968202
(S) Dibromofluoromethane	102		76.0-123		04/10/2017 11:44	WG968202
(S) 4-Bromofluorobenzene	96.9		80.0-120		04/10/2017 11:44	WG968202

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	13300		100	100	04/10/2017 11:57	WG968202
Toluene	19500		500	500	04/10/2017 16:02	WG968202
Ethylbenzene	1500		100	100	04/10/2017 11:57	WG968202
Total Xylenes	8070		300	100	04/10/2017 11:57	WG968202
Methyl tert-butyl ether	727		100	100	04/10/2017 11:57	WG968202
Naphthalene	ND		500	100	04/10/2017 11:57	WG968202
1,2-Dichloroethane	ND		100	100	04/10/2017 11:57	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 11:57	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 16:02	WG968202
(S) Dibromofluoromethane	102		76.0-123		04/10/2017 11:57	WG968202
(S) Dibromofluoromethane	105		76.0-123		04/10/2017 16:02	WG968202
(S) 4-Bromofluorobenzene	97.3		80.0-120		04/10/2017 16:02	WG968202
(S) 4-Bromofluorobenzene	97.9		80.0-120		04/10/2017 11:57	WG968202

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 09:35	WG968202
Toluene	ND		1.00	1	04/10/2017 09:35	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 09:35	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 09:35	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 09:35	WG968202
Naphthalene	ND		5.00	1	04/10/2017 09:35	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 09:35	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 09:35	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 09:35	WG968202
(S) 4-Bromofluorobenzene	99.6		80.0-120		04/10/2017 09:35	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	673		10.0	10	04/10/2017 12:10	WG968202
Toluene	12.0		10.0	10	04/10/2017 15:36	WG968202
Ethylbenzene	30.1		10.0	10	04/10/2017 12:10	WG968202
Total Xylenes	736		30.0	10	04/10/2017 12:10	WG968202
Methyl tert-butyl ether	ND		10.0	10	04/10/2017 12:10	WG968202
Naphthalene	ND		50.0	10	04/10/2017 12:10	WG968202
1,2-Dichloroethane	ND		10.0	10	04/10/2017 12:10	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 15:36	WG968202
(S) Toluene-d8	104		80.0-120		04/10/2017 12:10	WG968202
(S) Dibromofluoromethane	105		76.0-123		04/10/2017 12:10	WG968202
(S) Dibromofluoromethane	106		76.0-123		04/10/2017 15:36	WG968202
(S) 4-Bromofluorobenzene	98.8		80.0-120		04/10/2017 15:36	WG968202
(S) 4-Bromofluorobenzene	99.3		80.0-120		04/10/2017 12:10	WG968202

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	790		10.0	10	04/10/2017 12:23	WG968202
Toluene	12.5		10.0	10	04/10/2017 15:49	WG968202
Ethylbenzene	35.4		10.0	10	04/10/2017 12:23	WG968202
Total Xylenes	861		30.0	10	04/10/2017 12:23	WG968202
Methyl tert-butyl ether	ND		10.0	10	04/10/2017 12:23	WG968202
Naphthalene	ND		50.0	10	04/10/2017 12:23	WG968202
1,2-Dichloroethane	ND		10.0	10	04/10/2017 12:23	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 15:49	WG968202
(S) Toluene-d8	104		80.0-120		04/10/2017 12:23	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 15:49	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 12:23	WG968202
(S) 4-Bromofluorobenzene	97.4		80.0-120		04/10/2017 12:23	WG968202
(S) 4-Bromofluorobenzene	98.4		80.0-120		04/10/2017 15:49	WG968202

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 09:48	WG968202
Toluene	ND		1.00	1	04/10/2017 09:48	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 09:48	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 09:48	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 09:48	WG968202
Naphthalene	ND		5.00	1	04/10/2017 09:48	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 09:48	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 09:48	WG968202
(S) Dibromofluoromethane	106		76.0-123		04/10/2017 09:48	WG968202
(S) 4-Bromofluorobenzene	95.4		80.0-120		04/10/2017 09:48	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	135		1.00	1	04/10/2017 10:01	WG968202
Toluene	ND		1.00	1	04/10/2017 10:01	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 10:01	WG968202
Total Xylenes	73.8		3.00	1	04/10/2017 10:01	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 10:01	WG968202
Naphthalene	5.19		5.00	1	04/10/2017 10:01	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 10:01	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 10:01	WG968202
(S) Dibromofluoromethane	102		76.0-123		04/10/2017 10:01	WG968202
(S) 4-Bromofluorobenzene	99.5		80.0-120		04/10/2017 10:01	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	449		5.00	5	04/10/2017 12:36	WG968202
Toluene	ND		5.00	5	04/10/2017 12:36	WG968202
Ethylbenzene	ND		5.00	5	04/10/2017 12:36	WG968202
Total Xylenes	343		15.0	5	04/10/2017 12:36	WG968202
Methyl tert-butyl ether	ND		5.00	5	04/10/2017 12:36	WG968202
Naphthalene	ND		25.0	5	04/10/2017 12:36	WG968202
1,2-Dichloroethane	ND		5.00	5	04/10/2017 12:36	WG968202
(S) Toluene-d8	102		80.0-120		04/10/2017 12:36	WG968202
(S) Dibromofluoromethane	103		76.0-123		04/10/2017 12:36	WG968202
(S) 4-Bromofluorobenzene	97.4		80.0-120		04/10/2017 12:36	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 10:14	WG968202
Toluene	ND		1.00	1	04/10/2017 10:14	WG968202
Ethylbenzene	ND		1.00	1	04/10/2017 10:14	WG968202
Total Xylenes	ND		3.00	1	04/10/2017 10:14	WG968202
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 10:14	WG968202
Naphthalene	ND		5.00	1	04/10/2017 10:14	WG968202
1,2-Dichloroethane	ND		1.00	1	04/10/2017 10:14	WG968202
(S) Toluene-d8	103		80.0-120		04/10/2017 10:14	WG968202
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 10:14	WG968202
(S) 4-Bromofluorobenzene	98.7		80.0-120		04/10/2017 10:14	WG968202

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 16:28	WG968894
Toluene	ND		1.00	1	04/10/2017 16:28	WG968894
Ethylbenzene	ND		1.00	1	04/10/2017 16:28	WG968894
Total Xylenes	ND		3.00	1	04/10/2017 16:28	WG968894
Methyl tert-butyl ether	10.2		1.00	1	04/10/2017 16:28	WG968894
Naphthalene	ND		5.00	1	04/10/2017 16:28	WG968894
1,2-Dichloroethane	ND		1.00	1	04/10/2017 16:28	WG968894
(S) Toluene-d8	103		80.0-120		04/10/2017 16:28	WG968894
(S) Dibromofluoromethane	105		76.0-123		04/10/2017 16:28	WG968894
(S) 4-Bromofluorobenzene	98.2		80.0-120		04/10/2017 16:28	WG968894

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 16:40	WG968894
Toluene	ND		1.00	1	04/10/2017 16:40	WG968894
Ethylbenzene	ND		1.00	1	04/10/2017 16:40	WG968894
Total Xylenes	ND		3.00	1	04/10/2017 16:40	WG968894
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 16:40	WG968894
Naphthalene	ND		5.00	1	04/10/2017 16:40	WG968894
1,2-Dichloroethane	ND		1.00	1	04/10/2017 16:40	WG968894
(S) Toluene-d8	103		80.0-120		04/10/2017 16:40	WG968894
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 16:40	WG968894
(S) 4-Bromofluorobenzene	97.4		80.0-120		04/10/2017 16:40	WG968894

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 16:53	WG968894
Toluene	ND		1.00	1	04/10/2017 16:53	WG968894
Ethylbenzene	ND		1.00	1	04/10/2017 16:53	WG968894
Total Xylenes	ND		3.00	1	04/10/2017 16:53	WG968894
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 16:53	WG968894
Naphthalene	ND		5.00	1	04/10/2017 16:53	WG968894
1,2-Dichloroethane	ND		1.00	1	04/10/2017 16:53	WG968894
(S) Toluene-d8	103		80.0-120		04/10/2017 16:53	WG968894
(S) Dibromofluoromethane	104		76.0-123		04/10/2017 16:53	WG968894
(S) 4-Bromofluorobenzene	96.6		80.0-120		04/10/2017 16:53	WG968894

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 17:06	WG968894
Toluene	ND		1.00	1	04/10/2017 17:06	WG968894
Ethylbenzene	ND		1.00	1	04/10/2017 17:06	WG968894
Total Xylenes	ND		3.00	1	04/10/2017 17:06	WG968894
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 17:06	WG968894
Naphthalene	ND		5.00	1	04/10/2017 17:06	WG968894
1,2-Dichloroethane	ND		1.00	1	04/10/2017 17:06	WG968894
(S) Toluene-d8	104		80.0-120		04/10/2017 17:06	WG968894
(S) Dibromofluoromethane	105		76.0-123		04/10/2017 17:06	WG968894
(S) 4-Bromofluorobenzene	99.2		80.0-120		04/10/2017 17:06	WG968894

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/10/2017 14:28	WG968894
Toluene	ND		1.00	1	04/10/2017 14:28	WG968894
Ethylbenzene	ND		1.00	1	04/10/2017 14:28	WG968894
Total Xylenes	ND		3.00	1	04/10/2017 14:28	WG968894
Methyl tert-butyl ether	ND		1.00	1	04/10/2017 14:28	WG968894
Naphthalene	ND		5.00	1	04/10/2017 14:28	WG968894
1,2-Dichloroethane	ND		1.00	1	04/10/2017 14:28	WG968894
(S) Toluene-d8	103		80.0-120		04/10/2017 14:28	WG968894
(S) Dibromofluoromethane	106		76.0-123		04/10/2017 14:28	WG968894
(S) 4-Bromofluorobenzene	99.6		80.0-120		04/10/2017 14:28	WG968894

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Method Blank (MB)

(MB) R3209641-3 04/10/17 05:50

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.331	1.00
1,2-Dichloroethane	U		0.361	1.00
Ethylbenzene	U		0.384	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	102			80.0-120
(S) Dibromofluoromethane	103			76.0-123
(S) 4-Bromofluorobenzene	98.4			80.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3209641-1 04/10/17 05:12 • (LCSD) R3209641-2 04/10/17 05:24

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	24.0	25.1	95.9	100	70.0-130			4.44	20
1,2-Dichloroethane	25.0	27.0	27.4	108	110	70.0-130			1.66	20
Ethylbenzene	25.0	22.3	23.9	89.3	95.6	70.0-130			6.90	20
Methyl tert-butyl ether	25.0	28.7	28.4	115	114	70.0-130			1.01	20
Naphthalene	25.0	23.0	22.5	92.0	90.1	70.0-130			2.17	20
Toluene	25.0	23.1	23.9	92.3	95.6	70.0-130			3.49	20
Xylenes, Total	75.0	67.3	70.7	89.7	94.3	70.0-130			4.93	20
(S) Toluene-d8				102	101	80.0-120				
(S) Dibromofluoromethane				104	104	76.0-123				
(S) 4-Bromofluorobenzene				95.2	97.3	80.0-120				

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3209642-3 04/10/17 14:15

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.331	1.00
1,2-Dichloroethane	U		0.361	1.00
Ethylbenzene	U		0.384	1.00
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	102			80.0-120
(S) Dibromofluoromethane	103			76.0-123
(S) 4-Bromofluorobenzene	97.9			80.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3209642-1 04/10/17 13:36 • (LCSD) R3209642-2 04/10/17 13:49

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	24.6	23.8	98.2	95.1	70.0-130			3.19	20
1,2-Dichloroethane	25.0	27.9	27.0	112	108	70.0-130			3.42	20
Ethylbenzene	25.0	22.2	21.7	89.0	86.9	70.0-130			2.30	20
Methyl tert-butyl ether	25.0	29.9	27.9	120	112	70.0-130			7.05	20
Naphthalene	25.0	22.0	21.4	87.9	85.6	70.0-130			2.58	20
Toluene	25.0	23.3	22.4	93.4	89.8	70.0-130			3.91	20
Xylenes, Total	75.0	66.7	64.8	88.9	86.4	70.0-130			2.89	20
(S) Toluene-d8				102	101	80.0-120				
(S) Dibromofluoromethane				105	104	76.0-123				
(S) 4-Bromofluorobenzene				95.8	93.4	80.0-120				



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

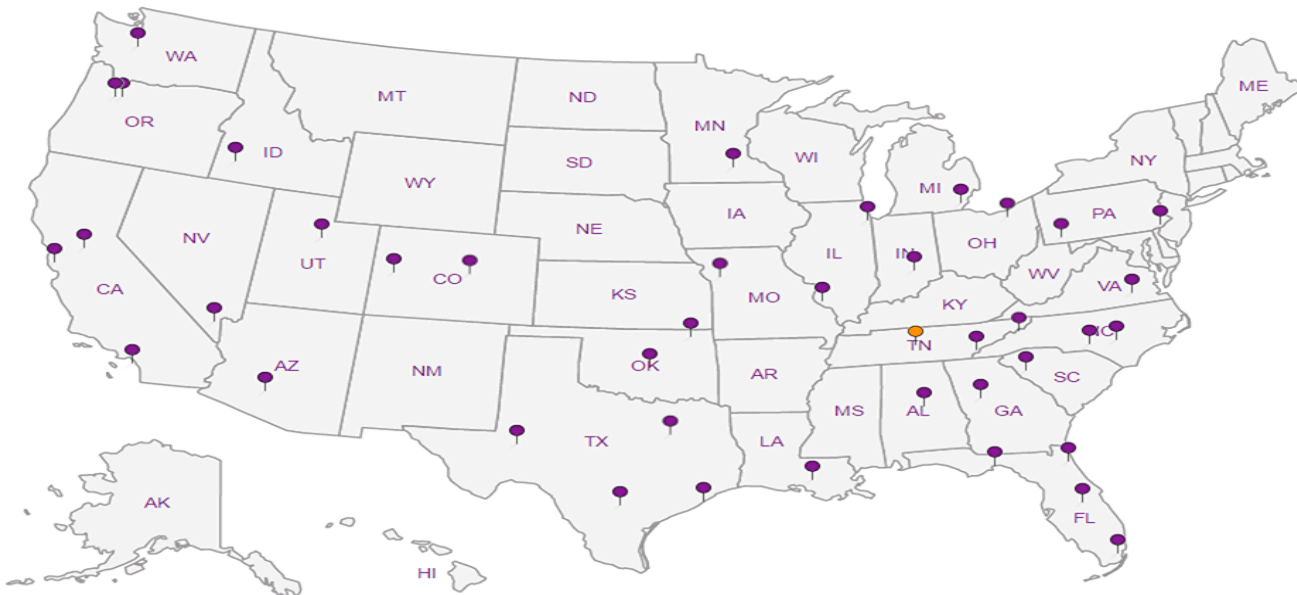
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{n/a} Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc


CH2M Hill- Atlanta, GA
 6600 Peachtree Dunwoody Road
 400 Embassy Row - Suite 600
 Atlanta GA 30328
 Report to:
Bethany Garvey

Billing Information:
Accounts Payable
 1000 Windward Concourse
 Ste 450
 Alpharetta, GA 30005
 Email To: bethany.garvey@ch2m.com

Pres Chk
 Analysis / Container / Preservative

Chain of Custody Page 2 of 3

 L.A.B S.C.I.E.N.C.E.S
 YOUR LAB OF CHOICE
 12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859


Project
 Description: **Lewis Drive Site Surface water event**
 Phone: **770-604-9182**
 Fax:
 Collected by (print):
J. MCCANN
M. WARREN
 Collected by (signature):

 Immediately
 Packed on Ice N Y

City/State
 Collected: **BELTON, SC**
 Lab Project #
KINCH2MGA-LEWIS12
 P.O. #
 Quote #
 Date Results Needed

V8260BTEXMNSC 40mlAmb-HCl
 V8260BTEXMNSC-TB 40mlAmb-HCl-BIK

L# **899822**
 Table #
 Acctnum: **KINCH2MGA**
 Template: **T121291**
 Prelogin: **P592333**
 TSR: **526 - Chris McCord**
 PB: **3-7-17**

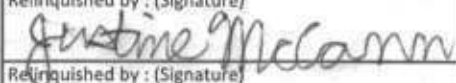
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
mw-34-033117	GRAB	GW		03/31/17	1045	3
mw-39-033117		GW			1055	3
mw-40-033117		GW			1100	3
mw-35-033117		GW			1120	3
mw-25-033117		GW			1130	3
mw-25-033117		GW			1135	3
mw-25B-033117		GW			1145	3
mw-42-033117		GW			1155	3
mw-41-033117		GW			1200	3
mw-128-033117		GW			1210	3

Remarks	Sample # (lab only)
	11
	12
	13
	14
	15
	16
	17
	18
	19
	20

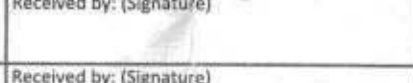
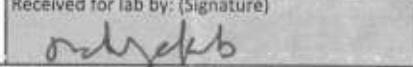
* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - Waste Water
 DW - Drinking Water
 OT - Other

Remarks: V8260BTEXMNSC includes 1,2-DCA
 Samples returned via:
 UPS FedEx Courier
 Tracking #
 pH _____ Temp _____
 Flow _____ Other _____

Sample Receipt Checklist
 COC Seal Present/Intact: NP Y N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 If Applicable
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N

Relinquished by: (Signature)

 Relinquished by: (Signature)
 Relinquished by: (Signature)

Date: **3/31/17**
 Time: **1800**

Received by: (Signature)

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


Trip Blank Received: Yes/No
 HCL / MeOH
 TBR
 Temp: **32.7°C**
1.4
 Bottles Received: **72**
 Date: **4-1-17**
 Time: **845**

If preservation required by Login: Date/Time
 Hold:
 Condition:
 NCF / OK

Surface Water Analytical Lab Reports

CH2M Hill- Kinder Morgan- Atlanta, GA

Sample Delivery Group: L899598
Samples Received: 03/31/2017
Project Number: 684910.LD.RA5J
Description: Lewis Drive Site Surface water event

Report To: Bethany Garvey
6600 Peachtree Dunwoody Road
400 Embassy Row - Suite 600
Atlanta, GA 30328

Entire Report Reviewed By:



Chris McCord
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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SAMPLE SUMMARY



SW-11-033017 L899598-01 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 22:32	04/08/17 22:32	ACE

Collected by JM / CW
 Collected date/time 03/30/17 12:15
 Received date/time 03/31/17 08:45

1 Cp

2 Tc

SW-10-033017 L899598-02 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 22:52	04/08/17 22:52	ACE

Collected by JM / CW
 Collected date/time 03/30/17 12:25
 Received date/time 03/31/17 08:45

3 Ss

4 Cn

5 Sr

SW-09-033017 L899598-03 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 23:13	04/08/17 23:13	ACE

Collected by JM / CW
 Collected date/time 03/30/17 12:50
 Received date/time 03/31/17 08:45

6 Qc

7 Gl

8 Al

FP-01-033017 L899598-04 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 23:34	04/08/17 23:34	ACE

Collected by JM / CW
 Collected date/time 03/30/17 12:35
 Received date/time 03/31/17 08:45

9 Sc

FP-02-033017 L899598-05 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 23:54	04/08/17 23:54	ACE

Collected by JM / CW
 Collected date/time 03/30/17 12:40
 Received date/time 03/31/17 08:45

SW-08-033017 L899598-06 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 00:15	04/09/17 00:15	ACE

Collected by JM / CW
 Collected date/time 03/30/17 13:05
 Received date/time 03/31/17 08:45

SW-13-033017 L899598-07 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 00:36	04/09/17 00:36	ACE

Collected by JM / CW
 Collected date/time 03/30/17 13:25
 Received date/time 03/31/17 08:45

FP-03-033017 L899598-08 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 00:57	04/09/17 00:57	ACE

Collected by JM / CW
 Collected date/time 03/30/17 13:45
 Received date/time 03/31/17 08:45

SAMPLE SUMMARY



SW-04-033017 L899598-09 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / CW				Collected date/time 03/30/17 13:55	Received date/time 03/31/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 01:17	04/09/17 01:17	ACE

1 Cp

2 Tc

3 Ss

SW-02-033017 L899598-10 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / CW				Collected date/time 03/30/17 14:00	Received date/time 03/31/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 01:38	04/09/17 01:38	ACE

4 Cn

5 Sr

SW-01-033017 L899598-11 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / CW				Collected date/time 03/30/17 14:00	Received date/time 03/31/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 01:59	04/09/17 01:59	ACE

6 Qc

7 Gl

SW-07-033017 L899598-12 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / CW				Collected date/time 03/30/17 14:15	Received date/time 03/31/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 02:19	04/09/17 02:19	ACE

8 Al

9 Sc

SW-12-033017 L899598-13 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / CW				Collected date/time 03/30/17 14:25	Received date/time 03/31/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 02:40	04/09/17 02:40	ACE

SW-03-033017 L899598-14 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / CW				Collected date/time 03/30/17 14:35	Received date/time 03/31/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/09/17 03:01	04/09/17 03:01	ACE

TB-01-033017 L899598-15 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by JM / CW				Collected date/time 03/30/17 14:40	Received date/time 03/31/17 08:45
Volatile Organic Compounds (GC/MS) by Method 8260B	WG967230	1	04/08/17 20:07	04/08/17 20:07	ACE



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Technical Service Representative

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 22:32	WG967230
Toluene	ND		1.00	1	04/08/2017 22:32	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 22:32	WG967230
o-Xylene	ND		1.00	1	04/08/2017 22:32	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 22:32	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 22:32	WG967230
Naphthalene	ND		5.00	1	04/08/2017 22:32	WG967230
(S) Toluene-d8	104		80.0-120		04/08/2017 22:32	WG967230
(S) Dibromofluoromethane	95.7		76.0-123		04/08/2017 22:32	WG967230
(S) a,a,a-Trifluorotoluene	97.9		80.0-120		04/08/2017 22:32	WG967230
(S) 4-Bromofluorobenzene	98.2		80.0-120		04/08/2017 22:32	WG967230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 22:52	WG967230
Toluene	ND		1.00	1	04/08/2017 22:52	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 22:52	WG967230
o-Xylene	ND		1.00	1	04/08/2017 22:52	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 22:52	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 22:52	WG967230
Naphthalene	ND		5.00	1	04/08/2017 22:52	WG967230
(S) Toluene-d8	106		80.0-120		04/08/2017 22:52	WG967230
(S) Dibromofluoromethane	92.5		76.0-123		04/08/2017 22:52	WG967230
(S) a,a,a-Trifluorotoluene	96.6		80.0-120		04/08/2017 22:52	WG967230
(S) 4-Bromofluorobenzene	92.8		80.0-120		04/08/2017 22:52	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 23:13	WG967230
Toluene	ND		1.00	1	04/08/2017 23:13	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 23:13	WG967230
o-Xylene	ND		1.00	1	04/08/2017 23:13	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 23:13	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 23:13	WG967230
Naphthalene	ND		5.00	1	04/08/2017 23:13	WG967230
(S) Toluene-d8	104		80.0-120		04/08/2017 23:13	WG967230
(S) Dibromofluoromethane	95.8		76.0-123		04/08/2017 23:13	WG967230
(S) a,a,a-Trifluorotoluene	96.2		80.0-120		04/08/2017 23:13	WG967230
(S) 4-Bromofluorobenzene	98.5		80.0-120		04/08/2017 23:13	WG967230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 23:34	WG967230
Toluene	ND		1.00	1	04/08/2017 23:34	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 23:34	WG967230
o-Xylene	ND		1.00	1	04/08/2017 23:34	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 23:34	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 23:34	WG967230
Naphthalene	ND		5.00	1	04/08/2017 23:34	WG967230
(S) Toluene-d8	106		80.0-120		04/08/2017 23:34	WG967230
(S) Dibromofluoromethane	92.1		76.0-123		04/08/2017 23:34	WG967230
(S) a,a,a-Trifluorotoluene	95.8		80.0-120		04/08/2017 23:34	WG967230
(S) 4-Bromofluorobenzene	93.9		80.0-120		04/08/2017 23:34	WG967230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 23:54	WG967230
Toluene	ND		1.00	1	04/08/2017 23:54	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 23:54	WG967230
o-Xylene	ND		1.00	1	04/08/2017 23:54	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 23:54	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 23:54	WG967230
Naphthalene	ND		5.00	1	04/08/2017 23:54	WG967230
(S) Toluene-d8	105		80.0-120		04/08/2017 23:54	WG967230
(S) Dibromofluoromethane	96.6		76.0-123		04/08/2017 23:54	WG967230
(S) a,a,a-Trifluorotoluene	98.0		80.0-120		04/08/2017 23:54	WG967230
(S) 4-Bromofluorobenzene	99.8		80.0-120		04/08/2017 23:54	WG967230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 00:15	WG967230
Toluene	ND		1.00	1	04/09/2017 00:15	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 00:15	WG967230
o-Xylene	ND		1.00	1	04/09/2017 00:15	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 00:15	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 00:15	WG967230
Naphthalene	ND		5.00	1	04/09/2017 00:15	WG967230
(S) Toluene-d8	106		80.0-120		04/09/2017 00:15	WG967230
(S) Dibromofluoromethane	96.3		76.0-123		04/09/2017 00:15	WG967230
(S) a,a,a-Trifluorotoluene	96.1		80.0-120		04/09/2017 00:15	WG967230
(S) 4-Bromofluorobenzene	98.4		80.0-120		04/09/2017 00:15	WG967230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 00:36	WG967230
Toluene	ND		1.00	1	04/09/2017 00:36	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 00:36	WG967230
o-Xylene	ND		1.00	1	04/09/2017 00:36	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 00:36	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 00:36	WG967230
Naphthalene	ND		5.00	1	04/09/2017 00:36	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 00:36	WG967230
(S) Dibromofluoromethane	96.8		76.0-123		04/09/2017 00:36	WG967230
(S) a,a,a-Trifluorotoluene	98.7		80.0-120		04/09/2017 00:36	WG967230
(S) 4-Bromofluorobenzene	98.4		80.0-120		04/09/2017 00:36	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 00:57	WG967230
Toluene	ND		1.00	1	04/09/2017 00:57	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 00:57	WG967230
o-Xylene	ND		1.00	1	04/09/2017 00:57	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 00:57	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 00:57	WG967230
Naphthalene	ND		5.00	1	04/09/2017 00:57	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 00:57	WG967230
(S) Dibromofluoromethane	95.6		76.0-123		04/09/2017 00:57	WG967230
(S) a,a,a-Trifluorotoluene	95.9		80.0-120		04/09/2017 00:57	WG967230
(S) 4-Bromofluorobenzene	98.9		80.0-120		04/09/2017 00:57	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 01:17	WG967230
Toluene	6.15		1.00	1	04/09/2017 01:17	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 01:17	WG967230
o-Xylene	ND		1.00	1	04/09/2017 01:17	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 01:17	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 01:17	WG967230
Naphthalene	ND		5.00	1	04/09/2017 01:17	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 01:17	WG967230
(S) Dibromofluoromethane	95.4		76.0-123		04/09/2017 01:17	WG967230
(S) a,a,a-Trifluorotoluene	95.7		80.0-120		04/09/2017 01:17	WG967230
(S) 4-Bromofluorobenzene	97.5		80.0-120		04/09/2017 01:17	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	2.18		1.00	1	04/09/2017 01:38	WG967230
Toluene	ND		1.00	1	04/09/2017 01:38	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 01:38	WG967230
o-Xylene	ND		1.00	1	04/09/2017 01:38	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 01:38	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 01:38	WG967230
Naphthalene	ND		5.00	1	04/09/2017 01:38	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 01:38	WG967230
(S) Dibromofluoromethane	97.2		76.0-123		04/09/2017 01:38	WG967230
(S) a,a,a-Trifluorotoluene	96.9		80.0-120		04/09/2017 01:38	WG967230
(S) 4-Bromofluorobenzene	98.1		80.0-120		04/09/2017 01:38	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 01:59	WG967230
Toluene	ND		1.00	1	04/09/2017 01:59	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 01:59	WG967230
o-Xylene	ND		1.00	1	04/09/2017 01:59	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 01:59	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 01:59	WG967230
Naphthalene	ND		5.00	1	04/09/2017 01:59	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 01:59	WG967230
(S) Dibromofluoromethane	95.3		76.0-123		04/09/2017 01:59	WG967230
(S) a,a,a-Trifluorotoluene	97.0		80.0-120		04/09/2017 01:59	WG967230
(S) 4-Bromofluorobenzene	97.4		80.0-120		04/09/2017 01:59	WG967230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 02:19	WG967230
Toluene	ND		1.00	1	04/09/2017 02:19	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 02:19	WG967230
o-Xylene	ND		1.00	1	04/09/2017 02:19	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 02:19	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 02:19	WG967230
Naphthalene	ND		5.00	1	04/09/2017 02:19	WG967230
(S) Toluene-d8	106		80.0-120		04/09/2017 02:19	WG967230
(S) Dibromofluoromethane	97.5		76.0-123		04/09/2017 02:19	WG967230
(S) a,a,a-Trifluorotoluene	95.8		80.0-120		04/09/2017 02:19	WG967230
(S) 4-Bromofluorobenzene	97.9		80.0-120		04/09/2017 02:19	WG967230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	48.5		1.00	1	04/09/2017 02:40	WG967230
Toluene	86.3		1.00	1	04/09/2017 02:40	WG967230
Ethylbenzene	5.69		1.00	1	04/09/2017 02:40	WG967230
o-Xylene	15.8		1.00	1	04/09/2017 02:40	WG967230
m&p-Xylene	27.7		2.00	1	04/09/2017 02:40	WG967230
Xylenes, Total	43.5		3.00	1	04/09/2017 02:40	WG967230
Naphthalene	ND		5.00	1	04/09/2017 02:40	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 02:40	WG967230
(S) Dibromofluoromethane	92.3		76.0-123		04/09/2017 02:40	WG967230
(S) a,a,a-Trifluorotoluene	96.5		80.0-120		04/09/2017 02:40	WG967230
(S) 4-Bromofluorobenzene	99.3		80.0-120		04/09/2017 02:40	WG967230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/09/2017 03:01	WG967230
Toluene	ND		1.00	1	04/09/2017 03:01	WG967230
Ethylbenzene	ND		1.00	1	04/09/2017 03:01	WG967230
o-Xylene	ND		1.00	1	04/09/2017 03:01	WG967230
m&p-Xylene	ND		2.00	1	04/09/2017 03:01	WG967230
Xylenes, Total	ND		3.00	1	04/09/2017 03:01	WG967230
Naphthalene	ND		5.00	1	04/09/2017 03:01	WG967230
(S) Toluene-d8	105		80.0-120		04/09/2017 03:01	WG967230
(S) Dibromofluoromethane	94.4		76.0-123		04/09/2017 03:01	WG967230
(S) a,a,a-Trifluorotoluene	96.3		80.0-120		04/09/2017 03:01	WG967230
(S) 4-Bromofluorobenzene	95.6		80.0-120		04/09/2017 03:01	WG967230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		1.00	1	04/08/2017 20:07	WG967230
Toluene	ND		1.00	1	04/08/2017 20:07	WG967230
Ethylbenzene	ND		1.00	1	04/08/2017 20:07	WG967230
o-Xylene	ND		1.00	1	04/08/2017 20:07	WG967230
m&p-Xylene	ND		2.00	1	04/08/2017 20:07	WG967230
Xylenes, Total	ND		3.00	1	04/08/2017 20:07	WG967230
Naphthalene	ND		5.00	1	04/08/2017 20:07	WG967230
(S) Toluene-d8	105		80.0-120		04/08/2017 20:07	WG967230
(S) Dibromofluoromethane	91.0		76.0-123		04/08/2017 20:07	WG967230
(S) a,a,a-Trifluorotoluene	98.4		80.0-120		04/08/2017 20:07	WG967230
(S) 4-Bromofluorobenzene	94.5		80.0-120		04/08/2017 20:07	WG967230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Method Blank (MB)

(MB) R3209686-3 04/08/17 19:34

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Benzene	U		0.331	1.00
Ethylbenzene	U		0.384	1.00
Naphthalene	U		1.00	5.00
Toluene	U		0.412	1.00
o-Xylene	U		0.341	1.00
Xylenes, Total	U		1.06	3.00
m&p-Xylenes	U		0.719	2.00
(S) Toluene-d8	104			80.0-120
(S) Dibromofluoromethane	94.6			76.0-123
(S) a,a,a-Trifluorotoluene	97.7			80.0-120
(S) 4-Bromofluorobenzene	102			80.0-120

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3209686-1 04/08/17 18:00 • (LCSD) R3209686-2 04/08/17 18:21

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Benzene	25.0	20.4	20.7	81.7	82.8	70.0-130			1.39	20
Ethylbenzene	25.0	20.0	20.4	79.9	81.5	70.0-130			1.99	20
Naphthalene	25.0	19.9	21.7	79.5	86.8	70.0-130			8.73	20
Toluene	25.0	20.7	20.7	82.6	82.9	70.0-130			0.310	20
o-Xylene	25.0	19.7	19.9	78.9	79.6	70.0-130			0.940	20
m&p-Xylenes	50.0	39.5	40.2	79.1	80.4	70.0-130			1.63	20
Xylenes, Total	75.0	59.2	60.1	78.9	80.1	70.0-130			1.51	20
(S) Toluene-d8				102	100	80.0-120				
(S) Dibromofluoromethane				93.9	94.9	76.0-123				
(S) a,a,a-Trifluorotoluene				96.2	95.1	80.0-120				
(S) 4-Bromofluorobenzene				96.4	96.9	80.0-120				



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

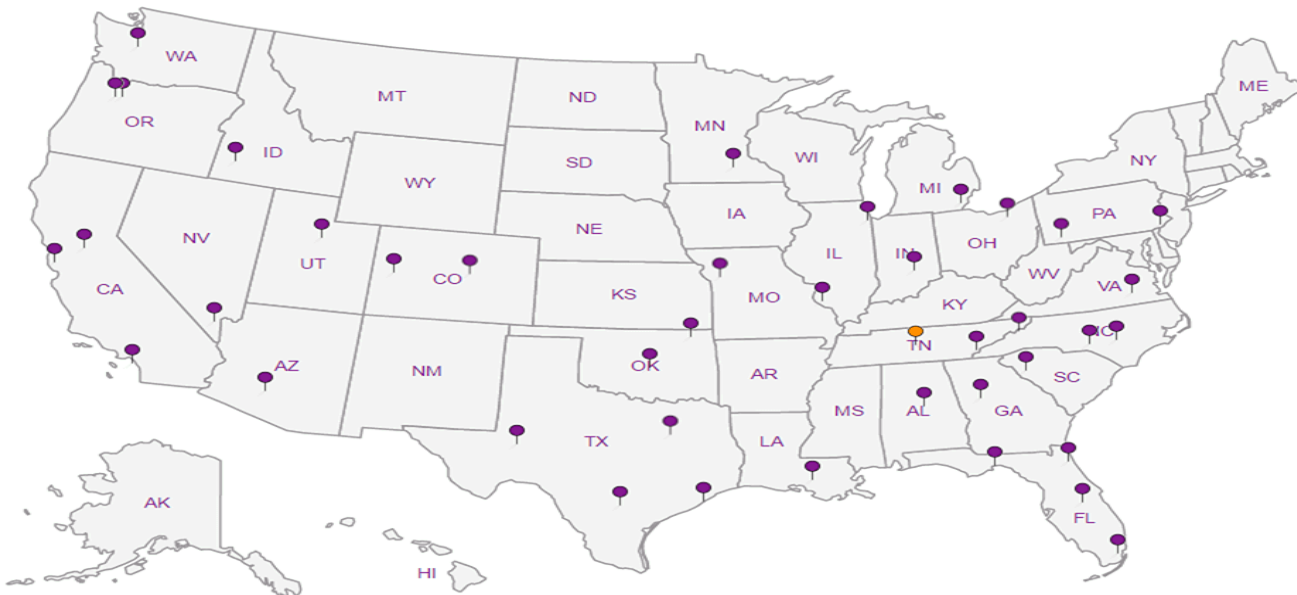
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{n/a} Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Air Monitoring Output

17/03/27 12:36

Summary

Unit	Name	MultiRAE(PGM-6228)	
Unit	SN	MBB3Z064Q8	
Unit	Firmware	Ver	V1.31

Running	Mode	Hygiene	Mode
Datalog	Mode	Auto	
Diagnostic	Mode	No	
Stop	Reason	Schedule	Stop

Site	ID	194
User	ID	0

Begin	3/27/2017	12:36:44	
End	3/28/2017	12:36:44	
Sample	Period(s)	600	
Number	of	Records	144

Sensor	SN	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
Sensor	SN	SC03111289	SC0342108	SC03AR0062S1	SC0306033	SC03A40150Q7																
Measure	Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span		50	18		1	50	10															
Span		2 N/A	N/A	N/A	N/A	1000																
Low	Alarm	10	19.5		10	35	50															
High	Alarm	20	23.5		20	200	100															
Over	Alarm	100	30		100	500	5000															
STEL	Alarm	N/A	N/A		15	100	25															
TWA	Alarm	N/A	N/A		10	35	10															
Measurem Gas(CF)		Methane(1.0 N/A		N/A	N/A		Isobutylene(1.00)															
Calibration Time		3/24/2017	15:03	3/24/2017	15:03	3/24/2017	15:07	3/24/2017	15:03	3/24/2017	15:05											
Peak		0	20.9		0	0	2.8															
Min		0	20.9		0	0	0															
Average		0	20.9		0	0	0.5															

Datalog

Index	Date/Time	LEL(%LEL)	LEL(%LEL)	LEL(%LEL)	LEL(%LEL)	OXY(%)	OXY(%)	OXY(%)	OXY(%)	H2S(ppm)	H2S(ppm)	H2S(ppm)	H2S(ppm)	CO(ppm)	CO(ppm)	CO(ppm)	CO(ppm)	VOC(ppm)	VOC(ppm)	VOC(ppm)	VOC(ppm)		
		(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)		
1	3/27/2017	12:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	
2	3/27/2017	12:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.1	
3	3/27/2017	13:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.1	
4	3/27/2017	13:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1
5	3/27/2017	13:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.4	0.1
6	3/27/2017	13:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1
7	3/27/2017	13:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	0.3	0.1
8	3/27/2017	13:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	0.4	0.1
9	3/27/2017	14:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	0.3	0.2
10	3/27/2017	14:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	0.4	0.1
11	3/27/2017	14:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.2
12	3/27/2017	14:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	1	0.3
13	3/27/2017	14:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	1.2	0.1
14	3/27/2017	14:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.6	2.9	0.1
15	3/27/2017	15:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.9	2.7	1.4

16	3/27/2017	15:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	2.1	1.8
17	3/27/2017	15:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.3	4.5	1.2
18	3/27/2017	15:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.9	2.3	1.9
19	3/27/2017	15:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	1.9	0.5
20	3/27/2017	15:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1	0.4
21	3/27/2017	16:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.2
22	3/27/2017	16:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.1	0.3
23	3/27/2017	16:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.6	0.3
24	3/27/2017	16:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.4	1.5	0.2
25	3/27/2017	16:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.2	0.4
26	3/27/2017	16:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.2	0.5
27	3/27/2017	17:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1	0.1
28	3/27/2017	17:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.4	0.2
29	3/27/2017	17:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.1	0.3	0.1
30	3/27/2017	17:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.1
31	3/27/2017	17:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.9	0.4
32	3/27/2017	17:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.1
33	3/27/2017	18:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	1.5	0.4
34	3/27/2017	18:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.9	0.2
35	3/27/2017	18:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.3	0.2
36	3/27/2017	18:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.5	0.4
37	3/27/2017	18:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.2	0.7
38	3/27/2017	18:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	2.3	0.6
39	3/27/2017	19:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	3.1	0.9
40	3/27/2017	19:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.5	0.2
41	3/27/2017	19:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.1	0.4
42	3/27/2017	19:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	1.5	0.7
43	3/27/2017	19:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.8	0.6
44	3/27/2017	19:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1	1.9	0.8
45	3/27/2017	20:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.6	0.1
46	3/27/2017	20:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	3.4	0.3
47	3/27/2017	20:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1	2.5	0.3
48	3/27/2017	20:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.1
49	3/27/2017	20:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1	0.5
50	3/27/2017	20:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.7	0.6
51	3/27/2017	21:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2.1	1.7
52	3/27/2017	21:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.7	0.2
53	3/27/2017	21:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.2	1
54	3/27/2017	21:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.9	0.2
55	3/27/2017	21:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	3	0.1
56	3/27/2017	21:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.6	1
57	3/27/2017	22:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.1	3.5	0.7
58	3/27/2017	22:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	2	2
59	3/27/2017	22:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	2.2	0.3
60	3/27/2017	22:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.6	4.9	0.2
61	3/27/2017	22:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1	2.4	1.5
62	3/27/2017	22:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	4.2	0.4
63	3/27/2017	23:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2.6	0.2
64	3/27/2017	23:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1	4.8	0.5
65	3/27/2017	23:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	1.6	4.7	0.7
66	3/27/2017	23:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	1.1	4	0.5
67	3/27/2017	23:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.6	4.6	1.6
68	3/27/2017	23:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.6	1.9	3.6	1.8
69	3/28/2017	0:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	2.1	0.8
70	3/28/2017	0:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	0.7	1.3	0.8
71	3/28/2017	0:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.7	0.4
72	3/28/2017	0:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.7	0.4

73	3/28/2017	0:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.1	0.4
74	3/28/2017	0:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.1
75	3/28/2017	1:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.1
76	3/28/2017	1:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.2
77	3/28/2017	1:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.1	0.3	0.1
78	3/28/2017	1:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.1	0.5	0.1
79	3/28/2017	1:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.1	0.3	0.2
80	3/28/2017	1:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.2
81	3/28/2017	2:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.1
82	3/28/2017	2:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.2
83	3/28/2017	2:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.3
84	3/28/2017	2:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.2
85	3/28/2017	2:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.9	0.9
86	3/28/2017	2:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.5	0.2
87	3/28/2017	3:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.3	0.9
88	3/28/2017	3:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	0.8	1.3	0.4
89	3/28/2017	3:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.2
90	3/28/2017	3:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.9	0.2
91	3/28/2017	3:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.2
92	3/28/2017	3:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	2.8	0.1
93	3/28/2017	4:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.9	0.5
94	3/28/2017	4:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.6	0.1
95	3/28/2017	4:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.9	0.4
96	3/28/2017	4:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.7	0.3
97	3/28/2017	4:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.5
98	3/28/2017	4:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1
99	3/28/2017	5:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1
100	3/28/2017	5:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0
101	3/28/2017	5:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.6	0.3
102	3/28/2017	5:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.8	0.4
103	3/28/2017	5:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.4	0.1
104	3/28/2017	5:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1
105	3/28/2017	6:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0
106	3/28/2017	6:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	2.6	0.2
107	3/28/2017	6:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
108	3/28/2017	6:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.6	0.1
109	3/28/2017	6:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1
110	3/28/2017	6:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.2
111	3/28/2017	7:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	2.3	0.6
112	3/28/2017	7:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1	3.3	1.6
113	3/28/2017	7:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.3	5	0.1
114	3/28/2017	7:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	2.5	0.6
115	3/28/2017	7:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.9	0.1
116	3/28/2017	7:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1
117	3/28/2017	8:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.1	0.7
118	3/28/2017	8:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.7
119	3/28/2017	8:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	1.4	0.3
120	3/28/2017	8:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	3.4	0.1
121	3/28/2017	8:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.6	2.9	2.8
122	3/28/2017	8:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.7	2.6	7.1	1
123	3/28/2017	9:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.4	5.1	0.2
124	3/28/2017	9:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.7	0.3
125	3/28/2017	9:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	1.5	5.6	0.9
126	3/28/2017	9:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	2.3	0.2
127	3/28/2017	9:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1	3.8	0.8
128	3/28/2017	9:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	1.2	3.2	0.7
129	3/28/2017	10:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	2.2	0.7

130	3/28/2017	10:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	1.8	0.4
131	3/28/2017	10:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.7	2.3	2.1
132	3/28/2017	10:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	2.6	0.2
133	3/28/2017	10:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.4	0.2
134	3/28/2017	10:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.7	2.7	0.2
135	3/28/2017	11:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	2.2	1.2
136	3/28/2017	11:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	2.4	0.5
137	3/28/2017	11:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	2	1
138	3/28/2017	11:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	2	0.3
139	3/28/2017	11:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.5	0.4
140	3/28/2017	11:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.3	0.8
141	3/28/2017	12:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	1.6	0.5
142	3/28/2017	12:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	1.5	1.1
143	3/28/2017	12:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	1.8	0.8
144	3/28/2017	12:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	2.2	0.3
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.7	2.6	7.1	2.8
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.6	0.5

