

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/25/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	9 hours, 5 minutes		
Maximum Reading:	36.79 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/25/2017	1:01:26	5.7	ug/m <sup>3</sup>
10/25/2017	1:02:26	4.8	ug/m <sup>3</sup>
10/25/2017	1:03:26	4.7	ug/m <sup>3</sup>
10/25/2017	1:04:26	4.7	ug/m <sup>3</sup>
10/25/2017	1:05:26	5	ug/m <sup>3</sup>
10/25/2017	1:06:26	5.2	ug/m <sup>3</sup>
10/25/2017	1:07:26	5.1	ug/m <sup>3</sup>
10/25/2017	1:08:26	5.2	ug/m <sup>3</sup>
10/25/2017	1:09:26	5.4	ug/m <sup>3</sup>
10/25/2017	1:10:26	4.9	ug/m <sup>3</sup>
10/25/2017	1:11:26	4.7	ug/m <sup>3</sup>
10/25/2017	1:12:26	4.9	ug/m <sup>3</sup>
10/25/2017	1:13:26	5.5	ug/m <sup>3</sup>
10/25/2017	1:14:26	5.5	ug/m <sup>3</sup>
10/25/2017	1:15:26	5.4	ug/m <sup>3</sup>
10/25/2017	1:16:26	5.1	ug/m <sup>3</sup>
10/25/2017	1:17:26	5.3	ug/m <sup>3</sup>
10/25/2017	1:18:26	4.7	ug/m <sup>3</sup>
10/25/2017	1:19:26	4.7	ug/m <sup>3</sup>
10/25/2017	1:20:26	5	ug/m <sup>3</sup>
10/25/2017	1:21:26	5.1	ug/m <sup>3</sup>
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10/25/2017	1:25:26	5.3	ug/m <sup>3</sup>
10/25/2017	1:26:26	5.4	ug/m <sup>3</sup>
10/25/2017	1:27:26	4.7	ug/m <sup>3</sup>
10/25/2017	1:28:26	5.3	ug/m <sup>3</sup>
10/25/2017	1:29:26	5.3	ug/m <sup>3</sup>
10/25/2017	1:30:26	5	ug/m <sup>3</sup>
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10/25/2017	1:34:26	5.8	ug/m <sup>3</sup>
10/25/2017	1:35:26	5.7	ug/m <sup>3</sup>
10/25/2017	1:36:26	5.5	ug/m <sup>3</sup>
10/25/2017	1:37:26	5.9	ug/m <sup>3</sup>
10/25/2017	1:38:26	6	ug/m <sup>3</sup>
10/25/2017	1:39:26	5.4	ug/m <sup>3</sup>
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10/25/2017	1:56:26	8.3	ug/m <sup>3</sup>
10/25/2017	1:57:26	8.3	ug/m <sup>3</sup>
10/25/2017	1:58:26	9.2	ug/m <sup>3</sup>
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Maximum Reading:	36.79 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/25/2017	5:17:26	16.2	ug/m <sup>3</sup>
10/25/2017	5:18:26	15.9	ug/m <sup>3</sup>
10/25/2017	5:19:26	15.2	ug/m <sup>3</sup>
10/25/2017	5:20:26	14.8	ug/m <sup>3</sup>
10/25/2017	5:21:26	14.5	ug/m <sup>3</sup>
10/25/2017	5:22:26	13.7	ug/m <sup>3</sup>
10/25/2017	5:23:26	14.4	ug/m <sup>3</sup>
10/25/2017	5:24:26	14.6	ug/m <sup>3</sup>
10/25/2017	5:25:26	14.1	ug/m <sup>3</sup>
10/25/2017	5:26:26	13.9	ug/m <sup>3</sup>
10/25/2017	5:27:26	13.6	ug/m <sup>3</sup>
10/25/2017	5:28:26	13.9	ug/m <sup>3</sup>
10/25/2017	5:29:26	13.9	ug/m <sup>3</sup>
10/25/2017	5:30:26	13.8	ug/m <sup>3</sup>
10/25/2017	5:31:26	13.6	ug/m <sup>3</sup>
10/25/2017	5:32:26	13.7	ug/m <sup>3</sup>
10/25/2017	5:33:26	12.5	ug/m <sup>3</sup>
10/25/2017	5:34:26	13.2	ug/m <sup>3</sup>
10/25/2017	5:35:26	13.5	ug/m <sup>3</sup>
10/25/2017	5:36:26	14.1	ug/m <sup>3</sup>
10/25/2017	5:37:26	13.4	ug/m <sup>3</sup>
10/25/2017	5:38:26	12.8	ug/m <sup>3</sup>
10/25/2017	5:39:26	12.4	ug/m <sup>3</sup>
10/25/2017	5:40:26	11.6	ug/m <sup>3</sup>
10/25/2017	5:41:26	11.9	ug/m <sup>3</sup>
10/25/2017	5:42:26	11.3	ug/m <sup>3</sup>
10/25/2017	5:43:26	11.8	ug/m <sup>3</sup>
10/25/2017	5:44:26	11.6	ug/m <sup>3</sup>
10/25/2017	5:45:26	11	ug/m <sup>3</sup>
10/25/2017	5:46:26	12.3	ug/m <sup>3</sup>
10/25/2017	5:47:26	11.4	ug/m <sup>3</sup>
10/25/2017	5:48:26	10.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/25/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	9 hours, 5 minutes		
Maximum Reading:	36.79 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/25/2017	5:49:26	10.6	ug/m <sup>3</sup>
10/25/2017	5:50:26	10.9	ug/m <sup>3</sup>
10/25/2017	5:51:26	11.2	ug/m <sup>3</sup>
10/25/2017	5:52:26	10.8	ug/m <sup>3</sup>
10/25/2017	5:53:26	11.1	ug/m <sup>3</sup>
10/25/2017	5:54:26	10.8	ug/m <sup>3</sup>
10/25/2017	5:55:26	10.9	ug/m <sup>3</sup>
10/25/2017	5:56:26	10.7	ug/m <sup>3</sup>
10/25/2017	5:57:26	10.5	ug/m <sup>3</sup>
10/25/2017	5:58:26	10.3	ug/m <sup>3</sup>
10/25/2017	5:59:26	10.5	ug/m <sup>3</sup>
10/25/2017	6:00:26	10.7	ug/m <sup>3</sup>
10/25/2017	6:01:26	10.8	ug/m <sup>3</sup>
10/25/2017	6:02:26	10.1	ug/m <sup>3</sup>
10/25/2017	6:03:26	10.6	ug/m <sup>3</sup>
10/25/2017	6:04:26	10.4	ug/m <sup>3</sup>
10/25/2017	6:05:26	10.2	ug/m <sup>3</sup>
10/25/2017	6:06:26	10.3	ug/m <sup>3</sup>
10/25/2017	6:07:26	10.7	ug/m <sup>3</sup>
10/25/2017	6:08:26	10.2	ug/m <sup>3</sup>
10/25/2017	6:09:26	10.1	ug/m <sup>3</sup>
10/25/2017	6:10:26	10	ug/m <sup>3</sup>
10/25/2017	6:11:26	10.3	ug/m <sup>3</sup>
10/25/2017	6:12:26	9.5	ug/m <sup>3</sup>
10/25/2017	6:13:26	10	ug/m <sup>3</sup>
10/25/2017	6:14:26	9.8	ug/m <sup>3</sup>
10/25/2017	6:15:26	9.9	ug/m <sup>3</sup>
10/25/2017	6:16:26	9.6	ug/m <sup>3</sup>
10/25/2017	6:17:26	9.6	ug/m <sup>3</sup>
10/25/2017	6:18:26	9.1	ug/m <sup>3</sup>
10/25/2017	6:19:26	9.7	ug/m <sup>3</sup>
10/25/2017	6:20:26	9.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/25/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	9 hours, 5 minutes		
Maximum Reading:	36.79 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/25/2017	6:21:26	8.9	ug/m <sup>3</sup>
10/25/2017	6:22:26	9.4	ug/m <sup>3</sup>
10/25/2017	6:23:26	9	ug/m <sup>3</sup>
10/25/2017	6:24:26	9.4	ug/m <sup>3</sup>
10/25/2017	6:25:26	9.8	ug/m <sup>3</sup>
10/25/2017	6:26:26	8.8	ug/m <sup>3</sup>
10/25/2017	6:27:26	9.1	ug/m <sup>3</sup>
10/25/2017	6:28:26	9.6	ug/m <sup>3</sup>
10/25/2017	6:29:26	9.3	ug/m <sup>3</sup>
10/25/2017	6:30:26	9	ug/m <sup>3</sup>
10/25/2017	6:31:26	9.2	ug/m <sup>3</sup>
10/25/2017	6:32:26	8.8	ug/m <sup>3</sup>
10/25/2017	6:33:26	9	ug/m <sup>3</sup>
10/25/2017	6:34:26	9.1	ug/m <sup>3</sup>
10/25/2017	6:35:26	8.9	ug/m <sup>3</sup>
10/25/2017	6:36:26	8.8	ug/m <sup>3</sup>
10/25/2017	6:37:26	8.7	ug/m <sup>3</sup>
10/25/2017	6:38:26	9	ug/m <sup>3</sup>
10/25/2017	6:39:26	8.3	ug/m <sup>3</sup>
10/25/2017	6:40:26	9	ug/m <sup>3</sup>
10/25/2017	6:41:26	9	ug/m <sup>3</sup>
10/25/2017	6:42:26	8.8	ug/m <sup>3</sup>
10/25/2017	6:43:26	8.4	ug/m <sup>3</sup>
10/25/2017	6:44:26	8.9	ug/m <sup>3</sup>
10/25/2017	6:45:26	9.3	ug/m <sup>3</sup>
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10/25/2017	6:47:26	9	ug/m <sup>3</sup>
10/25/2017	6:48:26	9.6	ug/m <sup>3</sup>
10/25/2017	6:49:26	9.1	ug/m <sup>3</sup>
10/25/2017	6:50:26	9.3	ug/m <sup>3</sup>
10/25/2017	6:51:26	8.6	ug/m <sup>3</sup>
10/25/2017	6:52:26	8.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/25/2017 Latitude: 39.2482 Longitude: -81.5196			
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Instrument Readings			
Date	Time	Result	Units
10/25/2017	6:53:26	8.9	ug/m <sup>3</sup>
10/25/2017	6:54:26	8.7	ug/m <sup>3</sup>
10/25/2017	6:55:26	9	ug/m <sup>3</sup>
10/25/2017	6:56:26	8.4	ug/m <sup>3</sup>
10/25/2017	6:57:26	8.2	ug/m <sup>3</sup>
10/25/2017	6:58:26	8.4	ug/m <sup>3</sup>
10/25/2017	6:59:26	8.5	ug/m <sup>3</sup>
10/25/2017	7:00:26	8.3	ug/m <sup>3</sup>
10/25/2017	7:01:26	8.7	ug/m <sup>3</sup>
10/25/2017	7:02:26	8.5	ug/m <sup>3</sup>
10/25/2017	7:03:26	8.3	ug/m <sup>3</sup>
10/25/2017	7:04:26	8.7	ug/m <sup>3</sup>
10/25/2017	7:05:26	8.5	ug/m <sup>3</sup>
10/25/2017	7:06:26	8.5	ug/m <sup>3</sup>
10/25/2017	7:07:26	8.1	ug/m <sup>3</sup>
10/25/2017	7:08:26	7.8	ug/m <sup>3</sup>
10/25/2017	7:09:26	8.3	ug/m <sup>3</sup>
10/25/2017	7:10:26	8.6	ug/m <sup>3</sup>
10/25/2017	7:11:26	8.1	ug/m <sup>3</sup>
10/25/2017	7:12:26	8.1	ug/m <sup>3</sup>
10/25/2017	7:13:26	8.4	ug/m <sup>3</sup>
10/25/2017	7:14:26	8.4	ug/m <sup>3</sup>
10/25/2017	7:15:26	8.2	ug/m <sup>3</sup>
10/25/2017	7:16:26	8.2	ug/m <sup>3</sup>
10/25/2017	7:17:26	8	ug/m <sup>3</sup>
10/25/2017	7:18:26	8.4	ug/m <sup>3</sup>
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10/25/2017	7:20:26	8.6	ug/m <sup>3</sup>
10/25/2017	7:21:26	8.3	ug/m <sup>3</sup>
10/25/2017	7:22:26	8.2	ug/m <sup>3</sup>
10/25/2017	7:23:26	8.4	ug/m <sup>3</sup>
10/25/2017	7:24:26	8.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/25/2017 Latitude: 39.2482 Longitude: -81.5196			
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Time Weighted Average (TWA):	11.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/25/2017	7:25:26	9.1	ug/m <sup>3</sup>
10/25/2017	7:26:26	9.5	ug/m <sup>3</sup>
10/25/2017	7:27:26	8.5	ug/m <sup>3</sup>
10/25/2017	7:28:26	7.8	ug/m <sup>3</sup>
10/25/2017	7:29:26	7.8	ug/m <sup>3</sup>
10/25/2017	7:30:26	8.1	ug/m <sup>3</sup>
10/25/2017	7:31:26	7.8	ug/m <sup>3</sup>
10/25/2017	7:32:26	8.5	ug/m <sup>3</sup>
10/25/2017	7:33:26	8.3	ug/m <sup>3</sup>
10/25/2017	7:34:26	8.1	ug/m <sup>3</sup>
10/25/2017	7:35:26	8.6	ug/m <sup>3</sup>
10/25/2017	7:36:26	8.6	ug/m <sup>3</sup>
10/25/2017	7:37:26	8.1	ug/m <sup>3</sup>
10/25/2017	7:38:26	8	ug/m <sup>3</sup>
10/25/2017	7:39:26	8.1	ug/m <sup>3</sup>
10/25/2017	7:40:26	8.9	ug/m <sup>3</sup>
10/25/2017	7:41:26	9	ug/m <sup>3</sup>
10/25/2017	7:42:26	8.6	ug/m <sup>3</sup>
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10/25/2017	7:45:26	8.7	ug/m <sup>3</sup>
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10/25/2017	7:47:26	8.9	ug/m <sup>3</sup>
10/25/2017	7:48:26	8.5	ug/m <sup>3</sup>
10/25/2017	7:49:26	7.9	ug/m <sup>3</sup>
10/25/2017	7:50:26	8	ug/m <sup>3</sup>
10/25/2017	7:51:26	8.6	ug/m <sup>3</sup>
10/25/2017	7:52:26	8.3	ug/m <sup>3</sup>
10/25/2017	7:53:26	8.5	ug/m <sup>3</sup>
10/25/2017	7:54:26	8.1	ug/m <sup>3</sup>
10/25/2017	7:55:26	8.2	ug/m <sup>3</sup>
10/25/2017	7:56:26	8.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/25/2017 Latitude: 39.2482 Longitude: -81.5196			
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10/25/2017	7:57:26	9	ug/m <sup>3</sup>
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10/25/2017	7:59:26	8.3	ug/m <sup>3</sup>
10/25/2017	8:00:26	8.5	ug/m <sup>3</sup>
10/25/2017	8:01:26	8.1	ug/m <sup>3</sup>
10/25/2017	8:02:26	8.3	ug/m <sup>3</sup>
10/25/2017	8:03:26	8.5	ug/m <sup>3</sup>
10/25/2017	8:04:26	7.6	ug/m <sup>3</sup>
10/25/2017	8:05:26	8.2	ug/m <sup>3</sup>
10/25/2017	8:06:26	8.3	ug/m <sup>3</sup>
10/25/2017	8:07:26	8.2	ug/m <sup>3</sup>
10/25/2017	8:08:26	8.4	ug/m <sup>3</sup>
10/25/2017	8:09:26	8.5	ug/m <sup>3</sup>
10/25/2017	8:10:26	8.9	ug/m <sup>3</sup>
10/25/2017	8:11:26	8.4	ug/m <sup>3</sup>
10/25/2017	8:12:26	8.1	ug/m <sup>3</sup>
10/25/2017	8:13:26	8.2	ug/m <sup>3</sup>
10/25/2017	8:14:26	8.3	ug/m <sup>3</sup>
10/25/2017	8:15:26	8.1	ug/m <sup>3</sup>
10/25/2017	8:16:26	8.5	ug/m <sup>3</sup>
10/25/2017	8:17:26	8.3	ug/m <sup>3</sup>
10/25/2017	8:18:26	8.5	ug/m <sup>3</sup>
10/25/2017	8:19:26	8	ug/m <sup>3</sup>
10/25/2017	8:20:26	7.8	ug/m <sup>3</sup>
10/25/2017	8:21:26	7.7	ug/m <sup>3</sup>
10/25/2017	8:22:26	8.2	ug/m <sup>3</sup>
10/25/2017	8:23:26	8.4	ug/m <sup>3</sup>
10/25/2017	8:24:26	8.2	ug/m <sup>3</sup>
10/25/2017	8:25:26	8.2	ug/m <sup>3</sup>
10/25/2017	8:26:26	8.3	ug/m <sup>3</sup>
10/25/2017	8:27:26	8	ug/m <sup>3</sup>
10/25/2017	8:28:26	8.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/25/2017 Latitude: 39.2482 Longitude: -81.5196			
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Instrument Readings			
Date	Time	Result	Units
10/25/2017	8:29:26	7.8	ug/m <sup>3</sup>
10/25/2017	8:30:26	7.8	ug/m <sup>3</sup>
10/25/2017	8:31:26	7.8	ug/m <sup>3</sup>
10/25/2017	8:32:26	7.6	ug/m <sup>3</sup>
10/25/2017	8:33:26	7.6	ug/m <sup>3</sup>
10/25/2017	8:34:26	7.8	ug/m <sup>3</sup>
10/25/2017	8:35:26	7.7	ug/m <sup>3</sup>
10/25/2017	8:36:26	8	ug/m <sup>3</sup>
10/25/2017	8:37:26	8.1	ug/m <sup>3</sup>
10/25/2017	8:38:26	7.3	ug/m <sup>3</sup>
10/25/2017	8:39:26	7.8	ug/m <sup>3</sup>
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10/25/2017	8:42:26	7.8	ug/m <sup>3</sup>
10/25/2017	8:43:26	7.7	ug/m <sup>3</sup>
10/25/2017	8:44:26	8	ug/m <sup>3</sup>
10/25/2017	8:45:26	8	ug/m <sup>3</sup>
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10/25/2017	8:49:26	7.8	ug/m <sup>3</sup>
10/25/2017	8:50:26	7.6	ug/m <sup>3</sup>
10/25/2017	8:51:26	7.7	ug/m <sup>3</sup>
10/25/2017	8:52:26	7.1	ug/m <sup>3</sup>
10/25/2017	8:53:26	7.8	ug/m <sup>3</sup>
10/25/2017	8:54:26	8.1	ug/m <sup>3</sup>
10/25/2017	8:55:26	8.1	ug/m <sup>3</sup>
10/25/2017	8:56:26	7.5	ug/m <sup>3</sup>
10/25/2017	8:57:26	7.6	ug/m <sup>3</sup>
10/25/2017	8:58:26	7.6	ug/m <sup>3</sup>
10/25/2017	8:59:26	7.4	ug/m <sup>3</sup>
10/25/2017	9:00:26	7.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/25/2017 Latitude: 39.2482 Longitude: -81.5196			
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Instrument Readings			
Date	Time	Result	Units
10/25/2017	9:01:26	8.1	ug/m <sup>3</sup>
10/25/2017	9:02:26	7.6	ug/m <sup>3</sup>
10/25/2017	9:03:26	7.6	ug/m <sup>3</sup>
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10/25/2017	9:07:26	7.4	ug/m <sup>3</sup>
10/25/2017	9:08:26	7.3	ug/m <sup>3</sup>
10/25/2017	9:09:26	6.9	ug/m <sup>3</sup>
10/25/2017	9:10:26	7.3	ug/m <sup>3</sup>
10/25/2017	9:11:26	6.4	ug/m <sup>3</sup>
10/25/2017	9:12:26	7	ug/m <sup>3</sup>
10/25/2017	9:13:26	7.3	ug/m <sup>3</sup>
10/25/2017	9:14:26	7.8	ug/m <sup>3</sup>
10/25/2017	9:15:26	7	ug/m <sup>3</sup>
10/25/2017	9:16:26	7.2	ug/m <sup>3</sup>
10/25/2017	9:17:26	6.9	ug/m <sup>3</sup>
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10/25/2017	9:20:26	6.6	ug/m <sup>3</sup>
10/25/2017	9:21:26	7	ug/m <sup>3</sup>
10/25/2017	9:22:26	6.9	ug/m <sup>3</sup>
10/25/2017	9:23:26	6.7	ug/m <sup>3</sup>
10/25/2017	9:24:26	6.7	ug/m <sup>3</sup>
10/25/2017	9:25:26	6.9	ug/m <sup>3</sup>
10/25/2017	9:26:26	6.5	ug/m <sup>3</sup>
10/25/2017	9:27:26	6.7	ug/m <sup>3</sup>
10/25/2017	9:28:26	7	ug/m <sup>3</sup>
10/25/2017	9:29:26	7	ug/m <sup>3</sup>
10/25/2017	9:30:26	7.6	ug/m <sup>3</sup>
10/25/2017	9:31:26	7.2	ug/m <sup>3</sup>
10/25/2017	9:32:26	6.9	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/25/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	9 hours, 5 minutes		
Maximum Reading:	36.79 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/25/2017	9:33:26	6.8	ug/m <sup>3</sup>
10/25/2017	9:34:26	6.7	ug/m <sup>3</sup>
10/25/2017	9:35:26	6.6	ug/m <sup>3</sup>
10/25/2017	9:36:26	6.8	ug/m <sup>3</sup>