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/27/2017	12:46:44	0 ---	0 ---	0 ---	0 ---	0 ---
2	3/27/2017	12:56:44	0	0	0	0	0 ---
3	3/27/2017	13:06:44	0	0	0	0	0.1
4	3/27/2017	13:16:44	0	0	0	0	0.1
5	3/27/2017	13:26:44	0	0	0	0	0.1
6	3/27/2017	13:36:44	0	0	0	0	0.1
7	3/27/2017	13:46:44	0	0	0	0	0.1
8	3/27/2017	13:56:44	0	0	0	0	0.1
9	3/27/2017	14:06:44	0	0	0	0	0.2
10	3/27/2017	14:16:44	0	0	0	0	0.2
11	3/27/2017	14:26:44	0	0	0	0	0.2
12	3/27/2017	14:36:44	0	0	0	0	0.3
13	3/27/2017	14:46:44	0	0	0	0	0.3
14	3/27/2017	14:56:44	0	0	0	0	0.1
15	3/27/2017	15:06:44	0	0	0	0.1	1
16	3/27/2017	15:16:44	0	0	0	0.1	2.1
17	3/27/2017	15:26:44	0	0	0	0.1	2
18	3/27/2017	15:36:44	0	0	0	0.2	2.1
19	3/27/2017	15:46:44	0	0	0	0.2	1.6
20	3/27/2017	15:56:44	0	0	0	0.2	0.6
21	3/27/2017	16:06:44	0	0	0	0.2	0.4
22	3/27/2017	16:16:44	0	0	0	0.2	0.3
23	3/27/2017	16:26:44	0	0	0	0.2	0.4
24	3/27/2017	16:36:44	0	0	0	0.2	0.3
25	3/27/2017	16:46:44	0	0	0	0.2	0.4
26	3/27/2017	16:56:44	0	0	0	0.2	0.6
27	3/27/2017	17:06:44	0	0	0	0.2	0.4
28	3/27/2017	17:16:44	0	0	0	0.2	0.2
29	3/27/2017	17:26:44	0	0	0	0.2	0.2
30	3/27/2017	17:36:44	0	0	0	0.2	0.1
31	3/27/2017	17:46:44	0	0	0	0.2	0.3
32	3/27/2017	17:56:44	0	0	0	0.2	0.3
33	3/27/2017	18:06:44	0	0	0	0.3	0.3
34	3/27/2017	18:16:44	0	0	0	0.3	0.4

35	3/27/2017	18:26:44	0	0	0	0	0.3	0.3
36	3/27/2017	18:36:44	0	0	0	0	0.3	0.4
37	3/27/2017	18:46:44	0	0	0	0	0.3	0.7
38	3/27/2017	18:56:44	0	0	0	0	0.3	0.9
39	3/27/2017	19:06:44	0	0	0	0	0.3	1
40	3/27/2017	19:16:44	0	0	0	0	0.3	0.7
41	3/27/2017	19:26:44	0	0	0	0	0.3	0.4
42	3/27/2017	19:36:44	0	0	0	0	0.3	0.7
43	3/27/2017	19:46:44	0	0	0	0	0.4	0.9
44	3/27/2017	19:56:44	0	0	0	0	0.4	0.9
45	3/27/2017	20:06:44	0	0	0	0	0.4	0.6
46	3/27/2017	20:16:44	0	0	0	0	0.4	0.3
47	3/27/2017	20:26:44	0	0	0	0	0.4	0.4
48	3/27/2017	20:36:44	0	0	0	0	0.4	0.3
49	3/27/2017	20:46:44	0	0	0	0	0.4	0.4
50	3/27/2017	20:56:44	0	0	0	0	0.4	0.7
51	3/27/2017	21:06:44	0	0	0	0	0.4	1.5
52	3/27/2017	21:16:44	0	0	0	0	0.5	1.3
53	3/27/2017	21:26:44	0	0	0	0	0.5	0.8
54	3/27/2017	21:36:44	0	0	0	0	0.5	0.8
55	3/27/2017	21:46:44	0	0	0	0	0.5	0.2
56	3/27/2017	21:56:44	0	0	0	0	0.5	0.7
57	3/27/2017	22:06:44	0	0	0	0	0.5	1.1
58	3/27/2017	22:16:44	0	0	0	0	0.6	1.8
59	3/27/2017	22:26:44	0	0	0	0	0.6	1.5
60	3/27/2017	22:36:44	0	0	0	0	0.6	0.3
61	3/27/2017	22:46:44	0	0	0	0	0.6	1.1
62	3/27/2017	22:56:44	0	0	0	0	0.6	1.3
63	3/27/2017	23:06:44	0	0	0	0	0.6	0.4
64	3/27/2017	23:16:44	0	0	0	0	0.6	0.5
65	3/27/2017	23:26:44	0	0	0	0	0.6	0.8
66	3/27/2017	23:36:44	0	0	0	0	0.6	0.8
67	3/27/2017	23:46:44	0	0	0	0	0.7	1.4
68	3/27/2017	23:56:44	0	0	0	0	0.7	2.3
69	3/28/2017	0:06:44	0	0	0	0	0.7	1.7
70	3/28/2017	0:16:44	0	0	0	0	0.7	1.1
71	3/28/2017	0:26:44	0	0	0	0	0.8	0.8
72	3/28/2017	0:36:44	0	0	0	0	0.8	0.5
73	3/28/2017	0:46:44	0	0	0	0	0.8	0.5
74	3/28/2017	0:56:44	0	0	0	0	0.8	0.3
75	3/28/2017	1:06:44	0	0	0	0	0.8	0.1
76	3/28/2017	1:16:44	0	0	0	0	0.8	0.2
77	3/28/2017	1:26:44	0	0	0	0	0.8	0.2
78	3/28/2017	1:36:44	0	0	0	0	0.8	0.1
79	3/28/2017	1:46:44	0	0	0	0	0.8	0.2
80	3/28/2017	1:56:44	0	0	0	0	0.8	0.3
81	3/28/2017	2:06:44	0	0	0	0	0.8	0.2
82	3/28/2017	2:16:44	0	0	0	0	0.8	0.2
83	3/28/2017	2:26:44	0	0	0	0	0.8	0.3
84	3/28/2017	2:36:44	0	0	0	0	0.8	0.3
85	3/28/2017	2:46:44	0	0	0	0	0.8	0.7
86	3/28/2017	2:56:44	0	0	0	0	0.8	0.7
87	3/28/2017	3:06:44	0	0	0	0	0.9	0.7
88	3/28/2017	3:16:44	0	0	0	0	0.9	0.9
89	3/28/2017	3:26:44	0	0	0	0	0.9	0.4
90	3/28/2017	3:36:44	0	0	0	0	0.9	0.3
91	3/28/2017	3:46:44	0	0	0	0	0.9	0.3

92	3/28/2017	3:56:44	0	0	0	0	0.9	0.2
93	3/28/2017	4:06:44	0	0	0	0	0.9	0.4
94	3/28/2017	4:16:44	0	0	0	0	0.9	0.4
95	3/28/2017	4:26:44	0	0	0	0	0.9	0.3
96	3/28/2017	4:36:44	0	0	0	0	0.9	0.5
97	3/28/2017	4:46:44	0	0	0	0	0.9	0.5
98	3/28/2017	4:56:44	0	0	0	0	0.9	0.4
99	3/28/2017	5:06:44	0	0	0	0	0.9	0.1
100	3/28/2017	5:16:44	0	0	0	0	0.9	0.1
101	3/28/2017	5:26:44	0	0	0	0	0.9	0.2
102	3/28/2017	5:36:44	0	0	0	0	0.9	0.5
103	3/28/2017	5:46:44	0	0	0	0	0.9	0.3
104	3/28/2017	5:56:44	0	0	0	0	0.9	0.1
105	3/28/2017	6:06:44	0	0	0	0	0.9	0.1
106	3/28/2017	6:16:44	0	0	0	0	0.9	0.1
107	3/28/2017	6:26:44	0	0	0	0	0.9	0.2
108	3/28/2017	6:36:44	0	0	0	0	0.9	0.1
109	3/28/2017	6:46:44	0	0	0	0	0.9	0.1
110	3/28/2017	6:56:44	0	0	0	0	1	0.2
111	3/28/2017	7:06:44	0	0	0	0	1	0.5
112	3/28/2017	7:16:44	0	0	0	0	1	1.5
113	3/28/2017	7:26:44	0	0	0	0	1	1.1
114	3/28/2017	7:36:44	0	0	0	0	1	0.5
115	3/28/2017	7:46:44	0	0	0	0	1	0.5
116	3/28/2017	7:56:44	0	0	0	0	1	0.1
117	3/28/2017	8:06:44	0	0	0	0	1	0.5
118	3/28/2017	8:16:44	0	0	0	0	1	0.9
119	3/28/2017	8:26:44	0	0	0	0	1.1	0.7
120	3/28/2017	8:36:44	0	0	0	0	1.1	0.3
121	3/28/2017	8:46:44	0	0	0	0	1.1	1.9
122	3/28/2017	8:56:44	0	0	0	0	1.1	2.5
123	3/28/2017	9:06:44	0	0	0	0	1.1	0.8
124	3/28/2017	9:16:44	0	0	0	0	1.1	0.3
125	3/28/2017	9:26:44	0	0	0	0	1.2	0.8
126	3/28/2017	9:36:44	0	0	0	0	1.2	0.7
127	3/28/2017	9:46:44	0	0	0	0	1.2	0.7
128	3/28/2017	9:56:44	0	0	0	0	1.2	1
129	3/28/2017	10:06:44	0	0	0	0	1.2	0.9
130	3/28/2017	10:16:44	0	0	0	0	1.2	0.7
131	3/28/2017	10:26:44	0	0	0	0	1.3	1.7
132	3/28/2017	10:36:44	0	0	0	0	1.3	1.5
133	3/28/2017	10:46:44	0	0	0	0	1.3	0.3
134	3/28/2017	10:56:44	0	0	0	0	1.3	0.3
135	3/28/2017	11:06:44	0	0	0	0	1.3	0.9
136	3/28/2017	11:16:44	0	0	0	0	1.3	1.1
137	3/28/2017	11:26:44	0	0	0	0	1.3	1
138	3/28/2017	11:36:44	0	0	0	0	1.3	0.9
139	3/28/2017	11:46:44	0	0	0	0	1.3	0.5
140	3/28/2017	11:56:44	0	0	0	0	1.4	0.8
141	3/28/2017	12:06:44	0	0	0	0	1.4	0.9
142	3/28/2017	12:16:44	0	0	0	0	1.4	1.1
143	3/28/2017	12:26:44	0	0	0	0	1.4	1.3
144	3/28/2017	12:36:44	0	0	0	0	1.4	0.7

=====
17/03/28 12:36

Summary


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-----
Unit   Name      MultiRAE(PGM-6228)
Unit   SN        MBB3Z064Q8
Unit   Firmware  Ver          V1.31
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Running Mode    Hygiene  Mode
Datalog Mode    Auto
Diagnostic Mode  No
Stop      Reason  Schedule  Stop
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Site   ID          194
User   ID          0
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Begin   3/28/2017  12:36:44
End     3/29/2017  12:36:44
Sample  Period(s)   600
Number  of          Records    144
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Sensor          LEL(%LEL)  OXY(%)  H2S(ppm)  CO(ppm)  VOC(ppm)
Sensor SN      SC03111289 SC0342108 SC03AR0062S1 SC0306033 SC03A40150Q7
Measure Type   Min        Avg      Max      Real     Min     Avg      Max      Real     Min     Avg      Max      Real     Min     Avg      Max      Real     Min     Avg      Max      Real
Span          50        18      10
Span          2 N/A     N/A     N/A     N/A     1000
Low Alarm     10        19.5    10      35      50
High Alarm    20        23.5    20      200     100
Over Alarm    100       30      100     500     5000
STEL Alarm    N/A       N/A     15      100     25
TWA Alarm     N/A       N/A     10      35      10
Measurem Gas(CF) Methane(1.0 N/A N/A N/A Isobutylene(1.00)
Calibration Time 3/24/2017  15:03  3/24/2017  15:03  3/24/2017  15:07  3/24/2017  15:03  3/24/2017  15:05
Peak          0         20.9   0        0        2.4
Min           0         20.9   0        0        0.1
Average       0         20.9   0        0        0.5
-----

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Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	3/28/2017 12:46:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.9	1.9
2	3/28/2017 12:56:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2	0.2
3	3/28/2017 13:06:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2	0.7
4	3/28/2017 13:16:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.4	0.1
5	3/28/2017 13:26:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.3
6	3/28/2017 13:36:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.4	0.2
7	3/28/2017 13:46:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.1
8	3/28/2017 13:56:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.7	0.7
9	3/28/2017 14:06:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.2
10	3/28/2017 14:16:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.4
11	3/28/2017 14:26:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.9	0.1
12	3/28/2017 14:36:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	1	0.2
13	3/28/2017 14:46:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.1	0.6
14	3/28/2017 14:56:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1	0.3
15	3/28/2017 15:06:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.3
16	3/28/2017 15:16:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.2
17	3/28/2017 15:26:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.3
18	3/28/2017 15:36:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.8
19	3/28/2017 15:46:44	0	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.5

20	3/28/2017	15:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.7	0.7
21	3/28/2017	16:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1	0.3
22	3/28/2017	16:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1	0.3
23	3/28/2017	16:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.6	0.2
24	3/28/2017	16:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.3
25	3/28/2017	16:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.2
26	3/28/2017	16:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.4	0.8	0.2
27	3/28/2017	17:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.7	0.2
28	3/28/2017	17:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.2
29	3/28/2017	17:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.6	0.3
30	3/28/2017	17:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.3
31	3/28/2017	17:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.3
32	3/28/2017	17:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.7	0.2
33	3/28/2017	18:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.6	0.4
34	3/28/2017	18:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.4
35	3/28/2017	18:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.3
36	3/28/2017	18:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.3	0.7	0.4
37	3/28/2017	18:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1	0.8
38	3/28/2017	18:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.2
39	3/28/2017	19:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	3.1	0.2
40	3/28/2017	19:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	1.3	0.5
41	3/28/2017	19:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	1	1
42	3/28/2017	19:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.2	0.6
43	3/28/2017	19:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	2.1	0.8
44	3/28/2017	19:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	0.8	2.1	2
45	3/28/2017	20:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	1.1	3.7	0.4
46	3/28/2017	20:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	1.2	3.3	0.7
47	3/28/2017	20:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.1	3.7	0.2
48	3/28/2017	20:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	1.7	1.4
49	3/28/2017	20:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	1.1	2.7	0.7
50	3/28/2017	20:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	0.8	2.2	0.3
51	3/28/2017	21:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.4
52	3/28/2017	21:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.2	2.7	0.4
53	3/28/2017	21:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	1.3	0.7
54	3/28/2017	21:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	0.8	0.8
55	3/28/2017	21:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1	0.6
56	3/28/2017	21:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.2	0.1
57	3/28/2017	22:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.7	0.6
58	3/28/2017	22:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.5	0.5
59	3/28/2017	22:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2.2	0.4
60	3/28/2017	22:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	0.6	1.6	0.5
61	3/28/2017	22:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	1.5	0.4
62	3/28/2017	22:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	2.7	0.3
63	3/28/2017	23:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	2.7	2.4
64	3/28/2017	23:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	2.3	0.1
65	3/28/2017	23:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.7	0.4
66	3/28/2017	23:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.1	0.1
67	3/28/2017	23:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	1.4	1.4
68	3/28/2017	23:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	3.3	1
69	3/29/2017	0:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	2.4	0.2
70	3/29/2017	0:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.1	0.4	0.1
71	3/29/2017	0:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	1	0.5
72	3/29/2017	0:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.5	4.5	1.7
73	3/29/2017	0:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	4.2	0.1
74	3/29/2017	0:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	1.1	0.3
75	3/29/2017	1:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.5	1.4
76	3/29/2017	1:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	2.8	0.3

77	3/29/2017	1:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1	0.1
78	3/29/2017	1:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.5	1.9	0.5
79	3/29/2017	1:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.5	0.1
80	3/29/2017	1:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.6	2.4	1.2
81	3/29/2017	2:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.2	0.5
82	3/29/2017	2:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	0.6	0.9	0.6
83	3/29/2017	2:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.7	0.2
84	3/29/2017	2:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	1.4	0.5
85	3/29/2017	2:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.1
86	3/29/2017	2:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.1	0.6	0.3
87	3/29/2017	3:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	2.6	0.1
88	3/29/2017	3:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.2	0.6
89	3/29/2017	3:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	1.7	0.1
90	3/29/2017	3:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	1.8	0.6
91	3/29/2017	3:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.3
92	3/29/2017	3:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.2	0.1
93	3/29/2017	4:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.3	0.5
94	3/29/2017	4:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.4	0.2
95	3/29/2017	4:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	3.7	0.3
96	3/29/2017	4:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.8	0.3
97	3/29/2017	4:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	2.8	0.2
98	3/29/2017	4:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.1	1.1
99	3/29/2017	5:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	1.3	2.3	0.7
100	3/29/2017	5:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.1	0.2
101	3/29/2017	5:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.5	1.6	1.4
102	3/29/2017	5:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	1	2.1	0.4
103	3/29/2017	5:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.2
104	3/29/2017	5:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.6	0.4
105	3/29/2017	6:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	0.5	1.1	0.4
106	3/29/2017	6:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	1.6	1.3
107	3/29/2017	6:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.5	1.7	0.1
108	3/29/2017	6:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.3	0.3
109	3/29/2017	6:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.6	0.2
110	3/29/2017	6:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.2	2.2	0.5
111	3/29/2017	7:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.1
112	3/29/2017	7:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	1.5	4	1
113	3/29/2017	7:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.6	0.3
114	3/29/2017	7:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	1.7	1.6
115	3/29/2017	7:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	1.6	0.5
116	3/29/2017	7:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	1.2	3.2	0.3
117	3/29/2017	8:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.6	0.2
118	3/29/2017	8:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	1.7	0.6
119	3/29/2017	8:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	2.5	0.4
120	3/29/2017	8:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	1.7	0.3
121	3/29/2017	8:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.8	0.4
122	3/29/2017	8:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	1.7	0.2
123	3/29/2017	9:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.5	1.5
124	3/29/2017	9:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.5	1.6	0.1
125	3/29/2017	9:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.5	0.6
126	3/29/2017	9:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.8	0.3
127	3/29/2017	9:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.1
128	3/29/2017	9:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.9	0.3
129	3/29/2017	10:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1	0.4
130	3/29/2017	10:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.3	0.3
131	3/29/2017	10:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1	0.2
132	3/29/2017	10:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.7	0.5
133	3/29/2017	10:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.9	0.4

134	3/29/2017	10:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.4
135	3/29/2017	11:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0.8	0.2
136	3/29/2017	11:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.9	0.7
137	3/29/2017	11:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0.9	0.7
138	3/29/2017	11:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.2	1.1
139	3/29/2017	11:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.1	0.2
140	3/29/2017	11:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.7	0.1
141	3/29/2017	12:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.9	0.1
142	3/29/2017	12:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.9	0.2
143	3/29/2017	12:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.1
144	3/29/2017	12:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.1
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	1.5	4.5	2.4
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.4	0.5

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/28/2017	12:46:44	0 ---	0 ---	0 ---	0 ---	0 ---
2	3/28/2017	12:56:44	0	0	0	0	1.4
3	3/28/2017	13:06:44	0	0	0	0	0.1
4	3/28/2017	13:16:44	0	0	0	0	0.1
5	3/28/2017	13:26:44	0	0	0	0	0.1
6	3/28/2017	13:36:44	0	0	0	0	0.1
7	3/28/2017	13:46:44	0	0	0	0	0.1
8	3/28/2017	13:56:44	0	0	0	0	0.1
9	3/28/2017	14:06:44	0	0	0	0	0.1
10	3/28/2017	14:16:44	0	0	0	0	0.1
11	3/28/2017	14:26:44	0	0	0	0	0.1
12	3/28/2017	14:36:44	0	0	0	0	0.1
13	3/28/2017	14:46:44	0	0	0	0	0.1
14	3/28/2017	14:56:44	0	0	0	0	0.1
15	3/28/2017	15:06:44	0	0	0	0	0.1
16	3/28/2017	15:16:44	0	0	0	0	0.1
17	3/28/2017	15:26:44	0	0	0	0	0.1
18	3/28/2017	15:36:44	0	0	0	0	0.2
19	3/28/2017	15:46:44	0	0	0	0	0.2
20	3/28/2017	15:56:44	0	0	0	0	0.2
21	3/28/2017	16:06:44	0	0	0	0	0.2
22	3/28/2017	16:16:44	0	0	0	0	0.2
23	3/28/2017	16:26:44	0	0	0	0	0.2
24	3/28/2017	16:36:44	0	0	0	0	0.2
25	3/28/2017	16:46:44	0	0	0	0	0.2
26	3/28/2017	16:56:44	0	0	0	0	0.2
27	3/28/2017	17:06:44	0	0	0	0	0.2
28	3/28/2017	17:16:44	0	0	0	0	0.2
29	3/28/2017	17:26:44	0	0	0	0	0.2
30	3/28/2017	17:36:44	0	0	0	0	0.2
31	3/28/2017	17:46:44	0	0	0	0	0.2
32	3/28/2017	17:56:44	0	0	0	0	0.2
33	3/28/2017	18:06:44	0	0	0	0	0.3
34	3/28/2017	18:16:44	0	0	0	0	0.3
35	3/28/2017	18:26:44	0	0	0	0	0.3
36	3/28/2017	18:36:44	0	0	0	0	0.3
37	3/28/2017	18:46:44	0	0	0	0	0.3
38	3/28/2017	18:56:44	0	0	0	0	0.3

39	3/28/2017	19:06:44	0	0	0	0	0.3	0.3
40	3/28/2017	19:16:44	0	0	0	0	0.3	0.5
41	3/28/2017	19:26:44	0	0	0	0	0.3	1
42	3/28/2017	19:36:44	0	0	0	0	0.3	1.1
43	3/28/2017	19:46:44	0	0	0	0	0.4	0.9
44	3/28/2017	19:56:44	0	0	0	0	0.4	1.9
45	3/28/2017	20:06:44	0	0	0	0	0.4	1.6
46	3/28/2017	20:16:44	0	0	0	0	0.4	0.7
47	3/28/2017	20:26:44	0	0	0	0	0.4	0.6
48	3/28/2017	20:36:44	0	0	0	0	0.5	1.1
49	3/28/2017	20:46:44	0	0	0	0	0.5	1.4
50	3/28/2017	20:56:44	0	0	0	0	0.5	0.7
51	3/28/2017	21:06:44	0	0	0	0	0.5	0.5
52	3/28/2017	21:16:44	0	0	0	0	0.5	0.5
53	3/28/2017	21:26:44	0	0	0	0	0.5	0.7
54	3/28/2017	21:36:44	0	0	0	0	0.5	1
55	3/28/2017	21:46:44	0	0	0	0	0.5	0.9
56	3/28/2017	21:56:44	0	0	0	0	0.5	0.5
57	3/28/2017	22:06:44	0	0	0	0	0.6	0.5
58	3/28/2017	22:16:44	0	0	0	0	0.6	0.7
59	3/28/2017	22:26:44	0	0	0	0	0.6	0.6
60	3/28/2017	22:36:44	0	0	0	0	0.6	0.6
61	3/28/2017	22:46:44	0	0	0	0	0.6	0.6
62	3/28/2017	22:56:44	0	0	0	0	0.6	0.5
63	3/28/2017	23:06:44	0	0	0	0	0.7	1.8
64	3/28/2017	23:16:44	0	0	0	0	0.7	1.7
65	3/28/2017	23:26:44	0	0	0	0	0.7	0.3
66	3/28/2017	23:36:44	0	0	0	0	0.7	0.3
67	3/28/2017	23:46:44	0	0	0	0	0.7	1
68	3/28/2017	23:56:44	0	0	0	0	0.7	1.6
69	3/29/2017	0:06:44	0	0	0	0	0.7	0.8
70	3/29/2017	0:16:44	0	0	0	0	0.7	0.2
71	3/29/2017	0:26:44	0	0	0	0	0.7	0.4
72	3/29/2017	0:36:44	0	0	0	0	0.8	1.5
73	3/29/2017	0:46:44	0	0	0	0	0.8	1.2
74	3/29/2017	0:56:44	0	0	0	0	0.8	0.3
75	3/29/2017	1:06:44	0	0	0	0	0.8	1.1
76	3/29/2017	1:16:44	0	0	0	0	0.8	1.1
77	3/29/2017	1:26:44	0	0	0	0	0.8	0.3
78	3/29/2017	1:36:44	0	0	0	0	0.8	0.4
79	3/29/2017	1:46:44	0	0	0	0	0.8	0.4
80	3/29/2017	1:56:44	0	0	0	0	0.8	0.9
81	3/29/2017	2:06:44	0	0	0	0	0.9	1.1
82	3/29/2017	2:16:44	0	0	0	0	0.9	0.7
83	3/29/2017	2:26:44	0	0	0	0	0.9	0.5
84	3/29/2017	2:36:44	0	0	0	0	0.9	0.5
85	3/29/2017	2:46:44	0	0	0	0	0.9	0.4
86	3/29/2017	2:56:44	0	0	0	0	0.9	0.3
87	3/29/2017	3:06:44	0	0	0	0	0.9	0.3
88	3/29/2017	3:16:44	0	0	0	0	0.9	0.5
89	3/29/2017	3:26:44	0	0	0	0	0.9	0.5
90	3/29/2017	3:36:44	0	0	0	0	0.9	0.5
91	3/29/2017	3:46:44	0	0	0	0	0.9	0.6
92	3/29/2017	3:56:44	0	0	0	0	0.9	0.3
93	3/29/2017	4:06:44	0	0	0	0	0.9	0.4
94	3/29/2017	4:16:44	0	0	0	0	0.9	0.5
95	3/29/2017	4:26:44	0	0	0	0	1	0.3

96	3/29/2017	4:36:44	0	0	0	0	1	0.4
97	3/29/2017	4:46:44	0	0	0	0	1	0.3
98	3/29/2017	4:56:44	0	0	0	0	1	0.9
99	3/29/2017	5:06:44	0	0	0	0	1	1.2
100	3/29/2017	5:16:44	0	0	0	0	1	0.6
101	3/29/2017	5:26:44	0	0	0	0	1	1.1
102	3/29/2017	5:36:44	0	0	0	0	1	1.2
103	3/29/2017	5:46:44	0	0	0	0	1	0.4
104	3/29/2017	5:56:44	0	0	0	0	1.1	0.4
105	3/29/2017	6:06:44	0	0	0	0	1.1	0.5
106	3/29/2017	6:16:44	0	0	0	0	1.1	1.1
107	3/29/2017	6:26:44	0	0	0	0	1.1	0.9
108	3/29/2017	6:36:44	0	0	0	0	1.1	0.3
109	3/29/2017	6:46:44	0	0	0	0	1.1	0.3
110	3/29/2017	6:56:44	0	0	0	0	1.1	0.5
111	3/29/2017	7:06:44	0	0	0	0	1.1	0.4
112	3/29/2017	7:16:44	0	0	0	0	1.1	0.7
113	3/29/2017	7:26:44	0	0	0	0	1.1	0.9
114	3/29/2017	7:36:44	0	0	0	0	1.2	1.3
115	3/29/2017	7:46:44	0	0	0	0	1.2	1.4
116	3/29/2017	7:56:44	0	0	0	0	1.2	0.5
117	3/29/2017	8:06:44	0	0	0	0	1.2	0.3
118	3/29/2017	8:16:44	0	0	0	0	1.2	0.5
119	3/29/2017	8:26:44	0	0	0	0	1.2	0.7
120	3/29/2017	8:36:44	0	0	0	0	1.2	0.5
121	3/29/2017	8:46:44	0	0	0	0	1.2	0.5
122	3/29/2017	8:56:44	0	0	0	0	1.2	0.4
123	3/29/2017	9:06:44	0	0	0	0	1.3	1.1
124	3/29/2017	9:16:44	0	0	0	0	1.3	1.1
125	3/29/2017	9:26:44	0	0	0	0	1.3	0.5
126	3/29/2017	9:36:44	0	0	0	0	1.3	0.6
127	3/29/2017	9:46:44	0	0	0	0	1.3	0.3
128	3/29/2017	9:56:44	0	0	0	0	1.3	0.3
129	3/29/2017	10:06:44	0	0	0	0	1.3	0.5
130	3/29/2017	10:16:44	0	0	0	0	1.3	0.5
131	3/29/2017	10:26:44	0	0	0	0	1.3	0.3
132	3/29/2017	10:36:44	0	0	0	0	1.3	0.5
133	3/29/2017	10:46:44	0	0	0	0	1.3	0.6
134	3/29/2017	10:56:44	0	0	0	0	1.3	0.5
135	3/29/2017	11:06:44	0	0	0	0	1.3	0.4
136	3/29/2017	11:16:44	0	0	0	0	1.4	0.6
137	3/29/2017	11:26:44	0	0	0	0	1.4	0.9
138	3/29/2017	11:36:44	0	0	0	0	1.4	1.2
139	3/29/2017	11:46:44	0	0	0	0	1.4	0.9
140	3/29/2017	11:56:44	0	0	0	0	1.4	0.2
141	3/29/2017	12:06:44	0	0	0	0	1.4	0.1
142	3/29/2017	12:16:44	0	0	0	0	1.4	0.2
143	3/29/2017	12:26:44	0	0	0	0	1.4	0.2
144	3/29/2017	12:36:44	0	0	0	0	1.4	0.1

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17/03/29 12:36

Summary

Unit Name MultiRAE(PGM-6228)
Unit SN MBB3Z064Q8
Unit Firmware Ver V1.31

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Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Schedule Stop
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Site ID 194
User ID 0
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Begin 3/29/2017 12:36:44
End 3/30/2017 12:36:44
Sample Period(s) 600
Number of Records 144
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Sensor LEL(%LEL) OXY(%) H2S(ppm) CO(ppm) VOC(ppm)
Sensor SN SC03111289 SC0342108 SC03AR0062S1 SC0306033 SC03A40150Q7
Measure Type Min Avg Max Real Min Avg Max Real Min Avg Max Real Min Avg Max Real Min Avg Max Real
Span 50 18 1 50 10
Span 2 N/A N/A N/A N/A 1000
Low Alarm 10 19.5 10 35 50
High Alarm 20 23.5 20 200 100
Over Alarm 100 30 100 500 5000
STEL Alarm N/A N/A 15 100 25
TWA Alarm N/A N/A 10 35 10
Measurem Gas(CF) Methane(1.0 N/A N/A N/A Isobutylene(1.00)
Calibration Time 3/24/2017 15:03 3/24/2017 15:03 3/24/2017 15:07 3/24/2017 15:03 3/24/2017 15:05
Peak 0 20.9 0 0 3.1
Min 0 20.9 0 0 0.1
Average 0 20.9 0 0 0.3

```

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	3/29/2017 12:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	2.6	0.1
2	3/29/2017 12:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.6
3	3/29/2017 13:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	1.3	0.1
4	3/29/2017 13:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.1
5	3/29/2017 13:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.1
6	3/29/2017 13:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	1.1	0.2
7	3/29/2017 13:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.5
8	3/29/2017 13:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.1
9	3/29/2017 14:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	1	0.1
10	3/29/2017 14:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.1
11	3/29/2017 14:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	1.1	0.1
12	3/29/2017 14:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.3
13	3/29/2017 14:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	1	0.1
14	3/29/2017 14:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	1	0.1
15	3/29/2017 15:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	1.1	0.3
16	3/29/2017 15:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.1
17	3/29/2017 15:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.1
18	3/29/2017 15:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.7	0.3
19	3/29/2017 15:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.7	0.1
20	3/29/2017 15:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	0.5	0.2
21	3/29/2017 16:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.2
22	3/29/2017 16:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.3
23	3/29/2017 16:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.7	0.4

138	3/30/2017	11:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.9	1.6
139	3/30/2017	11:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.3	3.4	0.1
140	3/30/2017	11:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	3.6	1.7
141	3/30/2017	12:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	1.8	0.2
142	3/30/2017	12:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.8	0.1
143	3/30/2017	12:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.3	0.9
144	3/30/2017	12:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	1.6	0.3
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.3	3.7	3.1
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.3

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/29/2017	12:46:44	0	---	0	---	0	---
2	3/29/2017	12:56:44	0	0	0	0	0	0.5
3	3/29/2017	13:06:44	0	0	0	0	0	0.5
4	3/29/2017	13:16:44	0	0	0	0	0	0.1
5	3/29/2017	13:26:44	0	0	0	0	0	0.1
6	3/29/2017	13:36:44	0	0	0	0	0	0.2
7	3/29/2017	13:46:44	0	0	0	0	0	0.5
8	3/29/2017	13:56:44	0	0	0	0	0	0.4
9	3/29/2017	14:06:44	0	0	0	0	0	0.1
10	3/29/2017	14:16:44	0	0	0	0	0	0.1
11	3/29/2017	14:26:44	0	0	0	0	0	0.1
12	3/29/2017	14:36:44	0	0	0	0	0	0.3
13	3/29/2017	14:46:44	0	0	0	0	0.1	0.3
14	3/29/2017	14:56:44	0	0	0	0	0.1	0.1
15	3/29/2017	15:06:44	0	0	0	0	0.1	0.3
16	3/29/2017	15:16:44	0	0	0	0	0.1	0.3
17	3/29/2017	15:26:44	0	0	0	0	0.1	0.1
18	3/29/2017	15:36:44	0	0	0	0	0.1	0.3
19	3/29/2017	15:46:44	0	0	0	0	0.1	0.3
20	3/29/2017	15:56:44	0	0	0	0	0.1	0.2
21	3/29/2017	16:06:44	0	0	0	0	0.1	0.3
22	3/29/2017	16:16:44	0	0	0	0	0.1	0.3
23	3/29/2017	16:26:44	0	0	0	0	0.1	0.5
24	3/29/2017	16:36:44	0	0	0	0	0.1	0.4
25	3/29/2017	16:46:44	0	0	0	0	0.1	0.4
26	3/29/2017	16:56:44	0	0	0	0	0.1	0.6
27	3/29/2017	17:06:44	0	0	0	0	0.1	0.5
28	3/29/2017	17:16:44	0	0	0	0	0.1	0.3
29	3/29/2017	17:26:44	0	0	0	0	0.1	0.3
30	3/29/2017	17:36:44	0	0	0	0	0.1	0.3
31	3/29/2017	17:46:44	0	0	0	0	0.1	0.4
32	3/29/2017	17:56:44	0	0	0	0	0.2	0.5
33	3/29/2017	18:06:44	0	0	0	0	0.2	0.4
34	3/29/2017	18:16:44	0	0	0	0	0.2	0.3
35	3/29/2017	18:26:44	0	0	0	0	0.2	0.3
36	3/29/2017	18:36:44	0	0	0	0	0.2	0.3
37	3/29/2017	18:46:44	0	0	0	0	0.2	0.3
38	3/29/2017	18:56:44	0	0	0	0	0.2	0.3
39	3/29/2017	19:06:44	0	0	0	0	0.2	0.4
40	3/29/2017	19:16:44	0	0	0	0	0.2	0.5
41	3/29/2017	19:26:44	0	0	0	0	0.2	0.7
42	3/29/2017	19:36:44	0	0	0	0	0.2	0.6

43	3/29/2017	19:46:44	0	0	0	0	0.2	0.3
44	3/29/2017	19:56:44	0	0	0	0	0.2	0.2
45	3/29/2017	20:06:44	0	0	0	0	0.2	0.1
46	3/29/2017	20:16:44	0	0	0	0	0.2	0.1
47	3/29/2017	20:26:44	0	0	0	0	0.2	0.1
48	3/29/2017	20:36:44	0	0	0	0	0.2	0.1
49	3/29/2017	20:46:44	0	0	0	0	0.2	0.1
50	3/29/2017	20:56:44	0	0	0	0	0.2	0.1
51	3/29/2017	21:06:44	0	0	0	0	0.2	0.2
52	3/29/2017	21:16:44	0	0	0	0	0.2	0.2
53	3/29/2017	21:26:44	0	0	0	0	0.2	0.1
54	3/29/2017	21:36:44	0	0	0	0	0.2	0.3
55	3/29/2017	21:46:44	0	0	0	0	0.3	0.3
56	3/29/2017	21:56:44	0	0	0	0	0.3	0.1
57	3/29/2017	22:06:44	0	0	0	0	0.3	0.1
58	3/29/2017	22:16:44	0	0	0	0	0.3	0.1
59	3/29/2017	22:26:44	0	0	0	0	0.3	0.1
60	3/29/2017	22:36:44	0	0	0	0	0.3	0.1
61	3/29/2017	22:46:44	0	0	0	0	0.3	0.1
62	3/29/2017	22:56:44	0	0	0	0	0.3	0.1
63	3/29/2017	23:06:44	0	0	0	0	0.3	0.2
64	3/29/2017	23:16:44	0	0	0	0	0.3	0.3
65	3/29/2017	23:26:44	0	0	0	0	0.3	0.2
66	3/29/2017	23:36:44	0	0	0	0	0.3	0.1
67	3/29/2017	23:46:44	0	0	0	0	0.3	0.5
68	3/29/2017	23:56:44	0	0	0	0	0.3	0.5
69	3/30/2017	0:06:44	0	0	0	0	0.3	0.3
70	3/30/2017	0:16:44	0	0	0	0	0.3	0.5
71	3/30/2017	0:26:44	0	0	0	0	0.3	0.3
72	3/30/2017	0:36:44	0	0	0	0	0.3	0.1
73	3/30/2017	0:46:44	0	0	0	0	0.3	0.3
74	3/30/2017	0:56:44	0	0	0	0	0.3	0.3
75	3/30/2017	1:06:44	0	0	0	0	0.3	0.3
76	3/30/2017	1:16:44	0	0	0	0	0.3	0.2
77	3/30/2017	1:26:44	0	0	0	0	0.4	1.5
78	3/30/2017	1:36:44	0	0	0	0	0.4	1.5
79	3/30/2017	1:46:44	0	0	0	0	0.4	0.2
80	3/30/2017	1:56:44	0	0	0	0	0.4	0.1
81	3/30/2017	2:06:44	0	0	0	0	0.4	0.1
82	3/30/2017	2:16:44	0	0	0	0	0.4	0.1
83	3/30/2017	2:26:44	0	0	0	0	0.4	0.2
84	3/30/2017	2:36:44	0	0	0	0	0.4	0.3
85	3/30/2017	2:46:44	0	0	0	0	0.4	0.2
86	3/30/2017	2:56:44	0	0	0	0	0.4	0.3
87	3/30/2017	3:06:44	0	0	0	0	0.4	0.4
88	3/30/2017	3:16:44	0	0	0	0	0.4	0.3
89	3/30/2017	3:26:44	0	0	0	0	0.4	0.2
90	3/30/2017	3:36:44	0	0	0	0	0.4	0.2
91	3/30/2017	3:46:44	0	0	0	0	0.4	0.1
92	3/30/2017	3:56:44	0	0	0	0	0.4	0.3
93	3/30/2017	4:06:44	0	0	0	0	0.4	0.3
94	3/30/2017	4:16:44	0	0	0	0	0.4	0.3
95	3/30/2017	4:26:44	0	0	0	0	0.4	0.3
96	3/30/2017	4:36:44	0	0	0	0	0.4	0.3
97	3/30/2017	4:46:44	0	0	0	0	0.4	0.4
98	3/30/2017	4:56:44	0	0	0	0	0.5	0.5
99	3/30/2017	5:06:44	0	0	0	0	0.5	0.5

100	3/30/2017	5:16:44	0	0	0	0	0.5	0.5
101	3/30/2017	5:26:44	0	0	0	0	0.5	0.4
102	3/30/2017	5:36:44	0	0	0	0	0.5	0.3
103	3/30/2017	5:46:44	0	0	0	0	0.5	0.3
104	3/30/2017	5:56:44	0	0	0	0	0.5	0.2
105	3/30/2017	6:06:44	0	0	0	0	0.5	0.1
106	3/30/2017	6:16:44	0	0	0	0	0.5	0.2
107	3/30/2017	6:26:44	0	0	0	0	0.5	0.2
108	3/30/2017	6:36:44	0	0	0	0	0.5	0.2
109	3/30/2017	6:46:44	0	0	0	0	0.5	0.3
110	3/30/2017	6:56:44	0	0	0	0	0.5	0.4
111	3/30/2017	7:06:44	0	0	0	0	0.5	0.5
112	3/30/2017	7:16:44	0	0	0	0	0.5	0.5
113	3/30/2017	7:26:44	0	0	0	0	0.5	0.7
114	3/30/2017	7:36:44	0	0	0	0	0.6	0.7
115	3/30/2017	7:46:44	0	0	0	0	0.6	0.7
116	3/30/2017	7:56:44	0	0	0	0	0.6	0.6
117	3/30/2017	8:06:44	0	0	0	0	0.6	0.5
118	3/30/2017	8:16:44	0	0	0	0	0.6	0.7
119	3/30/2017	8:26:44	0	0	0	0	0.6	0.5
120	3/30/2017	8:36:44	0	0	0	0	0.6	0.4
121	3/30/2017	8:46:44	0	0	0	0	0.6	0.5
122	3/30/2017	8:56:44	0	0	0	0	0.6	0.5
123	3/30/2017	9:06:44	0	0	0	0	0.6	0.3
124	3/30/2017	9:16:44	0	0	0	0	0.6	0.5
125	3/30/2017	9:26:44	0	0	0	0	0.6	0.5
126	3/30/2017	9:36:44	0	0	0	0	0.7	0.5
127	3/30/2017	9:46:44	0	0	0	0	0.7	0.5
128	3/30/2017	9:56:44	0	0	0	0	0.7	0.7
129	3/30/2017	10:06:44	0	0	0	0	0.7	0.7
130	3/30/2017	10:16:44	0	0	0	0	0.7	0.3
131	3/30/2017	10:26:44	0	0	0	0	0.7	0.4
132	3/30/2017	10:36:44	0	0	0	0	0.7	0.3
133	3/30/2017	10:46:44	0	0	0	0	0.7	0.3
134	3/30/2017	10:56:44	0	0	0	0	0.7	0.3
135	3/30/2017	11:06:44	0	0	0	0	0.8	2.2
136	3/30/2017	11:16:44	0	0	0	0	0.8	4.1
137	3/30/2017	11:26:44	0	0	0	0	0.8	2.6
138	3/30/2017	11:36:44	0	0	0	0	0.9	1.7
139	3/30/2017	11:46:44	0	0	0	0	0.9	1.1
140	3/30/2017	11:56:44	0	0	0	0	0.9	1.2
141	3/30/2017	12:06:44	0	0	0	0	0.9	1.3
142	3/30/2017	12:16:44	0	0	0	0	0.9	0.2
143	3/30/2017	12:26:44	0	0	0	0	0.9	0.7
144	3/30/2017	12:36:44	0	0	0	0	0.9	0.8

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17/03/30 12:36

Summary

Unit Name MultiRAE(PGM-6228)
Unit SN MBB3Z064Q8
Unit Firmware Ver V1.31

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No

Stop Reason Pause in Menu Mode

Site ID 194
 User ID 0

Begin 3/30/2017 12:36:44
 End 3/31/2017 10:59:49
 Sample Period(s) 600
 Number of Records 134

Sensor LEL(%LEL) OXY(%) H2S(ppm) CO(ppm) VOC(ppm)
 Sensor SN SC03111289 SC0342108 SC03AR0062S1 SC0306033 SC03A40150Q7

Measure	Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span			50	18	1	50	10															
Span		2 N/A	N/A	N/A	N/A		1000															
Low	Alarm		10	19.5	10	35	50															
High	Alarm		20	23.5	20	200	100															
Over	Alarm		100	30	100	500	5000															
STEL	Alarm	N/A	N/A		15	100	25															
TWA	Alarm	N/A	N/A		10	35	10															
Measurem Gas(CF)		Methane(1.0	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration Time		3/24/2017	15:03	3/24/2017	15:03	3/24/2017	15:05	3/24/2017	15:03	3/24/2017	15:05											
Peak			0	20.9	0	0	2.4															
Min			0	20.9	0	0	0															
Average			0	20.9	0	0	0.3															

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)		
1	3/30/2017 12:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.6	1.8	1	
2	3/30/2017 12:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.6	2	0.5	
3	3/30/2017 13:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	1.6	0.2	
4	3/30/2017 13:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	1.1	1.1	
5	3/30/2017 13:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	1.3	0.2	
6	3/30/2017 13:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.2	
7	3/30/2017 13:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	1	0.2	
8	3/30/2017 13:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.4	1.3	0.7	
9	3/30/2017 14:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	1.1	0.1	
10	3/30/2017 14:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.7	0.1	
11	3/30/2017 14:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.3	
12	3/30/2017 14:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.4	
13	3/30/2017 14:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.2	
14	3/30/2017 14:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.2	
15	3/30/2017 15:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.4	0.8	0.1	
16	3/30/2017 15:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.9	0.2	
17	3/30/2017 15:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.2	
18	3/30/2017 15:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.7	0.3	
19	3/30/2017 15:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.6	0.2	
20	3/30/2017 15:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.1	
21	3/30/2017 16:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.7	0.3	
22	3/30/2017 16:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	1.3	0.1	
23	3/30/2017 16:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.7	0.1	
24	3/30/2017 16:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.4	0.1	
25	3/30/2017 16:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.3	
26	3/30/2017 16:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.6	0.4	
27	3/30/2017 17:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.7	0.2	

85	3/31/2017	2:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.4	0.1
86	3/31/2017	2:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
87	3/31/2017	3:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
88	3/31/2017	3:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1
89	3/31/2017	3:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.2
90	3/31/2017	3:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.1
91	3/31/2017	3:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.3
92	3/31/2017	3:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.1
93	3/31/2017	4:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.6	0.1
94	3/31/2017	4:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.3
95	3/31/2017	4:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.1
96	3/31/2017	4:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.2
97	3/31/2017	4:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.4	0.3
98	3/31/2017	4:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.2
99	3/31/2017	5:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.1
100	3/31/2017	5:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
101	3/31/2017	5:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.7	0
102	3/31/2017	5:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.5	0.3
103	3/31/2017	5:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.7	0.3
104	3/31/2017	5:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.5
105	3/31/2017	6:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1	0.6
106	3/31/2017	6:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.2	0.1
107	3/31/2017	6:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.3
108	3/31/2017	6:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.6	0.2
109	3/31/2017	6:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.4	0.3
110	3/31/2017	6:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.3	0.8	0.5
111	3/31/2017	7:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.3	1
112	3/31/2017	7:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	2	1.1
113	3/31/2017	7:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.6	3.2	0.4
114	3/31/2017	7:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	2.9	0.2
115	3/31/2017	7:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.8	0.7
116	3/31/2017	7:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	2.5	0.8
117	3/31/2017	8:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	2.8	0.6
118	3/31/2017	8:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.5	1.9	0.1
119	3/31/2017	8:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	2.3	0.1
120	3/31/2017	8:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.3	6.7	0.4
121	3/31/2017	8:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	3.7	0.1
122	3/31/2017	8:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.2	0.4
123	3/31/2017	9:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0
124	3/31/2017	9:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1.4	1.4
125	3/31/2017	9:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2.3	0.6
126	3/31/2017	9:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.8	0.1
127	3/31/2017	9:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.2
128	3/31/2017	9:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	2.4	2.4
129	3/31/2017	10:06:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	3.1	0.5
130	3/31/2017	10:16:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.5	1.7	0.3
131	3/31/2017	10:26:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.2	0.7
132	3/31/2017	10:36:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.6	0.3
133	3/31/2017	10:46:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.5	0.2
134	3/31/2017	10:56:44	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1	0.6
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.3	6.7	2.4
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.3

TWA/STEL

H2S(ppm) H2S(ppm) CO(ppm) CO(ppm) VOC(ppm) VOC(ppm)

Index	Date/Time	(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)	
1	3/30/2017	12:46:44	0 ---		0 ---		0 ---	
2	3/30/2017	12:56:44	0	0	0	0	0	1
3	3/30/2017	13:06:44	0	0	0	0	0	0.5
4	3/30/2017	13:16:44	0	0	0	0	0.1	0.9
5	3/30/2017	13:26:44	0	0	0	0	0.1	0.9
6	3/30/2017	13:36:44	0	0	0	0	0.1	0.3
7	3/30/2017	13:46:44	0	0	0	0	0.1	0.3
8	3/30/2017	13:56:44	0	0	0	0	0.1	0.6
9	3/30/2017	14:06:44	0	0	0	0	0.1	0.5
10	3/30/2017	14:16:44	0	0	0	0	0.1	0.1
11	3/30/2017	14:26:44	0	0	0	0	0.1	0.3
12	3/30/2017	14:36:44	0	0	0	0	0.1	0.5
13	3/30/2017	14:46:44	0	0	0	0	0.1	0.4
14	3/30/2017	14:56:44	0	0	0	0	0.1	0.3
15	3/30/2017	15:06:44	0	0	0	0	0.1	0.2
16	3/30/2017	15:16:44	0	0	0	0	0.1	0.2
17	3/30/2017	15:26:44	0	0	0	0	0.1	0.3
18	3/30/2017	15:36:44	0	0	0	0	0.1	0.3
19	3/30/2017	15:46:44	0	0	0	0	0.1	0.3
20	3/30/2017	15:56:44	0	0	0	0	0.1	0.2
21	3/30/2017	16:06:44	0	0	0	0	0.1	0.3
22	3/30/2017	16:16:44	0	0	0	0	0.1	0.3
23	3/30/2017	16:26:44	0	0	0	0	0.1	0.1
24	3/30/2017	16:36:44	0	0	0	0	0.1	0.1
25	3/30/2017	16:46:44	0	0	0	0	0.2	0.3
26	3/30/2017	16:56:44	0	0	0	0	0.2	0.5
27	3/30/2017	17:06:44	0	0	0	0	0.2	0.4
28	3/30/2017	17:16:44	0	0	0	0	0.2	0.5
29	3/30/2017	17:26:44	0	0	0	0	0.2	0.5
30	3/30/2017	17:36:44	0	0	0	0	0.2	0.3
31	3/30/2017	17:46:44	0	0	0	0	0.2	0.3
32	3/30/2017	17:56:44	0	0	0	0	0.2	0.2
33	3/30/2017	18:06:44	0	0	0	0	0.2	0.1
34	3/30/2017	18:16:44	0	0	0	0	0.2	0.1
35	3/30/2017	18:26:44	0	0	0	0	0.2	0.2
36	3/30/2017	18:36:44	0	0	0	0	0.2	0.5
37	3/30/2017	18:46:44	0	0	0	0	0.2	0.5
38	3/30/2017	18:56:44	0	0	0	0	0.2	0.1
39	3/30/2017	19:06:44	0	0	0	0	0.2	0.3
40	3/30/2017	19:16:44	0	0	0	0	0.2	0.6
41	3/30/2017	19:26:44	0	0	0	0	0.2	0.5
42	3/30/2017	19:36:44	0	0	0	0	0.2	0.2
43	3/30/2017	19:46:44	0	0	0	0	0.2	0.1
44	3/30/2017	19:56:44	0	0	0	0	0.2	0.2
45	3/30/2017	20:06:44	0	0	0	0	0.3	0.2
46	3/30/2017	20:16:44	0	0	0	0	0.3	0.1
47	3/30/2017	20:26:44	0	0	0	0	0.3	0.1
48	3/30/2017	20:36:44	0	0	0	0	0.3	0.2
49	3/30/2017	20:46:44	0	0	0	0	0.3	0.5
50	3/30/2017	20:56:44	0	0	0	0	0.3	0.6
51	3/30/2017	21:06:44	0	0	0	0	0.3	0.5
52	3/30/2017	21:16:44	0	0	0	0	0.3	0.5
53	3/30/2017	21:26:44	0	0	0	0	0.3	0.3
54	3/30/2017	21:36:44	0	0	0	0	0.3	0.3
55	3/30/2017	21:46:44	0	0	0	0	0.3	0.2
56	3/30/2017	21:56:44	0	0	0	0	0.3	0.3

57	3/30/2017	22:06:44	0	0	0	0	0.3	0.2
58	3/30/2017	22:16:44	0	0	0	0	0.3	0.1
59	3/30/2017	22:26:44	0	0	0	0	0.3	0.1
60	3/30/2017	22:36:44	0	0	0	0	0.3	0.1
61	3/30/2017	22:46:44	0	0	0	0	0.3	0.1
62	3/30/2017	22:56:44	0	0	0	0	0.3	0.1
63	3/30/2017	23:06:44	0	0	0	0	0.3	0.2
64	3/30/2017	23:16:44	0	0	0	0	0.3	0.2
65	3/30/2017	23:26:44	0	0	0	0	0.3	0.1
66	3/30/2017	23:36:44	0	0	0	0	0.3	0.1
67	3/30/2017	23:46:44	0	0	0	0	0.3	0.1
68	3/30/2017	23:56:44	0	0	0	0	0.3	0.2
69	3/31/2017	0:06:44	0	0	0	0	0.3	0.2
70	3/31/2017	0:16:44	0	0	0	0	0.3	0.1
71	3/31/2017	0:26:44	0	0	0	0	0.3	0.1
72	3/31/2017	0:36:44	0	0	0	0	0.3	0.1
73	3/31/2017	0:46:44	0	0	0	0	0.3	0.1
74	3/31/2017	0:56:44	0	0	0	0	0.3	0.1
75	3/31/2017	1:06:44	0	0	0	0	0.4	0.1
76	3/31/2017	1:16:44	0	0	0	0	0.4	0.3
77	3/31/2017	1:26:44	0	0	0	0	0.4	0.3
78	3/31/2017	1:36:44	0	0	0	0	0.4	0.1
79	3/31/2017	1:46:44	0	0	0	0	0.4	0.2
80	3/31/2017	1:56:44	0	0	0	0	0.4	0.3
81	3/31/2017	2:06:44	0	0	0	0	0.4	0.2
82	3/31/2017	2:16:44	0	0	0	0	0.4	0.1
83	3/31/2017	2:26:44	0	0	0	0	0.4	0.3
84	3/31/2017	2:36:44	0	0	0	0	0.4	0.3
85	3/31/2017	2:46:44	0	0	0	0	0.4	0.1
86	3/31/2017	2:56:44	0	0	0	0	0.4	0.1
87	3/31/2017	3:06:44	0	0	0	0	0.4	0.1
88	3/31/2017	3:16:44	0	0	0	0	0.4	0.1
89	3/31/2017	3:26:44	0	0	0	0	0.4	0.2
90	3/31/2017	3:36:44	0	0	0	0	0.4	0.2
91	3/31/2017	3:46:44	0	0	0	0	0.4	0.3
92	3/31/2017	3:56:44	0	0	0	0	0.4	0.3
93	3/31/2017	4:06:44	0	0	0	0	0.4	0.1
94	3/31/2017	4:16:44	0	0	0	0	0.4	0.3
95	3/31/2017	4:26:44	0	0	0	0	0.4	0.3
96	3/31/2017	4:36:44	0	0	0	0	0.4	0.2
97	3/31/2017	4:46:44	0	0	0	0	0.4	0.3
98	3/31/2017	4:56:44	0	0	0	0	0.4	0.3
99	3/31/2017	5:06:44	0	0	0	0	0.4	0.2
100	3/31/2017	5:16:44	0	0	0	0	0.4	0.1
101	3/31/2017	5:26:44	0	0	0	0	0.4	0.1
102	3/31/2017	5:36:44	0	0	0	0	0.4	0.2
103	3/31/2017	5:46:44	0	0	0	0	0.4	0.4
104	3/31/2017	5:56:44	0	0	0	0	0.5	0.5
105	3/31/2017	6:06:44	0	0	0	0	0.5	0.7
106	3/31/2017	6:16:44	0	0	0	0	0.5	0.5
107	3/31/2017	6:26:44	0	0	0	0	0.5	0.3
108	3/31/2017	6:36:44	0	0	0	0	0.5	0.3
109	3/31/2017	6:46:44	0	0	0	0	0.5	0.3
110	3/31/2017	6:56:44	0	0	0	0	0.5	0.5
111	3/31/2017	7:06:44	0	0	0	0	0.5	1
112	3/31/2017	7:16:44	0	0	0	0	0.5	1.4
113	3/31/2017	7:26:44	0	0	0	0	0.6	1

Average 0 20.9 0 0 0.4

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(% (Min)	OXY(% (Avg)	OXY(% (Max)	OXY(% (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	3/31/2017 11:10:20	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.9	0.1
2	3/31/2017 11:20:20	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.4	1.7	1
3	3/31/2017 11:30:20	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.6	2.1	1
4	3/31/2017 11:40:20	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	1.9	0.2
5	3/31/2017 11:50:20	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.5	2.3	0.1
6	3/31/2017 12:00:20	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.3	1.1	0.2
7	3/31/2017 12:10:20	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	2.7	0.1
8	3/31/2017 12:20:20	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	1.1	0.8
9	3/31/2017 12:30:20	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	1.4	0.4
10	3/31/2017 12:40:20	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	1.2	0.1
Peak		0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.6	2.7	1
Min		0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.9	0.1
Average		0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	1.6	0.4

TWA/STEL

Index	Date/Time	H2S(ppm) (TWA)	H2S(ppm) (STEL)	CO(ppm) (TWA)	CO(ppm) (STEL)	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1	3/31/2017 11:10:20	0	---	0	---	0	---
2	3/31/2017 11:20:20	0	0	0	0	0	0.7
3	3/31/2017 11:30:20	0	0	0	0	0	1.3
4	3/31/2017 11:40:20	0	0	0	0	0	0.8
5	3/31/2017 11:50:20	0	0	0	0	0	0.2
6	3/31/2017 12:00:20	0	0	0	0	0.1	0.2
7	3/31/2017 12:10:20	0	0	0	0	0.1	0.2
8	3/31/2017 12:20:20	0	0	0	0	0.1	0.6
9	3/31/2017 12:30:20	0	0	0	0	0.1	0.8
10	3/31/2017 12:40:20	0	0	0	0	0.1	0.3

127	3/28/2017	10:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
128	3/28/2017	10:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
129	3/28/2017	10:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
130	3/28/2017	10:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
131	3/28/2017	10:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
132	3/28/2017	11:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
133	3/28/2017	11:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
134	3/28/2017	11:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
135	3/28/2017	11:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
136	3/28/2017	11:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
137	3/28/2017	11:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
138	3/28/2017	12:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
139	3/28/2017	12:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
140	3/28/2017	12:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
141	3/28/2017	12:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
142	3/28/2017	12:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
143	3/28/2017	12:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
144	3/28/2017	13:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	5.7	29.7	15.7
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.8	0.1

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/27/2017	13:15:06	0	---	0	---	0	---
2	3/27/2017	13:25:06	0	0	0	0	0	0
3	3/27/2017	13:35:06	0	0	0	0	0	0
4	3/27/2017	13:45:06	0	0	0	0	0	0
5	3/27/2017	13:55:06	0	0	0	0	0	0
6	3/27/2017	14:05:06	0	0	0	0	0	0
7	3/27/2017	14:15:06	0	0	0	0	0	0
8	3/27/2017	14:25:06	0	0	0	0	0	0
9	3/27/2017	14:35:06	0	0	0	0	0	0
10	3/27/2017	14:45:06	0	0	0	0	0	0
11	3/27/2017	14:55:06	0	0	0	0	0	0
12	3/27/2017	15:05:06	0	0	0	0	0	0
13	3/27/2017	15:15:06	0	0	0	0	0	0
14	3/27/2017	15:25:06	0	0	0	0	0	0
15	3/27/2017	15:35:06	0	0	0	0	0	0
16	3/27/2017	15:45:06	0	0	0	0	0	0
17	3/27/2017	15:55:06	0	0	0	0	0	0
18	3/27/2017	16:05:06	0	0	0	0	0	0
19	3/27/2017	16:15:06	0	0	0	0	0	0
20	3/27/2017	16:25:06	0	0	0	0	0	0
21	3/27/2017	16:35:06	0	0	0	0	0	0
22	3/27/2017	16:45:06	0	0	0	0	0	0
23	3/27/2017	16:55:06	0	0	0	0	0	0
24	3/27/2017	17:05:06	0	0	0	0	0	0
25	3/27/2017	17:15:06	0	0	0	0	0	0
26	3/27/2017	17:25:06	0	0	0	0	0	0
27	3/27/2017	17:35:06	0	0	0	0	0	0
28	3/27/2017	17:45:06	0	0	0	0	0	0
29	3/27/2017	17:55:06	0	0	0	0	0	0
30	3/27/2017	18:05:06	0	0	0	0	0	0

31	3/27/2017	18:15:06	0	0	0	0	0	0
32	3/27/2017	18:25:06	0	0	0	0	0	0
33	3/27/2017	18:35:06	0	0	0	0	0	0
34	3/27/2017	18:45:06	0	0	0	0	0	0
35	3/27/2017	18:55:06	0	0	0	0	0	0
36	3/27/2017	19:05:06	0	0	0	0	0	0
37	3/27/2017	19:15:06	0	0	0	0	0	0
38	3/27/2017	19:25:06	0	0	0	0	0	0
39	3/27/2017	19:35:06	0	0	0	0	0	0
40	3/27/2017	19:45:06	0	0	0	0	0.3	10.5
41	3/27/2017	19:55:06	0	0	0	0	0.3	10.5
42	3/27/2017	20:05:06	0	0	0	0	0.3	0
43	3/27/2017	20:15:06	0	0	0	0	0.3	0
44	3/27/2017	20:25:06	0	0	0	0	0.3	0
45	3/27/2017	20:35:06	0	0	0	0	0.3	0
46	3/27/2017	20:45:06	0	0	0	0	0.3	0
47	3/27/2017	20:55:06	0	0	0	0	0.3	0
48	3/27/2017	21:05:06	0	0	0	0	0.3	0
49	3/27/2017	21:15:06	0	0	0	0	0.3	0
50	3/27/2017	21:25:06	0	0	0	0	0.3	0
51	3/27/2017	21:35:06	0	0	0	0	0.3	0
52	3/27/2017	21:45:06	0	0	0	0	0.3	0
53	3/27/2017	21:55:06	0	0	0	0	0.3	0
54	3/27/2017	22:05:06	0	0	0	0	0.3	0
55	3/27/2017	22:15:06	0	0	0	0	0.3	0
56	3/27/2017	22:25:06	0	0	0	0	0.3	0
57	3/27/2017	22:35:06	0	0	0	0	0.3	0
58	3/27/2017	22:45:06	0	0	0	0	0.3	0
59	3/27/2017	22:55:06	0	0	0	0	0.3	0
60	3/27/2017	23:05:06	0	0	0	0	0.3	0.3
61	3/27/2017	23:15:06	0	0	0	0	0.3	0.5
62	3/27/2017	23:25:06	0	0	0	0	0.3	0.2
63	3/27/2017	23:35:06	0	0	0	0	0.3	0
64	3/27/2017	23:45:06	0	0	0	0	0.3	0
65	3/27/2017	23:55:06	0	0	0	0	0.3	0
66	3/28/2017	0:05:06	0	0	0	0	0.3	0
67	3/28/2017	0:15:06	0	0	0	0	0.3	0
68	3/28/2017	0:25:06	0	0	0	0	0.3	0
69	3/28/2017	0:35:06	0	0	0	0	0.3	0
70	3/28/2017	0:45:06	0	0	0	0	0.3	0
71	3/28/2017	0:55:06	0	0	0	0	0.3	0
72	3/28/2017	1:05:06	0	0	0	0	0.3	0
73	3/28/2017	1:15:06	0	0	0	0	0.3	0
74	3/28/2017	1:25:06	0	0	0	0	0.3	0
75	3/28/2017	1:35:06	0	0	0	0	0.3	0
76	3/28/2017	1:45:06	0	0	0	0	0.3	0
77	3/28/2017	1:55:06	0	0	0	0	0.3	0
78	3/28/2017	2:05:06	0	0	0	0	0.3	0
79	3/28/2017	2:15:06	0	0	0	0	0.3	0
80	3/28/2017	2:25:06	0	0	0	0	0.3	0
81	3/28/2017	2:35:06	0	0	0	0	0.3	0
82	3/28/2017	2:45:06	0	0	0	0	0.3	0
83	3/28/2017	2:55:06	0	0	0	0	0.3	0
84	3/28/2017	3:05:06	0	0	0	0	0.3	0
85	3/28/2017	3:15:06	0	0	0	0	0.3	0
86	3/28/2017	3:25:06	0	0	0	0	0.3	0

87	3/28/2017	3:35:06	0	0	0	0	0.3	0
88	3/28/2017	3:45:06	0	0	0	0	0.3	0
89	3/28/2017	3:55:06	0	0	0	0	0.3	0
90	3/28/2017	4:05:06	0	0	0	0	0.3	0
91	3/28/2017	4:15:06	0	0	0	0	0.3	0
92	3/28/2017	4:25:06	0	0	0	0	0.3	0
93	3/28/2017	4:35:06	0	0	0	0	0.3	0
94	3/28/2017	4:45:06	0	0	0	0	0.3	0
95	3/28/2017	4:55:06	0	0	0	0	0.3	0
96	3/28/2017	5:05:06	0	0	0	0	0.3	0
97	3/28/2017	5:15:06	0	0	0	0	0.3	0
98	3/28/2017	5:25:06	0	0	0	0	0.3	0
99	3/28/2017	5:35:06	0	0	0	0	0.3	0
100	3/28/2017	5:45:06	0	0	0	0	0.3	0
101	3/28/2017	5:55:06	0	0	0	0	0.3	0
102	3/28/2017	6:05:06	0	0	0	0	0.3	0
103	3/28/2017	6:15:06	0	0	0	0	0.3	0
104	3/28/2017	6:25:06	0	0	0	0	0.3	0
105	3/28/2017	6:35:06	0	0	0	0	0.3	0
106	3/28/2017	6:45:06	0	0	0	0	0.3	0
107	3/28/2017	6:55:06	0	0	0	0	0.3	0
108	3/28/2017	7:05:06	0	0	0	0	0.3	0
109	3/28/2017	7:15:06	0	0	0	0	0.3	0
110	3/28/2017	7:25:06	0	0	0	0	0.3	0
111	3/28/2017	7:35:06	0	0	0	0	0.3	0
112	3/28/2017	7:45:06	0	0	0	0	0.3	0
113	3/28/2017	7:55:06	0	0	0	0	0.4	0.4
114	3/28/2017	8:05:06	0	0	0	0	0.4	0.4
115	3/28/2017	8:15:06	0	0	0	0	0.4	0
116	3/28/2017	8:25:06	0	0	0	0	0.4	0.8
117	3/28/2017	8:35:06	0	0	0	0	0.4	1.5
118	3/28/2017	8:45:06	0	0	0	0	0.4	0.7
119	3/28/2017	8:55:06	0	0	0	0	0.4	0
120	3/28/2017	9:05:06	0	0	0	0	0.4	0
121	3/28/2017	9:15:06	0	0	0	0	0.4	0
122	3/28/2017	9:25:06	0	0	0	0	0.4	0
123	3/28/2017	9:35:06	0	0	0	0	0.4	0
124	3/28/2017	9:45:06	0	0	0	0	0.4	0
125	3/28/2017	9:55:06	0	0	0	0	0.4	0
126	3/28/2017	10:05:06	0	0	0	0	0.4	0
127	3/28/2017	10:15:06	0	0	0	0	0.4	0
128	3/28/2017	10:25:06	0	0	0	0	0.4	0
129	3/28/2017	10:35:06	0	0	0	0	0.4	0
130	3/28/2017	10:45:06	0	0	0	0	0.4	0
131	3/28/2017	10:55:06	0	0	0	0	0.4	0
132	3/28/2017	11:05:06	0	0	0	0	0.4	0
133	3/28/2017	11:15:06	0	0	0	0	0.4	0
134	3/28/2017	11:25:06	0	0	0	0	0.4	0
135	3/28/2017	11:35:06	0	0	0	0	0.4	0
136	3/28/2017	11:45:06	0	0	0	0	0.4	0
137	3/28/2017	11:55:06	0	0	0	0	0.4	0
138	3/28/2017	12:05:06	0	0	0	0	0.4	0
139	3/28/2017	12:15:06	0	0	0	0	0.4	0
140	3/28/2017	12:25:06	0	0	0	0	0.4	0
141	3/28/2017	12:35:06	0	0	0	0	0.4	0
142	3/28/2017	12:45:06	0	0	0	0	0.4	0

69	3/29/2017	0:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.7	3	0
70	3/29/2017	0:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.8	0.2
71	3/29/2017	0:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1	4.7	0
72	3/29/2017	1:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
73	3/29/2017	1:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
74	3/29/2017	1:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	1.8	0
75	3/29/2017	1:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.3	3.3	0
76	3/29/2017	1:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.6	1.6	0.4
77	3/29/2017	1:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	1.2	0
78	3/29/2017	2:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1
79	3/29/2017	2:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.1	3.4	0
80	3/29/2017	2:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	2.8	7.3	1.6
81	3/29/2017	2:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.5	2.7	0
82	3/29/2017	2:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	4.1	8.6	3.1
83	3/29/2017	2:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	3.5	3.5
84	3/29/2017	3:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	1.1	3.6	6.4	2.1
85	3/29/2017	3:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.3	4.4	0.1
86	3/29/2017	3:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0
87	3/29/2017	3:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.8	5	0.3
88	3/29/2017	3:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	2.3	7.3	2.6
89	3/29/2017	3:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	1.5	4.8	6.9	1.5
90	3/29/2017	4:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.6	0
91	3/29/2017	4:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.9	0
92	3/29/2017	4:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	4.2	8.2	7.2
93	3/29/2017	4:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.2	8.7	1.8
94	3/29/2017	4:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	2.6	9.1	0
95	3/29/2017	4:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	4	11.6	9.4
96	3/29/2017	5:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	3.5	9.3	7.4
97	3/29/2017	5:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	4.2	10.9	0.2
98	3/29/2017	5:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	2.5	14.9	0
99	3/29/2017	5:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	2.2	9.1	5
100	3/29/2017	5:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	3	5.9	10	3.2
101	3/29/2017	5:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.4	5	15.4	15
102	3/29/2017	6:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	1.1	9	18.8	3.8
103	3/29/2017	6:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	3.8	7.6	14.3	7.7
104	3/29/2017	6:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	3.1	14	13.4
105	3/29/2017	6:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	6.8	10.1	14.3	8.8
106	3/29/2017	6:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	4	9.4	0.1
107	3/29/2017	6:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	4.7	13.6	8.3
108	3/29/2017	7:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	2.9	7.5	9.9	2.9
109	3/29/2017	7:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	2.8	0
110	3/29/2017	7:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
111	3/29/2017	7:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	10.6	21.1	2.1
112	3/29/2017	7:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	2.5	7	0.1
113	3/29/2017	7:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.3	9.8	0.2
114	3/29/2017	8:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	2.1	9.9	6
115	3/29/2017	8:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	2.4	8.7	0.4
116	3/29/2017	8:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.7	8.7	0
117	3/29/2017	8:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1	5.8	0.4
118	3/29/2017	8:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.6	2.6	1
119	3/29/2017	8:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.2	3.2	8.6	0.5
120	3/29/2017	9:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.1	6.7	1.7
121	3/29/2017	9:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.6	4.2	0
122	3/29/2017	9:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.7	0
123	3/29/2017	9:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.8	0
124	3/29/2017	9:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	2.6	0

125	3/29/2017	9:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	3.9	0
126	3/29/2017	10:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	5.7	0
127	3/29/2017	10:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	3.5	0
128	3/29/2017	10:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	1.1	0
129	3/29/2017	10:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	2.3	0
130	3/29/2017	10:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	3.8	0
131	3/29/2017	10:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	2.3	0
132	3/29/2017	11:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	3.5	1
133	3/29/2017	11:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	3.6	0
134	3/29/2017	11:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	3	0.3
135	3/29/2017	11:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	2.4	0.1
136	3/29/2017	11:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	3	0
137	3/29/2017	11:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
138	3/29/2017	12:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	2.1	0
139	3/29/2017	12:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	2.3	1.4
140	3/29/2017	12:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	1.6	0
141	3/29/2017	12:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	1	0
142	3/29/2017	12:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	1	0
143	3/29/2017	12:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	3.2	0
144	3/29/2017	13:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	1.2	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	6.8	10.6	21.1	15
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1	3.1	0.9

TWA/STEL

Index	Date/Time	H2S(ppm) (TWA)	H2S(ppm) (STEL)	CO(ppm) (TWA)	CO(ppm) (STEL)	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1	3/28/2017 13:15:06	0	---	0	---	0	---
2	3/28/2017 13:25:06	0	0	0	0	0	0
3	3/28/2017 13:35:06	0	0	0	0	0	0
4	3/28/2017 13:45:06	0	0	0	0	0	0
5	3/28/2017 13:55:06	0	0	0	0	0	0
6	3/28/2017 14:05:06	0	0	0	0	0	0
7	3/28/2017 14:15:06	0	0	0	0	0	0
8	3/28/2017 14:25:06	0	0	0	0	0	0
9	3/28/2017 14:35:06	0	0	0	0	0	0
10	3/28/2017 14:45:06	0	0	0	0	0	0
11	3/28/2017 14:55:06	0	0	0	0	0	0
12	3/28/2017 15:05:06	0	0	0	0	0	0
13	3/28/2017 15:15:06	0	0	0	0	0	0
14	3/28/2017 15:25:06	0	0	0	0	0	0
15	3/28/2017 15:35:06	0	0	0	0	0	0
16	3/28/2017 15:45:06	0	0	0	0	0	0
17	3/28/2017 15:55:06	0	0	0	0	0	0
18	3/28/2017 16:05:06	0	0	0	0	0	0
19	3/28/2017 16:15:06	0	0	0	0	0	0
20	3/28/2017 16:25:06	0	0	0	0	0	0
21	3/28/2017 16:35:06	0	0	0	0	0	0
22	3/28/2017 16:45:06	0	0	0	0	0	0
23	3/28/2017 16:55:06	0	0	0	0	0	0
24	3/28/2017 17:05:06	0	0	0	0	0	0
25	3/28/2017 17:15:06	0	0	0	0	0	0
26	3/28/2017 17:25:06	0	0	0	0	0	0
27	3/28/2017 17:35:06	0	0	0	0	0	0
28	3/28/2017 17:45:06	0	0	0	0	0	0

29	3/28/2017	17:55:06	0	0	0	0	0	0
30	3/28/2017	18:05:06	0	0	0	0	0	0
31	3/28/2017	18:15:06	0	0	0	0	0	0
32	3/28/2017	18:25:06	0	0	0	0	0	0
33	3/28/2017	18:35:06	0	0	0	0	0	0
34	3/28/2017	18:45:06	0	0	0	0	0	0
35	3/28/2017	18:55:06	0	0	0	0	0	0
36	3/28/2017	19:05:06	0	0	0	0	0	0
37	3/28/2017	19:15:06	0	0	0	0	0	0
38	3/28/2017	19:25:06	0	0	0	0	0	0
39	3/28/2017	19:35:06	0	0	0	0	0	0
40	3/28/2017	19:45:06	0	0	0	0	0	0
41	3/28/2017	19:55:06	0	0	0	0	0	0
42	3/28/2017	20:05:06	0	0	0	0	0	0
43	3/28/2017	20:15:06	0	0	0	0	0	0
44	3/28/2017	20:25:06	0	0	0	0	0	0
45	3/28/2017	20:35:06	0	0	0	0	0	0
46	3/28/2017	20:45:06	0	0	0	0	0	0
47	3/28/2017	20:55:06	0	0	0	0	0	0
48	3/28/2017	21:05:06	0	0	0	0	0	0
49	3/28/2017	21:15:06	0	0	0	0	0	0
50	3/28/2017	21:25:06	0	0	0	0	0	0
51	3/28/2017	21:35:06	0	0	0	0	0	0
52	3/28/2017	21:45:06	0	0	0	0	0	0
53	3/28/2017	21:55:06	0	0	0	0	0	0
54	3/28/2017	22:05:06	0	0	0	0	0	0
55	3/28/2017	22:15:06	0	0	0	0	0	0
56	3/28/2017	22:25:06	0	0	0	0	0	0.1
57	3/28/2017	22:35:06	0	0	0	0	0	0.1
58	3/28/2017	22:45:06	0	0	0	0	0	0
59	3/28/2017	22:55:06	0	0	0	0	0	0
60	3/28/2017	23:05:06	0	0	0	0	0	0
61	3/28/2017	23:15:06	0	0	0	0	0	0
62	3/28/2017	23:25:06	0	0	0	0	0	0
63	3/28/2017	23:35:06	0	0	0	0	0	0
64	3/28/2017	23:45:06	0	0	0	0	0	0.4
65	3/28/2017	23:55:06	0	0	0	0	0	0.5
66	3/29/2017	0:05:06	0	0	0	0	0	0.1
67	3/29/2017	0:15:06	0	0	0	0	0	0
68	3/29/2017	0:25:06	0	0	0	0	0	0
69	3/29/2017	0:35:06	0	0	0	0	0	0
70	3/29/2017	0:45:06	0	0	0	0	0	0.1
71	3/29/2017	0:55:06	0	0	0	0	0	0.1
72	3/29/2017	1:05:06	0	0	0	0	0	0
73	3/29/2017	1:15:06	0	0	0	0	0	0
74	3/29/2017	1:25:06	0	0	0	0	0	0
75	3/29/2017	1:35:06	0	0	0	0	0	0
76	3/29/2017	1:45:06	0	0	0	0	0	0.3
77	3/29/2017	1:55:06	0	0	0	0	0	0.3
78	3/29/2017	2:05:06	0	0	0	0	0	0.1
79	3/29/2017	2:15:06	0	0	0	0	0	0.1
80	3/29/2017	2:25:06	0	0	0	0	0.1	1.1
81	3/29/2017	2:35:06	0	0	0	0	0.1	1.1
82	3/29/2017	2:45:06	0	0	0	0	0.1	2.1
83	3/29/2017	2:55:06	0	0	0	0	0.2	4.4
84	3/29/2017	3:05:06	0	0	0	0	0.2	3.7

85	3/29/2017	3:15:06	0	0	0	0	0.2	1.5
86	3/29/2017	3:25:06	0	0	0	0	0.2	0.1
87	3/29/2017	3:35:06	0	0	0	0	0.3	0.2
88	3/29/2017	3:45:06	0	0	0	0	0.3	1.9
89	3/29/2017	3:55:06	0	0	0	0	0.3	2.7
90	3/29/2017	4:05:06	0	0	0	0	0.3	1
91	3/29/2017	4:15:06	0	0	0	0	0.3	0
92	3/29/2017	4:25:06	0	0	0	0	0.5	4.8