10/25/2017	9:37:26	6.1	ug/m <sup>3</sup>
10/25/2017	9:38:26	6.9	ug/m <sup>3</sup>
10/25/2017	9:39:26	5.9	ug/m <sup>3</sup>
10/25/2017	9:40:26	6.3	ug/m <sup>3</sup>
10/25/2017	9:41:26	6.7	ug/m <sup>3</sup>
10/25/2017	9:42:26	6.5	ug/m <sup>3</sup>
10/25/2017	9:43:26	6.2	ug/m <sup>3</sup>
10/25/2017	9:44:26	6.7	ug/m <sup>3</sup>
10/25/2017	9:45:26	6.8	ug/m <sup>3</sup>
10/25/2017	9:46:26	6.4	ug/m <sup>3</sup>
10/25/2017	9:47:26	6.5	ug/m <sup>3</sup>
10/25/2017	9:48:26	7	ug/m <sup>3</sup>
10/25/2017	9:49:26	6.5	ug/m <sup>3</sup>
10/25/2017	9:50:26	5.9	ug/m <sup>3</sup>
10/25/2017	9:51:26	6.6	ug/m <sup>3</sup>
10/25/2017	9:52:26	6.3	ug/m <sup>3</sup>
10/25/2017	9:53:26	6.5	ug/m <sup>3</sup>
10/25/2017	9:54:26	7.2	ug/m <sup>3</sup>
10/25/2017	9:55:26	9.5	ug/m <sup>3</sup>
10/25/2017	9:56:26	6.5	ug/m <sup>3</sup>
10/25/2017	9:57:26	6.4	ug/m <sup>3</sup>
10/25/2017	9:58:26	6.5	ug/m <sup>3</sup>
10/25/2017	9:59:26	6.2	ug/m <sup>3</sup>
10/25/2017	10:00:26	6.3	ug/m <sup>3</sup>
10/25/2017	10:01:26	6.5	ug/m <sup>3</sup>
10/25/2017	10:02:26	6.5	ug/m <sup>3</sup>
10/25/2017	10:03:26	6.1	ug/m <sup>3</sup>
10/25/2017	10:04:26	6.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/25/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:		9 hours, 5 minutes	
Maximum Reading:		36.79 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		11.25 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/25/2017	10:05:26	6.2	ug/m <sup>3</sup>
10/25/2017	10:06:26	6.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	9:18:11	87.7	ug/m <sup>3</sup>
10/26/2017	9:19:11	117.8	ug/m <sup>3</sup>
10/26/2017	9:20:11	133.4	ug/m <sup>3</sup>
10/26/2017	9:21:11	188.6	ug/m <sup>3</sup>
10/26/2017	9:22:11	212.3	ug/m <sup>3</sup>
10/26/2017	9:23:11	185.4	ug/m <sup>3</sup>
10/26/2017	9:24:11	190.7	ug/m <sup>3</sup>
10/26/2017	9:25:11	170.6	ug/m <sup>3</sup>
10/26/2017	9:26:11	192.6	ug/m <sup>3</sup>
10/26/2017	9:27:11	240.5	ug/m <sup>3</sup>
10/26/2017	9:28:11	216	ug/m <sup>3</sup>
10/26/2017	9:29:11	176.9	ug/m <sup>3</sup>
10/26/2017	9:30:11	203.9	ug/m <sup>3</sup>
10/26/2017	9:31:11	223.2	ug/m <sup>3</sup>
10/26/2017	9:32:11	234.2	ug/m <sup>3</sup>
10/26/2017	9:33:11	214.7	ug/m <sup>3</sup>
10/26/2017	9:34:11	227	ug/m <sup>3</sup>
10/26/2017	9:35:11	273.9	ug/m <sup>3</sup>
10/26/2017	9:36:11	400	ug/m <sup>3</sup>
10/26/2017	9:37:11	413.3	ug/m <sup>3</sup>
10/26/2017	9:38:11	306.5	ug/m <sup>3</sup>
10/26/2017	9:39:11	306.1	ug/m <sup>3</sup>
10/26/2017	9:40:11	302.3	ug/m <sup>3</sup>
10/26/2017	9:41:11	361.9	ug/m <sup>3</sup>
10/26/2017	9:42:11	457.8	ug/m <sup>3</sup>
10/26/2017	9:43:11	297.4	ug/m <sup>3</sup>
10/26/2017	9:44:11	293.2	ug/m <sup>3</sup>
10/26/2017	9:45:11	239.3	ug/m <sup>3</sup>
10/26/2017	9:46:11	234.4	ug/m <sup>3</sup>
10/26/2017	9:47:11	230.7	ug/m <sup>3</sup>
10/26/2017	9:48:11	217.7	ug/m <sup>3</sup>
10/26/2017	9:49:11	224.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	9:50:11	483.1	ug/m <sup>3</sup>
10/26/2017	9:51:11	337.3	ug/m <sup>3</sup>
10/26/2017	9:52:11	315.2	ug/m <sup>3</sup>
10/26/2017	9:53:11	237	ug/m <sup>3</sup>
10/26/2017	9:54:11	197.4	ug/m <sup>3</sup>
10/26/2017	9:55:11	197.4	ug/m <sup>3</sup>
10/26/2017	9:56:11	186.7	ug/m <sup>3</sup>
10/26/2017	9:57:11	172.2	ug/m <sup>3</sup>
10/26/2017	9:58:11	160.2	ug/m <sup>3</sup>
10/26/2017	9:59:11	156.3	ug/m <sup>3</sup>
10/26/2017	10:00:11	151.7	ug/m <sup>3</sup>
10/26/2017	10:01:11	150.6	ug/m <sup>3</sup>
10/26/2017	10:02:11	151.5	ug/m <sup>3</sup>
10/26/2017	10:03:11	149.2	ug/m <sup>3</sup>
10/26/2017	10:04:11	142.1	ug/m <sup>3</sup>
10/26/2017	10:05:11	144.9	ug/m <sup>3</sup>
10/26/2017	10:06:11	147.5	ug/m <sup>3</sup>
10/26/2017	10:07:11	147	ug/m <sup>3</sup>
10/26/2017	10:08:11	146.9	ug/m <sup>3</sup>
10/26/2017	10:09:11	144.7	ug/m <sup>3</sup>
10/26/2017	10:10:11	150.6	ug/m <sup>3</sup>
10/26/2017	10:11:11	156.3	ug/m <sup>3</sup>
10/26/2017	10:12:11	145.2	ug/m <sup>3</sup>
10/26/2017	10:13:11	139.3	ug/m <sup>3</sup>
10/26/2017	10:14:11	136.3	ug/m <sup>3</sup>
10/26/2017	10:15:11	132.4	ug/m <sup>3</sup>
10/26/2017	10:16:11	131.1	ug/m <sup>3</sup>
10/26/2017	10:17:11	131.2	ug/m <sup>3</sup>
10/26/2017	10:18:11	131.2	ug/m <sup>3</sup>
10/26/2017	10:19:11	133.6	ug/m <sup>3</sup>
10/26/2017	10:20:11	138	ug/m <sup>3</sup>
10/26/2017	10:21:11	128.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	10:22:11	121.6	ug/m <sup>3</sup>
10/26/2017	10:23:11	135.6	ug/m <sup>3</sup>
10/26/2017	10:24:11	160	ug/m <sup>3</sup>
10/26/2017	10:25:11	164.2	ug/m <sup>3</sup>
10/26/2017	10:26:11	158.2	ug/m <sup>3</sup>
10/26/2017	10:27:11	147	ug/m <sup>3</sup>
10/26/2017	10:28:11	176.5	ug/m <sup>3</sup>
10/26/2017	10:29:11	164.2	ug/m <sup>3</sup>
10/26/2017	10:30:11	162.1	ug/m <sup>3</sup>
10/26/2017	10:31:11	156.4	ug/m <sup>3</sup>
10/26/2017	10:32:11	195.9	ug/m <sup>3</sup>
10/26/2017	10:33:11	146.4	ug/m <sup>3</sup>
10/26/2017	10:34:11	142.7	ug/m <sup>3</sup>
10/26/2017	10:35:11	144	ug/m <sup>3</sup>
10/26/2017	10:36:11	154.5	ug/m <sup>3</sup>
10/26/2017	10:37:11	152.4	ug/m <sup>3</sup>
10/26/2017	10:38:11	137	ug/m <sup>3</sup>
10/26/2017	10:39:11	125.8	ug/m <sup>3</sup>
10/26/2017	10:40:11	132.7	ug/m <sup>3</sup>
10/26/2017	10:41:11	139.7	ug/m <sup>3</sup>
10/26/2017	10:42:11	131.6	ug/m <sup>3</sup>
10/26/2017	10:43:11	125.2	ug/m <sup>3</sup>
10/26/2017	10:44:11	130.2	ug/m <sup>3</sup>
10/26/2017	10:45:11	137.6	ug/m <sup>3</sup>
10/26/2017	10:46:11	139.5	ug/m <sup>3</sup>
10/26/2017	10:47:11	135.6	ug/m <sup>3</sup>
10/26/2017	10:48:11	139.3	ug/m <sup>3</sup>
10/26/2017	10:49:11	138.4	ug/m <sup>3</sup>
10/26/2017	10:50:11	132.5	ug/m <sup>3</sup>
10/26/2017	10:51:11	132.1	ug/m <sup>3</sup>
10/26/2017	10:52:11	130.3	ug/m <sup>3</sup>
10/26/2017	10:53:11	127.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	10:54:11	129.8	ug/m <sup>3</sup>
10/26/2017	10:55:11	130.4	ug/m <sup>3</sup>
10/26/2017	10:56:11	126.9	ug/m <sup>3</sup>
10/26/2017	10:57:11	129.5	ug/m <sup>3</sup>
10/26/2017	10:58:11	127.3	ug/m <sup>3</sup>
10/26/2017	10:59:11	124.4	ug/m <sup>3</sup>
10/26/2017	11:00:11	124.8	ug/m <sup>3</sup>
10/26/2017	11:01:11	119.8	ug/m <sup>3</sup>
10/26/2017	11:02:11	116.4	ug/m <sup>3</sup>
10/26/2017	11:03:11	114.1	ug/m <sup>3</sup>
10/26/2017	11:04:11	112.7	ug/m <sup>3</sup>
10/26/2017	11:05:11	111.6	ug/m <sup>3</sup>
10/26/2017	11:06:11	108.6	ug/m <sup>3</sup>
10/26/2017	11:07:11	107.3	ug/m <sup>3</sup>
10/26/2017	11:08:11	104.2	ug/m <sup>3</sup>
10/26/2017	11:09:11	99.9	ug/m <sup>3</sup>
10/26/2017	11:10:11	99	ug/m <sup>3</sup>
10/26/2017	11:11:11	98.3	ug/m <sup>3</sup>
10/26/2017	11:12:11	97.5	ug/m <sup>3</sup>
10/26/2017	11:13:11	98.8	ug/m <sup>3</sup>
10/26/2017	11:14:11	98.9	ug/m <sup>3</sup>
10/26/2017	11:15:11	97.4	ug/m <sup>3</sup>
10/26/2017	11:16:11	94.2	ug/m <sup>3</sup>
10/26/2017	11:17:11	96.2	ug/m <sup>3</sup>
10/26/2017	11:18:11	96.8	ug/m <sup>3</sup>
10/26/2017	11:19:11	93.9	ug/m <sup>3</sup>
10/26/2017	11:20:11	87.5	ug/m <sup>3</sup>
10/26/2017	11:21:11	91.3	ug/m <sup>3</sup>
10/26/2017	11:22:11	86.6	ug/m <sup>3</sup>
10/26/2017	11:23:11	84.2	ug/m <sup>3</sup>
10/26/2017	11:24:11	82.2	ug/m <sup>3</sup>
10/26/2017	11:25:11	85	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	11:26:11	83.7	ug/m <sup>3</sup>
10/26/2017	11:27:11	79.8	ug/m <sup>3</sup>
10/26/2017	11:28:11	77.7	ug/m <sup>3</sup>
10/26/2017	11:29:11	78.8	ug/m <sup>3</sup>
10/26/2017	11:30:11	75.3	ug/m <sup>3</sup>
10/26/2017	11:31:11	71	ug/m <sup>3</sup>
10/26/2017	11:32:11	212.4	ug/m <sup>3</sup>
10/26/2017	11:33:11	357.2	ug/m <sup>3</sup>
10/26/2017	11:34:11	153.2	ug/m <sup>3</sup>
10/26/2017	11:35:11	70.9	ug/m <sup>3</sup>
10/26/2017	11:36:11	61.9	ug/m <sup>3</sup>
10/26/2017	11:37:11	62.2	ug/m <sup>3</sup>
10/26/2017	11:38:11	63.8	ug/m <sup>3</sup>
10/26/2017	11:39:11	50.8	ug/m <sup>3</sup>
10/26/2017	11:40:11	53.8	ug/m <sup>3</sup>
10/26/2017	11:41:11	59.6	ug/m <sup>3</sup>
10/26/2017	11:42:11	49.5	ug/m <sup>3</sup>
10/26/2017	11:43:11	55.6	ug/m <sup>3</sup>
10/26/2017	11:44:11	50.1	ug/m <sup>3</sup>
10/26/2017	11:45:11	51.3	ug/m <sup>3</sup>
10/26/2017	11:46:11	62.5	ug/m <sup>3</sup>
10/26/2017	11:47:11	54.5	ug/m <sup>3</sup>
10/26/2017	11:48:11	38.3	ug/m <sup>3</sup>
10/26/2017	11:49:11	35.5	ug/m <sup>3</sup>
10/26/2017	11:50:11	33.8	ug/m <sup>3</sup>
10/26/2017	11:51:11	33.4	ug/m <sup>3</sup>
10/26/2017	11:52:11	41.3	ug/m <sup>3</sup>
10/26/2017	11:53:11	57.4	ug/m <sup>3</sup>
10/26/2017	11:54:11	23.8	ug/m <sup>3</sup>
10/26/2017	11:55:11	24.6	ug/m <sup>3</sup>
10/26/2017	11:56:11	29.1	ug/m <sup>3</sup>
10/26/2017	11:57:11	66.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	11:58:11	139	ug/m <sup>3</sup>
10/26/2017	11:59:11	180.6	ug/m <sup>3</sup>
10/26/2017	12:00:11	203	ug/m <sup>3</sup>
10/26/2017	12:01:11	84.2	ug/m <sup>3</sup>
10/26/2017	12:02:11	44	ug/m <sup>3</sup>
10/26/2017	12:03:11	21.3	ug/m <sup>3</sup>
10/26/2017	12:04:11	27.6	ug/m <sup>3</sup>
10/26/2017	12:05:11	27.4	ug/m <sup>3</sup>
10/26/2017	12:06:11	26.4	ug/m <sup>3</sup>
10/26/2017	12:07:11	48.1	ug/m <sup>3</sup>
10/26/2017	12:08:11	38.4	ug/m <sup>3</sup>
10/26/2017	12:09:11	17.3	ug/m <sup>3</sup>
10/26/2017	12:10:11	16	ug/m <sup>3</sup>
10/26/2017	12:11:11	13.8	ug/m <sup>3</sup>
10/26/2017	12:12:11	13.1	ug/m <sup>3</sup>
10/26/2017	12:13:11	13.7	ug/m <sup>3</sup>
10/26/2017	12:14:11	12.8	ug/m <sup>3</sup>
10/26/2017	12:15:11	13.1	ug/m <sup>3</sup>
10/26/2017	12:16:11	16.1	ug/m <sup>3</sup>
10/26/2017	12:17:11	15.1	ug/m <sup>3</sup>
10/26/2017	12:18:11	14.3	ug/m <sup>3</sup>
10/26/2017	12:19:11	46.4	ug/m <sup>3</sup>
10/26/2017	12:20:11	82.9	ug/m <sup>3</sup>
10/26/2017	12:21:11	71	ug/m <sup>3</sup>
10/26/2017	12:22:11	94.1	ug/m <sup>3</sup>
10/26/2017	12:23:11	82.3	ug/m <sup>3</sup>
10/26/2017	12:24:11	28	ug/m <sup>3</sup>
10/26/2017	12:25:11	27.2	ug/m <sup>3</sup>
10/26/2017	12:26:11	41.1	ug/m <sup>3</sup>
10/26/2017	12:27:11	23.3	ug/m <sup>3</sup>
10/26/2017	12:28:11	71.4	ug/m <sup>3</sup>
10/26/2017	12:29:11	58.8	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	12:30:11	49.8	ug/m <sup>3</sup>
10/26/2017	12:31:11	42.1	ug/m <sup>3</sup>
10/26/2017	12:32:11	37.2	ug/m <sup>3</sup>
10/26/2017	12:33:11	24.4	ug/m <sup>3</sup>
10/26/2017	12:34:11	17.4	ug/m <sup>3</sup>
10/26/2017	12:35:11	10.1	ug/m <sup>3</sup>
10/26/2017	12:36:11	8.2	ug/m <sup>3</sup>
10/26/2017	12:37:11	7.8	ug/m <sup>3</sup>
10/26/2017	12:38:11	7.8	ug/m <sup>3</sup>
10/26/2017	12:39:11	25.3	ug/m <sup>3</sup>
10/26/2017	12:40:11	11.3	ug/m <sup>3</sup>
10/26/2017	12:41:11	7.4	ug/m <sup>3</sup>
10/26/2017	12:42:11	7.2	ug/m <sup>3</sup>
10/26/2017	12:43:11	9	ug/m <sup>3</sup>
10/26/2017	12:44:11	9.8	ug/m <sup>3</sup>
10/26/2017	12:45:11	10.2	ug/m <sup>3</sup>
10/26/2017	12:46:11	7.2	ug/m <sup>3</sup>
10/26/2017	12:47:11	6.5	ug/m <sup>3</sup>
10/26/2017	12:48:11	6.8	ug/m <sup>3</sup>
10/26/2017	12:49:11	6.5	ug/m <sup>3</sup>
10/26/2017	12:50:11	5.5	ug/m <sup>3</sup>
10/26/2017	12:51:11	6	ug/m <sup>3</sup>
10/26/2017	12:52:11	6.1	ug/m <sup>3</sup>
10/26/2017	12:53:11	8.8	ug/m <sup>3</sup>
10/26/2017	12:54:11	9.1	ug/m <sup>3</sup>
10/26/2017	12:55:11	18.2	ug/m <sup>3</sup>
10/26/2017	12:56:11	66.3	ug/m <sup>3</sup>
10/26/2017	12:57:11	179.1	ug/m <sup>3</sup>
10/26/2017	12:58:11	84.8	ug/m <sup>3</sup>
10/26/2017	12:59:11	36.3	ug/m <sup>3</sup>
10/26/2017	13:00:11	10.9	ug/m <sup>3</sup>
10/26/2017	13:01:11	8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	13:02:11	7	ug/m <sup>3</sup>
10/26/2017	13:03:11	5.4	ug/m <sup>3</sup>
10/26/2017	13:04:11	6.2	ug/m <sup>3</sup>
10/26/2017	13:05:11	9	ug/m <sup>3</sup>
10/26/2017	13:06:11	13.3	ug/m <sup>3</sup>
10/26/2017	13:07:11	12.7	ug/m <sup>3</sup>
10/26/2017	13:08:11	8.5	ug/m <sup>3</sup>
10/26/2017	13:09:11	11.7	ug/m <sup>3</sup>
10/26/2017	13:10:11	8	ug/m <sup>3</sup>
10/26/2017	13:11:11	7.9	ug/m <sup>3</sup>
10/26/2017	13:12:11	13.5	ug/m <sup>3</sup>
10/26/2017	13:13:11	16.9	ug/m <sup>3</sup>
10/26/2017	13:14:11	9.8	ug/m <sup>3</sup>
10/26/2017	13:15:11	12.1	ug/m <sup>3</sup>
10/26/2017	13:16:11	28	ug/m <sup>3</sup>
10/26/2017	13:17:11	16.1	ug/m <sup>3</sup>
10/26/2017	13:18:11	13.5	ug/m <sup>3</sup>
10/26/2017	13:19:11	22.4	ug/m <sup>3</sup>
10/26/2017	13:20:11	51.1	ug/m <sup>3</sup>
10/26/2017	13:21:11	21.7	ug/m <sup>3</sup>
10/26/2017	13:22:11	16.2	ug/m <sup>3</sup>
10/26/2017	13:23:11	6.2	ug/m <sup>3</sup>
10/26/2017	13:24:11	4.7	ug/m <sup>3</sup>
10/26/2017	13:25:11	4.7	ug/m <sup>3</sup>
10/26/2017	13:26:11	5.7	ug/m <sup>3</sup>
10/26/2017	13:27:11	5.7	ug/m <sup>3</sup>
10/26/2017	13:28:11	4.6	ug/m <sup>3</sup>
10/26/2017	13:29:11	4	ug/m <sup>3</sup>
10/26/2017	13:30:11	7.9	ug/m <sup>3</sup>
10/26/2017	13:31:11	18.4	ug/m <sup>3</sup>
10/26/2017	13:32:11	36.7	ug/m <sup>3</sup>
10/26/2017	13:33:11	25.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	13:34:11	23.6	ug/m <sup>3</sup>
10/26/2017	13:35:11	32.7	ug/m <sup>3</sup>
10/26/2017	13:36:11	37	ug/m <sup>3</sup>
10/26/2017	13:37:11	8	ug/m <sup>3</sup>
10/26/2017	13:38:11	4.4	ug/m <sup>3</sup>
10/26/2017	13:39:11	4.5	ug/m <sup>3</sup>
10/26/2017	13:40:11	5.2	ug/m <sup>3</sup>
10/26/2017	13:41:11	11.9	ug/m <sup>3</sup>
10/26/2017	13:42:11	14.9	ug/m <sup>3</sup>
10/26/2017	13:43:11	11.5	ug/m <sup>3</sup>
10/26/2017	13:44:11	20.9	ug/m <sup>3</sup>
10/26/2017	13:45:11	5	ug/m <sup>3</sup>
10/26/2017	13:46:11	8.1	ug/m <sup>3</sup>
10/26/2017	13:47:11	6.7	ug/m <sup>3</sup>
10/26/2017	13:48:11	3.6	ug/m <sup>3</sup>
10/26/2017	13:49:11	29.9	ug/m <sup>3</sup>
10/26/2017	13:50:11	57	ug/m <sup>3</sup>
10/26/2017	13:51:11	46.8	ug/m <sup>3</sup>
10/26/2017	13:52:11	6.6	ug/m <sup>3</sup>
10/26/2017	13:53:11	28.6	ug/m <sup>3</sup>
10/26/2017	13:54:11	50	ug/m <sup>3</sup>
10/26/2017	13:55:11	63	ug/m <sup>3</sup>
10/26/2017	13:56:11	5.9	ug/m <sup>3</sup>
10/26/2017	13:57:11	4.2	ug/m <sup>3</sup>
10/26/2017	13:58:11	18	ug/m <sup>3</sup>
10/26/2017	13:59:11	26.1	ug/m <sup>3</sup>
10/26/2017	14:00:11	18.7	ug/m <sup>3</sup>
10/26/2017	14:01:11	25.2	ug/m <sup>3</sup>
10/26/2017	14:02:11	7.6	ug/m <sup>3</sup>
10/26/2017	14:03:11	4.6	ug/m <sup>3</sup>
10/26/2017	14:04:11	4.6	ug/m <sup>3</sup>
10/26/2017	14:05:11	3.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	14:06:11	3.6	ug/m <sup>3</sup>
10/26/2017	14:07:11	4.3	ug/m <sup>3</sup>
10/26/2017	14:08:11	4.5	ug/m <sup>3</sup>
10/26/2017	14:09:11	4	ug/m <sup>3</sup>
10/26/2017	14:10:11	3.8	ug/m <sup>3</sup>
10/26/2017	14:11:11	4.5	ug/m <sup>3</sup>
10/26/2017	14:12:11	4.3	ug/m <sup>3</sup>
10/26/2017	14:13:11	4.9	ug/m <sup>3</sup>
10/26/2017	14:14:11	5.2	ug/m <sup>3</sup>
10/26/2017	14:15:11	7.2	ug/m <sup>3</sup>
10/26/2017	14:16:11	9.8	ug/m <sup>3</sup>
10/26/2017	14:17:11	6.6	ug/m <sup>3</sup>
10/26/2017	14:18:11	33.3	ug/m <sup>3</sup>
10/26/2017	14:19:11	26.1	ug/m <sup>3</sup>
10/26/2017	14:20:11	25.9	ug/m <sup>3</sup>
10/26/2017	14:21:11	19.5	ug/m <sup>3</sup>
10/26/2017	14:22:11	6.3	ug/m <sup>3</sup>
10/26/2017	14:23:11	8.6	ug/m <sup>3</sup>
10/26/2017	14:24:11	7.7	ug/m <sup>3</sup>
10/26/2017	14:25:11	6.8	ug/m <sup>3</sup>
10/26/2017	14:26:11	4.7	ug/m <sup>3</sup>
10/26/2017	14:27:11	5.2	ug/m <sup>3</sup>
10/26/2017	14:28:11	18	ug/m <sup>3</sup>
10/26/2017	14:29:11	26.8	ug/m <sup>3</sup>
10/26/2017	14:30:11	13.7	ug/m <sup>3</sup>
10/26/2017	14:31:11	10.6	ug/m <sup>3</sup>
10/26/2017	14:32:11	18.7	ug/m <sup>3</sup>
10/26/2017	14:33:11	16.6	ug/m <sup>3</sup>
10/26/2017	14:34:11	31.8	ug/m <sup>3</sup>
10/26/2017	14:35:11	25.6	ug/m <sup>3</sup>
10/26/2017	14:36:11	4.4	ug/m <sup>3</sup>
10/26/2017	14:37:11	14.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	14:38:11	41.9	ug/m <sup>3</sup>
10/26/2017	14:39:11	46.1	ug/m <sup>3</sup>
10/26/2017	14:40:11	37.4	ug/m <sup>3</sup>
10/26/2017	14:41:11	19.2	ug/m <sup>3</sup>
10/26/2017	14:42:11	22.6	ug/m <sup>3</sup>
10/26/2017	14:43:11	20.1	ug/m <sup>3</sup>
10/26/2017	14:44:11	20.1	ug/m <sup>3</sup>
10/26/2017	14:45:11	19.2	ug/m <sup>3</sup>
10/26/2017	14:46:11	104.1	ug/m <sup>3</sup>
10/26/2017	14:47:11	146	ug/m <sup>3</sup>
10/26/2017	14:48:11	183	ug/m <sup>3</sup>
10/26/2017	14:49:11	75.4	ug/m <sup>3</sup>
10/26/2017	14:50:11	44.2	ug/m <sup>3</sup>
10/26/2017	14:51:11	21.7	ug/m <sup>3</sup>
10/26/2017	14:52:11	4.5	ug/m <sup>3</sup>
10/26/2017	14:53:11	7.9	ug/m <sup>3</sup>
10/26/2017	14:54:11	50	ug/m <sup>3</sup>
10/26/2017	14:55:11	115.9	ug/m <sup>3</sup>
10/26/2017	14:56:11	94.1	ug/m <sup>3</sup>
10/26/2017	14:57:11	92.2	ug/m <sup>3</sup>
10/26/2017	14:58:11	75.2	ug/m <sup>3</sup>
10/26/2017	14:59:11	24	ug/m <sup>3</sup>
10/26/2017	15:00:11	2.3	ug/m <sup>3</sup>
10/26/2017	15:01:11	2.2	ug/m <sup>3</sup>
10/26/2017	15:02:11	2.6	ug/m <sup>3</sup>
10/26/2017	15:03:11	2.2	ug/m <sup>3</sup>
10/26/2017	15:04:11	2	ug/m <sup>3</sup>
10/26/2017	15:05:11	1.6	ug/m <sup>3</sup>
10/26/2017	15:06:11	1.8	ug/m <sup>3</sup>
10/26/2017	15:07:11	1.8	ug/m <sup>3</sup>
10/26/2017	15:08:11	1.4	ug/m <sup>3</sup>
10/26/2017	15:09:11	1.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	15:10:11	2.4	ug/m <sup>3</sup>
10/26/2017	15:11:11	1.9	ug/m <sup>3</sup>
10/26/2017	15:12:11	1.8	ug/m <sup>3</sup>
10/26/2017	15:13:11	1.7	ug/m <sup>3</sup>
10/26/2017	15:14:11	2.5	ug/m <sup>3</sup>
10/26/2017	15:15:11	2.6	ug/m <sup>3</sup>
10/26/2017	15:16:11	49	ug/m <sup>3</sup>
10/26/2017	15:17:11	54	ug/m <sup>3</sup>
10/26/2017	15:18:11	19	ug/m <sup>3</sup>
10/26/2017	15:19:11	30.5	ug/m <sup>3</sup>
10/26/2017	15:20:11	46	ug/m <sup>3</sup>
10/26/2017	15:21:11	20.7	ug/m <sup>3</sup>
10/26/2017	15:22:11	4.5	ug/m <sup>3</sup>
10/26/2017	15:23:11	6.3	ug/m <sup>3</sup>
10/26/2017	15:24:11	27.1	ug/m <sup>3</sup>
10/26/2017	15:25:11	8.8	ug/m <sup>3</sup>
10/26/2017	15:26:11	5.7	ug/m <sup>3</sup>
10/26/2017	15:27:11	2.5	ug/m <sup>3</sup>
10/26/2017	15:28:11	2.4	ug/m <sup>3</sup>
10/26/2017	15:29:11	2.2	ug/m <sup>3</sup>
10/26/2017	15:30:11	1.6	ug/m <sup>3</sup>
10/26/2017	15:31:11	2.2	ug/m <sup>3</sup>
10/26/2017	15:32:11	1.9	ug/m <sup>3</sup>
10/26/2017	15:33:11	1.6	ug/m <sup>3</sup>
10/26/2017	15:34:11	1.6	ug/m <sup>3</sup>
10/26/2017	15:35:11	2	ug/m <sup>3</sup>
10/26/2017	15:36:11	1.1	ug/m <sup>3</sup>
10/26/2017	15:37:11	2.2	ug/m <sup>3</sup>
10/26/2017	15:38:11	2.4	ug/m <sup>3</sup>
10/26/2017	15:39:11	2	ug/m <sup>3</sup>
10/26/2017	15:40:11	1.9	ug/m <sup>3</sup>
10/26/2017	15:41:11	1.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	15:42:11	1.7	ug/m <sup>3</sup>
10/26/2017	15:43:11	1.6	ug/m <sup>3</sup>
10/26/2017	15:44:11	1.6	ug/m <sup>3</sup>
10/26/2017	15:45:11	1.9	ug/m <sup>3</sup>
10/26/2017	15:46:11	1.6	ug/m <sup>3</sup>
10/26/2017	15:47:11	1.8	ug/m <sup>3</sup>
10/26/2017	15:48:11	1.7	ug/m <sup>3</sup>
10/26/2017	15:49:11	2	ug/m <sup>3</sup>
10/26/2017	15:50:11	2.1	ug/m <sup>3</sup>
10/26/2017	15:51:11	2.7	ug/m <sup>3</sup>
10/26/2017	15:52:11	7.4	ug/m <sup>3</sup>
10/26/2017	15:53:11	22.5	ug/m <sup>3</sup>
10/26/2017	15:54:11	11.1	ug/m <sup>3</sup>
10/26/2017	15:55:11	29.7	ug/m <sup>3</sup>
10/26/2017	15:56:11	148.9	ug/m <sup>3</sup>
10/26/2017	15:57:11	35.1	ug/m <sup>3</sup>
10/26/2017	15:58:11	49.3	ug/m <sup>3</sup>
10/26/2017	15:59:11	91.3	ug/m <sup>3</sup>
10/26/2017	16:00:11	86.2	ug/m <sup>3</sup>
10/26/2017	16:01:11	86.3	ug/m <sup>3</sup>
10/26/2017	16:02:11	36.9	ug/m <sup>3</sup>
10/26/2017	16:03:11	67.1	ug/m <sup>3</sup>
10/26/2017	16:04:11	34.1	ug/m <sup>3</sup>
10/26/2017	16:05:11	5.7	ug/m <sup>3</sup>
10/26/2017	16:06:11	15.6	ug/m <sup>3</sup>
10/26/2017	16:07:11	7.7	ug/m <sup>3</sup>
10/26/2017	16:08:11	20.1	ug/m <sup>3</sup>
10/26/2017	16:09:11	24.7	ug/m <sup>3</sup>
10/26/2017	16:10:11	5.4	ug/m <sup>3</sup>
10/26/2017	16:11:11	3.7	ug/m <sup>3</sup>
10/26/2017	16:12:11	2.5	ug/m <sup>3</sup>
10/26/2017	16:13:11	1.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	16:14:11	1.5	ug/m <sup>3</sup>
10/26/2017	16:15:11	2.1	ug/m <sup>3</sup>
10/26/2017	16:16:11	4.4	ug/m <sup>3</sup>
10/26/2017	16:17:11	3.4	ug/m <sup>3</sup>
10/26/2017	16:18:11	3.2	ug/m <sup>3</sup>
10/26/2017	16:19:11	9.3	ug/m <sup>3</sup>
10/26/2017	16:20:11	8.5	ug/m <sup>3</sup>
10/26/2017	16:21:11	6.5	ug/m <sup>3</sup>
10/26/2017	16:22:11	26.6	ug/m <sup>3</sup>
10/26/2017	16:23:11	8.5	ug/m <sup>3</sup>
10/26/2017	16:24:11	2.8	ug/m <sup>3</sup>
10/26/2017	16:25:11	2.2	ug/m <sup>3</sup>
10/26/2017	16:26:11	1.8	ug/m <sup>3</sup>
10/26/2017	16:27:11	1.6	ug/m <sup>3</sup>
10/26/2017	16:28:11	2.6	ug/m <sup>3</sup>
10/26/2017	16:29:11	3.1	ug/m <sup>3</sup>
10/26/2017	16:30:11	14.8	ug/m <sup>3</sup>
10/26/2017	16:31:11	15	ug/m <sup>3</sup>
10/26/2017	16:32:11	11.2	ug/m <sup>3</sup>
10/26/2017	16:33:11	6.3	ug/m <sup>3</sup>
10/26/2017	16:34:11	4.4	ug/m <sup>3</sup>
10/26/2017	16:35:11	7.5	ug/m <sup>3</sup>
10/26/2017	16:36:11	4	ug/m <sup>3</sup>
10/26/2017	16:37:11	3.9	ug/m <sup>3</sup>
10/26/2017	16:38:11	22.5	ug/m <sup>3</sup>
10/26/2017	16:39:11	12.4	ug/m <sup>3</sup>
10/26/2017	16:40:11	5.3	ug/m <sup>3</sup>
10/26/2017	16:41:11	34.8	ug/m <sup>3</sup>
10/26/2017	16:42:11	84.2	ug/m <sup>3</sup>
10/26/2017	16:43:11	92.1	ug/m <sup>3</sup>
10/26/2017	16:44:11	53.6	ug/m <sup>3</sup>
10/26/2017	16:45:11	16.4	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	16:46:11	11.2	ug/m <sup>3</sup>
10/26/2017	16:47:11	7.5	ug/m <sup>3</sup>
10/26/2017	16:48:11	11.4	ug/m <sup>3</sup>
10/26/2017	16:49:11	9.6	ug/m <sup>3</sup>
10/26/2017	16:50:11	9.3	ug/m <sup>3</sup>
10/26/2017	16:51:11	17	ug/m <sup>3</sup>
10/26/2017	16:52:11	23.8	ug/m <sup>3</sup>
10/26/2017	16:53:11	21.5	ug/m <sup>3</sup>
10/26/2017	16:54:11	17.4	ug/m <sup>3</sup>
10/26/2017	16:55:11	26.7	ug/m <sup>3</sup>
10/26/2017	16:56:11	21.6	ug/m <sup>3</sup>
10/26/2017	16:57:11	21.2	ug/m <sup>3</sup>
10/26/2017	16:58:11	8.6	ug/m <sup>3</sup>
10/26/2017	16:59:11	6.6	ug/m <sup>3</sup>
10/26/2017	17:00:11	7	ug/m <sup>3</sup>
10/26/2017	17:01:11	3.4	ug/m <sup>3</sup>
10/26/2017	17:02:11	2.3	ug/m <sup>3</sup>
10/26/2017	17:03:11	4.3	ug/m <sup>3</sup>
10/26/2017	17:04:11	5.2	ug/m <sup>3</sup>
10/26/2017	17:05:11	10	ug/m <sup>3</sup>
10/26/2017	17:06:11	13.5	ug/m <sup>3</sup>
10/26/2017	17:07:11	20.9	ug/m <sup>3</sup>
10/26/2017	17:08:11	40.6	ug/m <sup>3</sup>
10/26/2017	17:09:11	57.1	ug/m <sup>3</sup>
10/26/2017	17:10:11	38.8	ug/m <sup>3</sup>
10/26/2017	17:11:11	20.5	ug/m <sup>3</sup>
10/26/2017	17:12:11	4.5	ug/m <sup>3</sup>
10/26/2017	17:13:11	3	ug/m <sup>3</sup>
10/26/2017	17:14:11	2.7	ug/m <sup>3</sup>
10/26/2017	17:15:11	1.6	ug/m <sup>3</sup>
10/26/2017	17:16:11	1.5	ug/m <sup>3</sup>
10/26/2017	17:17:11	2.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/26/2017	17:18:11	1.7	ug/m <sup>3</sup>
10/26/2017	17:19:11	1.8	ug/m <sup>3</sup>
10/26/2017	17:20:11	1.6	ug/m <sup>3</sup>
10/26/2017	17:21:11	2	ug/m <sup>3</sup>
10/26/2017	17:22:11	2.8	ug/m <sup>3</sup>
10/26/2017	17:23:11	2.2	ug/m <sup>3</sup>
10/26/2017	17:24:11	1.9	ug/m <sup>3</sup>
10/26/2017	17:25:11	2.6	ug/m <sup>3</sup>
10/26/2017	17:26:11	2.2	ug/m <sup>3</sup>
10/26/2017	17:27:11	2.1	ug/m <sup>3</sup>
10/26/2017	17:28:11	2.3	ug/m <sup>3</sup>
10/26/2017	17:29:11	1.7	ug/m <sup>3</sup>
10/26/2017	17:30:11	3.2	ug/m <sup>3</sup>
10/26/2017	17:31:11	3.8	ug/m <sup>3</sup>
10/26/2017	17:32:11	5.2	ug/m <sup>3</sup>
10/26/2017	17:33:11	3.8	ug/m <sup>3</sup>
10/26/2017	17:34:11	9.3	ug/m <sup>3</sup>
10/26/2017	17:35:11	3	ug/m <sup>3</sup>
10/26/2017	17:36:11	2.3	ug/m <sup>3</sup>
10/26/2017	17:37:11	2.5	ug/m <sup>3</sup>
10/26/2017	17:38:11	5.4	ug/m <sup>3</sup>
10/26/2017	17:39:11	5.8	ug/m <sup>3</sup>
10/26/2017	17:40:11	4.8	ug/m <sup>3</sup>
10/26/2017	17:41:11	12.1	ug/m <sup>3</sup>
10/26/2017	17:42:11	2.7	ug/m <sup>3</sup>
10/26/2017	17:43:11	3	ug/m <sup>3</sup>
10/26/2017	17:44:11	3	ug/m <sup>3</sup>
10/26/2017	17:45:11	8.9	ug/m <sup>3</sup>
10/26/2017	17:46:11	23.6	ug/m <sup>3</sup>
10/26/2017	17:47:11	8.2	ug/m <sup>3</sup>
10/26/2017	17:48:11	8.3	ug/m <sup>3</sup>
10/26/2017	17:49:11	4.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	17:50:11	3.6	ug/m <sup>3</sup>
10/26/2017	17:51:11	4.1	ug/m <sup>3</sup>
10/26/2017	17:52:11	3.5	ug/m <sup>3</sup>
10/26/2017	17:53:11	3.3	ug/m <sup>3</sup>
10/26/2017	17:54:11	3	ug/m <sup>3</sup>
10/26/2017	17:55:11	2.2	ug/m <sup>3</sup>
10/26/2017	17:56:11	2.2	ug/m <sup>3</sup>
10/26/2017	17:57:11	2.5	ug/m <sup>3</sup>
10/26/2017	17:58:11	2.5	ug/m <sup>3</sup>
10/26/2017	17:59:11	2.7	ug/m <sup>3</sup>
10/26/2017	18:00:11	3.2	ug/m <sup>3</sup>
10/26/2017	18:01:11	3	ug/m <sup>3</sup>
10/26/2017	18:02:11	3.1	ug/m <sup>3</sup>
10/26/2017	18:03:11	3.5	ug/m <sup>3</sup>
10/26/2017	18:04:11	3.4	ug/m <sup>3</sup>
10/26/2017	18:05:11	4	ug/m <sup>3</sup>
10/26/2017	18:06:11	4.1	ug/m <sup>3</sup>
10/26/2017	18:07:11	10.7	ug/m <sup>3</sup>
10/26/2017	18:08:11	6.5	ug/m <sup>3</sup>
10/26/2017	18:09:11	3.8	ug/m <sup>3</sup>
10/26/2017	18:10:11	3.6	ug/m <sup>3</sup>
10/26/2017	18:11:11	3.4	ug/m <sup>3</sup>
10/26/2017	18:12:11	3	ug/m <sup>3</sup>
10/26/2017	18:13:11	3.2	ug/m <sup>3</sup>
10/26/2017	18:14:11	3	ug/m <sup>3</sup>
10/26/2017	18:15:11	4.2	ug/m <sup>3</sup>
10/26/2017	18:16:11	2.9	ug/m <sup>3</sup>
10/26/2017	18:17:11	4	ug/m <sup>3</sup>
10/26/2017	18:18:11	3.6	ug/m <sup>3</sup>
10/26/2017	18:19:11	9.5	ug/m <sup>3</sup>
10/26/2017	18:20:11	9.9	ug/m <sup>3</sup>
10/26/2017	18:21:11	15.5	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	18:22:11	13.9	ug/m <sup>3</sup>
10/26/2017	18:23:11	8.5	ug/m <sup>3</sup>
10/26/2017	18:24:11	4.5	ug/m <sup>3</sup>
10/26/2017	18:25:11	3.2	ug/m <sup>3</sup>
10/26/2017	18:26:11	3.4	ug/m <sup>3</sup>
10/26/2017	18:27:11	3.4	ug/m <sup>3</sup>
10/26/2017	18:28:11	3	ug/m <sup>3</sup>
10/26/2017	18:29:11	3.6	ug/m <sup>3</sup>
10/26/2017	18:30:11	5.4	ug/m <sup>3</sup>
10/26/2017	18:31:11	6	ug/m <sup>3</sup>
10/26/2017	18:32:11	7	ug/m <sup>3</sup>
10/26/2017	18:33:11	6.9	ug/m <sup>3</sup>
10/26/2017	18:34:11	6.3	ug/m <sup>3</sup>
10/26/2017	18:35:11	5.8	ug/m <sup>3</sup>
10/26/2017	18:36:11	5.4	ug/m <sup>3</sup>
10/26/2017	18:37:11	4.5	ug/m <sup>3</sup>
10/26/2017	18:38:11	3.6	ug/m <sup>3</sup>
10/26/2017	18:39:11	3.4	ug/m <sup>3</sup>
10/26/2017	18:40:11	3.4	ug/m <sup>3</sup>
10/26/2017	18:41:11	4.4	ug/m <sup>3</sup>
10/26/2017	18:42:11	4.5	ug/m <sup>3</sup>
10/26/2017	18:43:11	4.6	ug/m <sup>3</sup>
10/26/2017	18:44:11	5.2	ug/m <sup>3</sup>
10/26/2017	18:45:11	4.8	ug/m <sup>3</sup>
10/26/2017	18:46:11	4.9	ug/m <sup>3</sup>
10/26/2017	18:47:11	3.9	ug/m <sup>3</sup>
10/26/2017	18:48:11	3.2	ug/m <sup>3</sup>
10/26/2017	18:49:11	3.6	ug/m <sup>3</sup>
10/26/2017	18:50:11	3.4	ug/m <sup>3</sup>
10/26/2017	18:51:11	4.8	ug/m <sup>3</sup>
10/26/2017	18:52:11	4.1	ug/m <sup>3</sup>
10/26/2017	18:53:11	3.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/26/2017	18:54:11	4.5	ug/m <sup>3</sup>
10/26/2017	18:55:11	4.3	ug/m <sup>3</sup>
10/26/2017	18:56:11	4.5	ug/m <sup>3</sup>
10/26/2017	18:57:11	4.6	ug/m <sup>3</sup>
10/26/2017	18:58:11	4.4	ug/m <sup>3</sup>
10/26/2017	18:59:11	5.2	ug/m <sup>3</sup>
10/26/2017	19:00:11	4.1	ug/m <sup>3</sup>
10/26/2017	19:01:11	3.9	ug/m <sup>3</sup>
10/26/2017	19:02:11	4	ug/m <sup>3</sup>
10/26/2017	19:03:11	3.8	ug/m <sup>3</sup>
10/26/2017	19:04:11	3.3	ug/m <sup>3</sup>
10/26/2017	19:05:11	3.7	ug/m <sup>3</sup>
10/26/2017	19:06:11	3.7	ug/m <sup>3</sup>
10/26/2017	19:07:11	4	ug/m <sup>3</sup>
10/26/2017	19:08:11	3.9	ug/m <sup>3</sup>
10/26/2017	19:09:11	3.5	ug/m <sup>3</sup>
10/26/2017	19:10:11	3.3	ug/m <sup>3</sup>
10/26/2017	19:11:11	3.4	ug/m <sup>3</sup>
10/26/2017	19:12:11	3.4	ug/m <sup>3</sup>
10/26/2017	19:13:11	3.3	ug/m <sup>3</sup>
10/26/2017	19:14:11	3.8	ug/m <sup>3</sup>
10/26/2017	19:15:11	3.5	ug/m <sup>3</sup>
10/26/2017	19:16:11	3.9	ug/m <sup>3</sup>
10/26/2017	19:17:11	3.7	ug/m <sup>3</sup>
10/26/2017	19:18:11	3.6	ug/m <sup>3</sup>
10/26/2017	19:19:11	4	ug/m <sup>3</sup>
10/26/2017	19:20:11	3.8	ug/m <sup>3</sup>
10/26/2017	19:21:11	3.5	ug/m <sup>3</sup>
10/26/2017	19:22:11	3.5	ug/m <sup>3</sup>
10/26/2017	19:23:11	4	ug/m <sup>3</sup>
10/26/2017	19:24:11	3.8	ug/m <sup>3</sup>
10/26/2017	19:25:11	4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/26/2017	19:26:11	3.6	ug/m <sup>3</sup>
10/26/2017	19:27:11	3.7	ug/m <sup>3</sup>