93	3/29/2017	4:35:06	0	0	0	0	0.5	6
94	3/29/2017	4:45:06	0	0	0	0	0.5	1.2
95	3/29/2017	4:55:06	0	0	0	0	0.7	6.3
96	3/29/2017	5:05:06	0	0	0	0	0.9	11.2
97	3/29/2017	5:15:06	0	0	0	0	0.9	5.1
98	3/29/2017	5:25:06	0	0	0	0	0.9	0.1
99	3/29/2017	5:35:06	0	0	0	0	1	3.3
100	3/29/2017	5:45:06	0	0	0	0	1.1	5.5
101	3/29/2017	5:55:06	0	0	0	0	1.4	12.1
102	3/29/2017	6:05:06	0	0	0	0	1.4	12.5
103	3/29/2017	6:15:06	0	0	0	0	1.6	7.7
104	3/29/2017	6:25:06	0	0	0	0	1.9	14.1
105	3/29/2017	6:35:06	0	0	0	0	2.1	14.8
106	3/29/2017	6:45:06	0	0	0	0	2.1	5.9
107	3/29/2017	6:55:06	0	0	0	0	2.2	5.6
108	3/29/2017	7:05:06	0	0	0	0	2.3	7.5
109	3/29/2017	7:15:06	0	0	0	0	2.3	1.9
110	3/29/2017	7:25:06	0	0	0	0	2.3	0
111	3/29/2017	7:35:06	0	0	0	0	2.3	1.4
112	3/29/2017	7:45:06	0	0	0	0	2.3	1.5
113	3/29/2017	7:55:06	0	0	0	0	2.4	0.2
114	3/29/2017	8:05:06	0	0	0	0	2.5	4.1
115	3/29/2017	8:15:06	0	0	0	0	2.5	4.3
116	3/29/2017	8:25:06	0	0	0	0	2.5	0.3
117	3/29/2017	8:35:06	0	0	0	0	2.5	0.3
118	3/29/2017	8:45:06	0	0	0	0	2.5	0.9
119	3/29/2017	8:55:06	0	0	0	0	2.5	1
120	3/29/2017	9:05:06	0	0	0	0	2.6	1.5
121	3/29/2017	9:15:06	0	0	0	0	2.6	1.1
122	3/29/2017	9:25:06	0	0	0	0	2.6	0
123	3/29/2017	9:35:06	0	0	0	0	2.6	0
124	3/29/2017	9:45:06	0	0	0	0	2.6	0
125	3/29/2017	9:55:06	0	0	0	0	2.6	0
126	3/29/2017	10:05:06	0	0	0	0	2.6	0
127	3/29/2017	10:15:06	0	0	0	0	2.6	0
128	3/29/2017	10:25:06	0	0	0	0	2.6	0
129	3/29/2017	10:35:06	0	0	0	0	2.6	0
130	3/29/2017	10:45:06	0	0	0	0	2.6	0
131	3/29/2017	10:55:06	0	0	0	0	2.6	0
132	3/29/2017	11:05:06	0	0	0	0	2.6	0.7
133	3/29/2017	11:15:06	0	0	0	0	2.6	0.7
134	3/29/2017	11:25:06	0	0	0	0	2.6	0.2
135	3/29/2017	11:35:06	0	0	0	0	2.6	0.3
136	3/29/2017	11:45:06	0	0	0	0	2.6	0.1
137	3/29/2017	11:55:06	0	0	0	0	2.6	0
138	3/29/2017	12:05:06	0	0	0	0	2.6	0
139	3/29/2017	12:15:06	0	0	0	0	2.6	0.9
140	3/29/2017	12:25:06	0	0	0	0	2.6	0.9

123	3/30/2017	9:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
124	3/30/2017	9:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	
125	3/30/2017	9:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	
126	3/30/2017	10:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	
127	3/30/2017	10:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	
128	3/30/2017	10:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	
129	3/30/2017	10:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	
130	3/30/2017	10:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	
131	3/30/2017	10:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	
132	3/30/2017	11:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.9	0
133	3/30/2017	11:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
134	3/30/2017	11:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
135	3/30/2017	11:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
136	3/30/2017	11:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0.5	0
137	3/30/2017	11:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
138	3/30/2017	12:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0.3	0
139	3/30/2017	12:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
140	3/30/2017	12:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
141	3/30/2017	12:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
142	3/30/2017	12:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
143	3/30/2017	12:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
144	3/30/2017	13:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	3	14.1	7.4
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.8	0.1

TWA/STEL

Index	Date/Time	H2S(ppm) (TWA)	H2S(ppm) (STEL)	CO(ppm) (TWA)	CO(ppm) (STEL)	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1	3/29/2017 13:15:06	0	---	0	---	0	---
2	3/29/2017 13:25:06	0	0	0	0	0	0
3	3/29/2017 13:35:06	0	0	0	0	0	0
4	3/29/2017 13:45:06	0	0	0	0	0	0
5	3/29/2017 13:55:06	0	0	0	0	0	0
6	3/29/2017 14:05:06	0	0	0	0	0	0
7	3/29/2017 14:15:06	0	0	0	0	0	0
8	3/29/2017 14:25:06	0	0	0	0	0	0
9	3/29/2017 14:35:06	0	0	0	0	0	0
10	3/29/2017 14:45:06	0	0	0	0	0	0
11	3/29/2017 14:55:06	0	0	0	0	0	0
12	3/29/2017 15:05:06	0	0	0	0	0	0
13	3/29/2017 15:15:06	0	0	0	0	0	0
14	3/29/2017 15:25:06	0	0	0	0	0	0
15	3/29/2017 15:35:06	0	0	0	0	0	0
16	3/29/2017 15:45:06	0	0	0	0	0	0
17	3/29/2017 15:55:06	0	0	0	0	0	0
18	3/29/2017 16:05:06	0	0	0	0	0	0
19	3/29/2017 16:15:06	0	0	0	0	0	0
20	3/29/2017 16:25:06	0	0	0	0	0	0
21	3/29/2017 16:35:06	0	0	0	0	0	0
22	3/29/2017 16:45:06	0	0	0	0	0	0
23	3/29/2017 16:55:06	0	0	0	0	0	0
24	3/29/2017 17:05:06	0	0	0	0	0	0
25	3/29/2017 17:15:06	0	0	0	0	0	0
26	3/29/2017 17:25:06	0	0	0	0	0	0

27	3/29/2017	17:35:06	0	0	0	0	0	0
28	3/29/2017	17:45:06	0	0	0	0	0	0
29	3/29/2017	17:55:06	0	0	0	0	0	0
30	3/29/2017	18:05:06	0	0	0	0	0	0
31	3/29/2017	18:15:06	0	0	0	0	0	0
32	3/29/2017	18:25:06	0	0	0	0	0	0
33	3/29/2017	18:35:06	0	0	0	0	0	0
34	3/29/2017	18:45:06	0	0	0	0	0	0
35	3/29/2017	18:55:06	0	0	0	0	0	0
36	3/29/2017	19:05:06	0	0	0	0	0	0
37	3/29/2017	19:15:06	0	0	0	0	0	0
38	3/29/2017	19:25:06	0	0	0	0	0	0
39	3/29/2017	19:35:06	0	0	0	0	0	0
40	3/29/2017	19:45:06	0	0	0	0	0	0
41	3/29/2017	19:55:06	0	0	0	0	0	0
42	3/29/2017	20:05:06	0	0	0	0	0	0
43	3/29/2017	20:15:06	0	0	0	0	0	0
44	3/29/2017	20:25:06	0	0	0	0	0	0
45	3/29/2017	20:35:06	0	0	0	0	0	0
46	3/29/2017	20:45:06	0	0	0	0	0	0
47	3/29/2017	20:55:06	0	0	0	0	0	0
48	3/29/2017	21:05:06	0	0	0	0	0	0
49	3/29/2017	21:15:06	0	0	0	0	0	0
50	3/29/2017	21:25:06	0	0	0	0	0	0
51	3/29/2017	21:35:06	0	0	0	0	0	0
52	3/29/2017	21:45:06	0	0	0	0	0	0
53	3/29/2017	21:55:06	0	0	0	0	0	0
54	3/29/2017	22:05:06	0	0	0	0	0	0
55	3/29/2017	22:15:06	0	0	0	0	0	0
56	3/29/2017	22:25:06	0	0	0	0	0	0
57	3/29/2017	22:35:06	0	0	0	0	0	0
58	3/29/2017	22:45:06	0	0	0	0	0	0
59	3/29/2017	22:55:06	0	0	0	0	0	0
60	3/29/2017	23:05:06	0	0	0	0	0	0
61	3/29/2017	23:15:06	0	0	0	0	0	0
62	3/29/2017	23:25:06	0	0	0	0	0	0
63	3/29/2017	23:35:06	0	0	0	0	0	0
64	3/29/2017	23:45:06	0	0	0	0	0	0
65	3/29/2017	23:55:06	0	0	0	0	0	0
66	3/30/2017	0:05:06	0	0	0	0	0	0
67	3/30/2017	0:15:06	0	0	0	0	0	0
68	3/30/2017	0:25:06	0	0	0	0	0	0
69	3/30/2017	0:35:06	0	0	0	0	0	0
70	3/30/2017	0:45:06	0	0	0	0	0	0
71	3/30/2017	0:55:06	0	0	0	0	0	0
72	3/30/2017	1:05:06	0	0	0	0	0	0
73	3/30/2017	1:15:06	0	0	0	0	0	0
74	3/30/2017	1:25:06	0	0	0	0	0	0
75	3/30/2017	1:35:06	0	0	0	0	0	0
76	3/30/2017	1:45:06	0	0	0	0	0	0
77	3/30/2017	1:55:06	0	0	0	0	0	0
78	3/30/2017	2:05:06	0	0	0	0	0	0
79	3/30/2017	2:15:06	0	0	0	0	0	0
80	3/30/2017	2:25:06	0	0	0	0	0	0
81	3/30/2017	2:35:06	0	0	0	0	0	0
82	3/30/2017	2:45:06	0	0	0	0	0	0

83	3/30/2017	2:55:06	0	0	0	0	0	0
84	3/30/2017	3:05:06	0	0	0	0	0	0
85	3/30/2017	3:15:06	0	0	0	0	0	0
86	3/30/2017	3:25:06	0	0	0	0	0	0
87	3/30/2017	3:35:06	0	0	0	0	0	0
88	3/30/2017	3:45:06	0	0	0	0	0	0
89	3/30/2017	3:55:06	0	0	0	0	0	0
90	3/30/2017	4:05:06	0	0	0	0	0	0
91	3/30/2017	4:15:06	0	0	0	0	0	1.5
92	3/30/2017	4:25:06	0	0	0	0	0	1.5
93	3/30/2017	4:35:06	0	0	0	0	0	0
94	3/30/2017	4:45:06	0	0	0	0	0	0
95	3/30/2017	4:55:06	0	0	0	0	0	0
96	3/30/2017	5:05:06	0	0	0	0	0	0
97	3/30/2017	5:15:06	0	0	0	0	0	0
98	3/30/2017	5:25:06	0	0	0	0	0	0
99	3/30/2017	5:35:06	0	0	0	0	0	0
100	3/30/2017	5:45:06	0	0	0	0	0	0
101	3/30/2017	5:55:06	0	0	0	0	0	0
102	3/30/2017	6:05:06	0	0	0	0	0	0
103	3/30/2017	6:15:06	0	0	0	0	0	0
104	3/30/2017	6:25:06	0	0	0	0	0	0
105	3/30/2017	6:35:06	0	0	0	0	0	0
106	3/30/2017	6:45:06	0	0	0	0	0.1	0.2
107	3/30/2017	6:55:06	0	0	0	0	0.1	1.9
108	3/30/2017	7:05:06	0	0	0	0	0.3	6.7
109	3/30/2017	7:15:06	0	0	0	0	0.3	4.9
110	3/30/2017	7:25:06	0	0	0	0	0.3	1.1
111	3/30/2017	7:35:06	0	0	0	0	0.3	1.8
112	3/30/2017	7:45:06	0	0	0	0	0.3	0.7
113	3/30/2017	7:55:06	0	0	0	0	0.3	0
114	3/30/2017	8:05:06	0	0	0	0	0.3	0
115	3/30/2017	8:15:06	0	0	0	0	0.3	0
116	3/30/2017	8:25:06	0	0	0	0	0.3	0
117	3/30/2017	8:35:06	0	0	0	0	0.3	0
118	3/30/2017	8:45:06	0	0	0	0	0.3	0
119	3/30/2017	8:55:06	0	0	0	0	0.3	0
120	3/30/2017	9:05:06	0	0	0	0	0.3	0
121	3/30/2017	9:15:06	0	0	0	0	0.3	0
122	3/30/2017	9:25:06	0	0	0	0	0.3	0
123	3/30/2017	9:35:06	0	0	0	0	0.3	0
124	3/30/2017	9:45:06	0	0	0	0	0.3	0
125	3/30/2017	9:55:06	0	0	0	0	0.3	0
126	3/30/2017	10:05:06	0	0	0	0	0.3	0
127	3/30/2017	10:15:06	0	0	0	0	0.3	0
128	3/30/2017	10:25:06	0	0	0	0	0.3	0
129	3/30/2017	10:35:06	0	0	0	0	0.3	0
130	3/30/2017	10:45:06	0	0	0	0	0.3	0
131	3/30/2017	10:55:06	0	0	0	0	0.3	0
132	3/30/2017	11:05:06	0	0	0	0	0.3	0
133	3/30/2017	11:15:06	0	0	0	0	0.3	0
134	3/30/2017	11:25:06	0	0	0	0	0.3	0
135	3/30/2017	11:35:06	0	0	0	0	0.3	0
136	3/30/2017	11:45:06	0	0	0	0	0.3	0
137	3/30/2017	11:55:06	0	0	0	0	0.3	0
138	3/30/2017	12:05:06	0	0	0	0	0.3	0

121	3/31/2017	9:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
122	3/31/2017	9:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
123	3/31/2017	9:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
124	3/31/2017	9:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
125	3/31/2017	9:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
126	3/31/2017	10:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
127	3/31/2017	10:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
128	3/31/2017	10:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
129	3/31/2017	10:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
130	3/31/2017	10:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
131	3/31/2017	10:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
132	3/31/2017	11:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
133	3/31/2017	11:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
134	3/31/2017	11:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
135	3/31/2017	11:35:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
136	3/31/2017	11:45:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
137	3/31/2017	11:55:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
138	3/31/2017	12:05:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
139	3/31/2017	12:15:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
140	3/31/2017	12:25:06	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	3.3	0.2
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0

TWA/STEL

Index	Date/Time	H2S(ppm) (TWA)	H2S(ppm) (STEL)	CO(ppm) (TWA)	CO(ppm) (STEL)	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1	3/30/2017 13:15:06	0	---	0	---	0	---
2	3/30/2017 13:25:06	0	0	0	0	0	0
3	3/30/2017 13:35:06	0	0	0	0	0	0
4	3/30/2017 13:45:06	0	0	0	0	0	0
5	3/30/2017 13:55:06	0	0	0	0	0	0
6	3/30/2017 14:05:06	0	0	0	0	0	0
7	3/30/2017 14:15:06	0	0	0	0	0	0
8	3/30/2017 14:25:06	0	0	0	0	0	0
9	3/30/2017 14:35:06	0	0	0	0	0	0
10	3/30/2017 14:45:06	0	0	0	0	0	0
11	3/30/2017 14:55:06	0	0	0	0	0	0
12	3/30/2017 15:05:06	0	0	0	0	0	0
13	3/30/2017 15:15:06	0	0	0	0	0	0
14	3/30/2017 15:25:06	0	0	0	0	0	0
15	3/30/2017 15:35:06	0	0	0	0	0	0
16	3/30/2017 15:45:06	0	0	0	0	0	0
17	3/30/2017 15:55:06	0	0	0	0	0	0
18	3/30/2017 16:05:06	0	0	0	0	0	0
19	3/30/2017 16:15:06	0	0	0	0	0	0
20	3/30/2017 16:25:06	0	0	0	0	0	0
21	3/30/2017 16:35:06	0	0	0	0	0	0
22	3/30/2017 16:45:06	0	0	0	0	0	0
23	3/30/2017 16:55:06	0	0	0	0	0	0
24	3/30/2017 17:05:06	0	0	0	0	0	0
25	3/30/2017 17:15:06	0	0	0	0	0	0
26	3/30/2017 17:25:06	0	0	0	0	0	0
27	3/30/2017 17:35:06	0	0	0	0	0	0
28	3/30/2017 17:45:06	0	0	0	0	0	0

29	3/30/2017	17:55:06	0	0	0	0	0	0
30	3/30/2017	18:05:06	0	0	0	0	0	0
31	3/30/2017	18:15:06	0	0	0	0	0	0
32	3/30/2017	18:25:06	0	0	0	0	0	0
33	3/30/2017	18:35:06	0	0	0	0	0	0
34	3/30/2017	18:45:06	0	0	0	0	0	0
35	3/30/2017	18:55:06	0	0	0	0	0	0
36	3/30/2017	19:05:06	0	0	0	0	0	0
37	3/30/2017	19:15:06	0	0	0	0	0	0
38	3/30/2017	19:25:06	0	0	0	0	0	0
39	3/30/2017	19:35:06	0	0	0	0	0	0
40	3/30/2017	19:45:06	0	0	0	0	0	0
41	3/30/2017	19:55:06	0	0	0	0	0	0
42	3/30/2017	20:05:06	0	0	0	0	0	0
43	3/30/2017	20:15:06	0	0	0	0	0	0
44	3/30/2017	20:25:06	0	0	0	0	0	0
45	3/30/2017	20:35:06	0	0	0	0	0	0
46	3/30/2017	20:45:06	0	0	0	0	0	0
47	3/30/2017	20:55:06	0	0	0	0	0	0
48	3/30/2017	21:05:06	0	0	0	0	0	0
49	3/30/2017	21:15:06	0	0	0	0	0	0
50	3/30/2017	21:25:06	0	0	0	0	0	0
51	3/30/2017	21:35:06	0	0	0	0	0	0
52	3/30/2017	21:45:06	0	0	0	0	0	0
53	3/30/2017	21:55:06	0	0	0	0	0	0
54	3/30/2017	22:05:06	0	0	0	0	0	0
55	3/30/2017	22:15:06	0	0	0	0	0	0
56	3/30/2017	22:25:06	0	0	0	0	0	0
57	3/30/2017	22:35:06	0	0	0	0	0	0
58	3/30/2017	22:45:06	0	0	0	0	0	0
59	3/30/2017	22:55:06	0	0	0	0	0	0
60	3/30/2017	23:05:06	0	0	0	0	0	0
61	3/30/2017	23:15:06	0	0	0	0	0	0
62	3/30/2017	23:25:06	0	0	0	0	0	0
63	3/30/2017	23:35:06	0	0	0	0	0	0
64	3/30/2017	23:45:06	0	0	0	0	0	0
65	3/30/2017	23:55:06	0	0	0	0	0	0
66	3/31/2017	0:05:06	0	0	0	0	0	0
67	3/31/2017	0:15:06	0	0	0	0	0	0
68	3/31/2017	0:25:06	0	0	0	0	0	0
69	3/31/2017	0:35:06	0	0	0	0	0	0
70	3/31/2017	0:45:06	0	0	0	0	0	0
71	3/31/2017	0:55:06	0	0	0	0	0	0
72	3/31/2017	1:05:06	0	0	0	0	0	0
73	3/31/2017	1:15:06	0	0	0	0	0	0
74	3/31/2017	1:25:06	0	0	0	0	0	0
75	3/31/2017	1:35:06	0	0	0	0	0	0
76	3/31/2017	1:45:06	0	0	0	0	0	0
77	3/31/2017	1:55:06	0	0	0	0	0	0
78	3/31/2017	2:05:06	0	0	0	0	0	0
79	3/31/2017	2:15:06	0	0	0	0	0	0
80	3/31/2017	2:25:06	0	0	0	0	0	0
81	3/31/2017	2:35:06	0	0	0	0	0	0
82	3/31/2017	2:45:06	0	0	0	0	0	0
83	3/31/2017	2:55:06	0	0	0	0	0	0
84	3/31/2017	3:05:06	0	0	0	0	0	0

85	3/31/2017	3:15:06	0	0	0	0	0	0
86	3/31/2017	3:25:06	0	0	0	0	0	0
87	3/31/2017	3:35:06	0	0	0	0	0	0
88	3/31/2017	3:45:06	0	0	0	0	0	0
89	3/31/2017	3:55:06	0	0	0	0	0	0
90	3/31/2017	4:05:06	0	0	0	0	0	0.1
91	3/31/2017	4:15:06	0	0	0	0	0	0.1
92	3/31/2017	4:25:06	0	0	0	0	0	0
93	3/31/2017	4:35:06	0	0	0	0	0	0
94	3/31/2017	4:45:06	0	0	0	0	0	0
95	3/31/2017	4:55:06	0	0	0	0	0	0
96	3/31/2017	5:05:06	0	0	0	0	0	0
97	3/31/2017	5:15:06	0	0	0	0	0	0
98	3/31/2017	5:25:06	0	0	0	0	0	0
99	3/31/2017	5:35:06	0	0	0	0	0	0
100	3/31/2017	5:45:06	0	0	0	0	0	0
101	3/31/2017	5:55:06	0	0	0	0	0	0
102	3/31/2017	6:05:06	0	0	0	0	0	0
103	3/31/2017	6:15:06	0	0	0	0	0	0
104	3/31/2017	6:25:06	0	0	0	0	0	0
105	3/31/2017	6:35:06	0	0	0	0	0	0
106	3/31/2017	6:45:06	0	0	0	0	0	0
107	3/31/2017	6:55:06	0	0	0	0	0	0
108	3/31/2017	7:05:06	0	0	0	0	0	0
109	3/31/2017	7:15:06	0	0	0	0	0	0
110	3/31/2017	7:25:06	0	0	0	0	0	0
111	3/31/2017	7:35:06	0	0	0	0	0	0
112	3/31/2017	7:45:06	0	0	0	0	0	0
113	3/31/2017	7:55:06	0	0	0	0	0	0
114	3/31/2017	8:05:06	0	0	0	0	0	0
115	3/31/2017	8:15:06	0	0	0	0	0	0
116	3/31/2017	8:25:06	0	0	0	0	0	0
117	3/31/2017	8:35:06	0	0	0	0	0	0
118	3/31/2017	8:45:06	0	0	0	0	0	0
119	3/31/2017	8:55:06	0	0	0	0	0	0
120	3/31/2017	9:05:06	0	0	0	0	0	0
121	3/31/2017	9:15:06	0	0	0	0	0	0
122	3/31/2017	9:25:06	0	0	0	0	0	0
123	3/31/2017	9:35:06	0	0	0	0	0	0
124	3/31/2017	9:45:06	0	0	0	0	0	0
125	3/31/2017	9:55:06	0	0	0	0	0	0
126	3/31/2017	10:05:06	0	0	0	0	0	0
127	3/31/2017	10:15:06	0	0	0	0	0	0
128	3/31/2017	10:25:06	0	0	0	0	0	0
129	3/31/2017	10:35:06	0	0	0	0	0	0
130	3/31/2017	10:45:06	0	0	0	0	0	0
131	3/31/2017	10:55:06	0	0	0	0	0	0
132	3/31/2017	11:05:06	0	0	0	0	0	0
133	3/31/2017	11:15:06	0	0	0	0	0	0
134	3/31/2017	11:25:06	0	0	0	0	0	0
135	3/31/2017	11:35:06	0	0	0	0	0	0
136	3/31/2017	11:45:06	0	0	0	0	0	0
137	3/31/2017	11:55:06	0	0	0	0	0	0
138	3/31/2017	12:05:06	0	0	0	0	0	0
139	3/31/2017	12:15:06	0	0	0	0	0	0
140	3/31/2017	12:25:06	0	0	0	0	0	0

13	3/29/2017	9:47:59	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0	0
14	3/29/2017	9:48:29	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
15	3/29/2017	9:48:59	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
16	3/29/2017	9:49:29	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
17	3/29/2017	9:49:59	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
18	3/29/2017	9:50:29	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
19	3/29/2017	9:50:59	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
20	3/29/2017	9:51:29	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
21	3/29/2017	9:51:59	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
22	3/29/2017	9:52:29	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
23	3/29/2017	9:52:59	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
24	3/29/2017	9:53:29	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
25	3/29/2017	9:53:59	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
26	3/29/2017	9:54:29	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
27	3/29/2017	9:54:59	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
28	3/29/2017	9:55:29	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
29	3/29/2017	9:55:59	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
Min			0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/29/2017	9:41:59	0 ---		0 ---		---
2	3/29/2017	9:42:29	0 ---		0 ---		0 ---
3	3/29/2017	9:42:59	0 ---		0 ---		0 ---
4	3/29/2017	9:43:29	0 ---		0 ---		0 ---
5	3/29/2017	9:43:59	0 ---		0 ---		0 ---
6	3/29/2017	9:44:29	0 ---		0 ---		0 ---
7	3/29/2017	9:44:59	0 ---		0 ---		0 ---
8	3/29/2017	9:45:29	0 ---		0 ---		0 ---
9	3/29/2017	9:45:59	0 ---		0 ---		0 ---
10	3/29/2017	9:46:29	0 ---		0 ---		0 ---
11	3/29/2017	9:46:59	0 ---		0 ---		0 ---
12	3/29/2017	9:47:29	0 ---		0 ---		0 ---
13	3/29/2017	9:47:59	0 ---		0 ---		0 ---
14	3/29/2017	9:48:29	0 ---		0 ---		0 ---
15	3/29/2017	9:48:59	0 ---		0 ---		0 ---
16	3/29/2017	9:49:29	0 ---		0 ---		0 ---
17	3/29/2017	9:49:59	0 ---		0 ---		0 ---
18	3/29/2017	9:50:29	0 ---		0 ---		0 ---
19	3/29/2017	9:50:59	0 ---		0 ---		0 ---
20	3/29/2017	9:51:29	0 ---		0 ---		0 ---
21	3/29/2017	9:51:59	0 ---		0 ---		0 ---
22	3/29/2017	9:52:29	0 ---		0 ---		0 ---
23	3/29/2017	9:52:59	0 ---		0 ---		0 ---
24	3/29/2017	9:53:29	0 ---		0 ---		0 ---
25	3/29/2017	9:53:59	0 ---		0 ---		0 ---
26	3/29/2017	9:54:29	0 ---		0 ---		0 ---
27	3/29/2017	9:54:59	0 ---		0 ---		0 ---
28	3/29/2017	9:55:29	0 ---		0 ---		0 ---
29	3/29/2017	9:55:59	0 ---		0 ---		0 ---

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17/03/29 10:03

Summary

 Unit Name MultiRAE(PGM-6228)
 Unit SN MBB3Z034P9
 Unit Firmware Ver V1.18

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Power Down

Site ID 3
 User ID 1

Begin 3/29/2017 10:03:30

End 3/29/2017 10:20:02

Sample Period(s) 30
 Number of Records 33

Vertical Sparge Cluster at Cupboard Creek

Sensor	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
Sensor SN	SC0311019 SC034204C SC03AR008 SC0306004 SC03A40140P7																				
Measure Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span		50	18	1	50	10															
Span	2	N/A	N/A	N/A	N/A	1000															
Low Alarm		10	19.5	10	5	50															
High Alarm		20	23.5	20	200	100															
Over Alarm		100	30	100	500	5000															
STEL Alarm	N/A	N/A		15	100	25															
TWA Alarm	N/A	N/A		10	35	10															
Measurment Gas(CF)	Methane(1 N/A		N/A	N/A	Isobutylene(1.00)																
Calibration Time	3/24/2017	15:14	3/24/2017	15:14	3/24/2017	15:17	3/24/2017	15:14	3/24/2017	15:16											
Peak		0	21.5	0	0	1.6															
Min		0	21.4	0	0	0															
Average		0	21.5	0	0	0.2															

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	3/29/2017 10:04:00	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3/29/2017 10:04:30	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.2	0.5	0.8	0.5
3	3/29/2017 10:05:00	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0.4	0.4
4	3/29/2017 10:05:30	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.4	1	0.1
5	3/29/2017 10:06:00	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0.1	0
6	3/29/2017 10:06:30	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0.4	0
7	3/29/2017 10:07:00	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.4	1.8	1.6
8	3/29/2017 10:07:30	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.8	2.1	0
9	3/29/2017 10:08:00	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0.3	0
10	3/29/2017 10:08:30	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.4	0.6	0.4
11	3/29/2017 10:09:00	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.3	0.8	1	0.5
12	3/29/2017 10:09:30	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.4	0.7	0.3
13	3/29/2017 10:10:00	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.3	0.8	0.4

14	3/29/2017	10:10:30	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0.2	0
15	3/29/2017	10:11:00	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.1	0
16	3/29/2017	10:11:30	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.1	0.1
17	3/29/2017	10:12:00	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.2	0.1
18	3/29/2017	10:12:30	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.3	0.7	0
19	3/29/2017	10:13:00	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.7	0
20	3/29/2017	10:13:30	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.8	0.4
21	3/29/2017	10:14:00	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.3	0
22	3/29/2017	10:14:30	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.3	0.3
23	3/29/2017	10:15:00	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.7	0.6
24	3/29/2017	10:15:30	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.9	0
25	3/29/2017	10:16:00	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.2	0
26	3/29/2017	10:16:30	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.8	0
27	3/29/2017	10:17:00	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.7	0
28	3/29/2017	10:17:30	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.3	0
29	3/29/2017	10:18:00	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.4	0.3
30	3/29/2017	10:18:30	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.4	0
31	3/29/2017	10:19:00	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1
32	3/29/2017	10:19:30	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.3	0.7	0.6
33	3/29/2017	10:20:00	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.8	0.8
Peak			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.3	0.8	2.1	1.6
Min			0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0
Average			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.6	0.2

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/29/2017	10:04:00	0 ---		0 ---		---
2	3/29/2017	10:04:30	0 ---		0 ---		0 ---
3	3/29/2017	10:05:00	0 ---		0 ---		0 ---
4	3/29/2017	10:05:30	0 ---		0 ---		0 ---
5	3/29/2017	10:06:00	0 ---		0 ---		0 ---
6	3/29/2017	10:06:30	0 ---		0 ---		0 ---
7	3/29/2017	10:07:00	0 ---		0 ---		0 ---
8	3/29/2017	10:07:30	0 ---		0 ---		0 ---
9	3/29/2017	10:08:00	0 ---		0 ---		0 ---
10	3/29/2017	10:08:30	0 ---		0 ---		0 ---
11	3/29/2017	10:09:00	0 ---		0 ---		0 ---
12	3/29/2017	10:09:30	0 ---		0 ---		0 ---
13	3/29/2017	10:10:00	0 ---		0 ---		0 ---
14	3/29/2017	10:10:30	0 ---		0 ---		0 ---
15	3/29/2017	10:11:00	0 ---		0 ---		0 ---
16	3/29/2017	10:11:30	0 ---		0 ---		0 ---
17	3/29/2017	10:12:00	0 ---		0 ---		0 ---
18	3/29/2017	10:12:30	0 ---		0 ---		0 ---
19	3/29/2017	10:13:00	0 ---		0 ---		0 ---
20	3/29/2017	10:13:30	0 ---		0 ---		0 ---
21	3/29/2017	10:14:00	0 ---		0 ---		0 ---
22	3/29/2017	10:14:30	0 ---		0 ---		0 ---
23	3/29/2017	10:15:00	0 ---		0 ---		0 ---
24	3/29/2017	10:15:30	0 ---		0 ---		0 ---
25	3/29/2017	10:16:00	0 ---		0 ---		0 ---
26	3/29/2017	10:16:30	0 ---		0 ---		0 ---
27	3/29/2017	10:17:00	0 ---		0 ---		0 ---

28	3/29/2017	10:17:30	0	---	0	---	0	---
29	3/29/2017	10:18:00	0	---	0	---	0	---
30	3/29/2017	10:18:30	0	0	0	0	0	---
31	3/29/2017	10:19:00	0	0	0	0	0	0.2
32	3/29/2017	10:19:30	0	0	0	0	0	0.2
33	3/29/2017	10:20:00	0	0	0	0	0	0.2

17/03/29 10:22

Summary

Unit Name MultiRAE(PGM-6228)
Unit SN MBB3Z034P9
Unit Firmware Ver V1.18

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 3
User ID 1

Begin 3/29/2017 10:22:38

End 3/29/2017 10:38:52

SW-06

Sample Period(s) 30
Number of Records 32

Sensor	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
Sensor SN	SC0311019 SC034204C SC03AR008 SC0306004 SC03A40140P7																				
Measure Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span	50	18	1	50	10																
Span	2 N/A	N/A	N/A	N/A	1000																
Low Alarm	10	19.5	10	5	50																
High Alarm	20	23.5	20	200	100																
Over Alarm	100	30	100	500	5000																
STEL Alarm	N/A	N/A	15	100	25																
TWA Alarm	N/A	N/A	10	35	10																
Measurem Gas(CF)	Methane(1	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration Time	3/24/2017	15:14	3/24/2017	15:14	3/24/2017	15:17	3/24/2017	15:14	3/24/2017	15:16											
Peak	0	21.5	0	0	0.1																
Min	0	21.4	0	0	0																
Average	0	21.5	0	0	0																

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	3/29/2017 10:23:08	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3/29/2017 10:23:38	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3/29/2017 10:24:08	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0.1
4	3/29/2017 10:24:38	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0.1
5	3/29/2017 10:25:08	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0.1
6	3/29/2017 10:25:38	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1

7	3/29/2017	10:26:08	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.1	0
8	3/29/2017	10:26:38	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
9	3/29/2017	10:27:08	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
10	3/29/2017	10:27:38	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
11	3/29/2017	10:28:08	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
12	3/29/2017	10:28:38	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
13	3/29/2017	10:29:08	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
14	3/29/2017	10:29:38	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
15	3/29/2017	10:30:08	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
16	3/29/2017	10:30:38	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
17	3/29/2017	10:31:08	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
18	3/29/2017	10:31:38	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
19	3/29/2017	10:32:08	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
20	3/29/2017	10:32:38	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
21	3/29/2017	10:33:08	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0	0
22	3/29/2017	10:33:38	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
23	3/29/2017	10:34:08	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
24	3/29/2017	10:34:38	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
25	3/29/2017	10:35:08	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
26	3/29/2017	10:35:38	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
27	3/29/2017	10:36:08	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
28	3/29/2017	10:36:38	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0	0
29	3/29/2017	10:37:08	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
30	3/29/2017	10:37:38	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0	0
31	3/29/2017	10:38:08	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
32	3/29/2017	10:38:38	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
Min			0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/29/2017 10:23:08	0	---	0	---	---	---
2	3/29/2017 10:23:38	0	---	0	---	0	---
3	3/29/2017 10:24:08	0	---	0	---	0	---
4	3/29/2017 10:24:38	0	---	0	---	0	---
5	3/29/2017 10:25:08	0	---	0	---	0	---
6	3/29/2017 10:25:38	0	---	0	---	0	---
7	3/29/2017 10:26:08	0	---	0	---	0	---
8	3/29/2017 10:26:38	0	---	0	---	0	---
9	3/29/2017 10:27:08	0	---	0	---	0	---
10	3/29/2017 10:27:38	0	---	0	---	0	---
11	3/29/2017 10:28:08	0	---	0	---	0	---
12	3/29/2017 10:28:38	0	---	0	---	0	---
13	3/29/2017 10:29:08	0	---	0	---	0	---
14	3/29/2017 10:29:38	0	---	0	---	0	---
15	3/29/2017 10:30:08	0	---	0	---	0	---
16	3/29/2017 10:30:38	0	---	0	---	0	---
17	3/29/2017 10:31:08	0	---	0	---	0	---
18	3/29/2017 10:31:38	0	---	0	---	0	---
19	3/29/2017 10:32:08	0	---	0	---	0	---
20	3/29/2017 10:32:38	0	---	0	---	0	---
21	3/29/2017 10:33:08	0	---	0	---	0	---

22	3/29/2017	10:33:38	0	---	0	---	0	---
23	3/29/2017	10:34:08	0	---	0	---	0	---
24	3/29/2017	10:34:38	0	---	0	---	0	---
25	3/29/2017	10:35:08	0	---	0	---	0	---
26	3/29/2017	10:35:38	0	---	0	---	0	---
27	3/29/2017	10:36:08	0	---	0	---	0	---
28	3/29/2017	10:36:38	0	---	0	---	0	---
29	3/29/2017	10:37:08	0	---	0	---	0	---
30	3/29/2017	10:37:38	0	0	0	0	0	0
31	3/29/2017	10:38:08	0	0	0	0	0	0
32	3/29/2017	10:38:38	0	0	0	0	0	0

=====
 17/03/29 10:44
 =====

Summary

 Unit Name MultiRAE(PGM-6228)
 Unit SN MBB3Z034P9
 Unit Firmware Ver V1.18

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Power Down

Site ID 3
 User ID 1

Begin 3/29/2017 10:44:19
 End 3/29/2017 10:58:40
 Sample Period(s) 30
 Number of Records 28

MW-09

Sensor	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
Sensor SN	SC0311019 SC034204C SC03AR008 SC0306004 SC03A40140P7																				
Measure Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span	50	18	1	50	10																
Span	2 N/A	N/A	N/A	N/A	1000																
Low Alarm	10	19.5	10	5	50																
High Alarm	20	23.5	20	200	100																
Over Alarm	100	30	100	500	5000																
STEL Alarm	N/A	N/A	15	100	25																
TWA Alarm	N/A	N/A	10	35	10																
Measurem Gas(CF)	Methane(1 N/A		N/A	N/A	Isobutylene(1.00)																
Calibration Time	3/24/2017	15:14	3/24/2017	15:14	3/24/2017	15:17	3/24/2017	15:14	3/24/2017	15:16											
Peak	0	21.4	0	0	0.1																
Min	0	21.3	0	0	0.1																
Average	0	21.4	0	0	0.1																

 Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	3/29/2017 10:44:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	---	---	---	---

2	3/29/2017	10:45:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
3	3/29/2017	10:45:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
4	3/29/2017	10:46:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
5	3/29/2017	10:46:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
6	3/29/2017	10:47:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
7	3/29/2017	10:47:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
8	3/29/2017	10:48:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
9	3/29/2017	10:48:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
10	3/29/2017	10:49:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
11	3/29/2017	10:49:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
12	3/29/2017	10:50:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
13	3/29/2017	10:50:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
14	3/29/2017	10:51:19	0	0	0	0	21.3	21.3	21.4	21.3	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
15	3/29/2017	10:51:49	0	0	0	0	21.3	21.3	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
16	3/29/2017	10:52:19	0	0	0	0	21.3	21.3	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
17	3/29/2017	10:52:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
18	3/29/2017	10:53:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
19	3/29/2017	10:53:49	0	0	0	0	21.3	21.3	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
20	3/29/2017	10:54:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
21	3/29/2017	10:54:49	0	0	0	0	21.3	21.3	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
22	3/29/2017	10:55:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
23	3/29/2017	10:55:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
24	3/29/2017	10:56:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
25	3/29/2017	10:56:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
26	3/29/2017	10:57:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
27	3/29/2017	10:57:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
28	3/29/2017	10:58:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
Peak			0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
Min			0	0	0	0	21.3	21.3	21.4	21.3	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
Average			0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/29/2017 10:44:49	0	---	0	---	---	---
2	3/29/2017 10:45:19	0	---	0	---	0	---
3	3/29/2017 10:45:49	0	---	0	---	0	---
4	3/29/2017 10:46:19	0	---	0	---	0	---
5	3/29/2017 10:46:49	0	---	0	---	0	---
6	3/29/2017 10:47:19	0	---	0	---	0	---
7	3/29/2017 10:47:49	0	---	0	---	0	---
8	3/29/2017 10:48:19	0	---	0	---	0	---
9	3/29/2017 10:48:49	0	---	0	---	0	---
10	3/29/2017 10:49:19	0	---	0	---	0	---
11	3/29/2017 10:49:49	0	---	0	---	0	---
12	3/29/2017 10:50:19	0	---	0	---	0	---
13	3/29/2017 10:50:49	0	---	0	---	0	---
14	3/29/2017 10:51:19	0	---	0	---	0	---
15	3/29/2017 10:51:49	0	---	0	---	0	---
16	3/29/2017 10:52:19	0	---	0	---	0	---
17	3/29/2017 10:52:49	0	---	0	---	0	---
18	3/29/2017 10:53:19	0	---	0	---	0	---
19	3/29/2017 10:53:49	0	---	0	---	0	---
20	3/29/2017 10:54:19	0	---	0	---	0	---

21	3/29/2017	10:54:49	0 ---	0 ---	0 ---
22	3/29/2017	10:55:19	0 ---	0 ---	0 ---
23	3/29/2017	10:55:49	0 ---	0 ---	0 ---
24	3/29/2017	10:56:19	0 ---	0 ---	0 ---
25	3/29/2017	10:56:49	0 ---	0 ---	0 ---
26	3/29/2017	10:57:19	0 ---	0 ---	0 ---
27	3/29/2017	10:57:49	0 ---	0 ---	0 ---
28	3/29/2017	10:58:19	0 ---	0 ---	0 ---

17/03/29 11:04

Summary

Unit Name MultiRAE(PGM-6228)
Unit SN MBB3Z034P9
Unit Firmware Ver V1.18

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 3
User ID 1

Begin 3/29/2017 11:04:40

End 3/29/2017 11:19:49

Sample Period(s) 30
Number of Records 30

SW-03

Sensor	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
Sensor SN	SC0311019 SC034204C SC03AR008 SC0306004 SC03A40140P7																				
Measure Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span	50	18	1	50	10																
Span	2 N/A	N/A	N/A	N/A	1000																
Low Alarm	10	19.5	10	5	50																
High Alarm	20	23.5	20	200	100																
Over Alarm	100	30	100	500	5000																
STEL Alarm	N/A	N/A	15	100	25																
TWA Alarm	N/A	N/A	10	35	10																
Measurem Gas(CF)	Methane(1	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration Time	3/24/2017	15:14	3/24/2017	15:14	3/24/2017	15:17	3/24/2017	15:14	3/24/2017	15:16											
Peak	0	21.5	0	0	0.1																
Min	0	21.5	0	0	0.1																
Average	0	21.5	0	0	0.1																

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	3/29/2017 11:05:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3/29/2017 11:05:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
3	3/29/2017 11:06:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
4	3/29/2017 11:06:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1

5	3/29/2017	11:07:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
6	3/29/2017	11:07:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
7	3/29/2017	11:08:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
8	3/29/2017	11:08:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
9	3/29/2017	11:09:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
10	3/29/2017	11:09:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
11	3/29/2017	11:10:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
12	3/29/2017	11:10:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
13	3/29/2017	11:11:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
14	3/29/2017	11:11:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
15	3/29/2017	11:12:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
16	3/29/2017	11:12:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
17	3/29/2017	11:13:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
18	3/29/2017	11:13:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
19	3/29/2017	11:14:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
20	3/29/2017	11:14:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
21	3/29/2017	11:15:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
22	3/29/2017	11:15:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
23	3/29/2017	11:16:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
24	3/29/2017	11:16:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
25	3/29/2017	11:17:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
26	3/29/2017	11:17:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
27	3/29/2017	11:18:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
28	3/29/2017	11:18:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
29	3/29/2017	11:19:10	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
30	3/29/2017	11:19:40	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
Peak			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
Min			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
Average			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/29/2017	11:05:10	0 ---		0 ---		---
2	3/29/2017	11:05:40	0 ---		0 ---		0 ---
3	3/29/2017	11:06:10	0 ---		0 ---		0 ---
4	3/29/2017	11:06:40	0 ---		0 ---		0 ---
5	3/29/2017	11:07:10	0 ---		0 ---		0 ---
6	3/29/2017	11:07:40	0 ---		0 ---		0 ---
7	3/29/2017	11:08:10	0 ---		0 ---		0 ---
8	3/29/2017	11:08:40	0 ---		0 ---		0 ---
9	3/29/2017	11:09:10	0 ---		0 ---		0 ---
10	3/29/2017	11:09:40	0 ---		0 ---		0 ---
11	3/29/2017	11:10:10	0 ---		0 ---		0 ---
12	3/29/2017	11:10:40	0 ---		0 ---		0 ---
13	3/29/2017	11:11:10	0 ---		0 ---		0 ---
14	3/29/2017	11:11:40	0 ---		0 ---		0 ---
15	3/29/2017	11:12:10	0 ---		0 ---		0 ---
16	3/29/2017	11:12:40	0 ---		0 ---		0 ---
17	3/29/2017	11:13:10	0 ---		0 ---		0 ---
18	3/29/2017	11:13:40	0 ---		0 ---		0 ---
19	3/29/2017	11:14:10	0 ---		0 ---		0 ---
20	3/29/2017	11:14:40	0 ---		0 ---		0 ---
21	3/29/2017	11:15:10	0 ---		0 ---		0 ---

4	3/29/2017	11:26:50	0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0
5	3/29/2017	11:27:20	0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0
6	3/29/2017	11:27:50	0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0
7	3/29/2017	11:28:20	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
8	3/29/2017	11:28:50	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	0	0	0	0
9	3/29/2017	11:29:20	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0.1	0
10	3/29/2017	11:29:50	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	0	0	0.1	0.1
11	3/29/2017	11:30:20	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0.1	0
12	3/29/2017	11:30:50	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
13	3/29/2017	11:31:20	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	0	0	0	0
14	3/29/2017	11:31:50	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0.1	0
15	3/29/2017	11:32:20	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0.1	0
16	3/29/2017	11:32:50	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
17	3/29/2017	11:33:20	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
18	3/29/2017	11:33:50	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
19	3/29/2017	11:34:20	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	0	0	0	0
20	3/29/2017	11:34:50	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0.1	0
21	3/29/2017	11:35:20	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0.1	0.1