10/26/2017	19:28:11	3.2	ug/m <sup>3</sup>
10/26/2017	19:29:11	3.9	ug/m <sup>3</sup>
10/26/2017	19:30:11	3.7	ug/m <sup>3</sup>
10/26/2017	19:31:11	3.8	ug/m <sup>3</sup>
10/26/2017	19:32:11	4	ug/m <sup>3</sup>
10/26/2017	19:33:11	4.6	ug/m <sup>3</sup>
10/26/2017	19:34:11	3.9	ug/m <sup>3</sup>
10/26/2017	19:35:11	3.8	ug/m <sup>3</sup>
10/26/2017	19:36:11	4.3	ug/m <sup>3</sup>
10/26/2017	19:37:11	4.1	ug/m <sup>3</sup>
10/26/2017	19:38:11	4.4	ug/m <sup>3</sup>
10/26/2017	19:39:11	4.7	ug/m <sup>3</sup>
10/26/2017	19:40:11	4.6	ug/m <sup>3</sup>
10/26/2017	19:41:11	4.3	ug/m <sup>3</sup>
10/26/2017	19:42:11	4.1	ug/m <sup>3</sup>
10/26/2017	19:43:11	4	ug/m <sup>3</sup>
10/26/2017	19:44:11	4.6	ug/m <sup>3</sup>
10/26/2017	19:45:11	4.9	ug/m <sup>3</sup>
10/26/2017	19:46:11	4.8	ug/m <sup>3</sup>
10/26/2017	19:47:11	4.8	ug/m <sup>3</sup>
10/26/2017	19:48:11	4.8	ug/m <sup>3</sup>
10/26/2017	19:49:11	4.6	ug/m <sup>3</sup>
10/26/2017	19:50:11	4.7	ug/m <sup>3</sup>
10/26/2017	19:51:11	5.6	ug/m <sup>3</sup>
10/26/2017	19:52:11	6.9	ug/m <sup>3</sup>
10/26/2017	19:53:11	5.9	ug/m <sup>3</sup>
10/26/2017	19:54:11	5.4	ug/m <sup>3</sup>
10/26/2017	19:55:11	5.4	ug/m <sup>3</sup>
10/26/2017	19:56:11	5.3	ug/m <sup>3</sup>
10/26/2017	19:57:11	5.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/26/2017	19:58:11	5	ug/m <sup>3</sup>
10/26/2017	19:59:11	5.5	ug/m <sup>3</sup>
10/26/2017	20:00:11	6.3	ug/m <sup>3</sup>
10/26/2017	20:01:11	5.4	ug/m <sup>3</sup>
10/26/2017	20:02:11	5.5	ug/m <sup>3</sup>
10/26/2017	20:03:11	5.7	ug/m <sup>3</sup>
10/26/2017	20:04:11	5.7	ug/m <sup>3</sup>
10/26/2017	20:05:11	6.2	ug/m <sup>3</sup>
10/26/2017	20:06:11	5.4	ug/m <sup>3</sup>
10/26/2017	20:07:11	5.7	ug/m <sup>3</sup>
10/26/2017	20:08:11	5.7	ug/m <sup>3</sup>
10/26/2017	20:09:11	5.5	ug/m <sup>3</sup>
10/26/2017	20:10:11	6	ug/m <sup>3</sup>
10/26/2017	20:11:11	5.5	ug/m <sup>3</sup>
10/26/2017	20:12:11	5.6	ug/m <sup>3</sup>
10/26/2017	20:13:11	5.6	ug/m <sup>3</sup>
10/26/2017	20:14:11	6	ug/m <sup>3</sup>
10/26/2017	20:15:11	6.1	ug/m <sup>3</sup>
10/26/2017	20:16:11	5.9	ug/m <sup>3</sup>
10/26/2017	20:17:11	6.3	ug/m <sup>3</sup>
10/26/2017	20:18:11	6.6	ug/m <sup>3</sup>
10/26/2017	20:19:11	6.6	ug/m <sup>3</sup>
10/26/2017	20:20:11	6.7	ug/m <sup>3</sup>
10/26/2017	20:21:11	6.5	ug/m <sup>3</sup>
10/26/2017	20:22:11	7.3	ug/m <sup>3</sup>
10/26/2017	20:23:11	7.2	ug/m <sup>3</sup>
10/26/2017	20:24:11	7.6	ug/m <sup>3</sup>
10/26/2017	20:25:11	7.5	ug/m <sup>3</sup>
10/26/2017	20:26:11	7.4	ug/m <sup>3</sup>
10/26/2017	20:27:11	7.7	ug/m <sup>3</sup>
10/26/2017	20:28:11	8	ug/m <sup>3</sup>
10/26/2017	20:29:11	8.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	20:30:11	7.8	ug/m <sup>3</sup>
10/26/2017	20:31:11	8.1	ug/m <sup>3</sup>
10/26/2017	20:32:11	8	ug/m <sup>3</sup>
10/26/2017	20:33:11	7.8	ug/m <sup>3</sup>
10/26/2017	20:34:11	7.8	ug/m <sup>3</sup>
10/26/2017	20:35:11	8.2	ug/m <sup>3</sup>
10/26/2017	20:36:11	7.6	ug/m <sup>3</sup>
10/26/2017	20:37:11	7.7	ug/m <sup>3</sup>
10/26/2017	20:38:11	7.9	ug/m <sup>3</sup>
10/26/2017	20:39:11	8.2	ug/m <sup>3</sup>
10/26/2017	20:40:11	7.5	ug/m <sup>3</sup>
10/26/2017	20:41:11	8.1	ug/m <sup>3</sup>
10/26/2017	20:42:11	7.8	ug/m <sup>3</sup>
10/26/2017	20:43:11	7.5	ug/m <sup>3</sup>
10/26/2017	20:44:11	7.1	ug/m <sup>3</sup>
10/26/2017	20:45:11	6.8	ug/m <sup>3</sup>
10/26/2017	20:46:11	7.5	ug/m <sup>3</sup>
10/26/2017	20:47:11	7.5	ug/m <sup>3</sup>
10/26/2017	20:48:11	7.5	ug/m <sup>3</sup>
10/26/2017	20:49:11	7.4	ug/m <sup>3</sup>
10/26/2017	20:50:11	7.9	ug/m <sup>3</sup>
10/26/2017	20:51:11	8.1	ug/m <sup>3</sup>
10/26/2017	20:52:11	8	ug/m <sup>3</sup>
10/26/2017	20:53:11	7.4	ug/m <sup>3</sup>
10/26/2017	20:54:11	7.6	ug/m <sup>3</sup>
10/26/2017	20:55:11	7.3	ug/m <sup>3</sup>
10/26/2017	20:56:11	7	ug/m <sup>3</sup>
10/26/2017	20:57:11	7.2	ug/m <sup>3</sup>
10/26/2017	20:58:11	7.2	ug/m <sup>3</sup>
10/26/2017	20:59:11	7	ug/m <sup>3</sup>
10/26/2017	21:00:11	6.9	ug/m <sup>3</sup>
10/26/2017	21:01:11	7.3	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	21:02:11	7.1	ug/m <sup>3</sup>
10/26/2017	21:03:11	7.1	ug/m <sup>3</sup>
10/26/2017	21:04:11	7.3	ug/m <sup>3</sup>
10/26/2017	21:05:11	7.9	ug/m <sup>3</sup>
10/26/2017	21:06:11	7.5	ug/m <sup>3</sup>
10/26/2017	21:07:11	7.4	ug/m <sup>3</sup>
10/26/2017	21:08:11	7.8	ug/m <sup>3</sup>
10/26/2017	21:09:11	8.3	ug/m <sup>3</sup>
10/26/2017	21:10:11	8.5	ug/m <sup>3</sup>
10/26/2017	21:11:11	8.8	ug/m <sup>3</sup>
10/26/2017	21:12:11	9.7	ug/m <sup>3</sup>
10/26/2017	21:13:11	10.4	ug/m <sup>3</sup>
10/26/2017	21:14:11	10.7	ug/m <sup>3</sup>
10/26/2017	21:15:11	10.2	ug/m <sup>3</sup>
10/26/2017	21:16:11	10.2	ug/m <sup>3</sup>
10/26/2017	21:17:11	10.4	ug/m <sup>3</sup>
10/26/2017	21:18:11	11.7	ug/m <sup>3</sup>
10/26/2017	21:19:11	11.9	ug/m <sup>3</sup>
10/26/2017	21:20:11	11.8	ug/m <sup>3</sup>
10/26/2017	21:21:11	12.2	ug/m <sup>3</sup>
10/26/2017	21:22:11	12.3	ug/m <sup>3</sup>
10/26/2017	21:23:11	12.1	ug/m <sup>3</sup>
10/26/2017	21:24:11	11.6	ug/m <sup>3</sup>
10/26/2017	21:25:11	12.1	ug/m <sup>3</sup>
10/26/2017	21:26:11	11.4	ug/m <sup>3</sup>
10/26/2017	21:27:11	11.1	ug/m <sup>3</sup>
10/26/2017	21:28:11	11	ug/m <sup>3</sup>
10/26/2017	21:29:11	11.4	ug/m <sup>3</sup>
10/26/2017	21:30:11	10.6	ug/m <sup>3</sup>
10/26/2017	21:31:11	10.7	ug/m <sup>3</sup>
10/26/2017	21:32:11	10.8	ug/m <sup>3</sup>
10/26/2017	21:33:11	10.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	21:34:11	10.5	ug/m <sup>3</sup>
10/26/2017	21:35:11	10.3	ug/m <sup>3</sup>
10/26/2017	21:36:11	10.4	ug/m <sup>3</sup>
10/26/2017	21:37:11	10.7	ug/m <sup>3</sup>
10/26/2017	21:38:11	12.3	ug/m <sup>3</sup>
10/26/2017	21:39:11	12.5	ug/m <sup>3</sup>
10/26/2017	21:40:11	12.9	ug/m <sup>3</sup>
10/26/2017	21:41:11	13.7	ug/m <sup>3</sup>
10/26/2017	21:42:11	13.5	ug/m <sup>3</sup>
10/26/2017	21:43:11	13.2	ug/m <sup>3</sup>
10/26/2017	21:44:11	14.4	ug/m <sup>3</sup>
10/26/2017	21:45:11	14.8	ug/m <sup>3</sup>
10/26/2017	21:46:11	14.4	ug/m <sup>3</sup>
10/26/2017	21:47:11	14.1	ug/m <sup>3</sup>
10/26/2017	21:48:11	14.2	ug/m <sup>3</sup>
10/26/2017	21:49:11	14.5	ug/m <sup>3</sup>
10/26/2017	21:50:11	15.2	ug/m <sup>3</sup>
10/26/2017	21:51:11	15.3	ug/m <sup>3</sup>
10/26/2017	21:52:11	15.5	ug/m <sup>3</sup>
10/26/2017	21:53:11	15.5	ug/m <sup>3</sup>
10/26/2017	21:54:11	16.3	ug/m <sup>3</sup>
10/26/2017	21:55:11	16.1	ug/m <sup>3</sup>
10/26/2017	21:56:11	16.2	ug/m <sup>3</sup>
10/26/2017	21:57:11	15.8	ug/m <sup>3</sup>
10/26/2017	21:58:11	15.4	ug/m <sup>3</sup>
10/26/2017	21:59:11	15.5	ug/m <sup>3</sup>
10/26/2017	22:00:11	14.6	ug/m <sup>3</sup>
10/26/2017	22:01:11	14.9	ug/m <sup>3</sup>
10/26/2017	22:02:11	14.7	ug/m <sup>3</sup>
10/26/2017	22:03:11	14.1	ug/m <sup>3</sup>
10/26/2017	22:04:11	13.7	ug/m <sup>3</sup>
10/26/2017	22:05:11	13.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/26/2017	22:06:11	13.5	ug/m <sup>3</sup>
10/26/2017	22:07:11	14	ug/m <sup>3</sup>
10/26/2017	22:08:11	14.1	ug/m <sup>3</sup>
10/26/2017	22:09:11	13.6	ug/m <sup>3</sup>
10/26/2017	22:10:11	13.6	ug/m <sup>3</sup>
10/26/2017	22:11:11	13.5	ug/m <sup>3</sup>
10/26/2017	22:12:11	13.7	ug/m <sup>3</sup>
10/26/2017	22:13:11	13.3	ug/m <sup>3</sup>
10/26/2017	22:14:11	13.9	ug/m <sup>3</sup>
10/26/2017	22:15:11	13.9	ug/m <sup>3</sup>
10/26/2017	22:16:11	13.9	ug/m <sup>3</sup>
10/26/2017	22:17:11	13.7	ug/m <sup>3</sup>
10/26/2017	22:18:11	14.7	ug/m <sup>3</sup>
10/26/2017	22:19:11	14	ug/m <sup>3</sup>
10/26/2017	22:20:11	14.3	ug/m <sup>3</sup>
10/26/2017	22:21:11	14.4	ug/m <sup>3</sup>
10/26/2017	22:22:11	13.3	ug/m <sup>3</sup>
10/26/2017	22:23:11	13.6	ug/m <sup>3</sup>
10/26/2017	22:24:11	13.5	ug/m <sup>3</sup>
10/26/2017	22:25:11	13.3	ug/m <sup>3</sup>
10/26/2017	22:26:11	13.1	ug/m <sup>3</sup>
10/26/2017	22:27:11	13.6	ug/m <sup>3</sup>
10/26/2017	22:28:11	14.7	ug/m <sup>3</sup>
10/26/2017	22:29:11	14.5	ug/m <sup>3</sup>
10/26/2017	22:30:11	15	ug/m <sup>3</sup>
10/26/2017	22:31:11	15.5	ug/m <sup>3</sup>
10/26/2017	22:32:11	15.6	ug/m <sup>3</sup>
10/26/2017	22:33:11	15.6	ug/m <sup>3</sup>
10/26/2017	22:34:11	16.2	ug/m <sup>3</sup>
10/26/2017	22:35:11	15.8	ug/m <sup>3</sup>
10/26/2017	22:36:11	16.8	ug/m <sup>3</sup>
10/26/2017	22:37:11	17.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	22:38:11	16.9	ug/m <sup>3</sup>
10/26/2017	22:39:11	17.6	ug/m <sup>3</sup>
10/26/2017	22:40:11	18.2	ug/m <sup>3</sup>
10/26/2017	22:41:11	17.7	ug/m <sup>3</sup>
10/26/2017	22:42:11	18.5	ug/m <sup>3</sup>
10/26/2017	22:43:11	18.6	ug/m <sup>3</sup>
10/26/2017	22:44:11	19.4	ug/m <sup>3</sup>
10/26/2017	22:45:11	19.6	ug/m <sup>3</sup>
10/26/2017	22:46:11	19.7	ug/m <sup>3</sup>
10/26/2017	22:47:11	20.2	ug/m <sup>3</sup>
10/26/2017	22:48:11	20.8	ug/m <sup>3</sup>
10/26/2017	22:49:11	21.2	ug/m <sup>3</sup>
10/26/2017	22:50:11	21.2	ug/m <sup>3</sup>
10/26/2017	22:51:11	21.1	ug/m <sup>3</sup>
10/26/2017	22:52:11	20.9	ug/m <sup>3</sup>
10/26/2017	22:53:11	21.3	ug/m <sup>3</sup>
10/26/2017	22:54:11	20.3	ug/m <sup>3</sup>
10/26/2017	22:55:11	20.1	ug/m <sup>3</sup>
10/26/2017	22:56:11	19.9	ug/m <sup>3</sup>
10/26/2017	22:57:11	20.5	ug/m <sup>3</sup>
10/26/2017	22:58:11	20.4	ug/m <sup>3</sup>
10/26/2017	22:59:11	20.3	ug/m <sup>3</sup>
10/26/2017	23:00:11	20.5	ug/m <sup>3</sup>
10/26/2017	23:01:11	20.3	ug/m <sup>3</sup>
10/26/2017	23:02:11	19.9	ug/m <sup>3</sup>
10/26/2017	23:03:11	19.8	ug/m <sup>3</sup>
10/26/2017	23:04:11	19.9	ug/m <sup>3</sup>
10/26/2017	23:05:11	19.3	ug/m <sup>3</sup>
10/26/2017	23:06:11	19.5	ug/m <sup>3</sup>
10/26/2017	23:07:11	20.3	ug/m <sup>3</sup>
10/26/2017	23:08:11	19.2	ug/m <sup>3</sup>
10/26/2017	23:09:11	19.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	23:10:11	19.1	ug/m <sup>3</sup>
10/26/2017	23:11:11	18.1	ug/m <sup>3</sup>
10/26/2017	23:12:11	17.8	ug/m <sup>3</sup>
10/26/2017	23:13:11	17.4	ug/m <sup>3</sup>
10/26/2017	23:14:11	17.8	ug/m <sup>3</sup>
10/26/2017	23:15:11	17	ug/m <sup>3</sup>
10/26/2017	23:16:11	17	ug/m <sup>3</sup>
10/26/2017	23:17:11	16.4	ug/m <sup>3</sup>
10/26/2017	23:18:11	16.8	ug/m <sup>3</sup>
10/26/2017	23:19:11	16.5	ug/m <sup>3</sup>
10/26/2017	23:20:11	16	ug/m <sup>3</sup>
10/26/2017	23:21:11	16.3	ug/m <sup>3</sup>
10/26/2017	23:22:11	16.4	ug/m <sup>3</sup>
10/26/2017	23:23:11	16.5	ug/m <sup>3</sup>
10/26/2017	23:24:11	17.5	ug/m <sup>3</sup>
10/26/2017	23:25:11	17.9	ug/m <sup>3</sup>
10/26/2017	23:26:11	18.1	ug/m <sup>3</sup>
10/26/2017	23:27:11	18.1	ug/m <sup>3</sup>
10/26/2017	23:28:11	18	ug/m <sup>3</sup>
10/26/2017	23:29:11	18	ug/m <sup>3</sup>
10/26/2017	23:30:11	18.5	ug/m <sup>3</sup>
10/26/2017	23:31:11	19.2	ug/m <sup>3</sup>
10/26/2017	23:32:11	19.2	ug/m <sup>3</sup>
10/26/2017	23:33:11	18.6	ug/m <sup>3</sup>
10/26/2017	23:34:11	18.8	ug/m <sup>3</sup>
10/26/2017	23:35:11	18.6	ug/m <sup>3</sup>
10/26/2017	23:36:11	18.1	ug/m <sup>3</sup>
10/26/2017	23:37:11	17.4	ug/m <sup>3</sup>
10/26/2017	23:38:11	17.1	ug/m <sup>3</sup>
10/26/2017	23:39:11	17.3	ug/m <sup>3</sup>
10/26/2017	23:40:11	17.1	ug/m <sup>3</sup>
10/26/2017	23:41:11	16.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/26/2017	23:42:11	17.7	ug/m <sup>3</sup>
10/26/2017	23:43:11	17	ug/m <sup>3</sup>
10/26/2017	23:44:11	17.1	ug/m <sup>3</sup>
10/26/2017	23:45:11	17.9	ug/m <sup>3</sup>
10/26/2017	23:46:11	18.5	ug/m <sup>3</sup>
10/26/2017	23:47:11	18.6	ug/m <sup>3</sup>
10/26/2017	23:48:11	19.1	ug/m <sup>3</sup>
10/26/2017	23:49:11	19.7	ug/m <sup>3</sup>
10/26/2017	23:50:11	19.5	ug/m <sup>3</sup>
10/26/2017	23:51:11	19.7	ug/m <sup>3</sup>
10/26/2017	23:52:11	20	ug/m <sup>3</sup>
10/26/2017	23:53:11	19.6	ug/m <sup>3</sup>
10/26/2017	23:54:11	20	ug/m <sup>3</sup>
10/26/2017	23:55:11	20.2	ug/m <sup>3</sup>
10/26/2017	23:56:11	19.9	ug/m <sup>3</sup>
10/26/2017	23:57:11	20.4	ug/m <sup>3</sup>
10/26/2017	23:58:11	19.8	ug/m <sup>3</sup>
10/26/2017	23:59:11	19.5	ug/m <sup>3</sup>
10/27/2017	0:00:11	19.9	ug/m <sup>3</sup>
10/27/2017	0:01:11	19.8	ug/m <sup>3</sup>
10/27/2017	0:02:11	19.6	ug/m <sup>3</sup>
10/27/2017	0:03:11	20.7	ug/m <sup>3</sup>
10/27/2017	0:04:11	20	ug/m <sup>3</sup>
10/27/2017	0:05:11	20	ug/m <sup>3</sup>
10/27/2017	0:06:11	19.5	ug/m <sup>3</sup>
10/27/2017	0:07:11	19.8	ug/m <sup>3</sup>
10/27/2017	0:08:11	20.2	ug/m <sup>3</sup>
10/27/2017	0:09:11	19.5	ug/m <sup>3</sup>
10/27/2017	0:10:11	19.1	ug/m <sup>3</sup>
10/27/2017	0:11:11	18.8	ug/m <sup>3</sup>
10/27/2017	0:12:11	17.9	ug/m <sup>3</sup>
10/27/2017	0:13:11	17.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/27/2017	0:14:11	16.8	ug/m <sup>3</sup>
10/27/2017	0:15:11	16.2	ug/m <sup>3</sup>
10/27/2017	0:16:11	16	ug/m <sup>3</sup>
10/27/2017	0:17:11	14.8	ug/m <sup>3</sup>
10/27/2017	0:18:11	14.9	ug/m <sup>3</sup>
10/27/2017	0:19:11	14.7	ug/m <sup>3</sup>
10/27/2017	0:20:11	14.7	ug/m <sup>3</sup>
10/27/2017	0:21:11	14.7	ug/m <sup>3</sup>
10/27/2017	0:22:11	14.2	ug/m <sup>3</sup>
10/27/2017	0:23:11	14.3	ug/m <sup>3</sup>
10/27/2017	0:24:11	14.3	ug/m <sup>3</sup>
10/27/2017	0:25:11	14.9	ug/m <sup>3</sup>
10/27/2017	0:26:11	14.3	ug/m <sup>3</sup>
10/27/2017	0:27:11	14.5	ug/m <sup>3</sup>
10/27/2017	0:28:11	15.9	ug/m <sup>3</sup>
10/27/2017	0:29:11	15.1	ug/m <sup>3</sup>
10/27/2017	0:30:11	16.3	ug/m <sup>3</sup>
10/27/2017	0:31:11	14.9	ug/m <sup>3</sup>
10/27/2017	0:32:11	15	ug/m <sup>3</sup>
10/27/2017	0:33:11	15	ug/m <sup>3</sup>
10/27/2017	0:34:11	15.4	ug/m <sup>3</sup>
10/27/2017	0:35:11	14.5	ug/m <sup>3</sup>
10/27/2017	0:36:11	14.7	ug/m <sup>3</sup>
10/27/2017	0:37:11	14.5	ug/m <sup>3</sup>
10/27/2017	0:38:11	14.7	ug/m <sup>3</sup>
10/27/2017	0:39:11	14.3	ug/m <sup>3</sup>
10/27/2017	0:40:11	14.4	ug/m <sup>3</sup>
10/27/2017	0:41:11	14.2	ug/m <sup>3</sup>
10/27/2017	0:42:11	13.9	ug/m <sup>3</sup>
10/27/2017	0:43:11	14	ug/m <sup>3</sup>
10/27/2017	0:44:11	14.4	ug/m <sup>3</sup>
10/27/2017	0:45:11	13.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
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Instrument Readings			
Date	Time	Result	Units
10/27/2017	0:46:11	13.7	ug/m <sup>3</sup>