22	3/29/2017	11:35:50	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0.2	0
23	3/29/2017	11:36:20	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
24	3/29/2017	11:36:50	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
25	3/29/2017	11:37:20	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0.1	0.1
26	3/29/2017	11:37:50	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0.1	0.2
27	3/29/2017	11:38:20	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	0	0	0.1	0
28	3/29/2017	11:38:50	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	0	0	0.1	0.1
29	3/29/2017	11:39:20	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1
Min			0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0.1	0

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/29/2017	11:25:20	0 ---		0 ---		---
2	3/29/2017	11:25:50	0 ---		0 ---		0 ---
3	3/29/2017	11:26:20	0 ---		0 ---		0 ---
4	3/29/2017	11:26:50	0 ---		0 ---		0 ---
5	3/29/2017	11:27:20	0 ---		0 ---		0 ---
6	3/29/2017	11:27:50	0 ---		0 ---		0 ---
7	3/29/2017	11:28:20	0 ---		0 ---		0 ---
8	3/29/2017	11:28:50	0 ---		0 ---		0 ---
9	3/29/2017	11:29:20	0 ---		0 ---		0 ---
10	3/29/2017	11:29:50	0 ---		0 ---		0 ---
11	3/29/2017	11:30:20	0 ---		0 ---		0 ---
12	3/29/2017	11:30:50	0 ---		0 ---		0 ---
13	3/29/2017	11:31:20	0 ---		0 ---		0 ---
14	3/29/2017	11:31:50	0 ---		0 ---		0 ---
15	3/29/2017	11:32:20	0 ---		0 ---		0 ---
16	3/29/2017	11:32:50	0 ---		0 ---		0 ---
17	3/29/2017	11:33:20	0 ---		0 ---		0 ---
18	3/29/2017	11:33:50	0 ---		0 ---		0 ---
19	3/29/2017	11:34:20	0 ---		0 ---		0 ---
20	3/29/2017	11:34:50	0 ---		0 ---		0 ---
21	3/29/2017	11:35:20	0 ---		0 ---		0 ---

22	3/29/2017	11:35:50	0 ---	0 ---	0 ---
23	3/29/2017	11:36:20	0 ---	0 ---	0 ---
24	3/29/2017	11:36:50	0 ---	0 ---	0 ---
25	3/29/2017	11:37:20	0 ---	0 ---	0 ---
26	3/29/2017	11:37:50	0 ---	0 ---	0 ---
27	3/29/2017	11:38:20	0 ---	0 ---	0 ---
28	3/29/2017	11:38:50	0 ---	0 ---	0 ---
29	3/29/2017	11:39:20	0 ---	0 ---	0 ---

17/03/29 11:41

Summary

Unit Name MultiRAE(PGM-6228)
 Unit SN MBB3Z034P9
 Unit Firmware Ver V1.18

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Power Down

Site ID 3
 User ID 1

Begin 3/29/2017 11:41:36

End 3/29/2017 11:54:24

Sample Period(s) 30
 Number of Records 25

Vertical Sparge Cluster at Brown's Creek

Sensor	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
Sensor SN	SC0311019 SC034204C SC03AR008 SC0306004 SC03A40140P7																				
Measure Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span	50	18	1	50	10																
Span	2 N/A	N/A	N/A	N/A	1000																
Low Alarm	10	19.5	10	5	50																
High Alarm	20	23.5	20	200	100																
Over Alarm	100	30	100	500	5000																
STEL Alarm	N/A	N/A	15	100	25																
TWA Alarm	N/A	N/A	10	35	10																
Measurem Gas(CF)	Methane(1	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration Time	3/24/2017	15:14	3/24/2017	15:14	3/24/2017	15:17	3/24/2017	15:14	3/24/2017	15:16											
Peak	0	21.8	0	0	8.1																
Min	0	21.7	0	0	0																
Average	0	21.8	0	0	3.4																

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	3/29/2017 11:42:06	0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3/29/2017 11:42:36	0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0	0
3	3/29/2017 11:43:06	0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0	0	2.2	8.5	2.9
4	3/29/2017 11:43:36	0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0	2.6	5.4	8.6	5

5	3/29/2017	11:44:06	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	1.2	4.2	5.9	2.3
6	3/29/2017	11:44:36	0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0	1	2.2	0
7	3/29/2017	11:45:06	0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0.3	1.7	4.6	4.6
8	3/29/2017	11:45:36	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	3.5	5.3	9.5	3.7
9	3/29/2017	11:46:06	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	2.4	4.3	6.6	4.8
10	3/29/2017	11:46:36	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	2.7	4	5.4	2.7
11	3/29/2017	11:47:06	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	2.3	3.5	7.1	7.1
12	3/29/2017	11:47:36	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0.6	3.6	7.6	0.6
13	3/29/2017	11:48:06	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0.4	3.2	8.6	1.6
14	3/29/2017	11:48:36	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0.6	1.8	4.5	1.1
15	3/29/2017	11:49:06	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	1	3.7	13.6	6.4
16	3/29/2017	11:49:36	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	3	5.9	9.7	8.1
17	3/29/2017	11:50:06	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	2.3	3.9	6.1	2.9
18	3/29/2017	11:50:36	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	2.7	4.1	6.3	5.8
19	3/29/2017	11:51:06	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	2	4.2	5.9	2
20	3/29/2017	11:51:36	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0	0.9	1.9	0.4
21	3/29/2017	11:52:06	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	0.6	6.4	16.3	1.5
22	3/29/2017	11:52:36	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	1.2	3.6	6.3	6.2
23	3/29/2017	11:53:06	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	3.3	4.5	6.2	4.9
24	3/29/2017	11:53:36	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	2.2	3.3	5.8	4.7
25	3/29/2017	11:54:06	0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	3	5.9	9.9	3
Peak			0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	3.5	6.4	16.3	8.1
Min			0	0	0	0	21.7	21.7	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0.1	0
Average			0	0	0	0	21.8	21.8	21.8	21.8	0	0	0	0	0	0	0	0	1.6	3.6	7	3.4

TWA/STEL

Index	Date/Time	H2S(ppm) (TWA)	H2S(ppm) (STEL)	CO(ppm) (TWA)	CO(ppm) (STEL)	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1	3/29/2017 11:42:06	0	---	0	---	---	---
2	3/29/2017 11:42:36	0	---	0	---	0	---
3	3/29/2017 11:43:06	0	---	0	---	0	---
4	3/29/2017 11:43:36	0	---	0	---	0	---
5	3/29/2017 11:44:06	0	---	0	---	0	---
6	3/29/2017 11:44:36	0	---	0	---	0	---
7	3/29/2017 11:45:06	0	---	0	---	0	---
8	3/29/2017 11:45:36	0	---	0	---	0	---
9	3/29/2017 11:46:06	0	---	0	---	0	---
10	3/29/2017 11:46:36	0	---	0	---	0	---
11	3/29/2017 11:47:06	0	---	0	---	0	---
12	3/29/2017 11:47:36	0	---	0	---	0	---
13	3/29/2017 11:48:06	0	---	0	---	0	---
14	3/29/2017 11:48:36	0	---	0	---	0	---
15	3/29/2017 11:49:06	0	---	0	---	0	---
16	3/29/2017 11:49:36	0	---	0	---	0.1	---
17	3/29/2017 11:50:06	0	---	0	---	0.1	---
18	3/29/2017 11:50:36	0	---	0	---	0.1	---
19	3/29/2017 11:51:06	0	---	0	---	0.1	---
20	3/29/2017 11:51:36	0	---	0	---	0.1	---
21	3/29/2017 11:52:06	0	---	0	---	0.1	---
22	3/29/2017 11:52:36	0	---	0	---	0.1	---
23	3/29/2017 11:53:06	0	---	0	---	0.1	---
24	3/29/2017 11:53:36	0	---	0	---	0.1	---
25	3/29/2017 11:54:06	0	---	0	---	0.1	---

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14	3/29/2017	12:04:54	0	0	0	0	21.7	21.9	22	21.8	0	0	0	0	0	0	0	0	0	0	0	0
15	3/29/2017	12:05:24	0	0	0	0	21.5	21.6	21.8	21.7	0	0	0	0	0	0	0	0	0	0	0	0
16	3/29/2017	12:05:54	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	0	0	0	0
17	3/29/2017	12:06:24	0	0	0	0	21.7	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
18	3/29/2017	12:06:54	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	0	0	0	0
19	3/29/2017	12:07:24	0	0	0	0	21.6	21.7	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
20	3/29/2017	12:07:54	0	0	0	0	21.8	21.8	22	22	0	0	0	0	0	0	0	0	0	0	0	0
21	3/29/2017	12:08:24	0	0	0	0	21.5	21.8	22.1	21.5	0	0	0	0	0	0	0	0	0	0	0	0
22	3/29/2017	12:08:54	0	0	0	0	21.4	21.5	21.8	21.8	0	0	0	0	0	0	0	0	0	0	0	0
23	3/29/2017	12:09:24	0	0	0	0	21.7	21.7	21.8	21.7	0	0	0	0	0	0	0	0	0	0	0	0
24	3/29/2017	12:09:54	0	0	0	0	21.7	21.8	22	22	0	0	0	0	0	0	0	0	0	0	0	0
25	3/29/2017	12:10:24	0	0	0	0	21.7	21.8	22.1	21.7	0	0	0	0	0	0	0	0	0	0	0	0
26	3/29/2017	12:10:54	0	0	0	0	21.6	21.6	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0
27	3/29/2017	12:11:24	0	0	0	0	21.7	21.8	21.9	21.7	0	0	0	0	0	0	0	0	0	0	0	0
28	3/29/2017	12:11:54	0	0	0	0	21.7	21.9	22.1	22	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	21.8	21.9	22.1	22	0	0	0	0	0	0	0	0	0	0	0	0
Min			0	0	0	0	21.4	21.5	21.7	21.5	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	21.7	21.7	21.9	21.7	0	0	0	0	0	0	0	0	0	0	0	0

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/29/2017	11:58:24	0 ---		0 ---		---
2	3/29/2017	11:58:54	0 ---		0 ---		0 ---
3	3/29/2017	11:59:24	0 ---		0 ---		0 ---
4	3/29/2017	11:59:54	0 ---		0 ---		0 ---
5	3/29/2017	12:00:24	0 ---		0 ---		0 ---
6	3/29/2017	12:00:54	0 ---		0 ---		0 ---
7	3/29/2017	12:01:24	0 ---		0 ---		0 ---
8	3/29/2017	12:01:54	0 ---		0 ---		0 ---
9	3/29/2017	12:02:24	0 ---		0 ---		0 ---
10	3/29/2017	12:02:54	0 ---		0 ---		0 ---
11	3/29/2017	12:03:24	0 ---		0 ---		0 ---
12	3/29/2017	12:03:54	0 ---		0 ---		0 ---
13	3/29/2017	12:04:24	0 ---		0 ---		0 ---
14	3/29/2017	12:04:54	0 ---		0 ---		0 ---
15	3/29/2017	12:05:24	0 ---		0 ---		0 ---
16	3/29/2017	12:05:54	0 ---		0 ---		0 ---
17	3/29/2017	12:06:24	0 ---		0 ---		0 ---
18	3/29/2017	12:06:54	0 ---		0 ---		0 ---
19	3/29/2017	12:07:24	0 ---		0 ---		0 ---
20	3/29/2017	12:07:54	0 ---		0 ---		0 ---
21	3/29/2017	12:08:24	0 ---		0 ---		0 ---
22	3/29/2017	12:08:54	0 ---		0 ---		0 ---
23	3/29/2017	12:09:24	0 ---		0 ---		0 ---
24	3/29/2017	12:09:54	0 ---		0 ---		0 ---
25	3/29/2017	12:10:24	0 ---		0 ---		0 ---
26	3/29/2017	12:10:54	0 ---		0 ---		0 ---
27	3/29/2017	12:11:24	0 ---		0 ---		0 ---
28	3/29/2017	12:11:54	0 ---		0 ---		0 ---

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17/03/31 9:44

Summary

Unit Name MultiRAE(PGM-6228)
Unit SN MBB3Z034P9
Unit Firmware Ver V1.18

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 3
User ID 1

Begin 3/31/2017 9:44:32
End 3/31/2017 9:59:43
Sample Period(s) 30
Number of Records 30

SW-12

Sensor	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
Sensor SN	SC0311019 SC034204C SC03AR008 SC0306004 SC03A40140P7																				
Measure Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span		50	18	1	50	10															
Span	2 N/A	N/A	N/A	N/A	1000																
Low Alarm		10	19.5	10	5	50															
High Alarm		20	23.5	20	200	100															
Over Alarm		100	30	100	500	5000															
STEL Alarm	N/A	N/A		15	100	25															
TWA Alarm	N/A	N/A		10	35	10															
Measurment Gas(CF)	Methane(1	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration Time	3/24/2017	15:14	3/24/2017	15:14	3/24/2017	15:17	3/24/2017	15:14	3/24/2017	15:16											
Peak		0	21.5	0	0	1															
Min		0	21.3	0	0	0															
Average		0	21.4	0	0	0.2															

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	3/31/2017 9:45:02	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	---	---	---	---
2	3/31/2017 9:45:32	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.3	0.5	0.4
3	3/31/2017 9:46:02	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.2	0.4	0.2
4	3/31/2017 9:46:32	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.2	0.3	0.1
5	3/31/2017 9:47:02	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.2	0.3	0.2
6	3/31/2017 9:47:32	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.5	1.2	0.8
7	3/31/2017 9:48:02	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0.2	0.4	0.7	0.2
8	3/31/2017 9:48:32	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0.1	0.3	0.5	0.1
9	3/31/2017 9:49:02	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0.1	0.8	1.8	0.4
10	3/31/2017 9:49:32	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0.3	0.5	0.7	0.7
11	3/31/2017 9:50:02	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0.6	0.9	1.3	1
12	3/31/2017 9:50:32	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0.5	0.8	1.1	0.5
13	3/31/2017 9:51:02	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0.3	0.6	0.1
14	3/31/2017 9:51:32	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1
15	3/31/2017 9:52:02	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0.3	0.3
16	3/31/2017 9:52:32	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.2	0.3	0.1

17	3/31/2017	9:53:02	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0.1	0.2	0.1	
18	3/31/2017	9:53:32	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.2	0.3	0.2
19	3/31/2017	9:54:02	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.2	0.4	0.2
20	3/31/2017	9:54:32	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1
21	3/31/2017	9:55:02	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.2	0.3	0.3
22	3/31/2017	9:55:32	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.2	0
23	3/31/2017	9:56:02	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.3	0.3
24	3/31/2017	9:56:32	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.3	0.6	0
25	3/31/2017	9:57:02	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1
26	3/31/2017	9:57:32	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.1	0
27	3/31/2017	9:58:02	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0
28	3/31/2017	9:58:32	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.1	0.3	0.1
29	3/31/2017	9:59:02	0	0	0	0	21.3	21.3	21.4	21.3	0	0	0	0	0	0	0	0	0	0.1	0.3	0.2
30	3/31/2017	9:59:32	0	0	0	0	21.3	21.3	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.3	0
Peak			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.6	0.9	1.8	1
Min			0	0	0	0	21.3	21.3	21.4	21.3	0	0	0	0	0	0	0	0	0	0	0.1	0
Average			0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.1	0.3	0.5	0.2

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/31/2017	9:45:02	0 ---		0 ---		---
2	3/31/2017	9:45:32	0 ---		0 ---		0 ---
3	3/31/2017	9:46:02	0 ---		0 ---		0 ---
4	3/31/2017	9:46:32	0 ---		0 ---		0 ---
5	3/31/2017	9:47:02	0 ---		0 ---		0 ---
6	3/31/2017	9:47:32	0 ---		0 ---		0 ---
7	3/31/2017	9:48:02	0 ---		0 ---		0 ---
8	3/31/2017	9:48:32	0 ---		0 ---		0 ---
9	3/31/2017	9:49:02	0 ---		0 ---		0 ---
10	3/31/2017	9:49:32	0 ---		0 ---		0 ---
11	3/31/2017	9:50:02	0 ---		0 ---		0 ---
12	3/31/2017	9:50:32	0 ---		0 ---		0 ---
13	3/31/2017	9:51:02	0 ---		0 ---		0 ---
14	3/31/2017	9:51:32	0 ---		0 ---		0 ---
15	3/31/2017	9:52:02	0 ---		0 ---		0 ---
16	3/31/2017	9:52:32	0 ---		0 ---		0 ---
17	3/31/2017	9:53:02	0 ---		0 ---		0 ---
18	3/31/2017	9:53:32	0 ---		0 ---		0 ---
19	3/31/2017	9:54:02	0 ---		0 ---		0 ---
20	3/31/2017	9:54:32	0 ---		0 ---		0 ---
21	3/31/2017	9:55:02	0 ---		0 ---		0 ---
22	3/31/2017	9:55:32	0 ---		0 ---		0 ---
23	3/31/2017	9:56:02	0 ---		0 ---		0 ---
24	3/31/2017	9:56:32	0 ---		0 ---		0 ---
25	3/31/2017	9:57:02	0 ---		0 ---		0 ---
26	3/31/2017	9:57:32	0 ---		0 ---		0 ---
27	3/31/2017	9:58:02	0 ---		0 ---		0 ---
28	3/31/2017	9:58:32	0 ---		0 ---		0 ---
29	3/31/2017	9:59:02	0 ---		0 ---		0 ---
30	3/31/2017	9:59:32	0	0	0	0	0 ---

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17/03/31 10:04

Summary

Unit Name MultiRAE(PGM-6228)
 Unit SN MBB3Z034P9
 Unit Firmware Ver V1.18

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Power Down

Site ID 3
 User ID 1

Begin 3/31/2017 10:04:57

End 3/31/2017 10:19:53

Sample Period(s) 30
 Number of Records 29

Vertical Sparge Cluster at Brown's Creek

Sensor	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
Sensor SN	SC0311019	SC034204C	SC03AR008	SC0306004	SC03A40140P7																
Measure Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span		50	18	1	50	10															
Span	2	N/A	N/A	N/A	N/A	1000															
Low Alarm		10	19.5	10	5	50															
High Alarm		20	23.5	20	200	100															
Over Alarm		100	30	100	500	5000															
STEL Alarm	N/A	N/A		15	100	25															
TWA Alarm	N/A	N/A		10	35	10															
Measurment Gas(CF)	Methane(1	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration Time	3/24/2017	15:14	3/24/2017	15:14	3/24/2017	15:17	3/24/2017	15:14	3/24/2017	15:16											
Peak		0	21.5	0	0	0.7															
Min		0	21.4	0	0	0															
Average		0	21.4	0	0	0.2															

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	3/31/2017 10:05:27	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0	0
2	3/31/2017 10:05:57	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.1
3	3/31/2017 10:06:27	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.2	0.4	0.3
4	3/31/2017 10:06:57	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0.3	0
5	3/31/2017 10:07:27	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0.3	0
6	3/31/2017 10:07:57	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0.5	0.3
7	3/31/2017 10:08:27	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.2	0.4	0.2
8	3/31/2017 10:08:57	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.2	0.5	0.3
9	3/31/2017 10:09:27	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.2	0.4	0.4
10	3/31/2017 10:09:57	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.2	0.9	0.7
11	3/31/2017 10:10:27	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0.4	0
12	3/31/2017 10:10:57	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0.3	0.5	0.2
13	3/31/2017 10:11:27	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.2	0.3	0.1
14	3/31/2017 10:11:57	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0.1	0.3	0.4	0.1
15	3/31/2017 10:12:27	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.2	0.6	0.6

16	3/31/2017	10:12:57	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0.2	0.3	0.8	0.2
17	3/31/2017	10:13:27	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0.3	1.1	0.1
18	3/31/2017	10:13:57	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.2	0.3	0.2
19	3/31/2017	10:14:27	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.3	0.9	0.1
20	3/31/2017	10:14:57	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0.3	0.5	0.8	0.7
21	3/31/2017	10:15:27	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.6	1.7	0.7
22	3/31/2017	10:15:57	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.5	0.4
23	3/31/2017	10:16:27	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0.1	0.3	0.7	0.1
24	3/31/2017	10:16:57	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.6	0.3
25	3/31/2017	10:17:27	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.5	0
26	3/31/2017	10:17:57	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.4	0.3
27	3/31/2017	10:18:27	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.4	0
28	3/31/2017	10:18:57	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
29	3/31/2017	10:19:27	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.3	0.2
Peak			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.3	0.6	1.7	0.7
Min			0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0.1	0.3	0
Average			0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0.2	0.6	0.2

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/31/2017 10:05:27	0	---	0	---	---	---
2	3/31/2017 10:05:57	0	---	0	---	0	---
3	3/31/2017 10:06:27	0	---	0	---	0	---
4	3/31/2017 10:06:57	0	---	0	---	0	---
5	3/31/2017 10:07:27	0	---	0	---	0	---
6	3/31/2017 10:07:57	0	---	0	---	0	---
7	3/31/2017 10:08:27	0	---	0	---	0	---
8	3/31/2017 10:08:57	0	---	0	---	0	---
9	3/31/2017 10:09:27	0	---	0	---	0	---
10	3/31/2017 10:09:57	0	---	0	---	0	---
11	3/31/2017 10:10:27	0	---	0	---	0	---
12	3/31/2017 10:10:57	0	---	0	---	0	---
13	3/31/2017 10:11:27	0	---	0	---	0	---
14	3/31/2017 10:11:57	0	---	0	---	0	---
15	3/31/2017 10:12:27	0	---	0	---	0	---
16	3/31/2017 10:12:57	0	---	0	---	0	---
17	3/31/2017 10:13:27	0	---	0	---	0	---
18	3/31/2017 10:13:57	0	---	0	---	0	---
19	3/31/2017 10:14:27	0	---	0	---	0	---
20	3/31/2017 10:14:57	0	---	0	---	0	---
21	3/31/2017 10:15:27	0	---	0	---	0	---
22	3/31/2017 10:15:57	0	---	0	---	0	---
23	3/31/2017 10:16:27	0	---	0	---	0	---
24	3/31/2017 10:16:57	0	---	0	---	0	---
25	3/31/2017 10:17:27	0	---	0	---	0	---
26	3/31/2017 10:17:57	0	---	0	---	0	---
27	3/31/2017 10:18:27	0	---	0	---	0	---
28	3/31/2017 10:18:57	0	---	0	---	0	---
29	3/31/2017 10:19:27	0	---	0	---	0	---

=====
17/03/31 10:42

Summary

17	3/31/2017	10:50:52	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
18	3/31/2017	10:51:22	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.2	0
19	3/31/2017	10:51:52	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.2	0.6	0.2
20	3/31/2017	10:52:22	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.3	0
21	3/31/2017	10:52:52	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
22	3/31/2017	10:53:22	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
23	3/31/2017	10:53:52	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
24	3/31/2017	10:54:22	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.3	1.3	0
25	3/31/2017	10:54:52	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.6	0.4
26	3/31/2017	10:55:22	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.6	1.3	0.2
27	3/31/2017	10:55:52	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.2	0.6	1.5	0.5
28	3/31/2017	10:56:22	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.3	1	1
29	3/31/2017	10:56:52	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.4	0.9	0.3
30	3/31/2017	10:57:22	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.9	0
31	3/31/2017	10:57:52	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
32	3/31/2017	10:58:22	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.5	0.2
Peak			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0.2	0.6	2.7	1
Min			0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1

TWA/STEL

Index	Date/Time	H2S(ppm) (TWA)	H2S(ppm) (STEL)	CO(ppm) (TWA)	CO(ppm) (STEL)	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1	3/31/2017 10:42:52	0	---	0	---	---	---
2	3/31/2017 10:43:22	0	---	0	---	0	---
3	3/31/2017 10:43:52	0	---	0	---	0	---
4	3/31/2017 10:44:22	0	---	0	---	0	---
5	3/31/2017 10:44:52	0	---	0	---	0	---
6	3/31/2017 10:45:22	0	---	0	---	0	---
7	3/31/2017 10:45:52	0	---	0	---	0	---
8	3/31/2017 10:46:22	0	---	0	---	0	---
9	3/31/2017 10:46:52	0	---	0	---	0	---
10	3/31/2017 10:47:22	0	---	0	---	0	---
11	3/31/2017 10:47:52	0	---	0	---	0	---
12	3/31/2017 10:48:22	0	---	0	---	0	---
13	3/31/2017 10:48:52	0	---	0	---	0	---
14	3/31/2017 10:49:22	0	---	0	---	0	---
15	3/31/2017 10:49:52	0	---	0	---	0	---
16	3/31/2017 10:50:22	0	---	0	---	0	---
17	3/31/2017 10:50:52	0	---	0	---	0	---
18	3/31/2017 10:51:22	0	---	0	---	0	---
19	3/31/2017 10:51:52	0	---	0	---	0	---
20	3/31/2017 10:52:22	0	---	0	---	0	---
21	3/31/2017 10:52:52	0	---	0	---	0	---
22	3/31/2017 10:53:22	0	---	0	---	0	---
23	3/31/2017 10:53:52	0	---	0	---	0	---
24	3/31/2017 10:54:22	0	---	0	---	0	---
25	3/31/2017 10:54:52	0	---	0	---	0	---
26	3/31/2017 10:55:22	0	---	0	---	0	---
27	3/31/2017 10:55:52	0	---	0	---	0	---
28	3/31/2017 10:56:22	0	---	0	---	0	---
29	3/31/2017 10:56:52	0	---	0	---	0	---
30	3/31/2017 10:57:22	0	0	0	0	0	---
31	3/31/2017 10:57:52	0	0	0	0	0	0.1

12	3/31/2017	11:52:39	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
13	3/31/2017	11:53:09	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
14	3/31/2017	11:53:39	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
15	3/31/2017	11:54:09	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
16	3/31/2017	11:54:39	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
17	3/31/2017	11:55:09	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
18	3/31/2017	11:55:39	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
19	3/31/2017	11:56:09	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
20	3/31/2017	11:56:39	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
21	3/31/2017	11:57:09	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
22	3/31/2017	11:57:39	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
23	3/31/2017	11:58:09	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
24	3/31/2017	11:58:39	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
25	3/31/2017	11:59:09	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
26	3/31/2017	11:59:39	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
27	3/31/2017	12:00:09	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
28	3/31/2017	12:00:39	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
29	3/31/2017	12:01:09	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
30	3/31/2017	12:01:39	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
Min			0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/31/2017	11:47:09	0 ---		0 ---		---
2	3/31/2017	11:47:39	0 ---		0 ---		0 ---
3	3/31/2017	11:48:09	0 ---		0 ---		0 ---
4	3/31/2017	11:48:39	0 ---		0 ---		0 ---
5	3/31/2017	11:49:09	0 ---		0 ---		0 ---
6	3/31/2017	11:49:39	0 ---		0 ---		0 ---
7	3/31/2017	11:50:09	0 ---		0 ---		0 ---
8	3/31/2017	11:50:39	0 ---		0 ---		0 ---
9	3/31/2017	11:51:09	0 ---		0 ---		0 ---
10	3/31/2017	11:51:39	0 ---		0 ---		0 ---
11	3/31/2017	11:52:09	0 ---		0 ---		0 ---
12	3/31/2017	11:52:39	0 ---		0 ---		0 ---
13	3/31/2017	11:53:09	0 ---		0 ---		0 ---
14	3/31/2017	11:53:39	0 ---		0 ---		0 ---
15	3/31/2017	11:54:09	0 ---		0 ---		0 ---
16	3/31/2017	11:54:39	0 ---		0 ---		0 ---
17	3/31/2017	11:55:09	0 ---		0 ---		0 ---
18	3/31/2017	11:55:39	0 ---		0 ---		0 ---
19	3/31/2017	11:56:09	0 ---		0 ---		0 ---
20	3/31/2017	11:56:39	0 ---		0 ---		0 ---
21	3/31/2017	11:57:09	0 ---		0 ---		0 ---
22	3/31/2017	11:57:39	0 ---		0 ---		0 ---
23	3/31/2017	11:58:09	0 ---		0 ---		0 ---
24	3/31/2017	11:58:39	0 ---		0 ---		0 ---
25	3/31/2017	11:59:09	0 ---		0 ---		0 ---
26	3/31/2017	11:59:39	0 ---		0 ---		0 ---
27	3/31/2017	12:00:09	0 ---		0 ---		0 ---
28	3/31/2017	12:00:39	0 ---		0 ---		0 ---

11	3/31/2017	12:12:19	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0	0
12	3/31/2017	12:12:49	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0	0
13	3/31/2017	12:13:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0
14	3/31/2017	12:13:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0
15	3/31/2017	12:14:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0.1	0
16	3/31/2017	12:14:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
17	3/31/2017	12:15:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
18	3/31/2017	12:15:49	0	0	0	0	21.4	21.4	21.5	21.4	0	0	0	0	0	0	0	0	0	0	0	0
19	3/31/2017	12:16:19	0	0	0	0	21.3	21.3	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
20	3/31/2017	12:16:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
21	3/31/2017	12:17:19	0	0	0	0	21.3	21.3	21.4	21.3	0	0	0	0	0	0	0	0	0	0	0	0
22	3/31/2017	12:17:49	0	0	0	0	21.3	21.3	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
23	3/31/2017	12:18:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
24	3/31/2017	12:18:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
25	3/31/2017	12:19:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
26	3/31/2017	12:19:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
27	3/31/2017	12:20:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
28	3/31/2017	12:20:49	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
29	3/31/2017	12:21:19	0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
30	3/31/2017	12:21:49	0	0	0	0	21.3	21.3	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.1	0
Min			0	0	0	0	21.3	21.3	21.4	21.3	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/31/2017	12:07:19	0 ---		0 ---		---
2	3/31/2017	12:07:49	0 ---		0 ---		0 ---
3	3/31/2017	12:08:19	0 ---		0 ---		0 ---
4	3/31/2017	12:08:49	0 ---		0 ---		0 ---
5	3/31/2017	12:09:19	0 ---		0 ---		0 ---
6	3/31/2017	12:09:49	0 ---		0 ---		0 ---
7	3/31/2017	12:10:19	0 ---		0 ---		0 ---
8	3/31/2017	12:10:49	0 ---		0 ---		0 ---
9	3/31/2017	12:11:19	0 ---		0 ---		0 ---
10	3/31/2017	12:11:49	0 ---		0 ---		0 ---
11	3/31/2017	12:12:19	0 ---		0 ---		0 ---
12	3/31/2017	12:12:49	0 ---		0 ---		0 ---
13	3/31/2017	12:13:19	0 ---		0 ---		0 ---
14	3/31/2017	12:13:49	0 ---		0 ---		0 ---
15	3/31/2017	12:14:19	0 ---		0 ---		0 ---
16	3/31/2017	12:14:49	0 ---		0 ---		0 ---
17	3/31/2017	12:15:19	0 ---		0 ---		0 ---
18	3/31/2017	12:15:49	0 ---		0 ---		0 ---
19	3/31/2017	12:16:19	0 ---		0 ---		0 ---
20	3/31/2017	12:16:49	0 ---		0 ---		0 ---
21	3/31/2017	12:17:19	0 ---		0 ---		0 ---
22	3/31/2017	12:17:49	0 ---		0 ---		0 ---
23	3/31/2017	12:18:19	0 ---		0 ---		0 ---
24	3/31/2017	12:18:49	0 ---		0 ---		0 ---
25	3/31/2017	12:19:19	0 ---		0 ---		0 ---
26	3/31/2017	12:19:49	0 ---		0 ---		0 ---
27	3/31/2017	12:20:19	0 ---		0 ---		0 ---

10	3/31/2017	12:31:02	0	0	0	0	21.4	21.4	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
11	3/31/2017	12:31:32	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
12	3/31/2017	12:32:02	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
13	3/31/2017	12:32:32	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
14	3/31/2017	12:33:02	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
15	3/31/2017	12:33:32	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0.1	0
16	3/31/2017	12:34:02	0	0	0	0	21.5	21.5	21.6	21.5	0	0	0	0	0	0	0	0	0	0	0	0
17	3/31/2017	12:34:32	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
18	3/31/2017	12:35:02	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
19	3/31/2017	12:35:32	0	0	0	0	21.5	21.5	21.6	21.5	0	0	0	0	0	0	0	0	0	0	0	0
20	3/31/2017	12:36:02	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
21	3/31/2017	12:36:32	0	0	0	0	21.5	21.5	21.6	21.5	0	0	0	0	0	0	0	0	0	0	0	0
22	3/31/2017	12:37:02	0	0	0	0	21.5	21.5	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0
23	3/31/2017	12:37:32	0	0	0	0	21.5	21.5	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0
24	3/31/2017	12:38:02	0	0	0	0	21.5	21.5	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0
25	3/31/2017	12:38:32	0	0	0	0	21.5	21.5	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0
26	3/31/2017	12:39:02	0	0	0	0	21.6	21.6	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0
27	3/31/2017	12:39:32	0	0	0	0	21.6	21.6	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	21.6	21.6	21.6	21.6	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1
Min			0	0	0	0	21.4	21.4	21.4	21.4	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0

TWA/STEL

Index	Date/Time	H2S(ppm) (TWA)	H2S(ppm) (STEL)	CO(ppm) (TWA)	CO(ppm) (STEL)	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1	3/31/2017 12:26:32	0	---	0	---	---	---
2	3/31/2017 12:27:02	0	---	0	---	0	---
3	3/31/2017 12:27:32	0	---	0	---	0	---
4	3/31/2017 12:28:02	0	---	0	---	0	---
5	3/31/2017 12:28:32	0	---	0	---	0	---
6	3/31/2017 12:29:02	0	---	0	---	0	---
7	3/31/2017 12:29:32	0	---	0	---	0	---
8	3/31/2017 12:30:02	0	---	0	---	0	---
9	3/31/2017 12:30:32	0	---	0	---	0	---
10	3/31/2017 12:31:02	0	---	0	---	0	---
11	3/31/2017 12:31:32	0	---	0	---	0	---
12	3/31/2017 12:32:02	0	---	0	---	0	---
13	3/31/2017 12:32:32	0	---	0	---	0	---
14	3/31/2017 12:33:02	0	---	0	---	0	---
15	3/31/2017 12:33:32	0	---	0	---	0	---
16	3/31/2017 12:34:02	0	---	0	---	0	---
17	3/31/2017 12:34:32	0	---	0	---	0	---
18	3/31/2017 12:35:02	0	---	0	---	0	---
19	3/31/2017 12:35:32	0	---	0	---	0	---
20	3/31/2017 12:36:02	0	---	0	---	0	---
21	3/31/2017 12:36:32	0	---	0	---	0	---
22	3/31/2017 12:37:02	0	---	0	---	0	---
23	3/31/2017 12:37:32	0	---	0	---	0	---
24	3/31/2017 12:38:02	0	---	0	---	0	---
25	3/31/2017 12:38:32	0	---	0	---	0	---
26	3/31/2017 12:39:02	0	---	0	---	0	---
27	3/31/2017 12:39:32	0	---	0	---	0	---

15	3/31/2017	12:52:29	0	0	0	0	21.5	21.5	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0
16	3/31/2017	12:52:59	0	0	0	0	21.5	21.5	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0
17	3/31/2017	12:53:29	0	0	0	0	21.5	21.5	21.6	21.5	0	0	0	0	0	0	0	0	0	0	0	0
18	3/31/2017	12:53:59	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
19	3/31/2017	12:54:29	0	0	0	0	21.5	21.5	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0
20	3/31/2017	12:54:59	0	0	0	0	21.5	21.5	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0
21	3/31/2017	12:55:29	0	0	0	0	21.5	21.5	21.6	21.5	0	0	0	0	0	0	0	0	0	0	0	0
22	3/31/2017	12:55:59	0	0	0	0	21.5	21.5	21.6	21.5	0	0	0	0	0	0	0	0	0	0	0	0
23	3/31/2017	12:56:29	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
24	3/31/2017	12:56:59	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
25	3/31/2017	12:57:29	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
26	3/31/2017	12:57:59	0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
27	3/31/2017	12:58:29	0	0	0	0	21.5	21.5	21.6	21.5	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	21.6	21.6	21.7	21.6	0	0	0	0	0	0	0	0	0	0	0.1	0.1
Min			0	0	0	0	21.5	21.5	21.5	21.5	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	21.5	21.5	21.6	21.6	0	0	0	0	0	0	0	0	0	0	0	0

TWA/STEL

Index	Date/Time	H2S(ppm) (TWA)	H2S(ppm) (STEL)	CO(ppm) (TWA)	CO(ppm) (STEL)	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1	3/31/2017 12:45:29	0	---	0	---	---	---
2	3/31/2017 12:45:59	0	---	0	---	0	---
3	3/31/2017 12:46:29	0	---	0	---	0	---
4	3/31/2017 12:46:59	0	---	0	---	0	---
5	3/31/2017 12:47:29	0	---	0	---	0	---
6	3/31/2017 12:47:59	0	---	0	---	0	---
7	3/31/2017 12:48:29	0	---	0	---	0	---
8	3/31/2017 12:48:59	0	---	0	---	0	---
9	3/31/2017 12:49:29	0	---	0	---	0	---
10	3/31/2017 12:49:59	0	---	0	---	0	---
11	3/31/2017 12:50:29	0	---	0	---	0	---
12	3/31/2017 12:50:59	0	---	0	---	0	---
13	3/31/2017 12:51:29	0	---	0	---	0	---
14	3/31/2017 12:51:59	0	---	0	---	0	---
15	3/31/2017 12:52:29	0	---	0	---	0	---
16	3/31/2017 12:52:59	0	---	0	---	0	---
17	3/31/2017 12:53:29	0	---	0	---	0	---
18	3/31/2017 12:53:59	0	---	0	---	0	---
19	3/31/2017 12:54:29	0	---	0	---	0	---
20	3/31/2017 12:54:59	0	---	0	---	0	---
21	3/31/2017 12:55:29	0	---	0	---	0	---
22	3/31/2017 12:55:59	0	---	0	---	0	---
23	3/31/2017 12:56:29	0	---	0	---	0	---
24	3/31/2017 12:56:59	0	---	0	---	0	---
25	3/31/2017 12:57:29	0	---	0	---	0	---
26	3/31/2017 12:57:59	0	---	0	---	0	---
27	3/31/2017 12:58:29	0	---	0	---	0	---

17/03/31 13:16

Summary

Unit Name MultiRAE(PGM-6228)
Unit SN MBB3Z034P9

20	3/31/2017	13:26:43	0	0	0	0	21.6	21.6	21.7	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0
21	3/31/2017	13:27:13	0	0	0	0	21.6	21.6	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0	0
22	3/31/2017	13:27:43	0	0	0	0	21.6	21.6	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0	0
23	3/31/2017	13:28:13	0	0	0	0	21.6	21.6	21.7	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0
24	3/31/2017	13:28:43	0	0	0	0	21.6	21.6	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0	0
25	3/31/2017	13:29:13	0	0	0	0	21.6	21.6	21.7	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0
26	3/31/2017	13:29:43	0	0	0	0	21.6	21.6	21.7	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0
27	3/31/2017	13:30:13	0	0	0	0	21.6	21.6	21.7	21.7	0	0	0	0	0	0	0	0	0	0	0	0	0
28	3/31/2017	13:30:43	0	0	0	0	21.6	21.6	21.7	21.6	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	21.6	21.6	21.7	21.7	0	0	0	0	0	0	0	0	0.1	0.1	0.2	0.2	
Min			0	0	0	0	21.5	21.5	21.6	21.5	0	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	21.6	21.6	21.7	21.6	0	0	0	0	0	0	0	0	0	0	0.1	0	0

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	3/31/2017 13:17:13	0	---	0	---	---	---
2	3/31/2017 13:17:43	0	---	0	---	0	---
3	3/31/2017 13:18:13	0	---	0	---	0	---
4	3/31/2017 13:18:43	0	---	0	---	0	---
5	3/31/2017 13:19:13	0	---	0	---	0	---
6	3/31/2017 13:19:43	0	---	0	---	0	---
7	3/31/2017 13:20:13	0	---	0	---	0	---
8	3/31/2017 13:20:43	0	---	0	---	0	---
9	3/31/2017 13:21:13	0	---	0	---	0	---
10	3/31/2017 13:21:43	0	---	0	---	0	---
11	3/31/2017 13:22:13	0	---	0	---	0	---
12	3/31/2017 13:22:43	0	---	0	---	0	---
13	3/31/2017 13:23:13	0	---	0	---	0	---
14	3/31/2017 13:23:43	0	---	0	---	0	---
15	3/31/2017 13:24:13	0	---	0	---	0	---
16	3/31/2017 13:24:43	0	---	0	---	0	---
17	3/31/2017 13:25:13	0	---	0	---	0	---
18	3/31/2017 13:25:43	0	---	0	---	0	---
19	3/31/2017 13:26:13	0	---	0	---	0	---
20	3/31/2017 13:26:43	0	---	0	---	0	---
21	3/31/2017 13:27:13	0	---	0	---	0	---
22	3/31/2017 13:27:43	0	---	0	---	0	---
23	3/31/2017 13:28:13	0	---	0	---	0	---
24	3/31/2017 13:28:43	0	---	0	---	0	---
25	3/31/2017 13:29:13	0	---	0	---	0	---
26	3/31/2017 13:29:43	0	---	0	---	0	---
27	3/31/2017 13:30:13	0	---	0	---	0	---
28	3/31/2017 13:30:43	0	---	0	---	0	---

17/04/01 12:49

Summary

Unit	Name	MultiRAE(PGM-6228)
Unit	SN	MBB3Z064Q8
Unit	Firmware Ver	V1.31

Running	Mode	Hygiene	Mode
Datalog	Mode	Auto	
Diagnostic	Mode	No	
Stop	Reason	Schedule	Stop

Site	ID	194
User	ID	0

Begin	4/1/2017	12:49:43	
End	4/2/2017	12:49:43	
Sample	Period(s)	600	
Number	of	Records	144

Sensor	SN	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
SC03111289T	SC0342108	SC03AR0062	SC0306033	SC03A40150Q7																		
Measure	Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span		50	18	1	50	10																
Span	2	N/A	N/A	N/A	N/A	1000																
Low	Alarm	10	19.5	10	35	50																
High	Alarm	20	23.5	20	200	100																
Over	Alarm	100	30	100	500	5000																
STEL	Alarm	N/A	N/A	15	100	25																
TWA	Alarm	N/A	N/A	10	35	30																
Measurem	Gas(CF)	Methane(1.0)	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration	Time	3/24/2017	15:03	3/24/2017	15:03	3/24/2017	15:07	3/24/2017	15:03	3/24/2017	15:05											
Peak		0	20.9	0	0	0.8																
Min		0	20.9	0	0	0																
Average		0	20.9	0	0	0.2																

Datalog

Index	Date/Time	LEL(%LEL)	LEL(%LEL)	LEL(%LEL)	LEL(%LEL)	OXY(%)	OXY(%)	OXY(%)	OXY(%)	H2S(ppm)	H2S(ppm)	H2S(ppm)	H2S(ppm)	CO(ppm)	CO(ppm)	CO(ppm)	CO(ppm)	VOC(ppm)	VOC(ppm)	VOC(ppm)	VOC(ppm)	
		(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	
1	4/1/2017 12:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	1.8	0.2
2	4/1/2017 13:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.5	1.7	0.5
3	4/1/2017 13:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.3	1.6	0.2
4	4/1/2017 13:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.9	0.8
5	4/1/2017 13:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	1.4	0.5
6	4/1/2017 13:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	1.2	0.1
7	4/1/2017 13:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	1.5	0.3
8	4/1/2017 14:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1
9	4/1/2017 14:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	1	0
10	4/1/2017 14:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	0.4	0.1
11	4/1/2017 14:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.7	0.1
12	4/1/2017 14:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	1.4	0.4
13	4/1/2017 14:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	1.4	0.1
14	4/1/2017 15:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1

15	4/1/2017	15:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.9	0.1	
16	4/1/2017	15:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1.1	0.1	