10/27/2017	0:47:11	13.5	ug/m <sup>3</sup>
10/27/2017	0:48:11	13.2	ug/m <sup>3</sup>
10/27/2017	0:49:11	13.6	ug/m <sup>3</sup>
10/27/2017	0:50:11	13	ug/m <sup>3</sup>
10/27/2017	0:51:11	13.4	ug/m <sup>3</sup>
10/27/2017	0:52:11	13.6	ug/m <sup>3</sup>
10/27/2017	0:53:11	13.4	ug/m <sup>3</sup>
10/27/2017	0:54:11	12.9	ug/m <sup>3</sup>
10/27/2017	0:55:11	12.5	ug/m <sup>3</sup>
10/27/2017	0:56:11	12.7	ug/m <sup>3</sup>
10/27/2017	0:57:11	12.1	ug/m <sup>3</sup>
10/27/2017	0:58:11	11.3	ug/m <sup>3</sup>
10/27/2017	0:59:11	10.9	ug/m <sup>3</sup>
10/27/2017	1:00:11	10.7	ug/m <sup>3</sup>
10/27/2017	1:01:11	10.6	ug/m <sup>3</sup>
10/27/2017	1:02:11	9.6	ug/m <sup>3</sup>
10/27/2017	1:03:11	9.7	ug/m <sup>3</sup>
10/27/2017	1:04:11	10.2	ug/m <sup>3</sup>
10/27/2017	1:05:11	9.8	ug/m <sup>3</sup>
10/27/2017	1:06:11	9.3	ug/m <sup>3</sup>
10/27/2017	1:07:11	9.6	ug/m <sup>3</sup>
10/27/2017	1:08:11	9.2	ug/m <sup>3</sup>
10/27/2017	1:09:11	9.4	ug/m <sup>3</sup>
10/27/2017	1:10:11	9	ug/m <sup>3</sup>
10/27/2017	1:11:11	9.3	ug/m <sup>3</sup>
10/27/2017	1:12:11	9.3	ug/m <sup>3</sup>
10/27/2017	1:13:11	8.9	ug/m <sup>3</sup>
10/27/2017	1:14:11	9.2	ug/m <sup>3</sup>
10/27/2017	1:15:11	9.9	ug/m <sup>3</sup>
10/27/2017	1:16:11	9.5	ug/m <sup>3</sup>
10/27/2017	1:17:11	9.3	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
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Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	1:18:11	9.1	ug/m <sup>3</sup>
10/27/2017	1:19:11	10	ug/m <sup>3</sup>
10/27/2017	1:20:11	9.5	ug/m <sup>3</sup>
10/27/2017	1:21:11	9.2	ug/m <sup>3</sup>
10/27/2017	1:22:11	9.3	ug/m <sup>3</sup>
10/27/2017	1:23:11	9.6	ug/m <sup>3</sup>
10/27/2017	1:24:11	9.6	ug/m <sup>3</sup>
10/27/2017	1:25:11	9.8	ug/m <sup>3</sup>
10/27/2017	1:26:11	10.1	ug/m <sup>3</sup>
10/27/2017	1:27:11	9.9	ug/m <sup>3</sup>
10/27/2017	1:28:11	10.6	ug/m <sup>3</sup>
10/27/2017	1:29:11	10.1	ug/m <sup>3</sup>
10/27/2017	1:30:11	9.7	ug/m <sup>3</sup>
10/27/2017	1:31:11	10.1	ug/m <sup>3</sup>
10/27/2017	1:32:11	9.9	ug/m <sup>3</sup>
10/27/2017	1:33:11	10	ug/m <sup>3</sup>
10/27/2017	1:34:11	9.8	ug/m <sup>3</sup>
10/27/2017	1:35:11	10.6	ug/m <sup>3</sup>
10/27/2017	1:36:11	10.5	ug/m <sup>3</sup>
10/27/2017	1:37:11	10.5	ug/m <sup>3</sup>
10/27/2017	1:38:11	10.9	ug/m <sup>3</sup>
10/27/2017	1:39:11	10.3	ug/m <sup>3</sup>
10/27/2017	1:40:11	10.4	ug/m <sup>3</sup>
10/27/2017	1:41:11	10.9	ug/m <sup>3</sup>
10/27/2017	1:42:11	10.7	ug/m <sup>3</sup>
10/27/2017	1:43:11	10.8	ug/m <sup>3</sup>
10/27/2017	1:44:11	10.7	ug/m <sup>3</sup>
10/27/2017	1:45:11	11.2	ug/m <sup>3</sup>
10/27/2017	1:46:11	10.9	ug/m <sup>3</sup>
10/27/2017	1:47:11	9.4	ug/m <sup>3</sup>
10/27/2017	1:48:11	9.9	ug/m <sup>3</sup>
10/27/2017	1:49:11	9.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/27/2017	1:50:11	9.1	ug/m <sup>3</sup>
10/27/2017	1:51:11	9.1	ug/m <sup>3</sup>
10/27/2017	1:52:11	9.2	ug/m <sup>3</sup>
10/27/2017	1:53:11	9.4	ug/m <sup>3</sup>
10/27/2017	1:54:11	9.3	ug/m <sup>3</sup>
10/27/2017	1:55:11	9.2	ug/m <sup>3</sup>
10/27/2017	1:56:11	9.2	ug/m <sup>3</sup>
10/27/2017	1:57:11	9.1	ug/m <sup>3</sup>
10/27/2017	1:58:11	9.3	ug/m <sup>3</sup>
10/27/2017	1:59:11	9.2	ug/m <sup>3</sup>
10/27/2017	2:00:11	9.2	ug/m <sup>3</sup>
10/27/2017	2:01:11	8.7	ug/m <sup>3</sup>
10/27/2017	2:02:11	8.4	ug/m <sup>3</sup>
10/27/2017	2:03:11	8.6	ug/m <sup>3</sup>
10/27/2017	2:04:11	8.6	ug/m <sup>3</sup>
10/27/2017	2:05:11	8.7	ug/m <sup>3</sup>
10/27/2017	2:06:11	8.8	ug/m <sup>3</sup>
10/27/2017	2:07:11	8.9	ug/m <sup>3</sup>
10/27/2017	2:08:11	8.3	ug/m <sup>3</sup>
10/27/2017	2:09:11	8.9	ug/m <sup>3</sup>
10/27/2017	2:10:11	8.4	ug/m <sup>3</sup>
10/27/2017	2:11:11	8.5	ug/m <sup>3</sup>
10/27/2017	2:12:11	8.3	ug/m <sup>3</sup>
10/27/2017	2:13:11	8.1	ug/m <sup>3</sup>
10/27/2017	2:14:11	7.5	ug/m <sup>3</sup>
10/27/2017	2:15:11	7.9	ug/m <sup>3</sup>
10/27/2017	2:16:11	7.5	ug/m <sup>3</sup>
10/27/2017	2:17:11	7.7	ug/m <sup>3</sup>
10/27/2017	2:18:11	8.3	ug/m <sup>3</sup>
10/27/2017	2:19:11	7.3	ug/m <sup>3</sup>
10/27/2017	2:20:11	7.7	ug/m <sup>3</sup>
10/27/2017	2:21:11	7.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/27/2017	2:22:11	7.6	ug/m <sup>3</sup>
10/27/2017	2:23:11	7.4	ug/m <sup>3</sup>
10/27/2017	2:24:11	7.1	ug/m <sup>3</sup>
10/27/2017	2:25:11	7.4	ug/m <sup>3</sup>
10/27/2017	2:26:11	7.6	ug/m <sup>3</sup>
10/27/2017	2:27:11	7.6	ug/m <sup>3</sup>
10/27/2017	2:28:11	7	ug/m <sup>3</sup>
10/27/2017	2:29:11	7.2	ug/m <sup>3</sup>
10/27/2017	2:30:11	6.6	ug/m <sup>3</sup>
10/27/2017	2:31:11	6.9	ug/m <sup>3</sup>
10/27/2017	2:32:11	6.9	ug/m <sup>3</sup>
10/27/2017	2:33:11	6.9	ug/m <sup>3</sup>
10/27/2017	2:34:11	6.8	ug/m <sup>3</sup>
10/27/2017	2:35:11	7	ug/m <sup>3</sup>
10/27/2017	2:36:11	6.4	ug/m <sup>3</sup>
10/27/2017	2:37:11	6.8	ug/m <sup>3</sup>
10/27/2017	2:38:11	6.9	ug/m <sup>3</sup>
10/27/2017	2:39:11	6.9	ug/m <sup>3</sup>
10/27/2017	2:40:11	6.7	ug/m <sup>3</sup>
10/27/2017	2:41:11	6.9	ug/m <sup>3</sup>
10/27/2017	2:42:11	7.3	ug/m <sup>3</sup>
10/27/2017	2:43:11	6.7	ug/m <sup>3</sup>
10/27/2017	2:44:11	6.8	ug/m <sup>3</sup>
10/27/2017	2:45:11	7.1	ug/m <sup>3</sup>
10/27/2017	2:46:11	6.4	ug/m <sup>3</sup>
10/27/2017	2:47:11	6.2	ug/m <sup>3</sup>
10/27/2017	2:48:11	6.4	ug/m <sup>3</sup>
10/27/2017	2:49:11	6.3	ug/m <sup>3</sup>
10/27/2017	2:50:11	7.1	ug/m <sup>3</sup>
10/27/2017	2:51:11	6.7	ug/m <sup>3</sup>
10/27/2017	2:52:11	6.3	ug/m <sup>3</sup>
10/27/2017	2:53:11	7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	2:54:11	6.6	ug/m <sup>3</sup>
10/27/2017	2:55:11	6.4	ug/m <sup>3</sup>
10/27/2017	2:56:11	6.4	ug/m <sup>3</sup>
10/27/2017	2:57:11	6.2	ug/m <sup>3</sup>
10/27/2017	2:58:11	6.1	ug/m <sup>3</sup>
10/27/2017	2:59:11	6.3	ug/m <sup>3</sup>
10/27/2017	3:00:11	5.9	ug/m <sup>3</sup>
10/27/2017	3:01:11	6.1	ug/m <sup>3</sup>
10/27/2017	3:02:11	6.4	ug/m <sup>3</sup>
10/27/2017	3:03:11	6.1	ug/m <sup>3</sup>
10/27/2017	3:04:11	5.9	ug/m <sup>3</sup>
10/27/2017	3:05:11	6.6	ug/m <sup>3</sup>
10/27/2017	3:06:11	6.1	ug/m <sup>3</sup>
10/27/2017	3:07:11	6.1	ug/m <sup>3</sup>
10/27/2017	3:08:11	5.8	ug/m <sup>3</sup>
10/27/2017	3:09:11	5.8	ug/m <sup>3</sup>
10/27/2017	3:10:11	5.9	ug/m <sup>3</sup>
10/27/2017	3:11:11	6.1	ug/m <sup>3</sup>
10/27/2017	3:12:11	5.5	ug/m <sup>3</sup>
10/27/2017	3:13:11	5.9	ug/m <sup>3</sup>
10/27/2017	3:14:11	6	ug/m <sup>3</sup>
10/27/2017	3:15:11	6.1	ug/m <sup>3</sup>
10/27/2017	3:16:11	6	ug/m <sup>3</sup>
10/27/2017	3:17:11	6.3	ug/m <sup>3</sup>
10/27/2017	3:18:11	6.4	ug/m <sup>3</sup>
10/27/2017	3:19:11	6	ug/m <sup>3</sup>
10/27/2017	3:20:11	6	ug/m <sup>3</sup>
10/27/2017	3:21:11	6.6	ug/m <sup>3</sup>
10/27/2017	3:22:11	5.5	ug/m <sup>3</sup>
10/27/2017	3:23:11	5.7	ug/m <sup>3</sup>
10/27/2017	3:24:11	6.3	ug/m <sup>3</sup>
10/27/2017	3:25:11	5.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	3:26:11	5.4	ug/m <sup>3</sup>
10/27/2017	3:27:11	6.1	ug/m <sup>3</sup>
10/27/2017	3:28:11	5.9	ug/m <sup>3</sup>
10/27/2017	3:29:11	6	ug/m <sup>3</sup>
10/27/2017	3:30:11	6	ug/m <sup>3</sup>
10/27/2017	3:31:11	6.4	ug/m <sup>3</sup>
10/27/2017	3:32:11	5.9	ug/m <sup>3</sup>
10/27/2017	3:33:11	6	ug/m <sup>3</sup>
10/27/2017	3:34:11	6.3	ug/m <sup>3</sup>
10/27/2017	3:35:11	5.9	ug/m <sup>3</sup>
10/27/2017	3:36:11	7.3	ug/m <sup>3</sup>
10/27/2017	3:37:11	6.4	ug/m <sup>3</sup>
10/27/2017	3:38:11	5.9	ug/m <sup>3</sup>
10/27/2017	3:39:11	5.9	ug/m <sup>3</sup>
10/27/2017	3:40:11	6.6	ug/m <sup>3</sup>
10/27/2017	3:41:11	6.7	ug/m <sup>3</sup>
10/27/2017	3:42:11	6.5	ug/m <sup>3</sup>
10/27/2017	3:43:11	6.2	ug/m <sup>3</sup>
10/27/2017	3:44:11	6.6	ug/m <sup>3</sup>
10/27/2017	3:45:11	6.6	ug/m <sup>3</sup>
10/27/2017	3:46:11	6.8	ug/m <sup>3</sup>
10/27/2017	3:47:11	6.6	ug/m <sup>3</sup>
10/27/2017	3:48:11	6.7	ug/m <sup>3</sup>
10/27/2017	3:49:11	6.6	ug/m <sup>3</sup>
10/27/2017	3:50:11	6.9	ug/m <sup>3</sup>
10/27/2017	3:51:11	6.7	ug/m <sup>3</sup>
10/27/2017	3:52:11	7	ug/m <sup>3</sup>
10/27/2017	3:53:11	6.5	ug/m <sup>3</sup>
10/27/2017	3:54:11	6.5	ug/m <sup>3</sup>
10/27/2017	3:55:11	6.7	ug/m <sup>3</sup>
10/27/2017	3:56:11	6.9	ug/m <sup>3</sup>
10/27/2017	3:57:11	7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	3:58:11	6.6	ug/m <sup>3</sup>
10/27/2017	3:59:11	7.8	ug/m <sup>3</sup>
10/27/2017	4:00:11	6.9	ug/m <sup>3</sup>
10/27/2017	4:01:11	6.5	ug/m <sup>3</sup>
10/27/2017	4:02:11	6.6	ug/m <sup>3</sup>
10/27/2017	4:03:11	7	ug/m <sup>3</sup>
10/27/2017	4:04:11	7	ug/m <sup>3</sup>
10/27/2017	4:05:11	6.8	ug/m <sup>3</sup>
10/27/2017	4:06:11	7.3	ug/m <sup>3</sup>
10/27/2017	4:07:11	7.2	ug/m <sup>3</sup>
10/27/2017	4:08:11	7.5	ug/m <sup>3</sup>
10/27/2017	4:09:11	7.8	ug/m <sup>3</sup>
10/27/2017	4:10:11	7.6	ug/m <sup>3</sup>
10/27/2017	4:11:11	7.7	ug/m <sup>3</sup>
10/27/2017	4:12:11	7.5	ug/m <sup>3</sup>
10/27/2017	4:13:11	7.6	ug/m <sup>3</sup>
10/27/2017	4:14:11	7.7	ug/m <sup>3</sup>
10/27/2017	4:15:11	7.5	ug/m <sup>3</sup>
10/27/2017	4:16:11	7.3	ug/m <sup>3</sup>
10/27/2017	4:17:11	7.9	ug/m <sup>3</sup>
10/27/2017	4:18:11	7.7	ug/m <sup>3</sup>
10/27/2017	4:19:11	7.4	ug/m <sup>3</sup>
10/27/2017	4:20:11	7.6	ug/m <sup>3</sup>
10/27/2017	4:21:11	7.8	ug/m <sup>3</sup>
10/27/2017	4:22:11	7.6	ug/m <sup>3</sup>
10/27/2017	4:23:11	7.5	ug/m <sup>3</sup>
10/27/2017	4:24:11	7.7	ug/m <sup>3</sup>
10/27/2017	4:25:11	7.6	ug/m <sup>3</sup>
10/27/2017	4:26:11	7.4	ug/m <sup>3</sup>
10/27/2017	4:27:11	7.6	ug/m <sup>3</sup>
10/27/2017	4:28:11	8.3	ug/m <sup>3</sup>
10/27/2017	4:29:11	8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	4:30:11	7.9	ug/m <sup>3</sup>
10/27/2017	4:31:11	8.1	ug/m <sup>3</sup>
10/27/2017	4:32:11	8	ug/m <sup>3</sup>
10/27/2017	4:33:11	7.9	ug/m <sup>3</sup>
10/27/2017	4:34:11	8	ug/m <sup>3</sup>
10/27/2017	4:35:11	7.9	ug/m <sup>3</sup>
10/27/2017	4:36:11	8.3	ug/m <sup>3</sup>
10/27/2017	4:37:11	8.3	ug/m <sup>3</sup>
10/27/2017	4:38:11	8.2	ug/m <sup>3</sup>
10/27/2017	4:39:11	8.3	ug/m <sup>3</sup>
10/27/2017	4:40:11	8.8	ug/m <sup>3</sup>
10/27/2017	4:41:11	8.5	ug/m <sup>3</sup>
10/27/2017	4:42:11	8.8	ug/m <sup>3</sup>
10/27/2017	4:43:11	8.9	ug/m <sup>3</sup>
10/27/2017	4:44:11	9.3	ug/m <sup>3</sup>
10/27/2017	4:45:11	8.9	ug/m <sup>3</sup>
10/27/2017	4:46:11	8.4	ug/m <sup>3</sup>
10/27/2017	4:47:11	8.4	ug/m <sup>3</sup>
10/27/2017	4:48:11	8.4	ug/m <sup>3</sup>
10/27/2017	4:49:11	8.5	ug/m <sup>3</sup>
10/27/2017	4:50:11	8.5	ug/m <sup>3</sup>
10/27/2017	4:51:11	8.5	ug/m <sup>3</sup>
10/27/2017	4:52:11	9.1	ug/m <sup>3</sup>
10/27/2017	4:53:11	8.7	ug/m <sup>3</sup>
10/27/2017	4:54:11	8.3	ug/m <sup>3</sup>
10/27/2017	4:55:11	8	ug/m <sup>3</sup>
10/27/2017	4:56:11	8.4	ug/m <sup>3</sup>
10/27/2017	4:57:11	8.3	ug/m <sup>3</sup>
10/27/2017	4:58:11	8.5	ug/m <sup>3</sup>
10/27/2017	4:59:11	8.3	ug/m <sup>3</sup>
10/27/2017	5:00:11	7.6	ug/m <sup>3</sup>
10/27/2017	5:01:11	7.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	5:02:11	7.7	ug/m <sup>3</sup>
10/27/2017	5:03:11	7.2	ug/m <sup>3</sup>
10/27/2017	5:04:11	7.6	ug/m <sup>3</sup>
10/27/2017	5:05:11	7.4	ug/m <sup>3</sup>
10/27/2017	5:06:11	7.4	ug/m <sup>3</sup>
10/27/2017	5:07:11	7.4	ug/m <sup>3</sup>
10/27/2017	5:08:11	7.4	ug/m <sup>3</sup>
10/27/2017	5:09:11	7.5	ug/m <sup>3</sup>
10/27/2017	5:10:11	7.3	ug/m <sup>3</sup>
10/27/2017	5:11:11	7.4	ug/m <sup>3</sup>
10/27/2017	5:12:11	7.2	ug/m <sup>3</sup>
10/27/2017	5:13:11	7	ug/m <sup>3</sup>
10/27/2017	5:14:11	7.1	ug/m <sup>3</sup>
10/27/2017	5:15:11	7.9	ug/m <sup>3</sup>
10/27/2017	5:16:11	7.4	ug/m <sup>3</sup>
10/27/2017	5:17:11	7.6	ug/m <sup>3</sup>
10/27/2017	5:18:11	7.2	ug/m <sup>3</sup>
10/27/2017	5:19:11	7.2	ug/m <sup>3</sup>
10/27/2017	5:20:11	7.8	ug/m <sup>3</sup>
10/27/2017	5:21:11	7.3	ug/m <sup>3</sup>
10/27/2017	5:22:11	7.2	ug/m <sup>3</sup>
10/27/2017	5:23:11	7.5	ug/m <sup>3</sup>
10/27/2017	5:24:11	7.2	ug/m <sup>3</sup>
10/27/2017	5:25:11	8	ug/m <sup>3</sup>
10/27/2017	5:26:11	7	ug/m <sup>3</sup>
10/27/2017	5:27:11	6.8	ug/m <sup>3</sup>
10/27/2017	5:28:11	6.6	ug/m <sup>3</sup>
10/27/2017	5:29:11	7.5	ug/m <sup>3</sup>
10/27/2017	5:30:11	7.9	ug/m <sup>3</sup>
10/27/2017	5:31:11	7	ug/m <sup>3</sup>
10/27/2017	5:32:11	6.8	ug/m <sup>3</sup>
10/27/2017	5:33:11	6.5	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	5:34:11	6.6	ug/m <sup>3</sup>
10/27/2017	5:35:11	6.5	ug/m <sup>3</sup>
10/27/2017	5:36:11	6.9	ug/m <sup>3</sup>
10/27/2017	5:37:11	6.4	ug/m <sup>3</sup>
10/27/2017	5:38:11	6.4	ug/m <sup>3</sup>
10/27/2017	5:39:11	6.4	ug/m <sup>3</sup>
10/27/2017	5:40:11	6.5	ug/m <sup>3</sup>
10/27/2017	5:41:11	6.3	ug/m <sup>3</sup>
10/27/2017	5:42:11	6.3	ug/m <sup>3</sup>
10/27/2017	5:43:11	6.4	ug/m <sup>3</sup>
10/27/2017	5:44:11	6.5	ug/m <sup>3</sup>
10/27/2017	5:45:11	6.4	ug/m <sup>3</sup>
10/27/2017	5:46:11	6.5	ug/m <sup>3</sup>
10/27/2017	5:47:11	6.3	ug/m <sup>3</sup>
10/27/2017	5:48:11	6.7	ug/m <sup>3</sup>
10/27/2017	5:49:11	6.8	ug/m <sup>3</sup>
10/27/2017	5:50:11	7.2	ug/m <sup>3</sup>
10/27/2017	5:51:11	6.8	ug/m <sup>3</sup>
10/27/2017	5:52:11	6	ug/m <sup>3</sup>
10/27/2017	5:53:11	7.2	ug/m <sup>3</sup>
10/27/2017	5:54:11	6.3	ug/m <sup>3</sup>
10/27/2017	5:55:11	6.9	ug/m <sup>3</sup>
10/27/2017	5:56:11	6.7	ug/m <sup>3</sup>
10/27/2017	5:57:11	6.9	ug/m <sup>3</sup>
10/27/2017	5:58:11	6.4	ug/m <sup>3</sup>
10/27/2017	5:59:11	6.7	ug/m <sup>3</sup>
10/27/2017	6:00:11	7.1	ug/m <sup>3</sup>
10/27/2017	6:01:11	6.4	ug/m <sup>3</sup>
10/27/2017	6:02:11	7	ug/m <sup>3</sup>
10/27/2017	6:03:11	6.4	ug/m <sup>3</sup>
10/27/2017	6:04:11	6.7	ug/m <sup>3</sup>
10/27/2017	6:05:11	8.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/27/2017	6:06:11	7.2	ug/m <sup>3</sup>
10/27/2017	6:07:11	7.1	ug/m <sup>3</sup>
10/27/2017	6:08:11	6.7	ug/m <sup>3</sup>
10/27/2017	6:09:11	6.8	ug/m <sup>3</sup>
10/27/2017	6:10:11	6.6	ug/m <sup>3</sup>
10/27/2017	6:11:11	6.4	ug/m <sup>3</sup>
10/27/2017	6:12:11	6.7	ug/m <sup>3</sup>
10/27/2017	6:13:11	7.3	ug/m <sup>3</sup>
10/27/2017	6:14:11	6.7	ug/m <sup>3</sup>
10/27/2017	6:15:11	6	ug/m <sup>3</sup>
10/27/2017	6:16:11	8.1	ug/m <sup>3</sup>
10/27/2017	6:17:11	6.2	ug/m <sup>3</sup>
10/27/2017	6:18:11	6.1	ug/m <sup>3</sup>
10/27/2017	6:19:11	5.9	ug/m <sup>3</sup>
10/27/2017	6:20:11	5.7	ug/m <sup>3</sup>
10/27/2017	6:21:11	6.2	ug/m <sup>3</sup>
10/27/2017	6:22:11	6.6	ug/m <sup>3</sup>
10/27/2017	6:23:11	5.7	ug/m <sup>3</sup>
10/27/2017	6:24:11	7.9	ug/m <sup>3</sup>
10/27/2017	6:25:11	7.1	ug/m <sup>3</sup>
10/27/2017	6:26:11	5.9	ug/m <sup>3</sup>
10/27/2017	6:27:11	6.3	ug/m <sup>3</sup>
10/27/2017	6:28:11	6.4	ug/m <sup>3</sup>
10/27/2017	6:29:11	6.3	ug/m <sup>3</sup>
10/27/2017	6:30:11	6.2	ug/m <sup>3</sup>
10/27/2017	6:31:11	5.9	ug/m <sup>3</sup>
10/27/2017	6:32:11	5.7	ug/m <sup>3</sup>
10/27/2017	6:33:11	6.1	ug/m <sup>3</sup>
10/27/2017	6:34:11	5.9	ug/m <sup>3</sup>
10/27/2017	6:35:11	6.1	ug/m <sup>3</sup>
10/27/2017	6:36:11	6	ug/m <sup>3</sup>
10/27/2017	6:37:11	5.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/27/2017	6:38:11	6.2	ug/m <sup>3</sup>
10/27/2017	6:39:11	6	ug/m <sup>3</sup>
10/27/2017	6:40:11	5.9	ug/m <sup>3</sup>
10/27/2017	6:41:11	6.6	ug/m <sup>3</sup>
10/27/2017	6:42:11	6.8	ug/m <sup>3</sup>
10/27/2017	6:43:11	6.5	ug/m <sup>3</sup>
10/27/2017	6:44:11	6.4	ug/m <sup>3</sup>
10/27/2017	6:45:11	6.2	ug/m <sup>3</sup>
10/27/2017	6:46:11	6.5	ug/m <sup>3</sup>
10/27/2017	6:47:11	6.4	ug/m <sup>3</sup>
10/27/2017	6:48:11	6.2	ug/m <sup>3</sup>
10/27/2017	6:49:11	6.4	ug/m <sup>3</sup>
10/27/2017	6:50:11	7.5	ug/m <sup>3</sup>
10/27/2017	6:51:11	6.7	ug/m <sup>3</sup>
10/27/2017	6:52:11	6.2	ug/m <sup>3</sup>
10/27/2017	6:53:11	6.6	ug/m <sup>3</sup>
10/27/2017	6:54:11	8	ug/m <sup>3</sup>
10/27/2017	6:55:11	8.6	ug/m <sup>3</sup>
10/27/2017	6:56:11	6.9	ug/m <sup>3</sup>
10/27/2017	6:57:11	8.2	ug/m <sup>3</sup>
10/27/2017	6:58:11	7.5	ug/m <sup>3</sup>
10/27/2017	6:59:11	7.3	ug/m <sup>3</sup>
10/27/2017	7:00:11	13.1	ug/m <sup>3</sup>
10/27/2017	7:01:11	7.6	ug/m <sup>3</sup>
10/27/2017	7:02:11	6.1	ug/m <sup>3</sup>
10/27/2017	7:03:11	7	ug/m <sup>3</sup>
10/27/2017	7:04:11	5.9	ug/m <sup>3</sup>
10/27/2017	7:05:11	5.9	ug/m <sup>3</sup>
10/27/2017	7:06:11	6.3	ug/m <sup>3</sup>
10/27/2017	7:07:11	5.6	ug/m <sup>3</sup>
10/27/2017	7:08:11	6.1	ug/m <sup>3</sup>
10/27/2017	7:09:11	6.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	483.14 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	28.11 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	7:10:11	6.1	ug/m <sup>3</sup>
10/27/2017	7:11:11	6.1	ug/m <sup>3</sup>
10/27/2017	7:12:11	6.4	ug/m <sup>3</sup>
10/27/2017	7:13:11	6	ug/m <sup>3</sup>
10/27/2017	7:14:11	6.4	ug/m <sup>3</sup>
10/27/2017	7:15:11	6.4	ug/m <sup>3</sup>
10/27/2017	7:16:11	6.5	ug/m <sup>3</sup>
10/27/2017	7:17:11	7.4	ug/m <sup>3</sup>
10/27/2017	7:18:11	7.4	ug/m <sup>3</sup>
10/27/2017	7:19:11	5.9	ug/m <sup>3</sup>
10/27/2017	7:20:11	6.7	ug/m <sup>3</sup>
10/27/2017	7:21:11	6.6	ug/m <sup>3</sup>
10/27/2017	7:22:11	6.4	ug/m <sup>3</sup>
10/27/2017	7:23:11	6.5	ug/m <sup>3</sup>
10/27/2017	7:24:11	5.9	ug/m <sup>3</sup>
10/27/2017	7:25:11	6.1	ug/m <sup>3</sup>
10/27/2017	7:26:11	5.8	ug/m <sup>3</sup>
10/27/2017	7:27:11	5.6	ug/m <sup>3</sup>
10/27/2017	7:28:11	6.3	ug/m <sup>3</sup>
10/27/2017	7:29:11	5.8	ug/m <sup>3</sup>
10/27/2017	7:30:11	5.8	ug/m <sup>3</sup>
10/27/2017	7:31:11	5.7	ug/m <sup>3</sup>
10/27/2017	7:32:11	5.9	ug/m <sup>3</sup>
10/27/2017	7:33:11	5.8	ug/m <sup>3</sup>
10/27/2017	7:34:11	6.2	ug/m <sup>3</sup>
10/27/2017	7:35:11	5.7	ug/m <sup>3</sup>
10/27/2017	7:36:11	6.3	ug/m <sup>3</sup>
10/27/2017	7:37:11	6.2	ug/m <sup>3</sup>
10/27/2017	7:38:11	7	ug/m <sup>3</sup>
10/27/2017	7:39:11	6	ug/m <sup>3</sup>
10/27/2017	7:40:11	5.6	ug/m <sup>3</sup>
10/27/2017	7:41:11	6.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017			
Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/27/2017	7:42:11	5.9	ug/m <sup>3</sup>
10/27/2017	7:43:11	5.8	ug/m <sup>3</sup>
10/27/2017	7:44:11	6.3	ug/m <sup>3</sup>
10/27/2017	7:45:11	5.8	ug/m <sup>3</sup>
10/27/2017	7:46:11	6.2	ug/m <sup>3</sup>
10/27/2017	7:47:11	6.6	ug/m <sup>3</sup>
10/27/2017	7:48:11	6.1	ug/m <sup>3</sup>
10/27/2017	7:49:11	6.1	ug/m <sup>3</sup>
10/27/2017	7:50:11	6.4	ug/m <sup>3</sup>
10/27/2017	7:51:11	6	ug/m <sup>3</sup>
10/27/2017	7:52:11	6.2	ug/m <sup>3</sup>
10/27/2017	7:53:11	6.3	ug/m <sup>3</sup>
10/27/2017	7:54:11	5.8	ug/m <sup>3</sup>
10/27/2017	7:55:11	6	ug/m <sup>3</sup>
10/27/2017	7:56:11	10.9	ug/m <sup>3</sup>
10/27/2017	7:57:11	5.9	ug/m <sup>3</sup>
10/27/2017	7:58:11	6	ug/m <sup>3</sup>
10/27/2017	7:59:11	6.3	ug/m <sup>3</sup>
10/27/2017	8:00:11	6.5	ug/m <sup>3</sup>
10/27/2017	8:01:11	6	ug/m <sup>3</sup>
10/27/2017	8:02:11	6.6	ug/m <sup>3</sup>
10/27/2017	8:03:11	6.3	ug/m <sup>3</sup>
10/27/2017	8:04:11	6.1	ug/m <sup>3</sup>
10/27/2017	8:05:11	5.7	ug/m <sup>3</sup>
10/27/2017	8:06:11	6.2	ug/m <sup>3</sup>
10/27/2017	8:07:11	8.1	ug/m <sup>3</sup>
10/27/2017	8:08:11	7	ug/m <sup>3</sup>
10/27/2017	8:09:11	6.5	ug/m <sup>3</sup>
10/27/2017	8:10:11	6.6	ug/m <sup>3</sup>
10/27/2017	8:11:11	5.9	ug/m <sup>3</sup>
10/27/2017	8:12:11	6.3	ug/m <sup>3</sup>
10/27/2017	8:13:11	6.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/26/2017 to 10/27/2017 Latitude: 39.2278 Longitude: -81.51907			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		483.14 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		28.11 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/27/2017	8:14:11	6.5	ug/m <sup>3</sup>
10/27/2017	8:15:11	6.3	ug/m <sup>3</sup>
10/27/2017	8:16:11	6.3	ug/m <sup>3</sup>
10/27/2017	8:17:11	5.8	ug/m <sup>3</sup>
10/27/2017	8:18:11	7.5	ug/m <sup>3</sup>
10/27/2017	8:19:11	7.9	ug/m <sup>3</sup>
10/27/2017	8:20:11	6.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	21:00:29	5.2	ug/m <sup>3</sup>
10/27/2017	21:01:29	5.9	ug/m <sup>3</sup>
10/27/2017	21:02:29	5.8	ug/m <sup>3</sup>
10/27/2017	21:03:29	5.8	ug/m <sup>3</sup>
10/27/2017	21:04:29	5.5	ug/m <sup>3</sup>
10/27/2017	21:05:29	6.6	ug/m <sup>3</sup>
10/27/2017	21:06:29	8.6	ug/m <sup>3</sup>
10/27/2017	21:07:29	7	ug/m <sup>3</sup>
10/27/2017	21:08:29	6.2	ug/m <sup>3</sup>
10/27/2017	21:09:29	6.2	ug/m <sup>3</sup>
10/27/2017	21:10:29	6.1	ug/m <sup>3</sup>
10/27/2017	21:11:29	5.8	ug/m <sup>3</sup>
10/27/2017	21:12:29	6.2	ug/m <sup>3</sup>
10/27/2017	21:13:29	6.9	ug/m <sup>3</sup>
10/27/2017	21:14:29	7	ug/m <sup>3</sup>
10/27/2017	21:15:29	6.1	ug/m <sup>3</sup>
10/27/2017	21:16:29	5.8	ug/m <sup>3</sup>
10/27/2017	21:17:29	6.2	ug/m <sup>3</sup>
10/27/2017	21:18:29	6.2	ug/m <sup>3</sup>
10/27/2017	21:19:29	6.2	ug/m <sup>3</sup>
10/27/2017	21:20:29	6.8	ug/m <sup>3</sup>
10/27/2017	21:21:29	6.5	ug/m <sup>3</sup>
10/27/2017	21:22:29	6.1	ug/m <sup>3</sup>
10/27/2017	21:23:29	5.8	ug/m <sup>3</sup>
10/27/2017	21:24:29	6.3	ug/m <sup>3</sup>
10/27/2017	21:25:29	6.4	ug/m <sup>3</sup>
10/27/2017	21:26:29	6.1	ug/m <sup>3</sup>
10/27/2017	21:27:29	6.6	ug/m <sup>3</sup>
10/27/2017	21:28:29	6.8	ug/m <sup>3</sup>
10/27/2017	21:29:29	6.3	ug/m <sup>3</sup>
10/27/2017	21:30:29	6.2	ug/m <sup>3</sup>
10/27/2017	21:31:29	7.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	21:32:29	7.4	ug/m <sup>3</sup>
10/27/2017	21:33:29	6.5	ug/m <sup>3</sup>
10/27/2017	21:34:29	6.8	ug/m <sup>3</sup>
10/27/2017	21:35:29	6	ug/m <sup>3</sup>
10/27/2017	21:36:29	6.2	ug/m <sup>3</sup>
10/27/2017	21:37:29	6	ug/m <sup>3</sup>
10/27/2017	21:38:29	6.6	ug/m <sup>3</sup>
10/27/2017	21:39:29	7.8	ug/m <sup>3</sup>
10/27/2017	21:40:29	7	ug/m <sup>3</sup>
10/27/2017	21:41:29	7.5	ug/m <sup>3</sup>
10/27/2017	21:42:29	6.8	ug/m <sup>3</sup>
10/27/2017	21:43:29	6.9	ug/m <sup>3</sup>
10/27/2017	21:44:29	6.9	ug/m <sup>3</sup>
10/27/2017	21:45:29	7.4	ug/m <sup>3</sup>
10/27/2017	21:46:29	7.1	ug/m <sup>3</sup>
10/27/2017	21:47:29	6.8	ug/m <sup>3</sup>
10/27/2017	21:48:29	7.1	ug/m <sup>3</sup>
10/27/2017	21:49:29	6.8	ug/m <sup>3</sup>
10/27/2017	21:50:29	7.2	ug/m <sup>3</sup>
10/27/2017	21:51:29	7.4	ug/m <sup>3</sup>
10/27/2017	21:52:29	7.1	ug/m <sup>3</sup>
10/27/2017	21:53:29	7.5	ug/m <sup>3</sup>
10/27/2017	21:54:29	6.1	ug/m <sup>3</sup>
10/27/2017	21:55:29	6.7	ug/m <sup>3</sup>
10/27/2017	21:56:29	4.8	ug/m <sup>3</sup>
10/27/2017	21:57:29	6.2	ug/m <sup>3</sup>
10/27/2017	21:58:29	6.9	ug/m <sup>3</sup>
10/27/2017	21:59:29	7.5	ug/m <sup>3</sup>
10/27/2017	22:00:29	5.7	ug/m <sup>3</sup>
10/27/2017	22:01:29	5.1	ug/m <sup>3</sup>
10/27/2017	22:02:29	6.1	ug/m <sup>3</sup>
10/27/2017	22:03:29	6.4	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	22:04:29	5.6	ug/m <sup>3</sup>
10/27/2017	22:05:29	5.8	ug/m <sup>3</sup>
10/27/2017	22:06:29	5.2	ug/m <sup>3</sup>
10/27/2017	22:07:29	4.8	ug/m <sup>3</sup>
10/27/2017	22:08:29	4.4	ug/m <sup>3</sup>
10/27/2017	22:09:29	4.6	ug/m <sup>3</sup>
10/27/2017	22:10:29	5.3	ug/m <sup>3</sup>
10/27/2017	22:11:29	5.5	ug/m <sup>3</sup>
10/27/2017	22:12:29	6.7	ug/m <sup>3</sup>
10/27/2017	22:13:29	4.7	ug/m <sup>3</sup>
10/27/2017	22:14:29	5.1	ug/m <sup>3</sup>
10/27/2017	22:15:29	4.6	ug/m <sup>3</sup>
10/27/2017	22:16:29	3.9	ug/m <sup>3</sup>
10/27/2017	22:17:29	4.5	ug/m <sup>3</sup>
10/27/2017	22:18:29	4.9	ug/m <sup>3</sup>
10/27/2017	22:19:29	4.6	ug/m <sup>3</sup>
10/27/2017	22:20:29	4.1	ug/m <sup>3</sup>
10/27/2017	22:21:29	5.1	ug/m <sup>3</sup>
10/27/2017	22:22:29	5.3	ug/m <sup>3</sup>
10/27/2017	22:23:29	4.7	ug/m <sup>3</sup>
10/27/2017	22:24:29	5	ug/m <sup>3</sup>
10/27/2017	22:25:29	4.9	ug/m <sup>3</sup>
10/27/2017	22:26:29	5.3	ug/m <sup>3</sup>
10/27/2017	22:27:29	6	ug/m <sup>3</sup>
10/27/2017	22:28:29	5.7	ug/m <sup>3</sup>
10/27/2017	22:29:29	5.3	ug/m <sup>3</sup>
10/27/2017	22:30:29	5.3	ug/m <sup>3</sup>
10/27/2017	22:31:29	6.7	ug/m <sup>3</sup>
10/27/2017	22:32:29	8.2	ug/m <sup>3</sup>
10/27/2017	22:33:29	7.8	ug/m <sup>3</sup>
10/27/2017	22:34:29	5.7	ug/m <sup>3</sup>
10/27/2017	22:35:29	5.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	22:36:29	5.6	ug/m <sup>3</sup>
10/27/2017	22:37:29	5.4	ug/m <sup>3</sup>
10/27/2017	22:38:29	7.9	ug/m <sup>3</sup>
10/27/2017	22:39:29	5	ug/m <sup>3</sup>
10/27/2017	22:40:29	4.3	ug/m <sup>3</sup>
10/27/2017	22:41:29	5.5	ug/m <sup>3</sup>
10/27/2017	22:42:29	4	ug/m <sup>3</sup>
10/27/2017	22:43:29	4.5	ug/m <sup>3</sup>
10/27/2017	22:44:29	4.8	ug/m <sup>3</sup>
10/27/2017	22:45:29	4.4	ug/m <sup>3</sup>
10/27/2017	22:46:29	3.9	ug/m <sup>3</sup>
10/27/2017	22:47:29	3.2	ug/m <sup>3</sup>
10/27/2017	22:48:29	4.4	ug/m <sup>3</sup>
10/27/2017	22:49:29	4.6	ug/m <sup>3</sup>
10/27/2017	22:50:29	4	ug/m <sup>3</sup>
10/27/2017	22:51:29	3.9	ug/m <sup>3</sup>
10/27/2017	22:52:29	4.5	ug/m <sup>3</sup>
10/27/2017	22:53:29	4.2	ug/m <sup>3</sup>
10/27/2017	22:54:29	3.4	ug/m <sup>3</sup>
10/27/2017	22:55:29	4.7	ug/m <sup>3</sup>
10/27/2017	22:56:29	4.4	ug/m <sup>3</sup>
10/27/2017	22:57:29	3.6	ug/m <sup>3</sup>
10/27/2017	22:58:29	3.9	ug/m <sup>3</sup>
10/27/2017	22:59:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:00:29	3.5	ug/m <sup>3</sup>
10/27/2017	23:01:29	3.6	ug/m <sup>3</sup>
10/27/2017	23:02:29	3.4	ug/m <sup>3</sup>
10/27/2017	23:03:29	3.3	ug/m <sup>3</sup>
10/27/2017	23:04:29	3.5	ug/m <sup>3</sup>
10/27/2017	23:05:29	3.4	ug/m <sup>3</sup>
10/27/2017	23:06:29	3.5	ug/m <sup>3</sup>
10/27/2017	23:07:29	3.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	23:08:29	6.2	ug/m <sup>3</sup>
10/27/2017	23:09:29	3.6	ug/m <sup>3</sup>
10/27/2017	23:10:29	4	ug/m <sup>3</sup>
10/27/2017	23:11:29	3.6	ug/m <sup>3</sup>
10/27/2017	23:12:29	4.6	ug/m <sup>3</sup>
10/27/2017	23:13:29	3.5	ug/m <sup>3</sup>
10/27/2017	23:14:29	3.6	ug/m <sup>3</sup>
10/27/2017	23:15:29	3.4	ug/m <sup>3</sup>
10/27/2017	23:16:29	3.5	ug/m <sup>3</sup>
10/27/2017	23:17:29	3.4	ug/m <sup>3</sup>
10/27/2017	23:18:29	4	ug/m <sup>3</sup>
10/27/2017	23:19:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:20:29	3.3	ug/m <sup>3</sup>
10/27/2017	23:21:29	4.4	ug/m <sup>3</sup>
10/27/2017	23:22:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:23:29	3.8	ug/m <sup>3</sup>
10/27/2017	23:24:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:25:29	3.5	ug/m <sup>3</sup>
10/27/2017	23:26:29	3.8	ug/m <sup>3</sup>
10/27/2017	23:27:29	4.6	ug/m <sup>3</sup>
10/27/2017	23:28:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:29:29	4.1	ug/m <sup>3</sup>
10/27/2017	23:30:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:31:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:32:29	4	ug/m <sup>3</sup>
10/27/2017	23:33:29	3.7	ug/m <sup>3</sup>
10/27/2017	23:34:29	3.8	ug/m <sup>3</sup>
10/27/2017	23:35:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:36:29	4.1	ug/m <sup>3</sup>
10/27/2017	23:37:29	4	ug/m <sup>3</sup>
10/27/2017	23:38:29	4	ug/m <sup>3</sup>
10/27/2017	23:39:29	3.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/27/2017	23:40:29	4.3	ug/m <sup>3</sup>
10/27/2017	23:41:29	4.1	ug/m <sup>3</sup>
10/27/2017	23:42:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:43:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:44:29	4	ug/m <sup>3</sup>
10/27/2017	23:45:29	4.1	ug/m <sup>3</sup>
10/27/2017	23:46:29	4	ug/m <sup>3</sup>
10/27/2017	23:47:29	4.1	ug/m <sup>3</sup>
10/27/2017	23:48:29	4.9	ug/m <sup>3</sup>
10/27/2017	23:49:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:50:29	4	ug/m <sup>3</sup>
10/27/2017	23:51:29	3.8	ug/m <sup>3</sup>
10/27/2017	23:52:29	4.3	ug/m <sup>3</sup>
10/27/2017	23:53:29	4.1	ug/m <sup>3</sup>
10/27/2017	23:54:29	4	ug/m <sup>3</sup>
10/27/2017	23:55:29	3.9	ug/m <sup>3</sup>
10/27/2017	23:56:29	3.5	ug/m <sup>3</sup>
10/27/2017	23:57:29	3.6	ug/m <sup>3</sup>
10/27/2017	23:58:29	4.4	ug/m <sup>3</sup>
10/27/2017	23:59:29	4.3	ug/m <sup>3</sup>
10/28/2017	0:00:29	4	ug/m <sup>3</sup>
10/28/2017	0:01:29	3.9	ug/m <sup>3</sup>
10/28/2017	0:02:29	3.8	ug/m <sup>3</sup>
10/28/2017	0:03:29	3.7	ug/m <sup>3</sup>
10/28/2017	0:04:29	3.4	ug/m <sup>3</sup>
10/28/2017	0:05:29	3.3	ug/m <sup>3</sup>
10/28/2017	0:06:29	3.5	ug/m <sup>3</sup>
10/28/2017	0:07:29	3.7	ug/m <sup>3</sup>
10/28/2017	0:08:29	4.3	ug/m <sup>3</sup>
10/28/2017	0:09:29	3.9	ug/m <sup>3</sup>
10/28/2017	0:10:29	4.2	ug/m <sup>3</sup>
10/28/2017	0:11:29	4.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/28/2017	0:12:29	3.9	ug/m <sup>3</sup>