17	4/1/2017	15:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.4	0.1	
18	4/1/2017	15:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.9	0.1	
19	4/1/2017	15:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.3	0.3	
20	4/1/2017	16:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.9	0.1	
21	4/1/2017	16:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	1.6	0.1	
22	4/1/2017	16:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	2.1	0.2	
23	4/1/2017	16:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1.5	0.3	
24	4/1/2017	16:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.6	0.1	
25	4/1/2017	16:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.5	0.1	
26	4/1/2017	17:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.3	0.1	
27	4/1/2017	17:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	1.6	0.5	
28	4/1/2017	17:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1.2	0.4	
29	4/1/2017	17:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1.2	0.4	
30	4/1/2017	17:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1.3	0.2	
31	4/1/2017	17:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.4	1.8	0.5	
32	4/1/2017	18:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	1.4	0.2	
33	4/1/2017	18:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1.4	0.2	
34	4/1/2017	18:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.8	0.2	
35	4/1/2017	18:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.6	0.1	
36	4/1/2017	18:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.4	1.8	0.5	
37	4/1/2017	18:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1.4	0.3	
38	4/1/2017	19:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.5	2.3	0.3	
39	4/1/2017	19:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	0.7	0.4	
40	4/1/2017	19:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1	0.2	
41	4/1/2017	19:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.4	1.4	0.3	
42	4/1/2017	19:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1	0.1	
43	4/1/2017	19:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.1	0.1
44	4/1/2017	20:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.1	0.1
45	4/1/2017	20:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.1	0.1
46	4/1/2017	20:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1
47	4/1/2017	20:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	
48	4/1/2017	20:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.7	0.3	
49	4/1/2017	20:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.5	0.1	
50	4/1/2017	21:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.5	0.3	
51	4/1/2017	21:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	0.8	0.4	
52	4/1/2017	21:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1.5	0.1	
53	4/1/2017	21:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.1	0.1
54	4/1/2017	21:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.3	0.3
55	4/1/2017	21:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	0.5	0.2	
56	4/1/2017	22:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.3	0.1	
57	4/1/2017	22:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.3	0.2	
58	4/1/2017	22:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.2	0.1	
59	4/1/2017	22:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.3	0.2	
60	4/1/2017	22:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.2	0.1	
61	4/1/2017	22:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.3	0.2	
62	4/1/2017	23:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.2	0.2
63	4/1/2017	23:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.3	0.1	
64	4/1/2017	23:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.1	0.1
65	4/1/2017	23:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.3	0.1	
66	4/1/2017	23:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0.4	0.4
67	4/1/2017	23:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.2	0.2
68	4/2/2017	0:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.1	0.1
69	4/2/2017	0:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.4	0.2	
70	4/2/2017	0:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.3	0.1	

127	4/2/2017	9:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.6	0.4
128	4/2/2017	10:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	0.8	0.8
129	4/2/2017	10:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.8	0.5
130	4/2/2017	10:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.5
131	4/2/2017	10:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.8	0.2
132	4/2/2017	10:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.7	0.5
133	4/2/2017	10:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1	0.5
134	4/2/2017	11:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.5	1	0.3
135	4/2/2017	11:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	0.9	0.3
136	4/2/2017	11:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.1	0.1
137	4/2/2017	11:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.9	0.6
138	4/2/2017	11:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1	0.6
139	4/2/2017	11:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.1	0.1
140	4/2/2017	12:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1	0.3
141	4/2/2017	12:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1	0.1
142	4/2/2017	12:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1.1	0.1
143	4/2/2017	12:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1	0.1
144	4/2/2017	12:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.9	0.1
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2.3	0.8
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.2

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/1/2017	12:59:43	0	---	0	---	0	---
2	4/1/2017	13:09:43	0	0	0	0	0	0.5
3	4/1/2017	13:19:43	0	0	0	0	0	0.5
4	4/1/2017	13:29:43	0	0	0	0	0	0.7
5	4/1/2017	13:39:43	0	0	0	0	0	0.9
6	4/1/2017	13:49:43	0	0	0	0	0	0.4
7	4/1/2017	13:59:43	0	0	0	0	0.1	0.3
8	4/1/2017	14:09:43	0	0	0	0	0.1	0.3
9	4/1/2017	14:19:43	0	0	0	0	0.1	0.1
10	4/1/2017	14:29:43	0	0	0	0	0.1	0.1
11	4/1/2017	14:39:43	0	0	0	0	0.1	0.1
12	4/1/2017	14:49:43	0	0	0	0	0.1	0.3
13	4/1/2017	14:59:43	0	0	0	0	0.1	0.3
14	4/1/2017	15:09:43	0	0	0	0	0.1	0.1
15	4/1/2017	15:19:43	0	0	0	0	0.1	0.1
16	4/1/2017	15:29:43	0	0	0	0	0.1	0.1
17	4/1/2017	15:39:43	0	0	0	0	0.1	0.1
18	4/1/2017	15:49:43	0	0	0	0	0.1	0.1
19	4/1/2017	15:59:43	0	0	0	0	0.1	0.3
20	4/1/2017	16:09:43	0	0	0	0	0.1	0.3
21	4/1/2017	16:19:43	0	0	0	0	0.1	0.1
22	4/1/2017	16:29:43	0	0	0	0	0.1	0.2
23	4/1/2017	16:39:43	0	0	0	0	0.1	0.3
24	4/1/2017	16:49:43	0	0	0	0	0.1	0.3
25	4/1/2017	16:59:43	0	0	0	0	0.1	0.1
26	4/1/2017	17:09:43	0	0	0	0	0.1	0.1
27	4/1/2017	17:19:43	0	0	0	0	0.1	0.4
28	4/1/2017	17:29:43	0	0	0	0	0.1	0.6
29	4/1/2017	17:39:43	0	0	0	0	0.1	0.5
30	4/1/2017	17:49:43	0	0	0	0	0.1	0.4

31	4/1/2017	17:59:43	0	0	0	0	0.2	0.5
32	4/1/2017	18:09:43	0	0	0	0	0.2	0.5
33	4/1/2017	18:19:43	0	0	0	0	0.2	0.3
34	4/1/2017	18:29:43	0	0	0	0	0.2	0.3
35	4/1/2017	18:39:43	0	0	0	0	0.2	0.2
36	4/1/2017	18:49:43	0	0	0	0	0.2	0.4
37	4/1/2017	18:59:43	0	0	0	0	0.2	0.5
38	4/1/2017	19:09:43	0	0	0	0	0.2	0.4
39	4/1/2017	19:19:43	0	0	0	0	0.2	0.5
40	4/1/2017	19:29:43	0	0	0	0	0.2	0.4
41	4/1/2017	19:39:43	0	0	0	0	0.2	0.3
42	4/1/2017	19:49:43	0	0	0	0	0.2	0.3
43	4/1/2017	19:59:43	0	0	0	0	0.2	0.1
44	4/1/2017	20:09:43	0	0	0	0	0.2	0.1
45	4/1/2017	20:19:43	0	0	0	0	0.2	0.1
46	4/1/2017	20:29:43	0	0	0	0	0.2	0.1
47	4/1/2017	20:39:43	0	0	0	0	0.2	0.1
48	4/1/2017	20:49:43	0	0	0	0	0.2	0.3
49	4/1/2017	20:59:43	0	0	0	0	0.2	0.3
50	4/1/2017	21:09:43	0	0	0	0	0.2	0.3
51	4/1/2017	21:19:43	0	0	0	0	0.2	0.5
52	4/1/2017	21:29:43	0	0	0	0	0.2	0.3
53	4/1/2017	21:39:43	0	0	0	0	0.2	0.1
54	4/1/2017	21:49:43	0	0	0	0	0.3	0.3
55	4/1/2017	21:59:43	0	0	0	0	0.3	0.3
56	4/1/2017	22:09:43	0	0	0	0	0.3	0.2
57	4/1/2017	22:19:43	0	0	0	0	0.3	0.2
58	4/1/2017	22:29:43	0	0	0	0	0.3	0.2
59	4/1/2017	22:39:43	0	0	0	0	0.3	0.2
60	4/1/2017	22:49:43	0	0	0	0	0.3	0.2
61	4/1/2017	22:59:43	0	0	0	0	0.3	0.2
62	4/1/2017	23:09:43	0	0	0	0	0.3	0.3
63	4/1/2017	23:19:43	0	0	0	0	0.3	0.2
64	4/1/2017	23:29:43	0	0	0	0	0.3	0.1
65	4/1/2017	23:39:43	0	0	0	0	0.3	0.1
66	4/1/2017	23:49:43	0	0	0	0	0.3	0.3
67	4/1/2017	23:59:43	0	0	0	0	0.3	0.4
68	4/2/2017	0:09:43	0	0	0	0	0.3	0.2
69	4/2/2017	0:19:43	0	0	0	0	0.3	0.2
70	4/2/2017	0:29:43	0	0	0	0	0.3	0.2
71	4/2/2017	0:39:43	0	0	0	0	0.3	0.1
72	4/2/2017	0:49:43	0	0	0	0	0.3	0.1
73	4/2/2017	0:59:43	0	0	0	0	0.3	0.1
74	4/2/2017	1:09:43	0	0	0	0	0.3	0.2
75	4/2/2017	1:19:43	0	0	0	0	0.3	0.2
76	4/2/2017	1:29:43	0	0	0	0	0.3	0.1
77	4/2/2017	1:39:43	0	0	0	0	0.3	0.1
78	4/2/2017	1:49:43	0	0	0	0	0.3	0.2
79	4/2/2017	1:59:43	0	0	0	0	0.3	0.1
80	4/2/2017	2:09:43	0	0	0	0	0.3	0.1
81	4/2/2017	2:19:43	0	0	0	0	0.3	0.1
82	4/2/2017	2:29:43	0	0	0	0	0.3	0.1
83	4/2/2017	2:39:43	0	0	0	0	0.3	0.1
84	4/2/2017	2:49:43	0	0	0	0	0.3	0.1
85	4/2/2017	2:59:43	0	0	0	0	0.3	0.1
86	4/2/2017	3:09:43	0	0	0	0	0.3	0.1

87	4/2/2017	3:19:43	0	0	0	0	0.3	0.1
88	4/2/2017	3:29:43	0	0	0	0	0.3	0.1
89	4/2/2017	3:39:43	0	0	0	0	0.3	0.1
90	4/2/2017	3:49:43	0	0	0	0	0.3	0.2
91	4/2/2017	3:59:43	0	0	0	0	0.3	0.1
92	4/2/2017	4:09:43	0	0	0	0	0.4	0.1
93	4/2/2017	4:19:43	0	0	0	0	0.4	0.2
94	4/2/2017	4:29:43	0	0	0	0	0.4	0.1
95	4/2/2017	4:39:43	0	0	0	0	0.4	0.1
96	4/2/2017	4:49:43	0	0	0	0	0.4	0.1
97	4/2/2017	4:59:43	0	0	0	0	0.4	0.1
98	4/2/2017	5:09:43	0	0	0	0	0.4	0.1
99	4/2/2017	5:19:43	0	0	0	0	0.4	0.1
100	4/2/2017	5:29:43	0	0	0	0	0.4	0.1
101	4/2/2017	5:39:43	0	0	0	0	0.4	0.1
102	4/2/2017	5:49:43	0	0	0	0	0.4	0.1
103	4/2/2017	5:59:43	0	0	0	0	0.4	0.1
104	4/2/2017	6:09:43	0	0	0	0	0.4	0.1
105	4/2/2017	6:19:43	0	0	0	0	0.4	0.1
106	4/2/2017	6:29:43	0	0	0	0	0.4	0.1
107	4/2/2017	6:39:43	0	0	0	0	0.4	0.1
108	4/2/2017	6:49:43	0	0	0	0	0.4	0.1
109	4/2/2017	6:59:43	0	0	0	0	0.4	0.1
110	4/2/2017	7:09:43	0	0	0	0	0.4	0.1
111	4/2/2017	7:19:43	0	0	0	0	0.4	0.1
112	4/2/2017	7:29:43	0	0	0	0	0.4	0.1
113	4/2/2017	7:39:43	0	0	0	0	0.4	0.3
114	4/2/2017	7:49:43	0	0	0	0	0.4	0.3
115	4/2/2017	7:59:43	0	0	0	0	0.4	0.1
116	4/2/2017	8:09:43	0	0	0	0	0.4	0.1
117	4/2/2017	8:19:43	0	0	0	0	0.4	0.4
118	4/2/2017	8:29:43	0	0	0	0	0.4	0.4
119	4/2/2017	8:39:43	0	0	0	0	0.4	0.4
120	4/2/2017	8:49:43	0	0	0	0	0.4	0.4
121	4/2/2017	8:59:43	0	0	0	0	0.4	0.3
122	4/2/2017	9:09:43	0	0	0	0	0.4	0.3
123	4/2/2017	9:19:43	0	0	0	0	0.4	0.2
124	4/2/2017	9:29:43	0	0	0	0	0.4	0.1
125	4/2/2017	9:39:43	0	0	0	0	0.4	0.2
126	4/2/2017	9:49:43	0	0	0	0	0.5	0.5
127	4/2/2017	9:59:43	0	0	0	0	0.5	0.5
128	4/2/2017	10:09:43	0	0	0	0	0.5	0.8
129	4/2/2017	10:19:43	0	0	0	0	0.5	0.9
130	4/2/2017	10:29:43	0	0	0	0	0.5	0.7
131	4/2/2017	10:39:43	0	0	0	0	0.5	0.5
132	4/2/2017	10:49:43	0	0	0	0	0.5	0.5
133	4/2/2017	10:59:43	0	0	0	0	0.5	0.7
134	4/2/2017	11:09:43	0	0	0	0	0.5	0.5
135	4/2/2017	11:19:43	0	0	0	0	0.5	0.4
136	4/2/2017	11:29:43	0	0	0	0	0.5	0.3
137	4/2/2017	11:39:43	0	0	0	0	0.6	0.5
138	4/2/2017	11:49:43	0	0	0	0	0.6	0.8
139	4/2/2017	11:59:43	0	0	0	0	0.6	0.5
140	4/2/2017	12:09:43	0	0	0	0	0.6	0.3
141	4/2/2017	12:19:43	0	0	0	0	0.6	0.3
142	4/2/2017	12:29:43	0	0	0	0	0.6	0.1

143	4/2/2017	12:39:43	0	0	0	0	0.6	0.1
144	4/2/2017	12:49:43	0	0	0	0	0.6	0.1

17/04/02 12:49

Summary

Unit Name MultiRAE(PGM-6228)
 Unit SN MBB3Z064Q8
 Unit Firmware Ver V1.31

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Schedule Stop

Site ID 194
 User ID 0

Begin 4/2/2017 12:49:43
 End 4/3/2017 12:49:43
 Sample Period(s) 600
 Number of Records 144

Sensor LEL(%LEL) OXY(%) H2S(ppm) CO(ppm) VOC(ppm)
 Sensor SN SC03111289T SC0342108 SC03AR0062 SC0306033 SC03A40150Q7

Measure	Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real
Span			50	18	1	50	10														
Span	2	N/A	N/A	N/A	N/A		1000														
Low	Alarm		10	19.5	10	35	50														
High	Alarm		20	23.5	20	200	100														
Over	Alarm		100	30	100	500	5000														
STEL	Alarm	N/A	N/A		15	100	25														
TWA	Alarm	N/A	N/A		10	35	30														
Measurem	Gas(CF)	Methane(1.0)	N/A	N/A	N/A	Isobutylene(1.00)															
Calibration	Time	3/24/2017	15:03	3/24/2017	15:03	3/24/2017	15:05	3/24/2017	15:07	3/24/2017	15:03	3/24/2017	15:05								
Peak			0	20.9	0	0	0.6														
Min			0	20.9	0	0	0														
Average			0	20.9	0	0	0.2														

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	4/2/2017 12:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.5	0.2
2	4/2/2017 13:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.8	0.1
3	4/2/2017 13:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.4
4	4/2/2017 13:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.7	0.1
5	4/2/2017 13:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.7	0.3
6	4/2/2017 13:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.4	0.2
7	4/2/2017 13:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	0.3	0.1
8	4/2/2017 14:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
9	4/2/2017 14:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1
10	4/2/2017 14:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.5	0.2
11	4/2/2017 14:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.3	0
12	4/2/2017 14:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.2	0.2

69	4/3/2017	0:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	0.1
70	4/3/2017	0:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0.2
71	4/3/2017	0:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.6	0.2
72	4/3/2017	0:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	0.7	0.2
73	4/3/2017	0:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.4	0.1
74	4/3/2017	1:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.1
75	4/3/2017	1:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.9	0.2
76	4/3/2017	1:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.1
77	4/3/2017	1:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.2
78	4/3/2017	1:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.3	0.2
79	4/3/2017	1:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.3
80	4/3/2017	2:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.1	0.1
81	4/3/2017	2:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0.1
82	4/3/2017	2:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	0.3
83	4/3/2017	2:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.3	0.2
84	4/3/2017	2:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.6	0.2
85	4/3/2017	2:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	0.5	0.1
86	4/3/2017	3:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.4	0.1
87	4/3/2017	3:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.1
88	4/3/2017	3:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.1
89	4/3/2017	3:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.1
90	4/3/2017	3:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.2
91	4/3/2017	3:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	0.8	0.6
92	4/3/2017	4:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.7	0.2
93	4/3/2017	4:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.3
94	4/3/2017	4:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	0.2
95	4/3/2017	4:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	0.2
96	4/3/2017	4:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.8	0.1
97	4/3/2017	4:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.1	0.3	0.2
98	4/3/2017	5:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.1
99	4/3/2017	5:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0
100	4/3/2017	5:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.1
101	4/3/2017	5:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0.4
102	4/3/2017	5:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.1
103	4/3/2017	5:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	0.1
104	4/3/2017	6:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0.1
105	4/3/2017	6:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0.2
106	4/3/2017	6:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.1
107	4/3/2017	6:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.1
108	4/3/2017	6:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.7	0.1
109	4/3/2017	6:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0.1
110	4/3/2017	7:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.2
111	4/3/2017	7:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0.1
112	4/3/2017	7:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	0.2
113	4/3/2017	7:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	2.2	0.5
114	4/3/2017	7:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.2	0.6	0.1
115	4/3/2017	7:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.2
116	4/3/2017	8:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.4	1.2	0.3
117	4/3/2017	8:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.5	1.5	0.3
118	4/3/2017	8:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	0.9	0.3
119	4/3/2017	8:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	1.1	0.3
120	4/3/2017	8:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.4	1.2	0.2
121	4/3/2017	8:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.4	1.4	0.2
122	4/3/2017	9:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	0.3
123	4/3/2017	9:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	0.8	0.2
124	4/3/2017	9:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0.2

125	4/3/2017	9:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.2
126	4/3/2017	9:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.9	0.2
127	4/3/2017	9:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	4.2	0.2
128	4/3/2017	10:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
129	4/3/2017	10:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.4
130	4/3/2017	10:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1
131	4/3/2017	10:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
132	4/3/2017	10:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.3
133	4/3/2017	10:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1
134	4/3/2017	11:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
135	4/3/2017	11:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.7	0.2
136	4/3/2017	11:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.7	0.1
137	4/3/2017	11:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0
138	4/3/2017	11:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.2
139	4/3/2017	11:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0
140	4/3/2017	12:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1
141	4/3/2017	12:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1
142	4/3/2017	12:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0
143	4/3/2017	12:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.2
144	4/3/2017	12:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	4.2	0.6
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.2

TWA/STEL

Index	Date/Time	H2S(ppm) (TWA)	H2S(ppm) (STEL)	CO(ppm) (TWA)	CO(ppm) (STEL)	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1	4/2/2017 12:59:43	0	---	0	---	0	---
2	4/2/2017 13:09:43	0	0	0	0	0	0.2
3	4/2/2017 13:19:43	0	0	0	0	0	0.3
4	4/2/2017 13:29:43	0	0	0	0	0	0.3
5	4/2/2017 13:39:43	0	0	0	0	0	0.3
6	4/2/2017 13:49:43	0	0	0	0	0	0.3
7	4/2/2017 13:59:43	0	0	0	0	0	0.2
8	4/2/2017 14:09:43	0	0	0	0	0	0.1
9	4/2/2017 14:19:43	0	0	0	0	0	0.1
10	4/2/2017 14:29:43	0	0	0	0	0	0.2
11	4/2/2017 14:39:43	0	0	0	0	0	0.1
12	4/2/2017 14:49:43	0	0	0	0	0	0.1
13	4/2/2017 14:59:43	0	0	0	0	0	0.3
14	4/2/2017 15:09:43	0	0	0	0	0	0.2
15	4/2/2017 15:19:43	0	0	0	0	0.1	0.2
16	4/2/2017 15:29:43	0	0	0	0	0.1	0.2
17	4/2/2017 15:39:43	0	0	0	0	0.1	0.1
18	4/2/2017 15:49:43	0	0	0	0	0.1	0.1
19	4/2/2017 15:59:43	0	0	0	0	0.1	0.1
20	4/2/2017 16:09:43	0	0	0	0	0.1	0.1
21	4/2/2017 16:19:43	0	0	0	0	0.1	0.1
22	4/2/2017 16:29:43	0	0	0	0	0.1	0.1
23	4/2/2017 16:39:43	0	0	0	0	0.1	0.1
24	4/2/2017 16:49:43	0	0	0	0	0.1	0.1
25	4/2/2017 16:59:43	0	0	0	0	0.1	0.1
26	4/2/2017 17:09:43	0	0	0	0	0.1	0.1
27	4/2/2017 17:19:43	0	0	0	0	0.1	0.3
28	4/2/2017 17:29:43	0	0	0	0	0.1	0.3

29	4/2/2017	17:39:43	0	0	0	0	0.1	0.1
30	4/2/2017	17:49:43	0	0	0	0	0.1	0.1
31	4/2/2017	17:59:43	0	0	0	0	0.1	0.1
32	4/2/2017	18:09:43	0	0	0	0	0.1	0.2
33	4/2/2017	18:19:43	0	0	0	0	0.1	0.2
34	4/2/2017	18:29:43	0	0	0	0	0.1	0.1
35	4/2/2017	18:39:43	0	0	0	0	0.1	0.1
36	4/2/2017	18:49:43	0	0	0	0	0.1	0.1
37	4/2/2017	18:59:43	0	0	0	0	0.1	0.1
38	4/2/2017	19:09:43	0	0	0	0	0.1	0.1
39	4/2/2017	19:19:43	0	0	0	0	0.1	0.1
40	4/2/2017	19:29:43	0	0	0	0	0.1	0.1
41	4/2/2017	19:39:43	0	0	0	0	0.1	0.2
42	4/2/2017	19:49:43	0	0	0	0	0.1	0.2
43	4/2/2017	19:59:43	0	0	0	0	0.1	0.1
44	4/2/2017	20:09:43	0	0	0	0	0.1	0.1
45	4/2/2017	20:19:43	0	0	0	0	0.1	0.1
46	4/2/2017	20:29:43	0	0	0	0	0.1	0.1
47	4/2/2017	20:39:43	0	0	0	0	0.1	0.1
48	4/2/2017	20:49:43	0	0	0	0	0.1	0.1
49	4/2/2017	20:59:43	0	0	0	0	0.1	0.3
50	4/2/2017	21:09:43	0	0	0	0	0.1	0.3
51	4/2/2017	21:19:43	0	0	0	0	0.1	0.1
52	4/2/2017	21:29:43	0	0	0	0	0.1	0.1
53	4/2/2017	21:39:43	0	0	0	0	0.1	0.1
54	4/2/2017	21:49:43	0	0	0	0	0.1	0.1
55	4/2/2017	21:59:43	0	0	0	0	0.1	0.1
56	4/2/2017	22:09:43	0	0	0	0	0.2	0.1
57	4/2/2017	22:19:43	0	0	0	0	0.2	0.1
58	4/2/2017	22:29:43	0	0	0	0	0.2	0.1
59	4/2/2017	22:39:43	0	0	0	0	0.2	0.2
60	4/2/2017	22:49:43	0	0	0	0	0.2	0.3
61	4/2/2017	22:59:43	0	0	0	0	0.2	0.5
62	4/2/2017	23:09:43	0	0	0	0	0.2	0.5
63	4/2/2017	23:19:43	0	0	0	0	0.2	0.2
64	4/2/2017	23:29:43	0	0	0	0	0.2	0.1
65	4/2/2017	23:39:43	0	0	0	0	0.2	0.2
66	4/2/2017	23:49:43	0	0	0	0	0.2	0.2
67	4/2/2017	23:59:43	0	0	0	0	0.2	0.2
68	4/3/2017	0:09:43	0	0	0	0	0.2	0.3
69	4/3/2017	0:19:43	0	0	0	0	0.2	0.2
70	4/3/2017	0:29:43	0	0	0	0	0.2	0.2
71	4/3/2017	0:39:43	0	0	0	0	0.2	0.3
72	4/3/2017	0:49:43	0	0	0	0	0.2	0.3
73	4/3/2017	0:59:43	0	0	0	0	0.2	0.2
74	4/3/2017	1:09:43	0	0	0	0	0.2	0.1
75	4/3/2017	1:19:43	0	0	0	0	0.2	0.2
76	4/3/2017	1:29:43	0	0	0	0	0.2	0.2
77	4/3/2017	1:39:43	0	0	0	0	0.2	0.2
78	4/3/2017	1:49:43	0	0	0	0	0.2	0.3
79	4/3/2017	1:59:43	0	0	0	0	0.2	0.3
80	4/3/2017	2:09:43	0	0	0	0	0.2	0.3
81	4/3/2017	2:19:43	0	0	0	0	0.2	0.1
82	4/3/2017	2:29:43	0	0	0	0	0.2	0.3
83	4/3/2017	2:39:43	0	0	0	0	0.3	0.3
84	4/3/2017	2:49:43	0	0	0	0	0.3	0.3

85	4/3/2017	2:59:43	0	0	0	0	0.3	0.2
86	4/3/2017	3:09:43	0	0	0	0	0.3	0.1
87	4/3/2017	3:19:43	0	0	0	0	0.3	0.1
88	4/3/2017	3:29:43	0	0	0	0	0.3	0.1
89	4/3/2017	3:39:43	0	0	0	0	0.3	0.1
90	4/3/2017	3:49:43	0	0	0	0	0.3	0.2
91	4/3/2017	3:59:43	0	0	0	0	0.3	0.5
92	4/3/2017	4:09:43	0	0	0	0	0.3	0.5
93	4/3/2017	4:19:43	0	0	0	0	0.3	0.3
94	4/3/2017	4:29:43	0	0	0	0	0.3	0.3
95	4/3/2017	4:39:43	0	0	0	0	0.3	0.3
96	4/3/2017	4:49:43	0	0	0	0	0.3	0.2
97	4/3/2017	4:59:43	0	0	0	0	0.3	0.2
98	4/3/2017	5:09:43	0	0	0	0	0.3	0.2
99	4/3/2017	5:19:43	0	0	0	0	0.3	0.1
100	4/3/2017	5:29:43	0	0	0	0	0.3	0.1
101	4/3/2017	5:39:43	0	0	0	0	0.3	0.3
102	4/3/2017	5:49:43	0	0	0	0	0.3	0.3
103	4/3/2017	5:59:43	0	0	0	0	0.3	0.1
104	4/3/2017	6:09:43	0	0	0	0	0.3	0.1
105	4/3/2017	6:19:43	0	0	0	0	0.3	0.2
106	4/3/2017	6:29:43	0	0	0	0	0.3	0.2
107	4/3/2017	6:39:43	0	0	0	0	0.3	0.1
108	4/3/2017	6:49:43	0	0	0	0	0.3	0.1
109	4/3/2017	6:59:43	0	0	0	0	0.3	0.1
110	4/3/2017	7:09:43	0	0	0	0	0.3	0.2
111	4/3/2017	7:19:43	0	0	0	0	0.3	0.2
112	4/3/2017	7:29:43	0	0	0	0	0.3	0.2
113	4/3/2017	7:39:43	0	0	0	0	0.4	0.5
114	4/3/2017	7:49:43	0	0	0	0	0.4	0.4
115	4/3/2017	7:59:43	0	0	0	0	0.4	0.2
116	4/3/2017	8:09:43	0	0	0	0	0.4	0.3
117	4/3/2017	8:19:43	0	0	0	0	0.4	0.4
118	4/3/2017	8:29:43	0	0	0	0	0.4	0.4
119	4/3/2017	8:39:43	0	0	0	0	0.4	0.4
120	4/3/2017	8:49:43	0	0	0	0	0.4	0.3
121	4/3/2017	8:59:43	0	0	0	0	0.4	0.3
122	4/3/2017	9:09:43	0	0	0	0	0.4	0.3
123	4/3/2017	9:19:43	0	0	0	0	0.4	0.3
124	4/3/2017	9:29:43	0	0	0	0	0.4	0.3
125	4/3/2017	9:39:43	0	0	0	0	0.4	0.3
126	4/3/2017	9:49:43	0	0	0	0	0.4	0.3
127	4/3/2017	9:59:43	0	0	0	0	0.4	0.3
128	4/3/2017	10:09:43	0	0	0	0	0.4	0.2
129	4/3/2017	10:19:43	0	0	0	0	0.4	0.3
130	4/3/2017	10:29:43	0	0	0	0	0.4	0.3
131	4/3/2017	10:39:43	0	0	0	0	0.4	0.1
132	4/3/2017	10:49:43	0	0	0	0	0.4	0.3
133	4/3/2017	10:59:43	0	0	0	0	0.4	0.3
134	4/3/2017	11:09:43	0	0	0	0	0.4	0.1
135	4/3/2017	11:19:43	0	0	0	0	0.5	0.2
136	4/3/2017	11:29:43	0	0	0	0	0.5	0.2
137	4/3/2017	11:39:43	0	0	0	0	0.5	0.1
138	4/3/2017	11:49:43	0	0	0	0	0.5	0.1
139	4/3/2017	11:59:43	0	0	0	0	0.5	0.1
140	4/3/2017	12:09:43	0	0	0	0	0.5	0.1

141	4/3/2017	12:19:43	0	0	0	0	0.5	0.1
142	4/3/2017	12:29:43	0	0	0	0	0.5	0.1
143	4/3/2017	12:39:43	0	0	0	0	0.5	0.1
144	4/3/2017	12:49:43	0	0	0	0	0.5	0.2

17/04/03 12:49

Summary

Unit Name MultiRAE(PGM-6228)
 Unit SN MBB3Z064Q8
 Unit Firmware Ver V1.31

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Schedule Stop

Site ID 194
 User ID 0

Begin 4/3/2017 12:49:43
 End 4/4/2017 12:49:43
 Sample Period(s) 600
 Number of Records 144

Sensor	SN	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
SC03111289T	SC0342108	SC03AR0062	SC0306033	SC03A40150Q7																		
Measure	Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span		50	18	1	50	10																
Span	2	N/A	N/A	N/A	N/A	1000																
Low	Alarm	10	19.5	10	35	50																
High	Alarm	20	23.5	20	200	100																
Over	Alarm	100	30	100	500	5000																
STEL	Alarm	N/A	N/A	15	100	25																
TWA	Alarm	N/A	N/A	10	35	30																
Measurem	Gas(CF)	Methane(1.0)	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration	Time	3/24/2017	15:03	3/24/2017	15:03	3/24/2017	15:07	3/24/2017	15:03	3/24/2017	15:05											
Peak		0	20.9	0	0	2.4																
Min		0	20.9	0	0	0																
Average		0	20.9	0	0	0.3																

Datalog

Index	Date/Time	LEL(%LEL)	LEL(%LEL)	LEL(%LEL)	LEL(%LEL)	OXY(%)	OXY(%)	OXY(%)	OXY(%)	H2S(ppm)	H2S(ppm)	H2S(ppm)	H2S(ppm)	CO(ppm)	CO(ppm)	CO(ppm)	CO(ppm)	VOC(ppm)	VOC(ppm)	VOC(ppm)	VOC(ppm)	
		(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	
1	4/3/2017 12:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1	0
2	4/3/2017 13:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1	0.1
3	4/3/2017 13:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.6	0.1	0.1
4	4/3/2017 13:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	0.1
5	4/3/2017 13:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1	0.1
6	4/3/2017 13:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	0.1
7	4/3/2017 13:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	0.2
8	4/3/2017 14:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1	0.1
9	4/3/2017 14:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1	0.2
10	4/3/2017 14:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1	0.1

11	4/3/2017	14:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0	
12	4/3/2017	14:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0.7	
13	4/3/2017	14:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	0.1	
14	4/3/2017	15:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	0	
15	4/3/2017	15:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	0.1	
16	4/3/2017	15:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0	
17	4/3/2017	15:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.1	
18	4/3/2017	15:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.3	0.2	
19	4/3/2017	15:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.2	0.3	
20	4/3/2017	16:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	1.3	0.1	
21	4/3/2017	16:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	2.8	0.3	
22	4/3/2017	16:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.1	0.7
23	4/3/2017	16:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.1	0.2
24	4/3/2017	16:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1.2	0.3
25	4/3/2017	16:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.5
26	4/3/2017	17:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1	0.1
27	4/3/2017	17:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1	0.2
28	4/3/2017	17:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.8	0.3
29	4/3/2017	17:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.9	0.1
30	4/3/2017	17:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.2
31	4/3/2017	17:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.7	0.7
32	4/3/2017	18:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1	0.7
33	4/3/2017	18:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.2	0.1
34	4/3/2017	18:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	2	0.6
35	4/3/2017	18:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.1	0.5
36	4/3/2017	18:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.6	0.3
37	4/3/2017	18:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1	0.1
38	4/3/2017	19:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.2	0.6
39	4/3/2017	19:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1	0.1
40	4/3/2017	19:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	2	0.4
41	4/3/2017	19:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	2.2	0.4
42	4/3/2017	19:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	1.5	0.2
43	4/3/2017	19:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.1
44	4/3/2017	20:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.4	0.6
45	4/3/2017	20:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	1.1	0.8
46	4/3/2017	20:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	1.5	0.8
47	4/3/2017	20:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.2	0.2
48	4/3/2017	20:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.6	1.2
49	4/3/2017	20:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	1.8	0.2
50	4/3/2017	21:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.4	4.2	0.1
51	4/3/2017	21:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	5.6	0.5
52	4/3/2017	21:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.1	5.7	2.4
53	4/3/2017	21:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.5	3.9	0.1
54	4/3/2017	21:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1	4.4	0.3
55	4/3/2017	21:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	4.2	0.1
56	4/3/2017	22:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	2.8	0.3
57	4/3/2017	22:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	3	0.4
58	4/3/2017	22:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	4.4	0.4
59	4/3/2017	22:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.4	0.1
60	4/3/2017	22:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	2.6	1.3
61	4/3/2017	22:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2.4	0.5
62	4/3/2017	23:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.4	0.1
63	4/3/2017	23:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	2	0.3
64	4/3/2017	23:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.6	3	0.3
65	4/3/2017	23:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.8	0.3
66	4/3/2017	23:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.2	0.7

67	4/3/2017	23:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.4	1	0.2
68	4/4/2017	0:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.4	1.3	1.3
69	4/4/2017	0:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.4	1.4	6.2	0.8
70	4/4/2017	0:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	1.6	7.6	0.2
71	4/4/2017	0:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	1.3	0.2
72	4/4/2017	0:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	1.5	0.1
73	4/4/2017	0:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	0.2
74	4/4/2017	1:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.2
75	4/4/2017	1:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	1.4	0.2
76	4/4/2017	1:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0
77	4/4/2017	1:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0.1
78	4/4/2017	1:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	0.3
79	4/4/2017	1:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0.1
80	4/4/2017	2:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1	0.1
81	4/4/2017	2:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.5	0.1
82	4/4/2017	2:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	0.7	0.2
83	4/4/2017	2:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	0.7	0.1
84	4/4/2017	2:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1	0.3
85	4/4/2017	2:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.4	1.5	0.1
86	4/4/2017	3:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	0.1
87	4/4/2017	3:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	0.2
88	4/4/2017	3:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0.3
89	4/4/2017	3:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	0.2
90	4/4/2017	3:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.1
91	4/4/2017	3:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	0.2
92	4/4/2017	4:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	0
93	4/4/2017	4:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	0
94	4/4/2017	4:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1.4	0
95	4/4/2017	4:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	0.1
96	4/4/2017	4:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0.1
97	4/4/2017	4:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.9	0.2
98	4/4/2017	5:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0
99	4/4/2017	5:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.9	0.1
100	4/4/2017	5:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	0.6
101	4/4/2017	5:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.3	0.8	0.4
102	4/4/2017	5:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	1	0.4
103	4/4/2017	5:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0.1
104	4/4/2017	6:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.7	0.1
105	4/4/2017	6:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.9	0.6
106	4/4/2017	6:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	0.6
107	4/4/2017	6:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	0.3
108	4/4/2017	6:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0.1
109	4/4/2017	6:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	0.1
110	4/4/2017	7:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.1
111	4/4/2017	7:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	0.1
112	4/4/2017	7:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	0
113	4/4/2017	7:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0
114	4/4/2017	7:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	0.3
115	4/4/2017	7:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	0
116	4/4/2017	8:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.2
117	4/4/2017	8:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	2	0.3
118	4/4/2017	8:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	1.8	0.1
119	4/4/2017	8:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.5	2.6	0.2
120	4/4/2017	8:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.7	3.6	0.8
121	4/4/2017	8:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.8	2.5	0.7
122	4/4/2017	9:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0.1	0.7	2	0.1

123	4/4/2017	9:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.5	1.6	0.6	
124	4/4/2017	9:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	2	0.6
125	4/4/2017	9:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.5	1.3
126	4/4/2017	9:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	2	0.4
127	4/4/2017	9:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.6	1.1
128	4/4/2017	10:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.5	1.7	0.4
129	4/4/2017	10:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.6	0.2
130	4/4/2017	10:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.6	0.3
131	4/4/2017	10:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.7	0.3
132	4/4/2017	10:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.7	0.2
133	4/4/2017	10:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	2	0.4
134	4/4/2017	11:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.1	0.1
135	4/4/2017	11:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.8	0.9
136	4/4/2017	11:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	1.8	0.4
137	4/4/2017	11:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	2.4	0.1
138	4/4/2017	11:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	2	0.5
139	4/4/2017	11:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.5	0.1
140	4/4/2017	12:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.9	0.4
141	4/4/2017	12:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2.1	0.1
142	4/4/2017	12:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.4	0.1
143	4/4/2017	12:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.5	0.5
144	4/4/2017	12:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	2	0.4
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	1.6	7.6	2.4
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.4	0.3

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/3/2017	12:59:43	0	---	0	---	0	---
2	4/3/2017	13:09:43	0	0	0	0	0	0.1
3	4/3/2017	13:19:43	0	0	0	0	0	0.1
4	4/3/2017	13:29:43	0	0	0	0	0	0.1
5	4/3/2017	13:39:43	0	0	0	0	0	0.1
6	4/3/2017	13:49:43	0	0	0	0	0	0.1
7	4/3/2017	13:59:43	0	0	0	0	0	0.2
8	4/3/2017	14:09:43	0	0	0	0	0	0.2
9	4/3/2017	14:19:43	0	0	0	0	0	0.2
10	4/3/2017	14:29:43	0	0	0	0	0	0.2
11	4/3/2017	14:39:43	0	0	0	0	0	0.1
12	4/3/2017	14:49:43	0	0	0	0	0	0.5
13	4/3/2017	14:59:43	0	0	0	0	0	0.5
14	4/3/2017	15:09:43	0	0	0	0	0	0.1
15	4/3/2017	15:19:43	0	0	0	0	0	0.1
16	4/3/2017	15:29:43	0	0	0	0	0	0.1
17	4/3/2017	15:39:43	0	0	0	0	0	0.1
18	4/3/2017	15:49:43	0	0	0	0	0	0.2
19	4/3/2017	15:59:43	0	0	0	0	0.1	0.3
20	4/3/2017	16:09:43	0	0	0	0	0.1	0.3
21	4/3/2017	16:19:43	0	0	0	0	0.1	0.3
22	4/3/2017	16:29:43	0	0	0	0	0.1	0.7
23	4/3/2017	16:39:43	0	0	0	0	0.1	0.6
24	4/3/2017	16:49:43	0	0	0	0	0.1	0.3
25	4/3/2017	16:59:43	0	0	0	0	0.1	0.5
26	4/3/2017	17:09:43	0	0	0	0	0.1	0.4

27	4/3/2017	17:19:43	0	0	0	0	0.1	0.2
28	4/3/2017	17:29:43	0	0	0	0	0.1	0.3
29	4/3/2017	17:39:43	0	0	0	0	0.1	0.3
30	4/3/2017	17:49:43	0	0	0	0	0.1	0.2
31	4/3/2017	17:59:43	0	0	0	0	0.1	0.6
32	4/3/2017	18:09:43	0	0	0	0	0.1	0.9
33	4/3/2017	18:19:43	0	0	0	0	0.1	0.5
34	4/3/2017	18:29:43	0	0	0	0	0.2	0.5
35	4/3/2017	18:39:43	0	0	0	0	0.2	0.7
36	4/3/2017	18:49:43	0	0	0	0	0.2	0.5
37	4/3/2017	18:59:43	0	0	0	0	0.2	0.3
38	4/3/2017	19:09:43	0	0	0	0	0.2	0.5
39	4/3/2017	19:19:43	0	0	0	0	0.2	0.5
40	4/3/2017	19:29:43	0	0	0	0	0.2	0.3
41	4/3/2017	19:39:43	0	0	0	0	0.2	0.5
42	4/3/2017	19:49:43	0	0	0	0	0.2	0.4
43	4/3/2017	19:59:43	0	0	0	0	0.2	0.2
44	4/3/2017	20:09:43	0	0	0	0	0.2	0.5
45	4/3/2017	20:19:43	0	0	0	0	0.2	0.9
46	4/3/2017	20:29:43	0	0	0	0	0.3	1.1
47	4/3/2017	20:39:43	0	0	0	0	0.3	0.7
48	4/3/2017	20:49:43	0	0	0	0	0.3	0.9
49	4/3/2017	20:59:43	0	0	0	0	0.3	0.9
50	4/3/2017	21:09:43	0	0	0	0	0.3	0.2
51	4/3/2017	21:19:43	0	0	0	0	0.3	0.4
52	4/3/2017	21:29:43	0	0	0	0	0.4	1.9
53	4/3/2017	21:39:43	0	0	0	0	0.4	1.7
54	4/3/2017	21:49:43	0	0	0	0	0.4	0.3
55	4/3/2017	21:59:43	0	0	0	0	0.4	0.3
56	4/3/2017	22:09:43	0	0	0	0	0.4	0.3
57	4/3/2017	22:19:43	0	0	0	0	0.4	0.5
58	4/3/2017	22:29:43	0	0	0	0	0.4	0.5
59	4/3/2017	22:39:43	0	0	0	0	0.4	0.3
60	4/3/2017	22:49:43	0	0	0	0	0.4	0.9
61	4/3/2017	22:59:43	0	0	0	0	0.4	1.2
62	4/3/2017	23:09:43	0	0	0	0	0.4	0.4
63	4/3/2017	23:19:43	0	0	0	0	0.4	0.3
64	4/3/2017	23:29:43	0	0	0	0	0.4	0.4
65	4/3/2017	23:39:43	0	0	0	0	0.5	0.4
66	4/3/2017	23:49:43	0	0	0	0	0.5	0.7
67	4/3/2017	23:59:43	0	0	0	0	0.5	0.6
68	4/4/2017	0:09:43	0	0	0	0	0.5	1
69	4/4/2017	0:19:43	0	0	0	0	0.5	1.4
70	4/4/2017	0:29:43	0	0	0	0	0.5	0.7
71	4/4/2017	0:39:43	0	0	0	0	0.5	0.3
72	4/4/2017	0:49:43	0	0	0	0	0.5	0.2
73	4/4/2017	0:59:43	0	0	0	0	0.5	0.2
74	4/4/2017	1:09:43	0	0	0	0	0.5	0.3
75	4/4/2017	1:19:43	0	0	0	0	0.5	0.3
76	4/4/2017	1:29:43	0	0	0	0	0.5	0.1
77	4/4/2017	1:39:43	0	0	0	0	0.5	0.1
78	4/4/2017	1:49:43	0	0	0	0	0.5	0.3
79	4/4/2017	1:59:43	0	0	0	0	0.5	0.3
80	4/4/2017	2:09:43	0	0	0	0	0.5	0.1
81	4/4/2017	2:19:43	0	0	0	0	0.6	0.1
82	4/4/2017	2:29:43	0	0	0	0	0.6	0.2

83	4/4/2017	2:39:43	0	0	0	0	0.6	0.2
84	4/4/2017	2:49:43	0	0	0	0	0.6	0.3
85	4/4/2017	2:59:43	0	0	0	0	0.6	0.3
86	4/4/2017	3:09:43	0	0	0	0	0.6	0.1
87	4/4/2017	3:19:43	0	0	0	0	0.6	0.2
88	4/4/2017	3:29:43	0	0	0	0	0.6	0.3
89	4/4/2017	3:39:43	0	0	0	0	0.6	0.3
90	4/4/2017	3:49:43	0	0	0	0	0.6	0.2
91	4/4/2017	3:59:43	0	0	0	0	0.6	0.2
92	4/4/2017	4:09:43	0	0	0	0	0.6	0.1
93	4/4/2017	4:19:43	0	0	0	0	0.6	0
94	4/4/2017	4:29:43	0	0	0	0	0.6	0
95	4/4/2017	4:39:43	0	0	0	0	0.6	0.1
96	4/4/2017	4:49:43	0	0	0	0	0.6	0.1
97	4/4/2017	4:59:43	0	0	0	0	0.6	0.2
98	4/4/2017	5:09:43	0	0	0	0	0.6	0.1
99	4/4/2017	5:19:43	0	0	0	0	0.6	0.1
100	4/4/2017	5:29:43	0	0	0	0	0.6	0.5
101	4/4/2017	5:39:43	0	0	0	0	0.6	0.7
102	4/4/2017	5:49:43	0	0	0	0	0.6	0.5
103	4/4/2017	5:59:43	0	0	0	0	0.6	0.3
104	4/4/2017	6:09:43	0	0	0	0	0.6	0.1
105	4/4/2017	6:19:43	0	0	0	0	0.6	0.5
106	4/4/2017	6:29:43	0	0	0	0	0.7	0.8
107	4/4/2017	6:39:43	0	0	0	0	0.7	0.6
108	4/4/2017	6:49:43	0	0	0	0	0.7	0.3
109	4/4/2017	6:59:43	0	0	0	0	0.7	0.1
110	4/4/2017	7:09:43	0	0	0	0	0.7	0.1
111	4/4/2017	7:19:43	0	0	0	0	0.7	0.1
112	4/4/2017	7:29:43	0	0	0	0	0.7	0.1
113	4/4/2017	7:39:43	0	0	0	0	0.7	0
114	4/4/2017	7:49:43	0	0	0	0	0.7	0.2
115	4/4/2017	7:59:43	0	0	0	0	0.7	0.2
116	4/4/2017	8:09:43	0	0	0	0	0.7	0.1
117	4/4/2017	8:19:43	0	0	0	0	0.7	0.3
118	4/4/2017	8:29:43	0	0	0	0	0.7	0.3
119	4/4/2017	8:39:43	0	0	0	0	0.7	0.2
120	4/4/2017	8:49:43	0	0	0	0	0.7	0.7
121	4/4/2017	8:59:43	0	0	0	0	0.7	1
122	4/4/2017	9:09:43	0	0	0	0	0.7	0.5
123	4/4/2017	9:19:43	0	0	0	0	0.7	0.5
124	4/4/2017	9:29:43	0	0	0	0	0.8	0.8
125	4/4/2017	9:39:43	0	0	0	0	0.8	1.3
126	4/4/2017	9:49:43	0	0	0	0	0.8	1.1
127	4/4/2017	9:59:43	0	0	0	0	0.8	1
128	4/4/2017	10:09:43	0	0	0	0	0.8	1
129	4/4/2017	10:19:43	0	0	0	0	0.8	0.4
130	4/4/2017	10:29:43	0	0	0	0	0.8	0.3
131	4/4/2017	10:39:43	0	0	0	0	0.8	0.4
132	4/4/2017	10:49:43	0	0	0	0	0.8	0.3
133	4/4/2017	10:59:43	0	0	0	0	0.8	0.4
134	4/4/2017	11:09:43	0	0	0	0	0.9	0.3
135	4/4/2017	11:19:43	0	0	0	0	0.9	0.7
136	4/4/2017	11:29:43	0	0	0	0	0.9	0.9
137	4/4/2017	11:39:43	0	0	0	0	0.9	0.3
138	4/4/2017	11:49:43	0	0	0	0	0.9	0.4

139	4/4/2017	11:59:43	0	0	0	0	0.9	0.4
140	4/4/2017	12:09:43	0	0	0	0	0.9	0.3
141	4/4/2017	12:19:43	0	0	0	0	0.9	0.3
142	4/4/2017	12:29:43	0	0	0	0	0.9	0.1
143	4/4/2017	12:39:43	0	0	0	0	0.9	0.4
144	4/4/2017	12:49:43	0	0	0	0	0.9	0.6

17/04/04 12:49

Summary

Unit Name MultiRAE(PGM-6228)
 Unit SN MBB3Z064Q8
 Unit Firmware Ver V1.31

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Schedule Stop

Site ID 194
 User ID 0

Begin 4/4/2017 12:49:43
 End 4/5/2017 12:49:43
 Sample Period(s) 600
 Number of Records 144

Sensor	SN	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
SC03111289T	SC0342108	SC03AR0062	SC0306033	SC03A40150Q7																		
Measure	Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span		50	18	1	50	10																
Span	2	N/A	N/A	N/A	N/A	1000																
Low	Alarm	10	19.5	10	35	50																
High	Alarm	20	23.5	20	200	100																
Over	Alarm	100	30	100	500	5000																
STEL	Alarm	N/A	N/A	15	100	25																
TWA	Alarm	N/A	N/A	10	35	30																
Measurem	Gas(CF)	Methane(1.0)	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration	Time	3/24/2017	15:03	3/24/2017	15:03	3/24/2017	15:07	3/24/2017	15:03	3/24/2017	15:05											
Peak		0	20.9	0	0	1.4																
Min		0	20.9	0	0	0																
Average		0	20.9	0	0	0.2																

Datalog

Index	Date/Time	LEL(%LEL)	LEL(%LEL)	LEL(%LEL)	LEL(%LEL)	OXY(%)	OXY(%)	OXY(%)	OXY(%)	H2S(ppm)	H2S(ppm)	H2S(ppm)	H2S(ppm)	CO(ppm)	CO(ppm)	CO(ppm)	CO(ppm)	VOC(ppm)	VOC(ppm)	VOC(ppm)	VOC(ppm)	
		(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	
1	4/4/2017 12:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.3	1.2	1.1
2	4/4/2017 13:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	1.6	0.1
3	4/4/2017 13:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.2
4	4/4/2017 13:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.8	0.1
5	4/4/2017 13:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.2
6	4/4/2017 13:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.4	0.3
7	4/4/2017 13:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.3	0.1
8	4/4/2017 14:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1

121	4/5/2017	8:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1
122	4/5/2017	9:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1
123	4/5/2017	9:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.1
124	4/5/2017	9:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.3
125	4/5/2017	9:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	1	0.2
126	4/5/2017	9:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1	3.9	0.8
127	4/5/2017	9:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1.6	1.4
128	4/5/2017	10:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	8.5	0.2
129	4/5/2017	10:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	3.2	1
130	4/5/2017	10:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.1	3.7	0.2
131	4/5/2017	10:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	3.1	0.1
132	4/5/2017	10:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1	1
133	4/5/2017	10:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	1.2	0.2
134	4/5/2017	11:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2	0.4
135	4/5/2017	11:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	4	0	0.1	0.4	3.4	0.2
136	4/5/2017	11:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	4.8	0.1
137	4/5/2017	11:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1	0.3
138	4/5/2017	11:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.3	1
139	4/5/2017	11:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.9	1.8	1.3
140	4/5/2017	12:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.8	2.3	0.6
141	4/5/2017	12:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	0.8	1.8	0.9
142	4/5/2017	12:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.6	1.7	1.3
143	4/5/2017	12:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	2.1	0.6
144	4/5/2017	12:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.3	0.9	1.6	0.7
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	4	0	0.3	1.1	8.5	1.4
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.2

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/4/2017	12:59:43	0	---	0	---	0	---
2	4/4/2017	13:09:43	0	0	0	0	0	0.8
3	4/4/2017	13:19:43	0	0	0	0	0	0.2
4	4/4/2017	13:29:43	0	0	0	0	0	0.2
5	4/4/2017	13:39:43	0	0	0	0	0	0.2
6	4/4/2017	13:49:43	0	0	0	0	0	0.3
7	4/4/2017	13:59:43	0	0	0	0	0	0.3
8	4/4/2017	14:09:43	0	0	0	0	0	0.1
9	4/4/2017	14:19:43	0	0	0	0	0	0.1
10	4/4/2017	14:29:43	0	0	0	0	0	0.1
11	4/4/2017	14:39:43	0	0	0	0	0.1	0.1
12	4/4/2017	14:49:43	0	0	0	0	0.1	0.1
13	4/4/2017	14:59:43	0	0	0	0	0.1	0.1
14	4/4/2017	15:09:43	0	0	0	0	0.1	0.1
15	4/4/2017	15:19:43	0	0	0	0	0.1	0.3
16	4/4/2017	15:29:43	0	0	0	0	0.1	0.3
17	4/4/2017	15:39:43	0	0	0	0	0.1	0.1
18	4/4/2017	15:49:43	0	0	0	0	0.1	0.1
19	4/4/2017	15:59:43	0	0	0	0	0.1	0.1
20	4/4/2017	16:09:43	0	0	0	0	0.1	0.3
21	4/4/2017	16:19:43	0	0	0	0	0.1	0.3
22	4/4/2017	16:29:43	0	0	0	0	0.1	0.1
23	4/4/2017	16:39:43	0	0	0	0	0.1	0.3
24	4/4/2017	16:49:43	0	0	0	0	0.1	0.3

25	4/4/2017	16:59:43	0	0	0	0	0.1	0.3
26	4/4/2017	17:09:43	0	0	0	0	0.1	0.2
27	4/4/2017	17:19:43	0	0	0	0	0.1	0.2
28	4/4/2017	17:29:43	0	0	0	0	0.1	0.2
29	4/4/2017	17:39:43	0	0	0	0	0.1	0.1
30	4/4/2017	17:49:43	0	0	0	0	0.1	0.1
31	4/4/2017	17:59:43	0	0	0	0	0.1	0.1
32	4/4/2017	18:09:43	0	0	0	0	0.1	0.1
33	4/4/2017	18:19:43	0	0	0	0	0.1	0.1
34	4/4/2017	18:29:43	0	0	0	0	0.1	0.1
35	4/4/2017	18:39:43	0	0	0	0	0.1	0.1
36	4/4/2017	18:49:43	0	0	0	0	0.1	0.1
37	4/4/2017	18:59:43	0	0	0	0	0.1	0.1
38	4/4/2017	19:09:43	0	0	0	0	0.1	0.3
39	4/4/2017	19:19:43	0	0	0	0	0.1	0.3
40	4/4/2017	19:29:43	0	0	0	0	0.1	0.1
41	4/4/2017	19:39:43	0	0	0	0	0.1	0.1
42	4/4/2017	19:49:43	0	0	0	0	0.1	0.1
43	4/4/2017	19:59:43	0	0	0	0	0.1	0.1
44	4/4/2017	20:09:43	0	0	0	0	0.1	0.1
45	4/4/2017	20:19:43	0	0	0	0	0.1	0.1
46	4/4/2017	20:29:43	0	0	0	0	0.2	0.1
47	4/4/2017	20:39:43	0	0	0	0	0.2	0.1
48	4/4/2017	20:49:43	0	0	0	0	0.2	0.1
49	4/4/2017	20:59:43	0	0	0	0	0.2	0.1
50	4/4/2017	21:09:43	0	0	0	0	0.2	0.1
51	4/4/2017	21:19:43	0	0	0	0	0.2	0.1
52	4/4/2017	21:29:43	0	0	0	0	0.2	0.1
53	4/4/2017	21:39:43	0	0	0	0	0.2	0.1
54	4/4/2017	21:49:43	0	0	0	0	0.2	0.1
55	4/4/2017	21:59:43	0	0	0	0	0.2	0.1
56	4/4/2017	22:09:43	0	0	0	0	0.2	0.1
57	4/4/2017	22:19:43	0	0	0	0	0.2	0.1
58	4/4/2017	22:29:43	0	0	0	0	0.2	0.1
59	4/4/2017	22:39:43	0	0	0	0	0.2	0.1
60	4/4/2017	22:49:43	0	0	0	0	0.2	0.1
61	4/4/2017	22:59:43	0	0	0	0	0.2	0.1
62	4/4/2017	23:09:43	0	0	0	0	0.2	0.1
63	4/4/2017	23:19:43	0	0	0	0	0.2	0.1
64	4/4/2017	23:29:43	0	0	0	0	0.2	0.1
65	4/4/2017	23:39:43	0	0	0	0	0.2	0.1
66	4/4/2017	23:49:43	0	0	0	0	0.2	0.2
67	4/4/2017	23:59:43	0	0	0	0	0.2	0.3
68	4/5/2017	0:09:43	0	0	0	0	0.2	0.2
69	4/5/2017	0:19:43	0	0	0	0	0.2	0.3
70	4/5/2017	0:29:43	0	0	0	0	0.2	0.3
71	4/5/2017	0:39:43	0	0	0	0	0.2	0.1
72	4/5/2017	0:49:43	0	0	0	0	0.2	0.1
73	4/5/2017	0:59:43	0	0	0	0	0.2	0.1
74	4/5/2017	1:09:43	0	0	0	0	0.2	0.1
75	4/5/2017	1:19:43	0	0	0	0	0.2	0.1
76	4/5/2017	1:29:43	0	0	0	0	0.2	0.1
77	4/5/2017	1:39:43	0	0	0	0	0.2	0.1
78	4/5/2017	1:49:43	0	0	0	0	0.2	0.1
79	4/5/2017	1:59:43	0	0	0	0	0.2	0.1
80	4/5/2017	2:09:43	0	0	0	0	0.2	0.1

81	4/5/2017	2:19:43	0	0	0	0	0.2	0.1
82	4/5/2017	2:29:43	0	0	0	0	0.2	0.1
83	4/5/2017	2:39:43	0	0	0	0	0.2	0.1
84	4/5/2017	2:49:43	0	0	0	0	0.2	0.1
85	4/5/2017	2:59:43	0	0	0	0	0.2	0.1
86	4/5/2017	3:09:43	0	0	0	0	0.2	0.1
87	4/5/2017	3:19:43	0	0	0	0	0.2	0.1
88	4/5/2017	3:29:43	0	0	0	0	0.2	0.1
89	4/5/2017	3:39:43	0	0	0	0	0.2	0.1
90	4/5/2017	3:49:43	0	0	0	0	0.3	0.1
91	4/5/2017	3:59:43	0	0	0	0	0.3	0.1
92	4/5/2017	4:09:43	0	0	0	0	0.3	0.1
93	4/5/2017	4:19:43	0	0	0	0	0.3	0.1
94	4/5/2017	4:29:43	0	0	0	0	0.3	0.1
95	4/5/2017	4:39:43	0	0	0	0	0.3	0.1
96	4/5/2017	4:49:43	0	0	0	0	0.3	0.1
97	4/5/2017	4:59:43	0	0	0	0	0.3	0.1
98	4/5/2017	5:09:43	0	0	0	0	0.3	0.1
99	4/5/2017	5:19:43	0	0	0	0	0.3	0.1
100	4/5/2017	5:29:43	0	0	0	0	0.3	0.1
101	4/5/2017	5:39:43	0	0	0	0	0.3	0.1
102	4/5/2017	5:49:43	0	0	0	0	0.3	0.2
103	4/5/2017	5:59:43	0	0	0	0	0.3	0.3
104	4/5/2017	6:09:43	0	0	0	0	0.3	0.3
105	4/5/2017	6:19:43	0	0	0	0	0.3	0.1
106	4/5/2017	6:29:43	0	0	0	0	0.3	0.1
107	4/5/2017	6:39:43	0	0	0	0	0.3	0.1
108	4/5/2017	6:49:43	0	0	0	0	0.3	0.1
109	4/5/2017	6:59:43	0	0	0	0	0.3	0.2
110	4/5/2017	7:09:43	0	0	0	0	0.3	0.2
111	4/5/2017	7:19:43	0	0	0	0	0.3	0.1
112	4/5/2017	7:29:43	0	0	0	0	0.3	0.1
113	4/5/2017	7:39:43	0	0	0	0	0.3	0.1
114	4/5/2017	7:49:43	0	0	0	0	0.3	0.1
115	4/5/2017	7:59:43	0	0	0	0	0.3	0.1
116	4/5/2017	8:09:43	0	0	0	0	0.3	0.1
117	4/5/2017	8:19:43	0	0	0	0	0.3	0.1
118	4/5/2017	8:29:43	0	0	0	0	0.3	0.1
119	4/5/2017	8:39:43	0	0	0	0	0.3	0.1
120	4/5/2017	8:49:43	0	0	0	0	0.3	0.1
121	4/5/2017	8:59:43	0	0	0	0	0.3	0.1
122	4/5/2017	9:09:43	0	0	0	0	0.3	0.1
123	4/5/2017	9:19:43	0	0	0	0	0.3	0.1
124	4/5/2017	9:29:43	0	0	0	0	0.3	0.3
125	4/5/2017	9:39:43	0	0	0	0	0.3	0.3
126	4/5/2017	9:49:43	0	0	0	0	0.4	0.7
127	4/5/2017	9:59:43	0	0	0	0	0.4	1.5
128	4/5/2017	10:09:43	0	0	0	0	0.4	1.1
129	4/5/2017	10:19:43	0	0	0	0	0.4	0.8
130	4/5/2017	10:29:43	0	0	0	0	0.4	0.8
131	4/5/2017	10:39:43	0	0	0	0	0.4	0.2
132	4/5/2017	10:49:43	0	0	0	0	0.4	0.7
133	4/5/2017	10:59:43	0	0	0	0	0.4	0.8
134	4/5/2017	11:09:43	0	0	0	0	0.4	0.4
135	4/5/2017	11:19:43	0	0	0	0	0.4	0.4
136	4/5/2017	11:29:43	0	0	0	0	0.5	0.2

137	4/5/2017	11:39:43	0	0	0	0	0.5	0.3
138	4/5/2017	11:49:43	0	0	0	0	0.5	0.9
139	4/5/2017	11:59:43	0	0	0	0	0.5	1.5
140	4/5/2017	12:09:43	0	0	0	0	0.5	1.3
141	4/5/2017	12:19:43	0	0	0	0	0.5	1
142	4/5/2017	12:29:43	0	0	0	0	0.6	1.5
143	4/5/2017	12:39:43	0	0	0	0	0.6	1.3
144	4/5/2017	12:49:43	0	0	0	0	0.6	0.9

17/04/05 12:49

Summary

Unit Name MultiRAE(PGM-6228)
 Unit SN MBB3Z064Q8
 Unit Firmware Ver V1.31

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Schedule Stop

Site ID 194
 User ID 0

Begin 4/5/2017 12:49:43
 End 4/6/2017 12:49:43
 Sample Period(s) 600
 Number of Records 144

Sensor	SN	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
SC03111289T	SC0342108	SC03AR0062	SC0306033	SC03A40150Q7																		
Measure	Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span		50	18	1	50	10																
Span	2	N/A	N/A	N/A	N/A	1000																
Low	Alarm	10	19.5	10	35	50																
High	Alarm	20	23.5	20	200	100																
Over	Alarm	100	30	100	500	5000																
STEL	Alarm	N/A	N/A	15	100	25																
TWA	Alarm	N/A	N/A	10	35	30																
Measurem Gas(CF)	Methane(1.0)	N/A	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration Time	3/24/2017	15:03	3/24/2017	15:03	3/24/2017	15:07	3/24/2017	15:03	3/24/2017	15:05												
Peak		0	20.9	0	0	2.4																
Min		0	20.9	0	0	0																
Average		0	20.9	0	0	0.2																

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	4/5/2017 12:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	1.9	0.4
2	4/5/2017 13:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.9	0.2
3	4/5/2017 13:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	1.3	0.2
4	4/5/2017 13:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.6	0.1
5	4/5/2017 13:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.6	0.3
6	4/5/2017 13:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1

7	4/5/2017	13:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	0.9	0.1	
8	4/5/2017	14:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.7	0.3	
9	4/5/2017	14:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.1	
10	4/5/2017	14:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	
11	4/5/2017	14:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.1	0.3	0.2	
12	4/5/2017	14:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1	
13	4/5/2017	14:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.9	0.5	
14	4/5/2017	15:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.5	1.6	0.3	
15	4/5/2017	15:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.5	2.7	0.3	
16	4/5/2017	15:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1	
17	4/5/2017	15:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1.7	0.2	
18	4/5/2017	15:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	
19	4/5/2017	15:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0	
20	4/5/2017	16:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	
21	4/5/2017	16:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	
22	4/5/2017	16:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.7	0.2	
23	4/5/2017	16:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	
24	4/5/2017	16:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.4	0.2	
25	4/5/2017	16:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1	
26	4/5/2017	17:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1	
27	4/5/2017	17:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1	
28	4/5/2017	17:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1	
29	4/5/2017	17:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	
30	4/5/2017	17:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.7	0	
31	4/5/2017	17:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.7	0.2	
32	4/5/2017	18:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.7	0	
33	4/5/2017	18:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	
34	4/5/2017	18:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1	
35	4/5/2017	18:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0	
36	4/5/2017	18:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	
37	4/5/2017	18:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0	
38	4/5/2017	19:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.1	
39	4/5/2017	19:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	
40	4/5/2017	19:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.2	0.2	
41	4/5/2017	19:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.8	0.8
42	4/5/2017	19:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.4	0.1	
43	4/5/2017	19:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	2.2	0.1	
44	4/5/2017	20:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.6	0.2	
45	4/5/2017	20:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.1	
46	4/5/2017	20:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.9	0.2	
47	4/5/2017	20:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.2	0.5	0.2	
48	4/5/2017	20:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.3	
49	4/5/2017	20:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1	0.1	
50	4/5/2017	21:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1.5	0.2	
51	4/5/2017	21:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	2	0.1	
52	4/5/2017	21:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.6	0.1	
53	4/5/2017	21:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.6	3.5	1.2	
54	4/5/2017	21:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	3	2.4	
55	4/5/2017	21:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	3.9	0.2	
56	4/5/2017	22:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.9	0.3	
57	4/5/2017	22:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.7	3.1	1.1	
58	4/5/2017	22:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	1.5	0.6	
59	4/5/2017	22:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	2.8	0.3	
60	4/5/2017	22:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1	0.1	
61	4/5/2017	22:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	2.2	0	
62	4/5/2017	23:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.3	0.8	

63	4/5/2017	23:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	2.4	1.2	
64	4/5/2017	23:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.8	0.3	
65	4/5/2017	23:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.7	3.1	0.6	
66	4/5/2017	23:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	3.1	1.4	
67	4/5/2017	23:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.9	3.3	0.2	
68	4/6/2017	0:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	3.8	0.6	
69	4/6/2017	0:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2.1	0.2	
70	4/6/2017	0:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0	
71	4/6/2017	0:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.8	0.1	
72	4/6/2017	0:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1	0.2	
73	4/6/2017	0:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	3.6	0.3	
74	4/6/2017	1:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.6	1.7	0.3	
75	4/6/2017	1:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.5	2.9	0.1	
76	4/6/2017	1:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.6	2.1	0.7	
77	4/6/2017	1:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.1	0.1	
78	4/6/2017	1:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.7	0.1	
79	4/6/2017	1:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.4	
80	4/6/2017	2:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.5	0.1	
81	4/6/2017	2:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.2	
82	4/6/2017	2:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.3	
83	4/6/2017	2:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.2	
84	4/6/2017	2:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.1	0.2	
85	4/6/2017	2:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.6	0.1	
86	4/6/2017	3:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0.1	
87	4/6/2017	3:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1	
88	4/6/2017	3:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0	
89	4/6/2017	3:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.1	
90	4/6/2017	3:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
91	4/6/2017	3:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
92	4/6/2017	4:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
93	4/6/2017	4:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.1	
94	4/6/2017	4:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
95	4/6/2017	4:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
96	4/6/2017	4:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
97	4/6/2017	4:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
98	4/6/2017	5:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
99	4/6/2017	5:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
100	4/6/2017	5:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
101	4/6/2017	5:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.1	
102	4/6/2017	5:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
103	4/6/2017	5:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
104	4/6/2017	6:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
105	4/6/2017	6:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.1	
106	4/6/2017	6:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
107	4/6/2017	6:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
108	4/6/2017	6:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
109	4/6/2017	6:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
110	4/6/2017	7:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
111	4/6/2017	7:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0	
112	4/6/2017	7:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0	
113	4/6/2017	7:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.9	0.1
114	4/6/2017	7:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	1	0.6
115	4/6/2017	7:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.3	1	0.6
116	4/6/2017	8:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.3	1.5	0.3
117	4/6/2017	8:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.3	1.1	0.3
118	4/6/2017	8:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.3	2.2	0.4

119	4/6/2017	8:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.9	0.1
120	4/6/2017	8:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.2	0.3
121	4/6/2017	8:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1	0.2
122	4/6/2017	9:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.2	0.6
123	4/6/2017	9:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.8	0.3
124	4/6/2017	9:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.4	1.2	0.2
125	4/6/2017	9:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.9	0.2
126	4/6/2017	9:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.9	0.2
127	4/6/2017	9:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.9	0.3
128	4/6/2017	10:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.7
129	4/6/2017	10:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1	0.6
130	4/6/2017	10:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	2.9	0.4
131	4/6/2017	10:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.6	0.3
132	4/6/2017	10:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	1.2	0.2
133	4/6/2017	10:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	1	0
134	4/6/2017	11:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.2
135	4/6/2017	11:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.7	0.2
136	4/6/2017	11:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.3
137	4/6/2017	11:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.8	0.6
138	4/6/2017	11:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.3	0.9	0.3
139	4/6/2017	11:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.9	0.4
140	4/6/2017	12:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.9	0.3
141	4/6/2017	12:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.7	0.2
142	4/6/2017	12:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.6	0.3
143	4/6/2017	12:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.9	0.2
144	4/6/2017	12:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.4	1.3	0.2
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	0.9	3.9	2.4
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.9	0.2

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/5/2017	12:59:43	0	---	0	---	0	---
2	4/5/2017	13:09:43	0	0	0	0	0	0.4
3	4/5/2017	13:19:43	0	0	0	0	0	0.3
4	4/5/2017	13:29:43	0	0	0	0	0	0.2
5	4/5/2017	13:39:43	0	0	0	0	0	0.3
6	4/5/2017	13:49:43	0	0	0	0	0	0.3
7	4/5/2017	13:59:43	0	0	0	0	0	0.1
8	4/5/2017	14:09:43	0	0	0	0	0	0.3
9	4/5/2017	14:19:43	0	0	0	0	0	0.3
10	4/5/2017	14:29:43	0	0	0	0	0	0.1
11	4/5/2017	14:39:43	0	0	0	0	0	0.2
12	4/5/2017	14:49:43	0	0	0	0	0	0.2
13	4/5/2017	14:59:43	0	0	0	0	0.1	0.4
14	4/5/2017	15:09:43	0	0	0	0	0.1	0.5
15	4/5/2017	15:19:43	0	0	0	0	0.1	0.4
16	4/5/2017	15:29:43	0	0	0	0	0.1	0.3
17	4/5/2017	15:39:43	0	0	0	0	0.1	0.2
18	4/5/2017	15:49:43	0	0	0	0	0.1	0.2
19	4/5/2017	15:59:43	0	0	0	0	0.1	0.1
20	4/5/2017	16:09:43	0	0	0	0	0.1	0.1
21	4/5/2017	16:19:43	0	0	0	0	0.1	0.1
22	4/5/2017	16:29:43	0	0	0	0	0.1	0.2

23	4/5/2017	16:39:43	0	0	0	0	0.1	0.2
24	4/5/2017	16:49:43	0	0	0	0	0.1	0.2
25	4/5/2017	16:59:43	0	0	0	0	0.1	0.2
26	4/5/2017	17:09:43	0	0	0	0	0.1	0.1
27	4/5/2017	17:19:43	0	0	0	0	0.1	0.1
28	4/5/2017	17:29:43	0	0	0	0	0.1	0.1
29	4/5/2017	17:39:43	0	0	0	0	0.1	0.1
30	4/5/2017	17:49:43	0	0	0	0	0.1	0.1
31	4/5/2017	17:59:43	0	0	0	0	0.1	0.1
32	4/5/2017	18:09:43	0	0	0	0	0.1	0.1
33	4/5/2017	18:19:43	0	0	0	0	0.1	0.1
34	4/5/2017	18:29:43	0	0	0	0	0.1	0.1
35	4/5/2017	18:39:43	0	0	0	0	0.1	0.1
36	4/5/2017	18:49:43	0	0	0	0	0.1	0.1
37	4/5/2017	18:59:43	0	0	0	0	0.1	0.1
38	4/5/2017	19:09:43	0	0	0	0	0.1	0.1
39	4/5/2017	19:19:43	0	0	0	0	0.1	0.1
40	4/5/2017	19:29:43	0	0	0	0	0.1	0.2
41	4/5/2017	19:39:43	0	0	0	0	0.1	0.7
42	4/5/2017	19:49:43	0	0	0	0	0.1	0.6
43	4/5/2017	19:59:43	0	0	0	0	0.1	0.1
44	4/5/2017	20:09:43	0	0	0	0	0.1	0.2
45	4/5/2017	20:19:43	0	0	0	0	0.1	0.2
46	4/5/2017	20:29:43	0	0	0	0	0.2	0.2
47	4/5/2017	20:39:43	0	0	0	0	0.2	0.3
48	4/5/2017	20:49:43	0	0	0	0	0.2	0.3
49	4/5/2017	20:59:43	0	0	0	0	0.2	0.3
50	4/5/2017	21:09:43	0	0	0	0	0.2	0.2
51	4/5/2017	21:19:43	0	0	0	0	0.2	0.2
52	4/5/2017	21:29:43	0	0	0	0	0.2	0.1
53	4/5/2017	21:39:43	0	0	0	0	0.2	0.9
54	4/5/2017	21:49:43	0	0	0	0	0.2	2.4
55	4/5/2017	21:59:43	0	0	0	0	0.3	1.7
56	4/5/2017	22:09:43	0	0	0	0	0.3	0.3
57	4/5/2017	22:19:43	0	0	0	0	0.3	0.9
58	4/5/2017	22:29:43	0	0	0	0	0.3	1.1
59	4/5/2017	22:39:43	0	0	0	0	0.3	0.6
60	4/5/2017	22:49:43	0	0	0	0	0.3	0.3
61	4/5/2017	22:59:43	0	0	0	0	0.3	0.1
62	4/5/2017	23:09:43	0	0	0	0	0.3	0.5
63	4/5/2017	23:19:43	0	0	0	0	0.3	1.3
64	4/5/2017	23:29:43	0	0	0	0	0.4	1
65	4/5/2017	23:39:43	0	0	0	0	0.4	0.6
66	4/5/2017	23:49:43	0	0	0	0	0.4	1.3
67	4/5/2017	23:59:43	0	0	0	0	0.4	1.1
68	4/6/2017	0:09:43	0	0	0	0	0.4	0.5
69	4/6/2017	0:19:43	0	0	0	0	0.4	0.5
70	4/6/2017	0:29:43	0	0	0	0	0.4	0.1
71	4/6/2017	0:39:43	0	0	0	0	0.4	0.1
72	4/6/2017	0:49:43	0	0	0	0	0.4	0.2
73	4/6/2017	0:59:43	0	0	0	0	0.4	0.3
74	4/6/2017	1:09:43	0	0	0	0	0.4	0.4
75	4/6/2017	1:19:43	0	0	0	0	0.4	0.3
76	4/6/2017	1:29:43	0	0	0	0	0.4	0.5
77	4/6/2017	1:39:43	0	0	0	0	0.4	0.5
78	4/6/2017	1:49:43	0	0	0	0	0.5	0.1

79	4/6/2017	1:59:43	0	0	0	0	0.5	0.3
80	4/6/2017	2:09:43	0	0	0	0	0.5	0.3
81	4/6/2017	2:19:43	0	0	0	0	0.5	0.2
82	4/6/2017	2:29:43	0	0	0	0	0.5	0.3
83	4/6/2017	2:39:43	0	0	0	0	0.5	0.3
84	4/6/2017	2:49:43	0	0	0	0	0.5	0.3
85	4/6/2017	2:59:43	0	0	0	0	0.5	0.2
86	4/6/2017	3:09:43	0	0	0	0	0.5	0.1
87	4/6/2017	3:19:43	0	0	0	0	0.5	0.1
88	4/6/2017	3:29:43	0	0	0	0	0.5	0.1
89	4/6/2017	3:39:43	0	0	0	0	0.5	0.1
90	4/6/2017	3:49:43	0	0	0	0	0.5	0.1
91	4/6/2017	3:59:43	0	0	0	0	0.5	0
92	4/6/2017	4:09:43	0	0	0	0	0.5	0
93	4/6/2017	4:19:43	0	0	0	0	0.5	0.1
94	4/6/2017	4:29:43	0	0	0	0	0.5	0.1
95	4/6/2017	4:39:43	0	0	0	0	0.5	0
96	4/6/2017	4:49:43	0	0	0	0	0.5	0
97	4/6/2017	4:59:43	0	0	0	0	0.5	0
98	4/6/2017	5:09:43	0	0	0	0	0.5	0
99	4/6/2017	5:19:43	0	0	0	0	0.5	0
100	4/6/2017	5:29:43	0	0	0	0	0.5	0
101	4/6/2017	5:39:43	0	0	0	0	0.5	0.1
102	4/6/2017	5:49:43	0	0	0	0	0.5	0.1
103	4/6/2017	5:59:43	0	0	0	0	0.5	0
104	4/6/2017	6:09:43	0	0	0	0	0.5	0
105	4/6/2017	6:19:43	0	0	0	0	0.5	0.1
106	4/6/2017	6:29:43	0	0	0	0	0.5	0.1
107	4/6/2017	6:39:43	0	0	0	0	0.5	0
108	4/6/2017	6:49:43	0	0	0	0	0.5	0
109	4/6/2017	6:59:43	0	0	0	0	0.5	0
110	4/6/2017	7:09:43	0	0	0	0	0.5	0
111	4/6/2017	7:19:43	0	0	0	0	0.5	0
112	4/6/2017	7:29:43	0	0	0	0	0.5	0
113	4/6/2017	7:39:43	0	0	0	0	0.5	0.1
114	4/6/2017	7:49:43	0	0	0	0	0.5	0.5
115	4/6/2017	7:59:43	0	0	0	0	0.5	0.8
116	4/6/2017	8:09:43	0	0	0	0	0.5	0.6
117	4/6/2017	8:19:43	0	0	0	0	0.5	0.4
118	4/6/2017	8:29:43	0	0	0	0	0.5	0.5
119	4/6/2017	8:39:43	0	0	0	0	0.5	0.3
120	4/6/2017	8:49:43	0	0	0	0	0.6	0.3
121	4/6/2017	8:59:43	0	0	0	0	0.6	0.3
122	4/6/2017	9:09:43	0	0	0	0	0.6	0.5
123	4/6/2017	9:19:43	0	0	0	0	0.6	0.6
124	4/6/2017	9:29:43	0	0	0	0	0.6	0.3
125	4/6/2017	9:39:43	0	0	0	0	0.6	0.3
126	4/6/2017	9:49:43	0	0	0	0	0.6	0.3
127	4/6/2017	9:59:43	0	0	0	0	0.6	0.3
128	4/6/2017	10:09:43	0	0	0	0	0.6	0.7
129	4/6/2017	10:19:43	0	0	0	0	0.6	0.9
130	4/6/2017	10:29:43	0	0	0	0	0.6	0.7
131	4/6/2017	10:39:43	0	0	0	0	0.6	0.5
132	4/6/2017	10:49:43	0	0	0	0	0.6	0.3
133	4/6/2017	10:59:43	0	0	0	0	0.6	0.1
134	4/6/2017	11:09:43	0	0	0	0	0.6	0.1

135	4/6/2017	11:19:43	0	0	0	0	0.6	0.3
136	4/6/2017	11:29:43	0	0	0	0	0.7	0.3
137	4/6/2017	11:39:43	0	0	0	0	0.7	0.6
138	4/6/2017	11:49:43	0	0	0	0	0.7	0.6
139	4/6/2017	11:59:43	0	0	0	0	0.7	0.5
140	4/6/2017	12:09:43	0	0	0	0	0.7	0.5
141	4/6/2017	12:19:43	0	0	0	0	0.7	0.3
142	4/6/2017	12:29:43	0	0	0	0	0.7	0.3
143	4/6/2017	12:39:43	0	0	0	0	0.7	0.3
144	4/6/2017	12:49:43	0	0	0	0	0.7	0.3

17/04/06 12:49

Summary

Unit Name MultiRAE(PGM-6228)
 Unit SN MBB3Z064Q8
 Unit Firmware Ver V1.31

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Pause in Communicati Mode

Site ID 194
 User ID 0

Begin 4/6/2017 12:49:43
 End 4/6/2017 13:58:45
 Sample Period(s) 600
 Number of Records 6

Sensor	SN	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
SC03111289T	SC0342108	SC03AR0062	SC0306033	SC03A40150Q7																		
Measure	Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span		50	18	1	50	10																
Span	2	N/A	N/A	N/A	N/A	1000																
Low	Alarm	10	19.5	10	35	50																
High	Alarm	20	23.5	20	200	100																
Over	Alarm	100	30	100	500	5000																
STEL	Alarm	N/A	N/A	15	100	25																
TWA	Alarm	N/A	N/A	10	35	30																
Measurem Gas(CF)	Methane(1.0)	N/A	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration Time	3/24/2017	15:03	3/24/2017	15:03	3/24/2017	15:07	3/24/2017	15:03	3/24/2017	15:05												
Peak		0	20.9	0	0	0.2																
Min		0	20.9	0	0	0																
Average		0	20.9	0	0	0.1																

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	4/6/2017 12:59:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0.9	0.2
2	4/6/2017 13:09:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.3	0.9	0.1
3	4/6/2017 13:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.4	0
4	4/6/2017 13:29:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.5	0.2

	5	4/6/2017	13:39:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0
	6	4/6/2017	13:49:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0
Peak				0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.3	0.9	0.2
Min				0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0
Average				0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.6	0.1

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/6/2017 12:59:43	0	---	0	---	0	---
2	4/6/2017 13:09:43	0	0	0	0	0	0.2
3	4/6/2017 13:19:43	0	0	0	0	0	0.1
4	4/6/2017 13:29:43	0	0	0	0	0	0.1
5	4/6/2017 13:39:43	0	0	0	0	0	0.1
6	4/6/2017 13:49:43	0	0	0	0	0	0

127	4/2/2017	9:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	1.2	0	
128	4/2/2017	9:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	1.4	0
129	4/2/2017	10:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0.7	0
130	4/2/2017	10:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	2.4	0
131	4/2/2017	10:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0.9	0
132	4/2/2017	10:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	1.3	0
133	4/2/2017	10:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	1.4	0
134	4/2/2017	10:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	2.8	0
135	4/2/2017	11:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	1.6	0
136	4/2/2017	11:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	1.3	0
137	4/2/2017	11:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	1.3	0
138	4/2/2017	11:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0.8	0
139	4/2/2017	11:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	1.6	0
140	4/2/2017	11:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	2.5	0.3
141	4/2/2017	12:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	2	0
142	4/2/2017	12:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	1.5	0
143	4/2/2017	12:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	2.6	0
144	4/2/2017	12:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	1.3	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	1.3	6.2	3
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.8	0.1

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/1/2017	12:40:08	0	---	0	---	0	---
2	4/1/2017	12:50:08	0	0	0	0	0	0
3	4/1/2017	13:00:08	0	0	0	0	0	0
4	4/1/2017	13:10:08	0	0	0	0	0	0
5	4/1/2017	13:20:08	0	0	0	0	0	0
6	4/1/2017	13:30:08	0	0	0	0	0	0
7	4/1/2017	13:40:08	0	0	0	0	0	0
8	4/1/2017	13:50:08	0	0	0	0	0	0
9	4/1/2017	14:00:08	0	0	0	0	0	0
10	4/1/2017	14:10:08	0	0	0	0	0	0
11	4/1/2017	14:20:08	0	0	0	0	0	0
12	4/1/2017	14:30:08	0	0	0	0	0	0
13	4/1/2017	14:40:08	0	0	0	0	0	0
14	4/1/2017	14:50:08	0	0	0	0	0	0
15	4/1/2017	15:00:08	0	0	0	0	0	0
16	4/1/2017	15:10:08	0	0	0	0	0	0
17	4/1/2017	15:20:08	0	0	0	0	0	0
18	4/1/2017	15:30:08	0	0	0	0	0	0
19	4/1/2017	15:40:08	0	0	0	0	0	0
20	4/1/2017	15:50:08	0	0	0	0	0	0
21	4/1/2017	16:00:08	0	0	0	0	0	0
22	4/1/2017	16:10:08	0	0	0	0	0	0
23	4/1/2017	16:20:08	0	0	0	0	0	0
24	4/1/2017	16:30:08	0	0	0	0	0	0
25	4/1/2017	16:40:08	0	0	0	0	0	0
26	4/1/2017	16:50:08	0	0	0	0	0	0
27	4/1/2017	17:00:08	0	0	0	0	0	0
28	4/1/2017	17:10:08	0	0	0	0	0	0
29	4/1/2017	17:20:08	0	0	0	0	0	0
30	4/1/2017	17:30:08	0	0	0	0	0	0

31	4/1/2017	17:40:08	0	0	0	0	0	0
32	4/1/2017	17:50:08	0	0	0	0	0	0
33	4/1/2017	18:00:08	0	0	0	0	0	0
34	4/1/2017	18:10:08	0	0	0	0	0	0
35	4/1/2017	18:20:08	0	0	0	0	0	0
36	4/1/2017	18:30:08	0	0	0	0	0	0
37	4/1/2017	18:40:08	0	0	0	0	0	0
38	4/1/2017	18:50:08	0	0	0	0	0	0
39	4/1/2017	19:00:08	0	0	0	0	0	0
40	4/1/2017	19:10:08	0	0	0	0	0	0
41	4/1/2017	19:20:08	0	0	0	0	0	0
42	4/1/2017	19:30:08	0	0	0	0	0	0
43	4/1/2017	19:40:08	0	0	0	0	0	0
44	4/1/2017	19:50:08	0	0	0	0	0	0
45	4/1/2017	20:00:08	0	0	0	0	0	0
46	4/1/2017	20:10:08	0	0	0	0	0	0
47	4/1/2017	20:20:08	0	0	0	0	0	0
48	4/1/2017	20:30:08	0	0	0	0	0	0
49	4/1/2017	20:40:08	0	0	0	0	0	0
50	4/1/2017	20:50:08	0	0	0	0	0	1.2
51	4/1/2017	21:00:08	0	0	0	0	0	1.2
52	4/1/2017	21:10:08	0	0	0	0	0	0
53	4/1/2017	21:20:08	0	0	0	0	0	0
54	4/1/2017	21:30:08	0	0	0	0	0	0
55	4/1/2017	21:40:08	0	0	0	0	0	0
56	4/1/2017	21:50:08	0	0	0	0	0	0
57	4/1/2017	22:00:08	0	0	0	0	0	0
58	4/1/2017	22:10:08	0	0	0	0	0	0
59	4/1/2017	22:20:08	0	0	0	0	0	0
60	4/1/2017	22:30:08	0	0	0	0	0	0
61	4/1/2017	22:40:08	0	0	0	0	0	0
62	4/1/2017	22:50:08	0	0	0	0	0	0
63	4/1/2017	23:00:08	0	0	0	0	0	0
64	4/1/2017	23:10:08	0	0	0	0	0	0
65	4/1/2017	23:20:08	0	0	0	0	0	0
66	4/1/2017	23:30:08	0	0	0	0	0	0
67	4/1/2017	23:40:08	0	0	0	0	0	0
68	4/1/2017	23:50:08	0	0	0	0	0	0
69	4/2/2017	0:00:08	0	0	0	0	0	0
70	4/2/2017	0:10:08	0	0	0	0	0	0
71	4/2/2017	0:20:08	0	0	0	0	0	0
72	4/2/2017	0:30:08	0	0	0	0	0	0
73	4/2/2017	0:40:08	0	0	0	0	0	0
74	4/2/2017	0:50:08	0	0	0	0	0	0
75	4/2/2017	1:00:08	0	0	0	0	0	0
76	4/2/2017	1:10:08	0	0	0	0	0	0
77	4/2/2017	1:20:08	0	0	0	0	0	0
78	4/2/2017	1:30:08	0	0	0	0	0	0
79	4/2/2017	1:40:08	0	0	0	0	0	0
80	4/2/2017	1:50:08	0	0	0	0	0	0
81	4/2/2017	2:00:08	0	0	0	0	0	0
82	4/2/2017	2:10:08	0	0	0	0	0	0
83	4/2/2017	2:20:08	0	0	0	0	0	0
84	4/2/2017	2:30:08	0	0	0	0	0	0
85	4/2/2017	2:40:08	0	0	0	0	0	0
86	4/2/2017	2:50:08	0	0	0	0	0	0

87	4/2/2017	3:00:08	0	0	0	0	0	0
88	4/2/2017	3:10:08	0	0	0	0	0	0
89	4/2/2017	3:20:08	0	0	0	0	0	0.2
90	4/2/2017	3:30:08	0	0	0	0	0	0.2
91	4/2/2017	3:40:08	0	0	0	0	0.1	0.8
92	4/2/2017	3:50:08	0	0	0	0	0.1	0.8
93	4/2/2017	4:00:08	0	0	0	0	0.1	0
94	4/2/2017	4:10:08	0	0	0	0	0.1	0
95	4/2/2017	4:20:08	0	0	0	0	0.1	0
96	4/2/2017	4:30:08	0	0	0	0	0.1	0
97	4/2/2017	4:40:08	0	0	0	0	0.1	0.3
98	4/2/2017	4:50:08	0	0	0	0	0.1	0.3
99	4/2/2017	5:00:08	0	0	0	0	0.1	0
100	4/2/2017	5:10:08	0	0	0	0	0.1	0
101	4/2/2017	5:20:08	0	0	0	0	0.1	0
102	4/2/2017	5:30:08	0	0	0	0	0.1	0
103	4/2/2017	5:40:08	0	0	0	0	0.1	0
104	4/2/2017	5:50:08	0	0	0	0	0.1	0
105	4/2/2017	6:00:08	0	0	0	0	0.1	0
106	4/2/2017	6:10:08	0	0	0	0	0.1	2
107	4/2/2017	6:20:08	0	0	0	0	0.1	2
108	4/2/2017	6:30:08	0	0	0	0	0.1	0
109	4/2/2017	6:40:08	0	0	0	0	0.1	0
110	4/2/2017	6:50:08	0	0	0	0	0.1	0
111	4/2/2017	7:00:08	0	0	0	0	0.1	0
112	4/2/2017	7:10:08	0	0	0	0	0.1	0
113	4/2/2017	7:20:08	0	0	0	0	0.1	0
114	4/2/2017	7:30:08	0	0	0	0	0.1	0
115	4/2/2017	7:40:08	0	0	0	0	0.1	0.2
116	4/2/2017	7:50:08	0	0	0	0	0.1	0.2
117	4/2/2017	8:00:08	0	0	0	0	0.1	0
118	4/2/2017	8:10:08	0	0	0	0	0.2	0.3
119	4/2/2017	8:20:08	0	0	0	0	0.2	0.7
120	4/2/2017	8:30:08	0	0	0	0	0.2	0.5
121	4/2/2017	8:40:08	0	0	0	0	0.2	0
122	4/2/2017	8:50:08	0	0	0	0	0.2	0
123	4/2/2017	9:00:08	0	0	0	0	0.2	0
124	4/2/2017	9:10:08	0	0	0	0	0.2	0
125	4/2/2017	9:20:08	0	0	0	0	0.2	0
126	4/2/2017	9:30:08	0	0	0	0	0.2	0
127	4/2/2017	9:40:08	0	0	0	0	0.2	0
128	4/2/2017	9:50:08	0	0	0	0	0.2	0
129	4/2/2017	10:00:08	0	0	0	0	0.2	0
130	4/2/2017	10:10:08	0	0	0	0	0.2	0
131	4/2/2017	10:20:08	0	0	0	0	0.2	0
132	4/2/2017	10:30:08	0	0	0	0	0.2	0
133	4/2/2017	10:40:08	0	0	0	0	0.2	0
134	4/2/2017	10:50:08	0	0	0	0	0.2	0
135	4/2/2017	11:00:08	0	0	0	0	0.2	0
136	4/2/2017	11:10:08	0	0	0	0	0.2	0
137	4/2/2017	11:20:08	0	0	0	0	0.2	0
138	4/2/2017	11:30:08	0	0	0	0	0.2	0
139	4/2/2017	11:40:08	0	0	0	0	0.2	0