10/28/2017	0:13:29	4	ug/m <sup>3</sup>
10/28/2017	0:14:29	4.1	ug/m <sup>3</sup>
10/28/2017	0:15:29	4.4	ug/m <sup>3</sup>
10/28/2017	0:16:29	3.7	ug/m <sup>3</sup>
10/28/2017	0:17:29	4	ug/m <sup>3</sup>
10/28/2017	0:18:29	4.1	ug/m <sup>3</sup>
10/28/2017	0:19:29	3.8	ug/m <sup>3</sup>
10/28/2017	0:20:29	4	ug/m <sup>3</sup>
10/28/2017	0:21:29	4	ug/m <sup>3</sup>
10/28/2017	0:22:29	4	ug/m <sup>3</sup>
10/28/2017	0:23:29	3.6	ug/m <sup>3</sup>
10/28/2017	0:24:29	3.8	ug/m <sup>3</sup>
10/28/2017	0:25:29	3.6	ug/m <sup>3</sup>
10/28/2017	0:26:29	3.9	ug/m <sup>3</sup>
10/28/2017	0:27:29	3.9	ug/m <sup>3</sup>
10/28/2017	0:28:29	3.9	ug/m <sup>3</sup>
10/28/2017	0:29:29	4	ug/m <sup>3</sup>
10/28/2017	0:30:29	4	ug/m <sup>3</sup>
10/28/2017	0:31:29	4	ug/m <sup>3</sup>
10/28/2017	0:32:29	3.9	ug/m <sup>3</sup>
10/28/2017	0:33:29	4	ug/m <sup>3</sup>
10/28/2017	0:34:29	4	ug/m <sup>3</sup>
10/28/2017	0:35:29	4.3	ug/m <sup>3</sup>
10/28/2017	0:36:29	3.8	ug/m <sup>3</sup>
10/28/2017	0:37:29	4.4	ug/m <sup>3</sup>
10/28/2017	0:38:29	4.1	ug/m <sup>3</sup>
10/28/2017	0:39:29	4.1	ug/m <sup>3</sup>
10/28/2017	0:40:29	4.5	ug/m <sup>3</sup>
10/28/2017	0:41:29	4.5	ug/m <sup>3</sup>
10/28/2017	0:42:29	10	ug/m <sup>3</sup>
10/28/2017	0:43:29	18.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/28/2017	0:44:29	18.6	ug/m <sup>3</sup>
10/28/2017	0:45:29	15.8	ug/m <sup>3</sup>
10/28/2017	0:46:29	14.7	ug/m <sup>3</sup>
10/28/2017	0:47:29	11.5	ug/m <sup>3</sup>
10/28/2017	0:48:29	11.1	ug/m <sup>3</sup>
10/28/2017	0:49:29	9.8	ug/m <sup>3</sup>
10/28/2017	0:50:29	11.4	ug/m <sup>3</sup>
10/28/2017	0:51:29	12.9	ug/m <sup>3</sup>
10/28/2017	0:52:29	12.4	ug/m <sup>3</sup>
10/28/2017	0:53:29	11.9	ug/m <sup>3</sup>
10/28/2017	0:54:29	10.9	ug/m <sup>3</sup>
10/28/2017	0:55:29	10.7	ug/m <sup>3</sup>
10/28/2017	0:56:29	9.7	ug/m <sup>3</sup>
10/28/2017	0:57:29	8.9	ug/m <sup>3</sup>
10/28/2017	0:58:29	8.7	ug/m <sup>3</sup>
10/28/2017	0:59:29	8	ug/m <sup>3</sup>
10/28/2017	1:00:29	7.5	ug/m <sup>3</sup>
10/28/2017	1:01:29	8.3	ug/m <sup>3</sup>
10/28/2017	1:02:29	8.1	ug/m <sup>3</sup>
10/28/2017	1:03:29	8.3	ug/m <sup>3</sup>
10/28/2017	1:04:29	7.5	ug/m <sup>3</sup>
10/28/2017	1:05:29	8.1	ug/m <sup>3</sup>
10/28/2017	1:06:29	7.5	ug/m <sup>3</sup>
10/28/2017	1:07:29	7.5	ug/m <sup>3</sup>
10/28/2017	1:08:29	6.9	ug/m <sup>3</sup>
10/28/2017	1:09:29	6.9	ug/m <sup>3</sup>
10/28/2017	1:10:29	6.7	ug/m <sup>3</sup>
10/28/2017	1:11:29	6.4	ug/m <sup>3</sup>
10/28/2017	1:12:29	6.2	ug/m <sup>3</sup>
10/28/2017	1:13:29	6.3	ug/m <sup>3</sup>
10/28/2017	1:14:29	6.4	ug/m <sup>3</sup>
10/28/2017	1:15:29	6.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/28/2017	1:16:29	6.7	ug/m <sup>3</sup>
10/28/2017	1:17:29	7.5	ug/m <sup>3</sup>
10/28/2017	1:18:29	6.4	ug/m <sup>3</sup>
10/28/2017	1:19:29	8	ug/m <sup>3</sup>
10/28/2017	1:20:29	8.9	ug/m <sup>3</sup>
10/28/2017	1:21:29	12.6	ug/m <sup>3</sup>
10/28/2017	1:22:29	22.9	ug/m <sup>3</sup>
10/28/2017	1:23:29	34.3	ug/m <sup>3</sup>
10/28/2017	1:24:29	26.9	ug/m <sup>3</sup>
10/28/2017	1:25:29	19.5	ug/m <sup>3</sup>
10/28/2017	1:26:29	23.7	ug/m <sup>3</sup>
10/28/2017	1:27:29	27.7	ug/m <sup>3</sup>
10/28/2017	1:28:29	24.6	ug/m <sup>3</sup>
10/28/2017	1:29:29	15.8	ug/m <sup>3</sup>
10/28/2017	1:30:29	21.7	ug/m <sup>3</sup>
10/28/2017	1:31:29	21.6	ug/m <sup>3</sup>
10/28/2017	1:32:29	20.8	ug/m <sup>3</sup>
10/28/2017	1:33:29	16.9	ug/m <sup>3</sup>
10/28/2017	1:34:29	13.7	ug/m <sup>3</sup>
10/28/2017	1:35:29	11.8	ug/m <sup>3</sup>
10/28/2017	1:36:29	11.3	ug/m <sup>3</sup>
10/28/2017	1:37:29	11.1	ug/m <sup>3</sup>
10/28/2017	1:38:29	10	ug/m <sup>3</sup>
10/28/2017	1:39:29	14.4	ug/m <sup>3</sup>
10/28/2017	1:40:29	11.7	ug/m <sup>3</sup>
10/28/2017	1:41:29	12.2	ug/m <sup>3</sup>
10/28/2017	1:42:29	12.8	ug/m <sup>3</sup>
10/28/2017	1:43:29	11.2	ug/m <sup>3</sup>
10/28/2017	1:44:29	10.1	ug/m <sup>3</sup>
10/28/2017	1:45:29	8.4	ug/m <sup>3</sup>
10/28/2017	1:46:29	7.5	ug/m <sup>3</sup>
10/28/2017	1:47:29	8.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/28/2017	1:48:29	10.1	ug/m <sup>3</sup>
10/28/2017	1:49:29	11	ug/m <sup>3</sup>
10/28/2017	1:50:29	6.7	ug/m <sup>3</sup>
10/28/2017	1:51:29	5.5	ug/m <sup>3</sup>
10/28/2017	1:52:29	8.7	ug/m <sup>3</sup>
10/28/2017	1:53:29	10.2	ug/m <sup>3</sup>
10/28/2017	1:54:29	9.4	ug/m <sup>3</sup>
10/28/2017	1:55:29	12.6	ug/m <sup>3</sup>
10/28/2017	1:56:29	29.5	ug/m <sup>3</sup>
10/28/2017	1:57:29	42.6	ug/m <sup>3</sup>
10/28/2017	1:58:29	19.1	ug/m <sup>3</sup>
10/28/2017	1:59:29	20.1	ug/m <sup>3</sup>
10/28/2017	2:00:29	27	ug/m <sup>3</sup>
10/28/2017	2:01:29	16.9	ug/m <sup>3</sup>
10/28/2017	2:02:29	18	ug/m <sup>3</sup>
10/28/2017	2:03:29	19.4	ug/m <sup>3</sup>
10/28/2017	2:04:29	19.7	ug/m <sup>3</sup>
10/28/2017	2:05:29	19.9	ug/m <sup>3</sup>
10/28/2017	2:06:29	16.9	ug/m <sup>3</sup>
10/28/2017	2:07:29	22.2	ug/m <sup>3</sup>
10/28/2017	2:08:29	27.9	ug/m <sup>3</sup>
10/28/2017	2:09:29	21.5	ug/m <sup>3</sup>
10/28/2017	2:10:29	23.3	ug/m <sup>3</sup>
10/28/2017	2:11:29	15.6	ug/m <sup>3</sup>
10/28/2017	2:12:29	12.1	ug/m <sup>3</sup>
10/28/2017	2:13:29	13.2	ug/m <sup>3</sup>
10/28/2017	2:14:29	11	ug/m <sup>3</sup>
10/28/2017	2:15:29	10.5	ug/m <sup>3</sup>
10/28/2017	2:16:29	10.3	ug/m <sup>3</sup>
10/28/2017	2:17:29	10.3	ug/m <sup>3</sup>
10/28/2017	2:18:29	10.8	ug/m <sup>3</sup>
10/28/2017	2:19:29	10.7	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:		23 hours, 2 minutes	
Maximum Reading:		42.58 ug/m <sup>3</sup>	
Time Weighted Average (TWA):		9.39 ug/m <sup>3</sup>	
Instrument Readings			
Date	Time	Result	Units
10/28/2017	2:20:29	10.7	ug/m <sup>3</sup>
10/28/2017	2:21:29	10.4	ug/m <sup>3</sup>
10/28/2017	2:22:29	9.4	ug/m <sup>3</sup>
10/28/2017	2:23:29	10	ug/m <sup>3</sup>
10/28/2017	2:24:29	11.2	ug/m <sup>3</sup>
10/28/2017	2:25:29	10.5	ug/m <sup>3</sup>
10/28/2017	2:26:29	10.2	ug/m <sup>3</sup>
10/28/2017	2:27:29	10.3	ug/m <sup>3</sup>
10/28/2017	2:28:29	10.9	ug/m <sup>3</sup>
10/28/2017	2:29:29	10.5	ug/m <sup>3</sup>
10/28/2017	2:30:29	10.7	ug/m <sup>3</sup>
10/28/2017	2:31:29	10.7	ug/m <sup>3</sup>
10/28/2017	2:32:29	10.1	ug/m <sup>3</sup>
10/28/2017	2:33:29	10.2	ug/m <sup>3</sup>
10/28/2017	2:34:29	10.1	ug/m <sup>3</sup>
10/28/2017	2:35:29	11.2	ug/m <sup>3</sup>
10/28/2017	2:36:29	10.6	ug/m <sup>3</sup>
10/28/2017	2:37:29	10.8	ug/m <sup>3</sup>
10/28/2017	2:38:29	11.1	ug/m <sup>3</sup>
10/28/2017	2:39:29	11	ug/m <sup>3</sup>
10/28/2017	2:40:29	11.9	ug/m <sup>3</sup>
10/28/2017	2:41:29	13.1	ug/m <sup>3</sup>
10/28/2017	2:42:29	12.4	ug/m <sup>3</sup>
10/28/2017	2:43:29	11.4	ug/m <sup>3</sup>
10/28/2017	2:44:29	12.5	ug/m <sup>3</sup>
10/28/2017	2:45:29	12.6	ug/m <sup>3</sup>
10/28/2017	2:46:29	13.1	ug/m <sup>3</sup>
10/28/2017	2:47:29	13.2	ug/m <sup>3</sup>
10/28/2017	2:48:29	12.3	ug/m <sup>3</sup>
10/28/2017	2:49:29	13.1	ug/m <sup>3</sup>
10/28/2017	2:50:29	12.5	ug/m <sup>3</sup>
10/28/2017	2:51:29	13.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/28/2017	2:52:29	13.6	ug/m <sup>3</sup>
10/28/2017	2:53:29	13.1	ug/m <sup>3</sup>
10/28/2017	2:54:29	14	ug/m <sup>3</sup>
10/28/2017	2:55:29	14.4	ug/m <sup>3</sup>
10/28/2017	2:56:29	14.7	ug/m <sup>3</sup>
10/28/2017	2:57:29	14.7	ug/m <sup>3</sup>
10/28/2017	2:58:29	13.9	ug/m <sup>3</sup>
10/28/2017	2:59:29	14.3	ug/m <sup>3</sup>
10/28/2017	3:00:29	14.5	ug/m <sup>3</sup>
10/28/2017	3:01:29	14.1	ug/m <sup>3</sup>
10/28/2017	3:02:29	15.5	ug/m <sup>3</sup>
10/28/2017	3:03:29	14.3	ug/m <sup>3</sup>
10/28/2017	3:04:29	14.6	ug/m <sup>3</sup>
10/28/2017	3:05:29	15.2	ug/m <sup>3</sup>
10/28/2017	3:06:29	14.9	ug/m <sup>3</sup>
10/28/2017	3:07:29	15.6	ug/m <sup>3</sup>
10/28/2017	3:08:29	16.1	ug/m <sup>3</sup>
10/28/2017	3:09:29	15.3	ug/m <sup>3</sup>
10/28/2017	3:10:29	15	ug/m <sup>3</sup>
10/28/2017	3:11:29	15.6	ug/m <sup>3</sup>
10/28/2017	3:12:29	16	ug/m <sup>3</sup>
10/28/2017	3:13:29	14.9	ug/m <sup>3</sup>
10/28/2017	3:14:29	14.6	ug/m <sup>3</sup>
10/28/2017	3:15:29	15.5	ug/m <sup>3</sup>
10/28/2017	3:16:29	15	ug/m <sup>3</sup>
10/28/2017	3:17:29	15.2	ug/m <sup>3</sup>
10/28/2017	3:18:29	14.9	ug/m <sup>3</sup>
10/28/2017	3:19:29	15	ug/m <sup>3</sup>
10/28/2017	3:20:29	16	ug/m <sup>3</sup>
10/28/2017	3:21:29	14.7	ug/m <sup>3</sup>
10/28/2017	3:22:29	14.7	ug/m <sup>3</sup>
10/28/2017	3:23:29	15.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/27/2017 to 10/28/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	23 hours, 2 minutes		
Maximum Reading:	42.58 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/28/2017	3:24:29	14.8	ug/m <sup>3</sup>
10/28/2017	3:25:29	15.5	ug/m <sup>3</sup>
10/28/2017	3:26:29	15.4	ug/m <sup>3</sup>
10/28/2017	3:27:29	14.9	ug/m <sup>3</sup>
10/28/2017	3:28:29	15.3	ug/m <sup>3</sup>
10/28/2017	3:29:29	15.6	ug/m <sup>3</sup>
10/28/2017	3:30:29	15.2	ug/m <sup>3</sup>
10/28/2017	3:31:29	15.7	ug/m <sup>3</sup>
10/28/2017	3:32:29	15.8	ug/m <sup>3</sup>
10/28/2017	3:33:29	15.5	ug/m <sup>3</sup>
10/28/2017	3:34:29	15.4	ug/m <sup>3</sup>
10/28/2017	3:35:29	15.1	ug/m <sup>3</sup>
10/28/2017	3:36:29	15.8	ug/m <sup>3</sup>
10/28/2017	3:37:29	15.6	ug/m <sup>3</sup>
10/28/2017	3:38:29	15.6	ug/m <sup>3</sup>
10/28/2017	3:39:29	15.6	ug/m <sup>3</sup>
10/28/2017	3:40:29	14.9	ug/m <sup>3</sup>
10/28/2017	3:41:29	15	ug/m <sup>3</sup>
10/28/2017	3:42:29	15.2	ug/m <sup>3</sup>
10/28/2017	3:43:29	15.2	ug/m <sup>3</sup>
10/28/2017	3:44:29	14.5	ug/m <sup>3</sup>
10/28/2017	3:45:29	14.5	ug/m <sup>3</sup>
10/28/2017	3:46:29	14.7	ug/m <sup>3</sup>
10/28/2017	3:47:29	14.8	ug/m <sup>3</sup>
10/28/2017	3:48:29	15.2	ug/m <sup>3</sup>
10/28/2017	3:49:29	14.5	ug/m <sup>3</sup>
10/28/2017	3:50:29	14.3	ug/m <sup>3</sup>
10/28/2017	3:51:29	15.2	ug/m <sup>3</sup>
10/28/2017	3:52:29	14.4	ug/m <sup>3</sup>
10/28/2017	3:53:29	15	ug/m <sup>3</sup>
10/28/2017	3:54:29	15.3	ug/m <sup>3</sup>
10/28/2017	3:55:29	14.7	ug/m <sup>3</sup>

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Time Weighted Average (TWA):	9.39 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/28/2017	3:56:29	14.6	ug/m <sup>3</sup>
10/28/2017	3:57:29	14.6	ug/m <sup>3</sup>
10/28/2017	3:58:29	14.1	ug/m <sup>3</sup>
10/28/2017	3:59:29	14.9	ug/m <sup>3</sup>
10/28/2017	4:00:29	15.1	ug/m <sup>3</sup>
10/28/2017	4:01:29	17.7	ug/m <sup>3</sup>
10/28/2017	4:02:29	16.3	ug/m <sup>3</sup>
10/28/2017	4:03:29	15.4	ug/m <sup>3</sup>
10/28/2017	4:04:29	16.5	ug/m <sup>3</sup>
10/28/2017	4:05:29	16.6	ug/m <sup>3</sup>
10/28/2017	4:06:29	16.1	ug/m <sup>3</sup>
10/28/2017	4:07:29	16.2	ug/m <sup>3</sup>
10/28/2017	4:08:29	16	ug/m <sup>3</sup>
10/28/2017	4:09:29	16.5	ug/m <sup>3</sup>
10/28/2017	4:10:29	16	ug/m <sup>3</sup>
10/28/2017	4:11:29	16.2	ug/m <sup>3</sup>
10/28/2017	4:12:29	16.6	ug/m <sup>3</sup>
10/28/2017	4:13:29	16	ug/m <sup>3</sup>
10/28/2017	4:14:29	16.1	ug/m <sup>3</sup>
10/28/2017	4:15:29	17.6	ug/m <sup>3</sup>
10/28/2017	4:16:29	16.7	ug/m <sup>3</sup>
10/28/2017	4:17:29	17.5	ug/m <sup>3</sup>
10/28/2017	4:18:29	17.4	ug/m <sup>3</sup>
10/28/2017	4:19:29	17.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	7:13:35	6.5	ug/m <sup>3</sup>
10/29/2017	7:14:35	6.9	ug/m <sup>3</sup>
10/29/2017	7:15:35	7	ug/m <sup>3</sup>
10/29/2017	7:16:35	7.1	ug/m <sup>3</sup>
10/29/2017	7:17:35	7.1	ug/m <sup>3</sup>
10/29/2017	7:18:35	7.6	ug/m <sup>3</sup>
10/29/2017	7:19:35	7.4	ug/m <sup>3</sup>
10/29/2017	7:20:35	7.7	ug/m <sup>3</sup>
10/29/2017	7:21:35	7.1	ug/m <sup>3</sup>
10/29/2017	7:22:35	7.9	ug/m <sup>3</sup>
10/29/2017	7:23:35	7.7	ug/m <sup>3</sup>
10/29/2017	7:24:35	8.1	ug/m <sup>3</sup>
10/29/2017	7:25:35	7.6	ug/m <sup>3</sup>
10/29/2017	7:26:35	7.9	ug/m <sup>3</sup>
10/29/2017	7:27:35	8.2	ug/m <sup>3</sup>
10/29/2017	7:28:35	8.2	ug/m <sup>3</sup>
10/29/2017	7:29:35	8.4	ug/m <sup>3</sup>
10/29/2017	7:30:35	8.4	ug/m <sup>3</sup>
10/29/2017	7:31:35	8.4	ug/m <sup>3</sup>
10/29/2017	7:32:35	7.8	ug/m <sup>3</sup>
10/29/2017	7:33:35	8.4	ug/m <sup>3</sup>
10/29/2017	7:34:35	8.6	ug/m <sup>3</sup>
10/29/2017	7:35:35	8.2	ug/m <sup>3</sup>
10/29/2017	7:36:35	8.6	ug/m <sup>3</sup>
10/29/2017	7:37:35	8.9	ug/m <sup>3</sup>
10/29/2017	7:38:35	8.7	ug/m <sup>3</sup>
10/29/2017	7:39:35	8.5	ug/m <sup>3</sup>
10/29/2017	7:40:35	8.9	ug/m <sup>3</sup>
10/29/2017	7:41:35	9.2	ug/m <sup>3</sup>
10/29/2017	7:42:35	9	ug/m <sup>3</sup>
10/29/2017	7:43:35	8.9	ug/m <sup>3</sup>
10/29/2017	7:44:35	8.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
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Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	7:45:35	8.9	ug/m <sup>3</sup>
10/29/2017	7:46:35	9	ug/m <sup>3</sup>
10/29/2017	7:47:35	9.1	ug/m <sup>3</sup>
10/29/2017	7:48:35	9.2	ug/m <sup>3</sup>
10/29/2017	7:49:35	9.3	ug/m <sup>3</sup>
10/29/2017	7:50:35	9.8	ug/m <sup>3</sup>
10/29/2017	7:51:35	9.5	ug/m <sup>3</sup>
10/29/2017	7:52:35	10	ug/m <sup>3</sup>
10/29/2017	7:53:35	9.4	ug/m <sup>3</sup>
10/29/2017	7:54:35	9.7	ug/m <sup>3</sup>
10/29/2017	7:55:35	9.7	ug/m <sup>3</sup>
10/29/2017	7:56:35	9.7	ug/m <sup>3</sup>
10/29/2017	7:57:35	9.9	ug/m <sup>3</sup>
10/29/2017	7:58:35	10.4	ug/m <sup>3</sup>
10/29/2017	7:59:35	10.3	ug/m <sup>3</sup>
10/29/2017	8:00:35	10.3	ug/m <sup>3</sup>
10/29/2017	8:01:35	9.8	ug/m <sup>3</sup>
10/29/2017	8:02:35	10.1	ug/m <sup>3</sup>
10/29/2017	8:03:35	10.6	ug/m <sup>3</sup>
10/29/2017	8:04:35	10.5	ug/m <sup>3</sup>
10/29/2017	8:05:35	10.5	ug/m <sup>3</sup>
10/29/2017	8:06:35	10.9	ug/m <sup>3</sup>
10/29/2017	8:07:35	11.2	ug/m <sup>3</sup>
10/29/2017	8:08:35	11	ug/m <sup>3</sup>
10/29/2017	8:09:35	11.3	ug/m <sup>3</sup>
10/29/2017	8:10:35	11.4	ug/m <sup>3</sup>
10/29/2017	8:11:35	12	ug/m <sup>3</sup>
10/29/2017	8:12:35	11.6	ug/m <sup>3</sup>
10/29/2017	8:13:35	11.5	ug/m <sup>3</sup>
10/29/2017	8:14:35	11.4	ug/m <sup>3</sup>
10/29/2017	8:15:35	11.3	ug/m <sup>3</sup>
10/29/2017	8:16:35	11.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
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Date	Time	Result	Units
10/29/2017	8:17:35	11.5	ug/m <sup>3</sup>
10/29/2017	8:18:35	11.6	ug/m <sup>3</sup>