140	4/2/2017	11:50:08	0	0	0	0	0.2	0.2
141	4/2/2017	12:00:08	0	0	0	0	0.2	0.2
142	4/2/2017	12:10:08	0	0	0	0	0.2	0

125	4/3/2017	9:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
126	4/3/2017	9:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
127	4/3/2017	9:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
128	4/3/2017	9:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
129	4/3/2017	10:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
130	4/3/2017	10:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
131	4/3/2017	10:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
132	4/3/2017	10:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
133	4/3/2017	10:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
134	4/3/2017	10:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
135	4/3/2017	11:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
136	4/3/2017	11:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
137	4/3/2017	11:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
138	4/3/2017	11:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
139	4/3/2017	11:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
140	4/3/2017	11:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
141	4/3/2017	12:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
142	4/3/2017	12:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
143	4/3/2017	12:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
144	4/3/2017	12:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	1.8	9.6	7
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.7	0.1

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/2/2017	12:40:08	0	---	0	---	0	---
2	4/2/2017	12:50:08	0	0	0	0	0	0.2
3	4/2/2017	13:00:08	0	0	0	0	0	0
4	4/2/2017	13:10:08	0	0	0	0	0	0
5	4/2/2017	13:20:08	0	0	0	0	0	0
6	4/2/2017	13:30:08	0	0	0	0	0	0
7	4/2/2017	13:40:08	0	0	0	0	0	0
8	4/2/2017	13:50:08	0	0	0	0	0	0
9	4/2/2017	14:00:08	0	0	0	0	0	0
10	4/2/2017	14:10:08	0	0	0	0	0	0
11	4/2/2017	14:20:08	0	0	0	0	0	0
12	4/2/2017	14:30:08	0	0	0	0	0	0
13	4/2/2017	14:40:08	0	0	0	0	0	0
14	4/2/2017	14:50:08	0	0	0	0	0	0
15	4/2/2017	15:00:08	0	0	0	0	0	0
16	4/2/2017	15:10:08	0	0	0	0	0	0
17	4/2/2017	15:20:08	0	0	0	0	0	0
18	4/2/2017	15:30:08	0	0	0	0	0	0
19	4/2/2017	15:40:08	0	0	0	0	0	0
20	4/2/2017	15:50:08	0	0	0	0	0	0
21	4/2/2017	16:00:08	0	0	0	0	0	0
22	4/2/2017	16:10:08	0	0	0	0	0	0
23	4/2/2017	16:20:08	0	0	0	0	0	0
24	4/2/2017	16:30:08	0	0	0	0	0	0
25	4/2/2017	16:40:08	0	0	0	0	0	0
26	4/2/2017	16:50:08	0	0	0	0	0	0
27	4/2/2017	17:00:08	0	0	0	0	0	0
28	4/2/2017	17:10:08	0	0	0	0	0	0

29	4/2/2017	17:20:08	0	0	0	0	0	0
30	4/2/2017	17:30:08	0	0	0	0	0	0
31	4/2/2017	17:40:08	0	0	0	0	0	0
32	4/2/2017	17:50:08	0	0	0	0	0	0
33	4/2/2017	18:00:08	0	0	0	0	0	0
34	4/2/2017	18:10:08	0	0	0	0	0	0
35	4/2/2017	18:20:08	0	0	0	0	0	0
36	4/2/2017	18:30:08	0	0	0	0	0	0
37	4/2/2017	18:40:08	0	0	0	0	0	0
38	4/2/2017	18:50:08	0	0	0	0	0	0
39	4/2/2017	19:00:08	0	0	0	0	0	0
40	4/2/2017	19:10:08	0	0	0	0	0	0
41	4/2/2017	19:20:08	0	0	0	0	0	0
42	4/2/2017	19:30:08	0	0	0	0	0	0
43	4/2/2017	19:40:08	0	0	0	0	0	0
44	4/2/2017	19:50:08	0	0	0	0	0	0
45	4/2/2017	20:00:08	0	0	0	0	0	0
46	4/2/2017	20:10:08	0	0	0	0	0	0
47	4/2/2017	20:20:08	0	0	0	0	0	0
48	4/2/2017	20:30:08	0	0	0	0	0	0
49	4/2/2017	20:40:08	0	0	0	0	0	0
50	4/2/2017	20:50:08	0	0	0	0	0	0
51	4/2/2017	21:00:08	0	0	0	0	0	0
52	4/2/2017	21:10:08	0	0	0	0	0	0
53	4/2/2017	21:20:08	0	0	0	0	0	0
54	4/2/2017	21:30:08	0	0	0	0	0	0
55	4/2/2017	21:40:08	0	0	0	0	0	0
56	4/2/2017	21:50:08	0	0	0	0	0	0
57	4/2/2017	22:00:08	0	0	0	0	0	0
58	4/2/2017	22:10:08	0	0	0	0	0	0
59	4/2/2017	22:20:08	0	0	0	0	0	0
60	4/2/2017	22:30:08	0	0	0	0	0	0
61	4/2/2017	22:40:08	0	0	0	0	0	0
62	4/2/2017	22:50:08	0	0	0	0	0	0
63	4/2/2017	23:00:08	0	0	0	0	0	0
64	4/2/2017	23:10:08	0	0	0	0	0	0
65	4/2/2017	23:20:08	0	0	0	0	0	0
66	4/2/2017	23:30:08	0	0	0	0	0	0
67	4/2/2017	23:40:08	0	0	0	0	0	0
68	4/2/2017	23:50:08	0	0	0	0	0	0
69	4/3/2017	0:00:08	0	0	0	0	0	0
70	4/3/2017	0:10:08	0	0	0	0	0	0
71	4/3/2017	0:20:08	0	0	0	0	0	0
72	4/3/2017	0:30:08	0	0	0	0	0	0
73	4/3/2017	0:40:08	0	0	0	0	0	0
74	4/3/2017	0:50:08	0	0	0	0	0	0
75	4/3/2017	1:00:08	0	0	0	0	0	0
76	4/3/2017	1:10:08	0	0	0	0	0	0
77	4/3/2017	1:20:08	0	0	0	0	0	0
78	4/3/2017	1:30:08	0	0	0	0	0	0
79	4/3/2017	1:40:08	0	0	0	0	0	0
80	4/3/2017	1:50:08	0	0	0	0	0	0
81	4/3/2017	2:00:08	0	0	0	0	0	0
82	4/3/2017	2:10:08	0	0	0	0	0	0
83	4/3/2017	2:20:08	0	0	0	0	0	0
84	4/3/2017	2:30:08	0	0	0	0	0	0

85	4/3/2017	2:40:08	0	0	0	0	0	0
86	4/3/2017	2:50:08	0	0	0	0	0	0
87	4/3/2017	3:00:08	0	0	0	0	0	0
88	4/3/2017	3:10:08	0	0	0	0	0	0
89	4/3/2017	3:20:08	0	0	0	0	0	0
90	4/3/2017	3:30:08	0	0	0	0	0	0
91	4/3/2017	3:40:08	0	0	0	0	0	0
92	4/3/2017	3:50:08	0	0	0	0	0	0
93	4/3/2017	4:00:08	0	0	0	0	0	0
94	4/3/2017	4:10:08	0	0	0	0	0	0
95	4/3/2017	4:20:08	0	0	0	0	0	0
96	4/3/2017	4:30:08	0	0	0	0	0	0
97	4/3/2017	4:40:08	0	0	0	0	0	0
98	4/3/2017	4:50:08	0	0	0	0	0	0
99	4/3/2017	5:00:08	0	0	0	0	0	0.1
100	4/3/2017	5:10:08	0	0	0	0	0.2	4.8
101	4/3/2017	5:20:08	0	0	0	0	0.2	4.7
102	4/3/2017	5:30:08	0	0	0	0	0.2	0
103	4/3/2017	5:40:08	0	0	0	0	0.2	0
104	4/3/2017	5:50:08	0	0	0	0	0.3	4.4
105	4/3/2017	6:00:08	0	0	0	0	0.3	4.4
106	4/3/2017	6:10:08	0	0	0	0	0.3	0
107	4/3/2017	6:20:08	0	0	0	0	0.3	0
108	4/3/2017	6:30:08	0	0	0	0	0.3	0
109	4/3/2017	6:40:08	0	0	0	0	0.3	1.1
110	4/3/2017	6:50:08	0	0	0	0	0.3	1.1
111	4/3/2017	7:00:08	0	0	0	0	0.3	0
112	4/3/2017	7:10:08	0	0	0	0	0.3	0
113	4/3/2017	7:20:08	0	0	0	0	0.3	0
114	4/3/2017	7:30:08	0	0	0	0	0.3	0
115	4/3/2017	7:40:08	0	0	0	0	0.3	0
116	4/3/2017	7:50:08	0	0	0	0	0.3	0
117	4/3/2017	8:00:08	0	0	0	0	0.3	0
118	4/3/2017	8:10:08	0	0	0	0	0.3	0
119	4/3/2017	8:20:08	0	0	0	0	0.3	0
120	4/3/2017	8:30:08	0	0	0	0	0.3	0
121	4/3/2017	8:40:08	0	0	0	0	0.3	0
122	4/3/2017	8:50:08	0	0	0	0	0.3	0
123	4/3/2017	9:00:08	0	0	0	0	0.3	0
124	4/3/2017	9:10:08	0	0	0	0	0.3	0
125	4/3/2017	9:20:08	0	0	0	0	0.3	0
126	4/3/2017	9:30:08	0	0	0	0	0.3	0
127	4/3/2017	9:40:08	0	0	0	0	0.3	0
128	4/3/2017	9:50:08	0	0	0	0	0.3	0
129	4/3/2017	10:00:08	0	0	0	0	0.3	0
130	4/3/2017	10:10:08	0	0	0	0	0.3	0
131	4/3/2017	10:20:08	0	0	0	0	0.3	0
132	4/3/2017	10:30:08	0	0	0	0	0.3	0
133	4/3/2017	10:40:08	0	0	0	0	0.3	0
134	4/3/2017	10:50:08	0	0	0	0	0.3	0
135	4/3/2017	11:00:08	0	0	0	0	0.3	0
136	4/3/2017	11:10:08	0	0	0	0	0.3	0
137	4/3/2017	11:20:08	0	0	0	0	0.3	0
138	4/3/2017	11:30:08	0	0	0	0	0.3	0
139	4/3/2017	11:40:08	0	0	0	0	0.3	0
140	4/3/2017	11:50:08	0	0	0	0	0.3	0

123	4/4/2017	9:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
124	4/4/2017	9:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
125	4/4/2017	9:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
126	4/4/2017	9:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
127	4/4/2017	9:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
128	4/4/2017	9:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
129	4/4/2017	10:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
130	4/4/2017	10:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
131	4/4/2017	10:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
132	4/4/2017	10:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
133	4/4/2017	10:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
134	4/4/2017	10:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
135	4/4/2017	11:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
136	4/4/2017	11:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
137	4/4/2017	11:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
138	4/4/2017	11:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
139	4/4/2017	11:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
140	4/4/2017	11:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
141	4/4/2017	12:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
142	4/4/2017	12:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
143	4/4/2017	12:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
144	4/4/2017	12:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	7.1	35.5	35
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.7	0.3

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/3/2017	12:40:08	0	---	0	---	0	---
2	4/3/2017	12:50:08	0	0	0	0	0	0
3	4/3/2017	13:00:08	0	0	0	0	0	0
4	4/3/2017	13:10:08	0	0	0	0	0	0
5	4/3/2017	13:20:08	0	0	0	0	0	0
6	4/3/2017	13:30:08	0	0	0	0	0	0
7	4/3/2017	13:40:08	0	0	0	0	0	0
8	4/3/2017	13:50:08	0	0	0	0	0	0
9	4/3/2017	14:00:08	0	0	0	0	0	0
10	4/3/2017	14:10:08	0	0	0	0	0	0
11	4/3/2017	14:20:08	0	0	0	0	0	0
12	4/3/2017	14:30:08	0	0	0	0	0	0
13	4/3/2017	14:40:08	0	0	0	0	0	0
14	4/3/2017	14:50:08	0	0	0	0	0	0
15	4/3/2017	15:00:08	0	0	0	0	0	0
16	4/3/2017	15:10:08	0	0	0	0	0	0
17	4/3/2017	15:20:08	0	0	0	0	0	0
18	4/3/2017	15:30:08	0	0	0	0	0	0
19	4/3/2017	15:40:08	0	0	0	0	0	0
20	4/3/2017	15:50:08	0	0	0	0	0	0
21	4/3/2017	16:00:08	0	0	0	0	0	0
22	4/3/2017	16:10:08	0	0	0	0	0	0
23	4/3/2017	16:20:08	0	0	0	0	0	0
24	4/3/2017	16:30:08	0	0	0	0	0	0
25	4/3/2017	16:40:08	0	0	0	0	0	0
26	4/3/2017	16:50:08	0	0	0	0	0	0

27	4/3/2017	17:00:08	0	0	0	0	0	0
28	4/3/2017	17:10:08	0	0	0	0	0	0
29	4/3/2017	17:20:08	0	0	0	0	0	0
30	4/3/2017	17:30:08	0	0	0	0	0	0
31	4/3/2017	17:40:08	0	0	0	0	0	0
32	4/3/2017	17:50:08	0	0	0	0	0	0
33	4/3/2017	18:00:08	0	0	0	0	0	0
34	4/3/2017	18:10:08	0	0	0	0	0	0
35	4/3/2017	18:20:08	0	0	0	0	0	0
36	4/3/2017	18:30:08	0	0	0	0	0	0
37	4/3/2017	18:40:08	0	0	0	0	0	0
38	4/3/2017	18:50:08	0	0	0	0	0	0
39	4/3/2017	19:00:08	0	0	0	0	0	0
40	4/3/2017	19:10:08	0	0	0	0	0	0
41	4/3/2017	19:20:08	0	0	0	0	0	0
42	4/3/2017	19:30:08	0	0	0	0	0	0
43	4/3/2017	19:40:08	0	0	0	0	0	0
44	4/3/2017	19:50:08	0	0	0	0	0	0
45	4/3/2017	20:00:08	0	0	0	0	0	0
46	4/3/2017	20:10:08	0	0	0	0	0	0
47	4/3/2017	20:20:08	0	0	0	0	0	0
48	4/3/2017	20:30:08	0	0	0	0	0	0
49	4/3/2017	20:40:08	0	0	0	0	0	0
50	4/3/2017	20:50:08	0	0	0	0	0	0
51	4/3/2017	21:00:08	0	0	0	0	0	0
52	4/3/2017	21:10:08	0	0	0	0	0.7	23.3
53	4/3/2017	21:20:08	0	0	0	0	0.7	23.3
54	4/3/2017	21:30:08	0	0	0	0	0.7	0
55	4/3/2017	21:40:08	0	0	0	0	0.8	3.7
56	4/3/2017	21:50:08	0	0	0	0	0.8	3.7
57	4/3/2017	22:00:08	0	0	0	0	0.8	0
58	4/3/2017	22:10:08	0	0	0	0	0.8	0
59	4/3/2017	22:20:08	0	0	0	0	0.8	0
60	4/3/2017	22:30:08	0	0	0	0	0.8	0
61	4/3/2017	22:40:08	0	0	0	0	0.8	0
62	4/3/2017	22:50:08	0	0	0	0	0.8	0
63	4/3/2017	23:00:08	0	0	0	0	0.8	0
64	4/3/2017	23:10:08	0	0	0	0	0.8	0
65	4/3/2017	23:20:08	0	0	0	0	0.8	0
66	4/3/2017	23:30:08	0	0	0	0	0.8	0
67	4/3/2017	23:40:08	0	0	0	0	0.8	0
68	4/3/2017	23:50:08	0	0	0	0	0.8	0
69	4/4/2017	0:00:08	0	0	0	0	0.8	0
70	4/4/2017	0:10:08	0	0	0	0	0.8	0
71	4/4/2017	0:20:08	0	0	0	0	0.8	0
72	4/4/2017	0:30:08	0	0	0	0	0.8	0
73	4/4/2017	0:40:08	0	0	0	0	0.8	0
74	4/4/2017	0:50:08	0	0	0	0	0.8	0
75	4/4/2017	1:00:08	0	0	0	0	0.8	0
76	4/4/2017	1:10:08	0	0	0	0	0.8	0
77	4/4/2017	1:20:08	0	0	0	0	0.8	0
78	4/4/2017	1:30:08	0	0	0	0	0.8	0
79	4/4/2017	1:40:08	0	0	0	0	0.8	0
80	4/4/2017	1:50:08	0	0	0	0	0.8	0
81	4/4/2017	2:00:08	0	0	0	0	0.8	0
82	4/4/2017	2:10:08	0	0	0	0	0.8	0

83	4/4/2017	2:20:08	0	0	0	0	0.8	0
84	4/4/2017	2:30:08	0	0	0	0	0.8	0
85	4/4/2017	2:40:08	0	0	0	0	0.8	0
86	4/4/2017	2:50:08	0	0	0	0	0.8	0
87	4/4/2017	3:00:08	0	0	0	0	0.8	0
88	4/4/2017	3:10:08	0	0	0	0	0.8	0
89	4/4/2017	3:20:08	0	0	0	0	0.8	0
90	4/4/2017	3:30:08	0	0	0	0	0.8	0
91	4/4/2017	3:40:08	0	0	0	0	0.8	0
92	4/4/2017	3:50:08	0	0	0	0	0.8	0
93	4/4/2017	4:00:08	0	0	0	0	0.8	0
94	4/4/2017	4:10:08	0	0	0	0	0.8	0
95	4/4/2017	4:20:08	0	0	0	0	0.8	0
96	4/4/2017	4:30:08	0	0	0	0	0.8	0
97	4/4/2017	4:40:08	0	0	0	0	0.8	0
98	4/4/2017	4:50:08	0	0	0	0	0.8	0
99	4/4/2017	5:00:08	0	0	0	0	0.8	0
100	4/4/2017	5:10:08	0	0	0	0	0.8	0
101	4/4/2017	5:20:08	0	0	0	0	0.8	0
102	4/4/2017	5:30:08	0	0	0	0	0.8	0
103	4/4/2017	5:40:08	0	0	0	0	0.8	0
104	4/4/2017	5:50:08	0	0	0	0	0.8	0
105	4/4/2017	6:00:08	0	0	0	0	0.8	0
106	4/4/2017	6:10:08	0	0	0	0	0.8	0
107	4/4/2017	6:20:08	0	0	0	0	0.8	0
108	4/4/2017	6:30:08	0	0	0	0	0.8	0
109	4/4/2017	6:40:08	0	0	0	0	0.8	0
110	4/4/2017	6:50:08	0	0	0	0	0.8	0
111	4/4/2017	7:00:08	0	0	0	0	0.8	0
112	4/4/2017	7:10:08	0	0	0	0	0.8	0
113	4/4/2017	7:20:08	0	0	0	0	0.8	0
114	4/4/2017	7:30:08	0	0	0	0	0.8	0
115	4/4/2017	7:40:08	0	0	0	0	0.8	0
116	4/4/2017	7:50:08	0	0	0	0	0.8	0
117	4/4/2017	8:00:08	0	0	0	0	0.8	0
118	4/4/2017	8:10:08	0	0	0	0	0.8	0
119	4/4/2017	8:20:08	0	0	0	0	0.8	0
120	4/4/2017	8:30:08	0	0	0	0	0.8	0
121	4/4/2017	8:40:08	0	0	0	0	0.8	0
122	4/4/2017	8:50:08	0	0	0	0	0.8	0
123	4/4/2017	9:00:08	0	0	0	0	0.8	0
124	4/4/2017	9:10:08	0	0	0	0	0.8	0
125	4/4/2017	9:20:08	0	0	0	0	0.8	0
126	4/4/2017	9:30:08	0	0	0	0	0.8	0
127	4/4/2017	9:40:08	0	0	0	0	0.8	0
128	4/4/2017	9:50:08	0	0	0	0	0.8	0
129	4/4/2017	10:00:08	0	0	0	0	0.8	0
130	4/4/2017	10:10:08	0	0	0	0	0.8	0
131	4/4/2017	10:20:08	0	0	0	0	0.8	0
132	4/4/2017	10:30:08	0	0	0	0	0.8	0
133	4/4/2017	10:40:08	0	0	0	0	0.8	0
134	4/4/2017	10:50:08	0	0	0	0	0.8	0
135	4/4/2017	11:00:08	0	0	0	0	0.8	0
136	4/4/2017	11:10:08	0	0	0	0	0.8	0
137	4/4/2017	11:20:08	0	0	0	0	0.8	0
138	4/4/2017	11:30:08	0	0	0	0	0.8	0

121	4/5/2017	8:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
122	4/5/2017	8:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
123	4/5/2017	9:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
124	4/5/2017	9:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
125	4/5/2017	9:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
126	4/5/2017	9:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.6	5.4	2.2
127	4/5/2017	9:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.5	2.1	0.3
128	4/5/2017	9:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.8	4.6	0
129	4/5/2017	10:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.8	0.6
130	4/5/2017	10:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	2.1	0
131	4/5/2017	10:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0
132	4/5/2017	10:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
133	4/5/2017	10:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
134	4/5/2017	10:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	1.5	0
135	4/5/2017	11:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.4	7.8	0
136	4/5/2017	11:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.5	8.2	5.4
137	4/5/2017	11:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	3.9	31.4	3.4
138	4/5/2017	11:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	3.4	0
139	4/5/2017	11:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	4.6	17.6	4.5
140	4/5/2017	11:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	1.2	8.1	1.7
141	4/5/2017	12:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.8	3.6	0
142	4/5/2017	12:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.4	7.3	0.1
143	4/5/2017	12:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	3.3	0
144	4/5/2017	12:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.2	2.5	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	4.6	31.4	5.4
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0.1	0.8	0.1

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/4/2017	12:40:08	0	---	0	---	0	---
2	4/4/2017	12:50:08	0	0	0	0	0	0
3	4/4/2017	13:00:08	0	0	0	0	0	0
4	4/4/2017	13:10:08	0	0	0	0	0	0
5	4/4/2017	13:20:08	0	0	0	0	0	0
6	4/4/2017	13:30:08	0	0	0	0	0	0
7	4/4/2017	13:40:08	0	0	0	0	0	0
8	4/4/2017	13:50:08	0	0	0	0	0	0
9	4/4/2017	14:00:08	0	0	0	0	0	0
10	4/4/2017	14:10:08	0	0	0	0	0	0
11	4/4/2017	14:20:08	0	0	0	0	0	0
12	4/4/2017	14:30:08	0	0	0	0	0	0
13	4/4/2017	14:40:08	0	0	0	0	0	0
14	4/4/2017	14:50:08	0	0	0	0	0	0
15	4/4/2017	15:00:08	0	0	0	0	0	0
16	4/4/2017	15:10:08	0	0	0	0	0	0
17	4/4/2017	15:20:08	0	0	0	0	0	0
18	4/4/2017	15:30:08	0	0	0	0	0	0
19	4/4/2017	15:40:08	0	0	0	0	0	0
20	4/4/2017	15:50:08	0	0	0	0	0	0
21	4/4/2017	16:00:08	0	0	0	0	0	0
22	4/4/2017	16:10:08	0	0	0	0	0	0
23	4/4/2017	16:20:08	0	0	0	0	0	0
24	4/4/2017	16:30:08	0	0	0	0	0	0

25	4/4/2017	16:40:08	0	0	0	0	0	0
26	4/4/2017	16:50:08	0	0	0	0	0	0
27	4/4/2017	17:00:08	0	0	0	0	0	0
28	4/4/2017	17:10:08	0	0	0	0	0	0
29	4/4/2017	17:20:08	0	0	0	0	0	0
30	4/4/2017	17:30:08	0	0	0	0	0	0
31	4/4/2017	17:40:08	0	0	0	0	0	0
32	4/4/2017	17:50:08	0	0	0	0	0	0
33	4/4/2017	18:00:08	0	0	0	0	0	0
34	4/4/2017	18:10:08	0	0	0	0	0	0
35	4/4/2017	18:20:08	0	0	0	0	0	0
36	4/4/2017	18:30:08	0	0	0	0	0	0
37	4/4/2017	18:40:08	0	0	0	0	0	0
38	4/4/2017	18:50:08	0	0	0	0	0	0
39	4/4/2017	19:00:08	0	0	0	0	0	0
40	4/4/2017	19:10:08	0	0	0	0	0	0
41	4/4/2017	19:20:08	0	0	0	0	0	0
42	4/4/2017	19:30:08	0	0	0	0	0	0
43	4/4/2017	19:40:08	0	0	0	0	0	0
44	4/4/2017	19:50:08	0	0	0	0	0	0
45	4/4/2017	20:00:08	0	0	0	0	0	0
46	4/4/2017	20:10:08	0	0	0	0	0	0
47	4/4/2017	20:20:08	0	0	0	0	0	0
48	4/4/2017	20:30:08	0	0	0	0	0	0
49	4/4/2017	20:40:08	0	0	0	0	0	0
50	4/4/2017	20:50:08	0	0	0	0	0	0
51	4/4/2017	21:00:08	0	0	0	0	0	0
52	4/4/2017	21:10:08	0	0	0	0	0	0
53	4/4/2017	21:20:08	0	0	0	0	0	0
54	4/4/2017	21:30:08	0	0	0	0	0	0
55	4/4/2017	21:40:08	0	0	0	0	0	0
56	4/4/2017	21:50:08	0	0	0	0	0	0
57	4/4/2017	22:00:08	0	0	0	0	0	0
58	4/4/2017	22:10:08	0	0	0	0	0	0
59	4/4/2017	22:20:08	0	0	0	0	0	0
60	4/4/2017	22:30:08	0	0	0	0	0	0
61	4/4/2017	22:40:08	0	0	0	0	0	0
62	4/4/2017	22:50:08	0	0	0	0	0	0
63	4/4/2017	23:00:08	0	0	0	0	0	0
64	4/4/2017	23:10:08	0	0	0	0	0	0
65	4/4/2017	23:20:08	0	0	0	0	0	0.3
66	4/4/2017	23:30:08	0	0	0	0	0	0.3
67	4/4/2017	23:40:08	0	0	0	0	0	0
68	4/4/2017	23:50:08	0	0	0	0	0	0
69	4/5/2017	0:00:08	0	0	0	0	0	0
70	4/5/2017	0:10:08	0	0	0	0	0	0
71	4/5/2017	0:20:08	0	0	0	0	0	0
72	4/5/2017	0:30:08	0	0	0	0	0	0
73	4/5/2017	0:40:08	0	0	0	0	0	0
74	4/5/2017	0:50:08	0	0	0	0	0	0
75	4/5/2017	1:00:08	0	0	0	0	0	0
76	4/5/2017	1:10:08	0	0	0	0	0	0
77	4/5/2017	1:20:08	0	0	0	0	0	0
78	4/5/2017	1:30:08	0	0	0	0	0	0
79	4/5/2017	1:40:08	0	0	0	0	0	0
80	4/5/2017	1:50:08	0	0	0	0	0	0

81	4/5/2017	2:00:08	0	0	0	0	0	0
82	4/5/2017	2:10:08	0	0	0	0	0	0
83	4/5/2017	2:20:08	0	0	0	0	0	0
84	4/5/2017	2:30:08	0	0	0	0	0	0
85	4/5/2017	2:40:08	0	0	0	0	0	0
86	4/5/2017	2:50:08	0	0	0	0	0	0
87	4/5/2017	3:00:08	0	0	0	0	0	0
88	4/5/2017	3:10:08	0	0	0	0	0	0
89	4/5/2017	3:20:08	0	0	0	0	0	0
90	4/5/2017	3:30:08	0	0	0	0	0	0
91	4/5/2017	3:40:08	0	0	0	0	0	0
92	4/5/2017	3:50:08	0	0	0	0	0	0
93	4/5/2017	4:00:08	0	0	0	0	0	0
94	4/5/2017	4:10:08	0	0	0	0	0	0
95	4/5/2017	4:20:08	0	0	0	0	0	0
96	4/5/2017	4:30:08	0	0	0	0	0	0
97	4/5/2017	4:40:08	0	0	0	0	0	0
98	4/5/2017	4:50:08	0	0	0	0	0	0
99	4/5/2017	5:00:08	0	0	0	0	0	0
100	4/5/2017	5:10:08	0	0	0	0	0	0
101	4/5/2017	5:20:08	0	0	0	0	0	0
102	4/5/2017	5:30:08	0	0	0	0	0	0
103	4/5/2017	5:40:08	0	0	0	0	0	0
104	4/5/2017	5:50:08	0	0	0	0	0	0
105	4/5/2017	6:00:08	0	0	0	0	0	0
106	4/5/2017	6:10:08	0	0	0	0	0	0
107	4/5/2017	6:20:08	0	0	0	0	0	0
108	4/5/2017	6:30:08	0	0	0	0	0	0
109	4/5/2017	6:40:08	0	0	0	0	0	0
110	4/5/2017	6:50:08	0	0	0	0	0	0
111	4/5/2017	7:00:08	0	0	0	0	0	0
112	4/5/2017	7:10:08	0	0	0	0	0	0
113	4/5/2017	7:20:08	0	0	0	0	0	0
114	4/5/2017	7:30:08	0	0	0	0	0	0
115	4/5/2017	7:40:08	0	0	0	0	0	0
116	4/5/2017	7:50:08	0	0	0	0	0	0
117	4/5/2017	8:00:08	0	0	0	0	0	0
118	4/5/2017	8:10:08	0	0	0	0	0	0
119	4/5/2017	8:20:08	0	0	0	0	0	0
120	4/5/2017	8:30:08	0	0	0	0	0	0
121	4/5/2017	8:40:08	0	0	0	0	0	0
122	4/5/2017	8:50:08	0	0	0	0	0	0
123	4/5/2017	9:00:08	0	0	0	0	0	0
124	4/5/2017	9:10:08	0	0	0	0	0	0
125	4/5/2017	9:20:08	0	0	0	0	0	0
126	4/5/2017	9:30:08	0	0	0	0	0.1	1.5
127	4/5/2017	9:40:08	0	0	0	0	0.1	1.7
128	4/5/2017	9:50:08	0	0	0	0	0.1	0.2
129	4/5/2017	10:00:08	0	0	0	0	0.1	0.4
130	4/5/2017	10:10:08	0	0	0	0	0.1	0.4
131	4/5/2017	10:20:08	0	0	0	0	0.1	0
132	4/5/2017	10:30:08	0	0	0	0	0.1	0
133	4/5/2017	10:40:08	0	0	0	0	0.1	0
134	4/5/2017	10:50:08	0	0	0	0	0.1	0
135	4/5/2017	11:00:08	0	0	0	0	0.1	0
136	4/5/2017	11:10:08	0	0	0	0	0.2	3.6

137	4/5/2017	11:20:08	0	0	0	0	0.3	5.9
138	4/5/2017	11:30:08	0	0	0	0	0.3	2.3
139	4/5/2017	11:40:08	0	0	0	0	0.3	3
140	4/5/2017	11:50:08	0	0	0	0	0.4	4.1
141	4/5/2017	12:00:08	0	0	0	0	0.4	1.1
142	4/5/2017	12:10:08	0	0	0	0	0.4	0.1
143	4/5/2017	12:20:08	0	0	0	0	0.4	0.1
144	4/5/2017	12:30:08	0	0	0	0	0.4	0

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 17/04/05 12:30

Summary

 Unit Name MultiRAE(PGM-6228)
 Unit SN MBB3Z187P8
 Unit Firmware Ver V1.10

Running Mode Hygiene Mode
 Datalog Mode Auto
 Diagnostic Mode No
 Stop Reason Schedule Stop

Site ID 66
 User ID 0

Begin 4/5/2017 12:30:08
 End 4/6/2017 12:30:08
 Sample Period(s) 600
 Number of Records 144

Sensor	SN	LEL(%LEL)	OXY(%)	H2S(ppm)	CO(ppm)	VOC(ppm)																
SC03110475	SC0342058	SC03AR0111	SC0306024	SC03A40162Q8																		
Measure	Type	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	Min	Avg	Max	Real	
Span		50	18	1	50	10																
Span	2 N/A	N/A	N/A	N/A	N/A	1000																
Low	Alarm	10	19.5	10	50	50																
High	Alarm	20	23.5	20	50	100																
Over	Alarm	100	30	100	500	5000																
STEL	Alarm	N/A	N/A	15	100	25																
TWA	Alarm	N/A	N/A	10	35	20																
Measurem Gas(CF)	Methane(1.0	N/A	N/A	N/A	N/A	Isobutylene(1.00)																
Calibration Time	3/24/2017	15:38	3/24/2017	15:38	3/24/2017	15:41	3/24/2017	15:38	3/24/2017	15:39												
Peak		0	20.9	0	0	2.9																
Min		0	20.9	0	0	0																
Average		0	20.9	0	0	0																

Datalog

Index	Date/Time	LEL(%LEL) (Min)	LEL(%LEL) (Avg)	LEL(%LEL) (Max)	LEL(%LEL) (Real)	OXY(%) (Min)	OXY(%) (Avg)	OXY(%) (Max)	OXY(%) (Real)	H2S(ppm) (Min)	H2S(ppm) (Avg)	H2S(ppm) (Max)	H2S(ppm) (Real)	CO(ppm) (Min)	CO(ppm) (Avg)	CO(ppm) (Max)	CO(ppm) (Real)	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)	VOC(ppm) (Real)	
1	4/5/2017 12:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	3.1	0.5
2	4/5/2017 12:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.5	2.8	0.1
3	4/5/2017 13:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.9	4.3	2.9
4	4/5/2017 13:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.6	4.8	0.6
5	4/5/2017 13:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.3	2.1	1.1
6	4/5/2017 13:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	1.1	0

119	4/6/2017	8:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
120	4/6/2017	8:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
121	4/6/2017	8:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
122	4/6/2017	8:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
123	4/6/2017	9:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
124	4/6/2017	9:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
125	4/6/2017	9:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
126	4/6/2017	9:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
127	4/6/2017	9:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
128	4/6/2017	9:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
129	4/6/2017	10:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
130	4/6/2017	10:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
131	4/6/2017	10:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
132	4/6/2017	10:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
133	4/6/2017	10:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
134	4/6/2017	10:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
135	4/6/2017	11:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
136	4/6/2017	11:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
137	4/6/2017	11:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
138	4/6/2017	11:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
139	4/6/2017	11:40:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
140	4/6/2017	11:50:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
141	4/6/2017	12:00:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
142	4/6/2017	12:10:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
143	4/6/2017	12:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
144	4/6/2017	12:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.9	4.8	2.9
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0

TWA/STEL

Index	Date/Time		H2S(ppm)		CO(ppm)		VOC(ppm)	
			(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/5/2017	12:40:08	0	---	0	---	0	---
2	4/5/2017	12:50:08	0	0	0	0	0	0.4
3	4/5/2017	13:00:08	0	0	0	0	0.1	2
4	4/5/2017	13:10:08	0	0	0	0	0.1	2.3
5	4/5/2017	13:20:08	0	0	0	0	0.1	1.1
6	4/5/2017	13:30:08	0	0	0	0	0.1	0.7
7	4/5/2017	13:40:08	0	0	0	0	0.1	0
8	4/5/2017	13:50:08	0	0	0	0	0.1	0
9	4/5/2017	14:00:08	0	0	0	0	0.1	0
10	4/5/2017	14:10:08	0	0	0	0	0.1	0
11	4/5/2017	14:20:08	0	0	0	0	0.1	0
12	4/5/2017	14:30:08	0	0	0	0	0.1	0
13	4/5/2017	14:40:08	0	0	0	0	0.1	0
14	4/5/2017	14:50:08	0	0	0	0	0.1	0
15	4/5/2017	15:00:08	0	0	0	0	0.1	0
16	4/5/2017	15:10:08	0	0	0	0	0.1	0
17	4/5/2017	15:20:08	0	0	0	0	0.1	0
18	4/5/2017	15:30:08	0	0	0	0	0.1	0
19	4/5/2017	15:40:08	0	0	0	0	0.1	0
20	4/5/2017	15:50:08	0	0	0	0	0.1	0
21	4/5/2017	16:00:08	0	0	0	0	0.1	0
22	4/5/2017	16:10:08	0	0	0	0	0.1	0

23	4/5/2017	16:20:08	0	0	0	0	0.1	0
24	4/5/2017	16:30:08	0	0	0	0	0.1	0
25	4/5/2017	16:40:08	0	0	0	0	0.1	0
26	4/5/2017	16:50:08	0	0	0	0	0.1	0
27	4/5/2017	17:00:08	0	0	0	0	0.1	0
28	4/5/2017	17:10:08	0	0	0	0	0.1	0
29	4/5/2017	17:20:08	0	0	0	0	0.1	0
30	4/5/2017	17:30:08	0	0	0	0	0.1	0
31	4/5/2017	17:40:08	0	0	0	0	0.1	0
32	4/5/2017	17:50:08	0	0	0	0	0.1	0
33	4/5/2017	18:00:08	0	0	0	0	0.1	0
34	4/5/2017	18:10:08	0	0	0	0	0.1	0
35	4/5/2017	18:20:08	0	0	0	0	0.1	0
36	4/5/2017	18:30:08	0	0	0	0	0.1	0
37	4/5/2017	18:40:08	0	0	0	0	0.1	0
38	4/5/2017	18:50:08	0	0	0	0	0.1	0
39	4/5/2017	19:00:08	0	0	0	0	0.1	0
40	4/5/2017	19:10:08	0	0	0	0	0.1	0
41	4/5/2017	19:20:08	0	0	0	0	0.1	0
42	4/5/2017	19:30:08	0	0	0	0	0.1	0
43	4/5/2017	19:40:08	0	0	0	0	0.1	0
44	4/5/2017	19:50:08	0	0	0	0	0.1	0
45	4/5/2017	20:00:08	0	0	0	0	0.1	0
46	4/5/2017	20:10:08	0	0	0	0	0.1	0
47	4/5/2017	20:20:08	0	0	0	0	0.1	0
48	4/5/2017	20:30:08	0	0	0	0	0.1	0
49	4/5/2017	20:40:08	0	0	0	0	0.1	0
50	4/5/2017	20:50:08	0	0	0	0	0.1	0
51	4/5/2017	21:00:08	0	0	0	0	0.1	0
52	4/5/2017	21:10:08	0	0	0	0	0.1	0
53	4/5/2017	21:20:08	0	0	0	0	0.1	0
54	4/5/2017	21:30:08	0	0	0	0	0.1	0
55	4/5/2017	21:40:08	0	0	0	0	0.1	0
56	4/5/2017	21:50:08	0	0	0	0	0.1	0
57	4/5/2017	22:00:08	0	0	0	0	0.1	0
58	4/5/2017	22:10:08	0	0	0	0	0.1	0
59	4/5/2017	22:20:08	0	0	0	0	0.1	0
60	4/5/2017	22:30:08	0	0	0	0	0.1	0
61	4/5/2017	22:40:08	0	0	0	0	0.1	0
62	4/5/2017	22:50:08	0	0	0	0	0.1	0
63	4/5/2017	23:00:08	0	0	0	0	0.1	0
64	4/5/2017	23:10:08	0	0	0	0	0.1	0
65	4/5/2017	23:20:08	0	0	0	0	0.1	0
66	4/5/2017	23:30:08	0	0	0	0	0.1	0
67	4/5/2017	23:40:08	0	0	0	0	0.1	0
68	4/5/2017	23:50:08	0	0	0	0	0.1	0
69	4/6/2017	0:00:08	0	0	0	0	0.1	0
70	4/6/2017	0:10:08	0	0	0	0	0.1	0
71	4/6/2017	0:20:08	0	0	0	0	0.1	0
72	4/6/2017	0:30:08	0	0	0	0	0.1	0
73	4/6/2017	0:40:08	0	0	0	0	0.1	0
74	4/6/2017	0:50:08	0	0	0	0	0.1	0
75	4/6/2017	1:00:08	0	0	0	0	0.1	0
76	4/6/2017	1:10:08	0	0	0	0	0.1	0
77	4/6/2017	1:20:08	0	0	0	0	0.1	0
78	4/6/2017	1:30:08	0	0	0	0	0.1	0

79	4/6/2017	1:40:08	0	0	0	0	0.1	0
80	4/6/2017	1:50:08	0	0	0	0	0.1	0
81	4/6/2017	2:00:08	0	0	0	0	0.1	0
82	4/6/2017	2:10:08	0	0	0	0	0.1	0
83	4/6/2017	2:20:08	0	0	0	0	0.1	0
84	4/6/2017	2:30:08	0	0	0	0	0.1	0
85	4/6/2017	2:40:08	0	0	0	0	0.1	0
86	4/6/2017	2:50:08	0	0	0	0	0.1	0
87	4/6/2017	3:00:08	0	0	0	0	0.1	0
88	4/6/2017	3:10:08	0	0	0	0	0.1	0
89	4/6/2017	3:20:08	0	0	0	0	0.1	0
90	4/6/2017	3:30:08	0	0	0	0	0.1	0
91	4/6/2017	3:40:08	0	0	0	0	0.1	0
92	4/6/2017	3:50:08	0	0	0	0	0.1	0
93	4/6/2017	4:00:08	0	0	0	0	0.1	0
94	4/6/2017	4:10:08	0	0	0	0	0.1	0
95	4/6/2017	4:20:08	0	0	0	0	0.1	0
96	4/6/2017	4:30:08	0	0	0	0	0.1	0
97	4/6/2017	4:40:08	0	0	0	0	0.1	0
98	4/6/2017	4:50:08	0	0	0	0	0.1	0
99	4/6/2017	5:00:08	0	0	0	0	0.1	0
100	4/6/2017	5:10:08	0	0	0	0	0.1	0
101	4/6/2017	5:20:08	0	0	0	0	0.1	0
102	4/6/2017	5:30:08	0	0	0	0	0.1	0
103	4/6/2017	5:40:08	0	0	0	0	0.1	0
104	4/6/2017	5:50:08	0	0	0	0	0.1	0
105	4/6/2017	6:00:08	0	0	0	0	0.1	0
106	4/6/2017	6:10:08	0	0	0	0	0.1	0
107	4/6/2017	6:20:08	0	0	0	0	0.1	0
108	4/6/2017	6:30:08	0	0	0	0	0.1	0
109	4/6/2017	6:40:08	0	0	0	0	0.1	0
110	4/6/2017	6:50:08	0	0	0	0	0.1	0
111	4/6/2017	7:00:08	0	0	0	0	0.1	0
112	4/6/2017	7:10:08	0	0	0	0	0.1	0
113	4/6/2017	7:20:08	0	0	0	0	0.1	0
114	4/6/2017	7:30:08	0	0	0	0	0.1	0
115	4/6/2017	7:40:08	0	0	0	0	0.1	0
116	4/6/2017	7:50:08	0	0	0	0	0.1	0
117	4/6/2017	8:00:08	0	0	0	0	0.1	0
118	4/6/2017	8:10:08	0	0	0	0	0.1	0
119	4/6/2017	8:20:08	0	0	0	0	0.1	0
120	4/6/2017	8:30:08	0	0	0	0	0.1	0
121	4/6/2017	8:40:08	0	0	0	0	0.1	0
122	4/6/2017	8:50:08	0	0	0	0	0.1	0
123	4/6/2017	9:00:08	0	0	0	0	0.1	0
124	4/6/2017	9:10:08	0	0	0	0	0.1	0
125	4/6/2017	9:20:08	0	0	0	0	0.1	0
126	4/6/2017	9:30:08	0	0	0	0	0.1	0
127	4/6/2017	9:40:08	0	0	0	0	0.1	0
128	4/6/2017	9:50:08	0	0	0	0	0.1	0
129	4/6/2017	10:00:08	0	0	0	0	0.1	0
130	4/6/2017	10:10:08	0	0	0	0	0.1	0
131	4/6/2017	10:20:08	0	0	0	0	0.1	0
132	4/6/2017	10:30:08	0	0	0	0	0.1	0
133	4/6/2017	10:40:08	0	0	0	0	0.1	0
134	4/6/2017	10:50:08	0	0	0	0	0.1	0

	5	4/6/2017	13:20:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
	6	4/6/2017	13:30:08	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Peak				0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Min				0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Average				0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/6/2017 12:40:08	0	---	0	---	0	---
2	4/6/2017 12:50:08	0	0	0	0	0	0
3	4/6/2017 13:00:08	0	0	0	0	0	0
4	4/6/2017 13:10:08	0	0	0	0	0	0
5	4/6/2017 13:20:08	0	0	0	0	0	0
6	4/6/2017 13:30:08	0	0	0	0	0	0

17/04/03 10:04

Summary

Unit Name MultiRAE(PGM-6228)
Unit SN MBB3Z034P9
Unit Firmware Ver V1.18

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Pause in Menu Mode

Site ID 3
User ID 1

Begin 4/3/2017 10:04:26

End 4/3/2017 10:10:58

Sample Period(s) 30
Number of Records 13

Vertical Sparge Cluster at Brown's Creek

Table with 22 columns: Sensor, SN, LEL(%LEL), OXY(%), H2S(ppm), CO(ppm), VOC(ppm), Measure Type, Min, Avg, Max, Real, Min, Avg, Max, Real, Min, Avg, Max, Real, Min, Avg, Max, Real. Includes calibration times and peak/average values.

Datalog

Datalog table with 22 columns: Index, Date/Time, LEL(%LEL) (Min, Avg, Max, Real), OXY(%), H2S(ppm), CO(ppm), VOC(ppm). Contains 13 rows of data from 10:04:56 to 10:10:56.

Calibration Time	3/24/2017	15:14	3/24/2017	15:14	3/24/2017	15:17	3/24/2017	15:14	3/24/2017	15:16
Peak	0	20.9	0	0	0.1					
Min	0	20.9	0	0	0					
Average	0	20.9	0	0	0					

Datalog

Index	Date/Time	LEL(%LEL)				OXY(%)				H2S(ppm)				CO(ppm)				VOC(ppm)				
		(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	(Min)	(Avg)	(Max)	(Real)	
1	4/3/2017	10:15:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
2	4/3/2017	10:16:13	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
3	4/3/2017	10:16:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
4	4/3/2017	10:17:13	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.2	0
5	4/3/2017	10:17:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
6	4/3/2017	10:18:13	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.1
7	4/3/2017	10:18:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0
8	4/3/2017	10:19:13	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
9	4/3/2017	10:19:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
10	4/3/2017	10:20:13	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0.1
11	4/3/2017	10:20:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0
12	4/3/2017	10:21:13	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
13	4/3/2017	10:21:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
14	4/3/2017	10:22:13	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.4	0
15	4/3/2017	10:22:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
16	4/3/2017	10:23:13	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
17	4/3/2017	10:23:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.1	0.3	0.1
18	4/3/2017	10:24:13	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0
19	4/3/2017	10:24:43	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
20	4/3/2017	10:25:13	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0.2	0.5	0.1
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0.1	0

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/3/2017	10:15:43	0 ---	0 ---	0 ---	0 ---	
2	4/3/2017	10:16:13	0 ---	0 ---	0 ---	0 ---	
3	4/3/2017	10:16:43	0 ---	0 ---	0 ---	0 ---	
4	4/3/2017	10:17:13	0 ---	0 ---	0 ---	0 ---	
5	4/3/2017	10:17:43	0 ---	0 ---	0 ---	0 ---	
6	4/3/2017	10:18:13	0 ---	0 ---	0 ---	0 ---	
7	4/3/2017	10:18:43	0 ---	0 ---	0 ---	0 ---	
8	4/3/2017	10:19:13	0 ---	0 ---	0 ---	0 ---	
9	4/3/2017	10:19:43	0 ---	0 ---	0 ---	0 ---	
10	4/3/2017	10:20:13	0 ---	0 ---	0 ---	0 ---	
11	4/3/2017	10:20:43	0 ---	0 ---	0 ---	0 ---	
12	4/3/2017	10:21:13	0 ---	0 ---	0 ---	0 ---	
13	4/3/2017	10:21:43	0 ---	0 ---	0 ---	0 ---	
14	4/3/2017	10:22:13	0 ---	0 ---	0 ---	0 ---	
15	4/3/2017	10:22:43	0 ---	0 ---	0 ---	0 ---	
16	4/3/2017	10:23:13	0 ---	0 ---	0 ---	0 ---	
17	4/3/2017	10:23:43	0 ---	0 ---	0 ---	0 ---	
18	4/3/2017	10:24:13	0 ---	0 ---	0 ---	0 ---	
19	4/3/2017	10:24:43	0 ---	0 ---	0 ---	0 ---	

20 4/3/2017 10:25:13 0 --- 0 --- 0 ---

17/04/03 10:27

Summary

Unit Name MultiRAE(PGM-6228)
Unit SN MBB3Z034P9
Unit Firmware Ver V1.18

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 3
User ID 1

Begin 4/3/2017 10:27:33

End 4/3/2017 10:42:43

Sample Period(s) 30
Number of Records 30

SW-12

Sensor LEL(%LEL) OXY(%) H2S(ppm) CO(ppm) VOC(ppm)
Sensor SN SC0311019557 SC0342040 SC03AR0080I SC0306004 SC03A40140P7

Table with 22 columns: Measure, Type, Min, Avg, Max, Real, Min, Avg, Max, Real, Min, Avg, Max, Real, Min, Avg, Max, Real, Min, Avg, Max, Real. Rows include Span, Low, High, Over, STEL, TWA, Calibration Time, Peak, Min, Average.

Datalog

Table with 22 columns: Index, Date/Time, LEL(%LEL) (Min), LEL(%LEL) (Avg), LEL(%LEL) (Max), LEL(%LEL) (Real), OXY(%) (Min), OXY(%) (Avg), OXY(%) (Max), OXY(%) (Real), H2S(ppm) (Min), H2S(ppm) (Avg), H2S(ppm) (Max), H2S(ppm) (Real), CO(ppm) (Min), CO(ppm) (Avg), CO(ppm) (Max), CO(ppm) (Real), VOC(ppm) (Min), VOC(ppm) (Avg), VOC(ppm) (Max), VOC(ppm) (Real). Rows 1-12.

13	4/3/2017	10:34:03	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
14	4/3/2017	10:34:33	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
15	4/3/2017	10:35:03	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
16	4/3/2017	10:35:33	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
17	4/3/2017	10:36:03	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
18	4/3/2017	10:36:33	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
19	4/3/2017	10:37:03	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
20	4/3/2017	10:37:33	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
21	4/3/2017	10:38:03	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
22	4/3/2017	10:38:33	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
23	4/3/2017	10:39:03	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
24	4/3/2017	10:39:33	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
25	4/3/2017	10:40:03	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
26	4/3/2017	10:40:33	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
27	4/3/2017	10:41:03	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
28	4/3/2017	10:41:33	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
29	4/3/2017	10:42:03	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
30	4/3/2017	10:42:33	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0

TWA/STEL

Index	Date/Time	H2S(ppm) (TWA)	H2S(ppm) (STEL)	CO(ppm) (TWA)	CO(ppm) (STEL)	VOC(ppm) (TWA)	VOC(ppm) (STEL)
1	4/3/2017 10:28:03	0	---	0	---	---	---
2	4/3/2017 10:28:33	0	---	0	---	0	---
3	4/3/2017 10:29:03	0	---	0	---	0	---
4	4/3/2017 10:29:33	0	---	0	---	0	---
5	4/3/2017 10:30:03	0	---	0	---	0	---
6	4/3/2017 10:30:33	0	---	0	---	0	---
7	4/3/2017 10:31:03	0	---	0	---	0	---
8	4/3/2017 10:31:33	0	---	0	---	0	---
9	4/3/2017 10:32:03	0	---	0	---	0	---
10	4/3/2017 10:32:33	0	---	0	---	0	---
11	4/3/2017 10:33:03	0	---	0	---	0	---
12	4/3/2017 10:33:33	0	---	0	---	0	---
13	4/3/2017 10:34:03	0	---	0	---	0	---
14	4/3/2017 10:34:33	0	---	0	---	0	---
15	4/3/2017 10:35:03	0	---	0	---	0	---
16	4/3/2017 10:35:33	0	---	0	---	0	---
17	4/3/2017 10:36:03	0	---	0	---	0	---
18	4/3/2017 10:36:33	0	---	0	---	0	---
19	4/3/2017 10:37:03	0	---	0	---	0	---
20	4/3/2017 10:37:33	0	---	0	---	0	---
21	4/3/2017 10:38:03	0	---	0	---	0	---
22	4/3/2017 10:38:33	0	---	0	---	0	---
23	4/3/2017 10:39:03	0	---	0	---	0	---
24	4/3/2017 10:39:33	0	---	0	---	0	---
25	4/3/2017 10:40:03	0	---	0	---	0	---
26	4/3/2017 10:40:33	0	---	0	---	0	---
27	4/3/2017 10:41:03	0	---	0	---	0	---
28	4/3/2017 10:41:33	0	---	0	---	0	---
29	4/3/2017 10:42:03	0	---	0	---	0	---
30	4/3/2017 10:42:33	0	0	0	0	0	---

17/04/03 13:35

Summary

Unit Name MultiRAE(PGM-6228)
Unit SN MBB3Z034P9
Unit Firmware Ver V1.18

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID 3
User ID 1

Begin 4/3/2017 13:35:58

End 4/3/2017 13:46:49

Sample Period(s) 30
Number of Records 21

MW-09

Table with sensor data including LEL(%LEL), OXY(%), H2S(ppm), CO(ppm), and VOC(ppm) for various sensors and measurement types.

Datalog

Datalog table with columns for Index, Date/Time, LEL(%LEL) (Min, Avg, Max, Real), OXY(%), H2S(ppm), CO(ppm), and VOC(ppm).

14	4/3/2017	13:42:58	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
15	4/3/2017	13:43:28	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
16	4/3/2017	13:43:58	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
17	4/3/2017	13:44:28	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
18	4/3/2017	13:44:58	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
19	4/3/2017	13:45:28	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
20	4/3/2017	13:45:58	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
21	4/3/2017	13:46:28	0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Peak			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Min			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0
Average			0	0	0	0	20.9	20.9	20.9	20.9	0	0	0	0	0	0	0	0	0	0	0	0

TWA/STEL

Index	Date/Time	H2S(ppm)		CO(ppm)		VOC(ppm)	
		(TWA)	(STEL)	(TWA)	(STEL)	(TWA)	(STEL)
1	4/3/2017	13:36:28	0 ---		0 ---	---	
2	4/3/2017	13:36:58	0 ---		0 ---		0 ---
3	4/3/2017	13:37:28	0 ---		0 ---		0 ---
4	4/3/2017	13:37:58	0 ---		0 ---		0 ---
5	4/3/2017	13:38:28	0 ---		0 ---		0 ---
6	4/3/2017	13:38:58	0 ---		0 ---		0 ---
7	4/3/2017	13:39:28	0 ---		0 ---		0 ---
8	4/3/2017	13:39:58	0 ---		0 ---		0 ---
9	4/3/2017	13:40:28	0 ---		0 ---		0 ---
10	4/3/2017	13:40:58	0 ---		0 ---		0 ---
11	4/3/2017	13:41:28	0 ---		0 ---		0 ---
12	4/3/2017	13:41:58	0 ---		0 ---		0 ---
13	4/3/2017	13:42:28	0 ---		0 ---		0 ---
14	4/3/2017	13:42:58	0 ---		0 ---		0 ---
15	4/3/2017	13:43:28	0 ---		0 ---		0 ---
16	4/3/2017	13:43:58	0 ---		0 ---		0 ---
17	4/3/2017	13:44:28	0 ---		0 ---		0 ---
18	4/3/2017	13:44:58	0 ---		0 ---		0 ---
19	4/3/2017	13:45:28	0 ---		0 ---		0 ---
20	4/3/2017	13:45:58	0 ---		0 ---		0 ---
21	4/3/2017	13:46:28	0 ---		0 ---		0 ---