10/29/2017	8:19:35	12	ug/m <sup>3</sup>
10/29/2017	8:20:35	11.2	ug/m <sup>3</sup>
10/29/2017	8:21:35	12.1	ug/m <sup>3</sup>
10/29/2017	8:22:35	12	ug/m <sup>3</sup>
10/29/2017	8:23:35	12.3	ug/m <sup>3</sup>
10/29/2017	8:24:35	12.1	ug/m <sup>3</sup>
10/29/2017	8:25:35	12.3	ug/m <sup>3</sup>
10/29/2017	8:26:35	11.8	ug/m <sup>3</sup>
10/29/2017	8:27:35	12	ug/m <sup>3</sup>
10/29/2017	8:28:35	12.4	ug/m <sup>3</sup>
10/29/2017	8:29:35	12	ug/m <sup>3</sup>
10/29/2017	8:30:35	12.2	ug/m <sup>3</sup>
10/29/2017	8:31:35	12.4	ug/m <sup>3</sup>
10/29/2017	8:32:35	12.2	ug/m <sup>3</sup>
10/29/2017	8:33:35	12.7	ug/m <sup>3</sup>
10/29/2017	8:34:35	12.2	ug/m <sup>3</sup>
10/29/2017	8:35:35	12.9	ug/m <sup>3</sup>
10/29/2017	8:36:35	12.5	ug/m <sup>3</sup>
10/29/2017	8:37:35	13	ug/m <sup>3</sup>
10/29/2017	8:38:35	12.9	ug/m <sup>3</sup>
10/29/2017	8:39:35	12.6	ug/m <sup>3</sup>
10/29/2017	8:40:35	12.8	ug/m <sup>3</sup>
10/29/2017	8:41:35	12.9	ug/m <sup>3</sup>
10/29/2017	8:42:35	13	ug/m <sup>3</sup>
10/29/2017	8:43:35	13.2	ug/m <sup>3</sup>
10/29/2017	8:44:35	12.8	ug/m <sup>3</sup>
10/29/2017	8:45:35	13.4	ug/m <sup>3</sup>
10/29/2017	8:46:35	13.1	ug/m <sup>3</sup>
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10/29/2017	8:48:35	12.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
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Instrument Readings			
Date	Time	Result	Units
10/29/2017	8:49:35	13	ug/m <sup>3</sup>
10/29/2017	8:50:35	12.8	ug/m <sup>3</sup>
10/29/2017	8:51:35	13.2	ug/m <sup>3</sup>
10/29/2017	8:52:35	12.9	ug/m <sup>3</sup>
10/29/2017	8:53:35	12.7	ug/m <sup>3</sup>
10/29/2017	8:54:35	12.6	ug/m <sup>3</sup>
10/29/2017	8:55:35	13	ug/m <sup>3</sup>
10/29/2017	8:56:35	13	ug/m <sup>3</sup>
10/29/2017	8:57:35	13.4	ug/m <sup>3</sup>
10/29/2017	8:58:35	13.6	ug/m <sup>3</sup>
10/29/2017	8:59:35	13	ug/m <sup>3</sup>
10/29/2017	9:00:35	13.2	ug/m <sup>3</sup>
10/29/2017	9:01:35	13	ug/m <sup>3</sup>
10/29/2017	9:02:35	13.2	ug/m <sup>3</sup>
10/29/2017	9:03:35	13.5	ug/m <sup>3</sup>
10/29/2017	9:04:35	13.5	ug/m <sup>3</sup>
10/29/2017	9:05:35	13.7	ug/m <sup>3</sup>
10/29/2017	9:06:35	13.6	ug/m <sup>3</sup>
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10/29/2017	9:09:35	13.2	ug/m <sup>3</sup>
10/29/2017	9:10:35	12.9	ug/m <sup>3</sup>
10/29/2017	9:11:35	13.9	ug/m <sup>3</sup>
10/29/2017	9:12:35	14.1	ug/m <sup>3</sup>
10/29/2017	9:13:35	14	ug/m <sup>3</sup>
10/29/2017	9:14:35	13.8	ug/m <sup>3</sup>
10/29/2017	9:15:35	14.5	ug/m <sup>3</sup>
10/29/2017	9:16:35	14.8	ug/m <sup>3</sup>
10/29/2017	9:17:35	15	ug/m <sup>3</sup>
10/29/2017	9:18:35	13.9	ug/m <sup>3</sup>
10/29/2017	9:19:35	14.9	ug/m <sup>3</sup>
10/29/2017	9:20:35	14.1	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
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10/29/2017	9:26:35	15.7	ug/m <sup>3</sup>
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10/29/2017	9:30:35	16.1	ug/m <sup>3</sup>
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10/29/2017	9:32:35	15.1	ug/m <sup>3</sup>
10/29/2017	9:33:35	15.2	ug/m <sup>3</sup>
10/29/2017	9:34:35	15.4	ug/m <sup>3</sup>
10/29/2017	9:35:35	14.8	ug/m <sup>3</sup>
10/29/2017	9:36:35	15.1	ug/m <sup>3</sup>
10/29/2017	9:37:35	15.1	ug/m <sup>3</sup>
10/29/2017	9:38:35	14	ug/m <sup>3</sup>
10/29/2017	9:39:35	14.7	ug/m <sup>3</sup>
10/29/2017	9:40:35	15.3	ug/m <sup>3</sup>
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10/29/2017	9:48:35	15.3	ug/m <sup>3</sup>
10/29/2017	9:49:35	15.5	ug/m <sup>3</sup>
10/29/2017	9:50:35	15.2	ug/m <sup>3</sup>
10/29/2017	9:51:35	15.3	ug/m <sup>3</sup>
10/29/2017	9:52:35	15.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
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Instrument Readings			
Date	Time	Result	Units
10/29/2017	9:53:35	14.8	ug/m <sup>3</sup>
10/29/2017	9:54:35	15.5	ug/m <sup>3</sup>
10/29/2017	9:55:35	15	ug/m <sup>3</sup>
10/29/2017	9:56:35	14.9	ug/m <sup>3</sup>
10/29/2017	9:57:35	14.7	ug/m <sup>3</sup>
10/29/2017	9:58:35	15	ug/m <sup>3</sup>
10/29/2017	9:59:35	15.1	ug/m <sup>3</sup>
10/29/2017	10:00:35	15.5	ug/m <sup>3</sup>
10/29/2017	10:01:35	14.9	ug/m <sup>3</sup>
10/29/2017	10:02:35	15.2	ug/m <sup>3</sup>
10/29/2017	10:03:35	15	ug/m <sup>3</sup>
10/29/2017	10:04:35	14.7	ug/m <sup>3</sup>
10/29/2017	10:05:35	14.4	ug/m <sup>3</sup>
10/29/2017	10:06:35	14.1	ug/m <sup>3</sup>
10/29/2017	10:07:35	14.9	ug/m <sup>3</sup>
10/29/2017	10:08:35	14.8	ug/m <sup>3</sup>
10/29/2017	10:09:35	14.9	ug/m <sup>3</sup>
10/29/2017	10:10:35	14.2	ug/m <sup>3</sup>
10/29/2017	10:11:35	14.1	ug/m <sup>3</sup>
10/29/2017	10:12:35	13.9	ug/m <sup>3</sup>
10/29/2017	10:13:35	15.1	ug/m <sup>3</sup>
10/29/2017	10:14:35	14.7	ug/m <sup>3</sup>
10/29/2017	10:15:35	14.6	ug/m <sup>3</sup>
10/29/2017	10:16:35	14.7	ug/m <sup>3</sup>
10/29/2017	10:17:35	14.6	ug/m <sup>3</sup>
10/29/2017	10:18:35	15.2	ug/m <sup>3</sup>
10/29/2017	10:19:35	15.4	ug/m <sup>3</sup>
10/29/2017	10:20:35	15	ug/m <sup>3</sup>
10/29/2017	10:21:35	15.4	ug/m <sup>3</sup>
10/29/2017	10:22:35	14.8	ug/m <sup>3</sup>
10/29/2017	10:23:35	15.2	ug/m <sup>3</sup>
10/29/2017	10:24:35	14.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	10:25:35	16	ug/m <sup>3</sup>
10/29/2017	10:26:35	14.4	ug/m <sup>3</sup>
10/29/2017	10:27:35	14.8	ug/m <sup>3</sup>
10/29/2017	10:28:35	15.2	ug/m <sup>3</sup>
10/29/2017	10:29:35	14.9	ug/m <sup>3</sup>
10/29/2017	10:30:35	15	ug/m <sup>3</sup>
10/29/2017	10:31:35	14.5	ug/m <sup>3</sup>
10/29/2017	10:32:35	14.7	ug/m <sup>3</sup>
10/29/2017	10:33:35	14.9	ug/m <sup>3</sup>
10/29/2017	10:34:35	14.9	ug/m <sup>3</sup>
10/29/2017	10:35:35	15.5	ug/m <sup>3</sup>
10/29/2017	10:36:35	14.7	ug/m <sup>3</sup>
10/29/2017	10:37:35	14.8	ug/m <sup>3</sup>
10/29/2017	10:38:35	14.1	ug/m <sup>3</sup>
10/29/2017	10:39:35	14.7	ug/m <sup>3</sup>
10/29/2017	10:40:35	15.2	ug/m <sup>3</sup>
10/29/2017	10:41:35	14.4	ug/m <sup>3</sup>
10/29/2017	10:42:35	14.9	ug/m <sup>3</sup>
10/29/2017	10:43:35	14.8	ug/m <sup>3</sup>
10/29/2017	10:44:35	14.4	ug/m <sup>3</sup>
10/29/2017	10:45:35	14.6	ug/m <sup>3</sup>
10/29/2017	10:46:35	15.1	ug/m <sup>3</sup>
10/29/2017	10:47:35	14.9	ug/m <sup>3</sup>
10/29/2017	10:48:35	14.4	ug/m <sup>3</sup>
10/29/2017	10:49:35	14.1	ug/m <sup>3</sup>
10/29/2017	10:50:35	14.3	ug/m <sup>3</sup>
10/29/2017	10:51:35	14	ug/m <sup>3</sup>
10/29/2017	10:52:35	13.9	ug/m <sup>3</sup>
10/29/2017	10:53:35	14.7	ug/m <sup>3</sup>
10/29/2017	10:54:35	14.4	ug/m <sup>3</sup>
10/29/2017	10:55:35	14.1	ug/m <sup>3</sup>
10/29/2017	10:56:35	14.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
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Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	10:57:35	14.4	ug/m <sup>3</sup>
10/29/2017	10:58:35	14.3	ug/m <sup>3</sup>
10/29/2017	10:59:35	13.8	ug/m <sup>3</sup>
10/29/2017	11:00:35	14.3	ug/m <sup>3</sup>
10/29/2017	11:01:35	14	ug/m <sup>3</sup>
10/29/2017	11:02:35	13.6	ug/m <sup>3</sup>
10/29/2017	11:03:35	13.7	ug/m <sup>3</sup>
10/29/2017	11:04:35	13.7	ug/m <sup>3</sup>
10/29/2017	11:05:35	14.2	ug/m <sup>3</sup>
10/29/2017	11:06:35	13.6	ug/m <sup>3</sup>
10/29/2017	11:07:35	13.8	ug/m <sup>3</sup>
10/29/2017	11:08:35	13.6	ug/m <sup>3</sup>
10/29/2017	11:09:35	14.4	ug/m <sup>3</sup>
10/29/2017	11:10:35	14.3	ug/m <sup>3</sup>
10/29/2017	11:11:35	14.3	ug/m <sup>3</sup>
10/29/2017	11:12:35	14.6	ug/m <sup>3</sup>
10/29/2017	11:13:35	14.4	ug/m <sup>3</sup>
10/29/2017	11:14:35	14.4	ug/m <sup>3</sup>
10/29/2017	11:15:35	14.4	ug/m <sup>3</sup>
10/29/2017	11:16:35	14.9	ug/m <sup>3</sup>
10/29/2017	11:17:35	14.4	ug/m <sup>3</sup>
10/29/2017	11:18:35	14	ug/m <sup>3</sup>
10/29/2017	11:19:35	14.5	ug/m <sup>3</sup>
10/29/2017	11:20:35	13.7	ug/m <sup>3</sup>
10/29/2017	11:21:35	14	ug/m <sup>3</sup>
10/29/2017	11:22:35	14.2	ug/m <sup>3</sup>
10/29/2017	11:23:35	14.1	ug/m <sup>3</sup>
10/29/2017	11:24:35	13.9	ug/m <sup>3</sup>
10/29/2017	11:25:35	14.1	ug/m <sup>3</sup>
10/29/2017	11:26:35	13.8	ug/m <sup>3</sup>
10/29/2017	11:27:35	13.8	ug/m <sup>3</sup>
10/29/2017	11:28:35	14	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
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Date	Time	Result	Units
10/29/2017	11:29:35	14.4	ug/m <sup>3</sup>
10/29/2017	11:30:35	14.1	ug/m <sup>3</sup>
10/29/2017	11:31:35	13.7	ug/m <sup>3</sup>
10/29/2017	11:32:35	13.8	ug/m <sup>3</sup>
10/29/2017	11:33:35	13.9	ug/m <sup>3</sup>
10/29/2017	11:34:35	13.9	ug/m <sup>3</sup>
10/29/2017	11:35:35	13.9	ug/m <sup>3</sup>
10/29/2017	11:36:35	13.8	ug/m <sup>3</sup>
10/29/2017	11:37:35	14.2	ug/m <sup>3</sup>
10/29/2017	11:38:35	14.4	ug/m <sup>3</sup>
10/29/2017	11:39:35	13.6	ug/m <sup>3</sup>
10/29/2017	11:40:35	13.9	ug/m <sup>3</sup>
10/29/2017	11:41:35	14.2	ug/m <sup>3</sup>
10/29/2017	11:42:35	14.1	ug/m <sup>3</sup>
10/29/2017	11:43:35	14.3	ug/m <sup>3</sup>
10/29/2017	11:44:35	14.1	ug/m <sup>3</sup>
10/29/2017	11:45:35	14.4	ug/m <sup>3</sup>
10/29/2017	11:46:35	13.4	ug/m <sup>3</sup>
10/29/2017	11:47:35	13.9	ug/m <sup>3</sup>
10/29/2017	11:48:35	14.2	ug/m <sup>3</sup>
10/29/2017	11:49:35	14.1	ug/m <sup>3</sup>
10/29/2017	11:50:35	14.3	ug/m <sup>3</sup>
10/29/2017	11:51:35	13.9	ug/m <sup>3</sup>
10/29/2017	11:52:35	13.9	ug/m <sup>3</sup>
10/29/2017	11:53:35	14.1	ug/m <sup>3</sup>
10/29/2017	11:54:35	13.7	ug/m <sup>3</sup>
10/29/2017	11:55:35	13.4	ug/m <sup>3</sup>
10/29/2017	11:56:35	14	ug/m <sup>3</sup>
10/29/2017	11:57:35	13.4	ug/m <sup>3</sup>
10/29/2017	11:58:35	13.5	ug/m <sup>3</sup>
10/29/2017	11:59:35	14.3	ug/m <sup>3</sup>
10/29/2017	12:00:35	13.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
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Instrument Readings			
Date	Time	Result	Units
10/29/2017	12:01:35	13.2	ug/m <sup>3</sup>
10/29/2017	12:02:35	13.7	ug/m <sup>3</sup>
10/29/2017	12:03:35	13.9	ug/m <sup>3</sup>
10/29/2017	12:04:35	13.8	ug/m <sup>3</sup>
10/29/2017	12:05:35	13.8	ug/m <sup>3</sup>
10/29/2017	12:06:35	13.6	ug/m <sup>3</sup>
10/29/2017	12:07:35	13.1	ug/m <sup>3</sup>
10/29/2017	12:08:35	13.5	ug/m <sup>3</sup>
10/29/2017	12:09:35	13.3	ug/m <sup>3</sup>
10/29/2017	12:10:35	12.7	ug/m <sup>3</sup>
10/29/2017	12:11:35	12.6	ug/m <sup>3</sup>
10/29/2017	12:12:35	12.6	ug/m <sup>3</sup>
10/29/2017	12:13:35	12.8	ug/m <sup>3</sup>
10/29/2017	12:14:35	13.2	ug/m <sup>3</sup>
10/29/2017	12:15:35	12.8	ug/m <sup>3</sup>
10/29/2017	12:16:35	13.3	ug/m <sup>3</sup>
10/29/2017	12:17:35	12.9	ug/m <sup>3</sup>
10/29/2017	12:18:35	12.5	ug/m <sup>3</sup>
10/29/2017	12:19:35	12.7	ug/m <sup>3</sup>
10/29/2017	12:20:35	13.1	ug/m <sup>3</sup>
10/29/2017	12:21:35	13.5	ug/m <sup>3</sup>
10/29/2017	12:22:35	12.9	ug/m <sup>3</sup>
10/29/2017	12:23:35	13	ug/m <sup>3</sup>
10/29/2017	12:24:35	12.9	ug/m <sup>3</sup>
10/29/2017	12:25:35	13.3	ug/m <sup>3</sup>
10/29/2017	12:26:35	12.7	ug/m <sup>3</sup>
10/29/2017	12:27:35	13.2	ug/m <sup>3</sup>
10/29/2017	12:28:35	12.8	ug/m <sup>3</sup>
10/29/2017	12:29:35	13.1	ug/m <sup>3</sup>
10/29/2017	12:30:35	12.7	ug/m <sup>3</sup>
10/29/2017	12:31:35	12.6	ug/m <sup>3</sup>
10/29/2017	12:32:35	12.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
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Total Run Time:	17 hours, 32 minutes		
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Instrument Readings			
Date	Time	Result	Units
10/29/2017	12:33:35	12.7	ug/m <sup>3</sup>
10/29/2017	12:34:35	13.2	ug/m <sup>3</sup>
10/29/2017	12:35:35	13	ug/m <sup>3</sup>
10/29/2017	12:36:35	13.3	ug/m <sup>3</sup>
10/29/2017	12:37:35	12.4	ug/m <sup>3</sup>
10/29/2017	12:38:35	13.4	ug/m <sup>3</sup>
10/29/2017	12:39:35	12.7	ug/m <sup>3</sup>
10/29/2017	12:40:35	12.1	ug/m <sup>3</sup>
10/29/2017	12:41:35	12.2	ug/m <sup>3</sup>
10/29/2017	12:42:35	11.7	ug/m <sup>3</sup>
10/29/2017	12:43:35	11.9	ug/m <sup>3</sup>
10/29/2017	12:44:35	11.6	ug/m <sup>3</sup>
10/29/2017	12:45:35	11.7	ug/m <sup>3</sup>
10/29/2017	12:46:35	12.5	ug/m <sup>3</sup>
10/29/2017	12:47:35	11.8	ug/m <sup>3</sup>
10/29/2017	12:48:35	11.7	ug/m <sup>3</sup>
10/29/2017	12:49:35	11.9	ug/m <sup>3</sup>
10/29/2017	12:50:35	11.7	ug/m <sup>3</sup>
10/29/2017	12:51:35	12.1	ug/m <sup>3</sup>
10/29/2017	12:52:35	11.9	ug/m <sup>3</sup>
10/29/2017	12:53:35	11.8	ug/m <sup>3</sup>
10/29/2017	12:54:35	11.4	ug/m <sup>3</sup>
10/29/2017	12:55:35	11.3	ug/m <sup>3</sup>
10/29/2017	12:56:35	11.3	ug/m <sup>3</sup>
10/29/2017	12:57:35	11.2	ug/m <sup>3</sup>
10/29/2017	12:58:35	11	ug/m <sup>3</sup>
10/29/2017	12:59:35	11	ug/m <sup>3</sup>
10/29/2017	13:00:35	11.2	ug/m <sup>3</sup>
10/29/2017	13:01:35	11	ug/m <sup>3</sup>
10/29/2017	13:02:35	10.6	ug/m <sup>3</sup>
10/29/2017	13:03:35	10.9	ug/m <sup>3</sup>
10/29/2017	13:04:35	10.5	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017 Latitude: 39.2482 Longitude: -81.5196			
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Instrument Readings			
Date	Time	Result	Units
10/29/2017	13:05:35	10.1	ug/m <sup>3</sup>
10/29/2017	13:06:35	10.3	ug/m <sup>3</sup>
10/29/2017	13:07:35	10.3	ug/m <sup>3</sup>
10/29/2017	13:08:35	9.6	ug/m <sup>3</sup>
10/29/2017	13:09:35	10.3	ug/m <sup>3</sup>
10/29/2017	13:10:35	10.5	ug/m <sup>3</sup>
10/29/2017	13:11:35	10.3	ug/m <sup>3</sup>
10/29/2017	13:12:35	10.2	ug/m <sup>3</sup>
10/29/2017	13:13:35	10.3	ug/m <sup>3</sup>
10/29/2017	13:14:35	10	ug/m <sup>3</sup>
10/29/2017	13:15:35	10.4	ug/m <sup>3</sup>
10/29/2017	13:16:35	10.2	ug/m <sup>3</sup>
10/29/2017	13:17:35	9.9	ug/m <sup>3</sup>
10/29/2017	13:18:35	9.7	ug/m <sup>3</sup>
10/29/2017	13:19:35	9.3	ug/m <sup>3</sup>
10/29/2017	13:20:35	9.6	ug/m <sup>3</sup>
10/29/2017	13:21:35	9.6	ug/m <sup>3</sup>
10/29/2017	13:22:35	9.6	ug/m <sup>3</sup>
10/29/2017	13:23:35	8.9	ug/m <sup>3</sup>
10/29/2017	13:24:35	9.6	ug/m <sup>3</sup>
10/29/2017	13:25:35	9.5	ug/m <sup>3</sup>
10/29/2017	13:26:35	9.3	ug/m <sup>3</sup>
10/29/2017	13:27:35	9.2	ug/m <sup>3</sup>
10/29/2017	13:28:35	9.3	ug/m <sup>3</sup>
10/29/2017	13:29:35	9.1	ug/m <sup>3</sup>
10/29/2017	13:30:35	9	ug/m <sup>3</sup>
10/29/2017	13:31:35	9	ug/m <sup>3</sup>
10/29/2017	13:32:35	9.4	ug/m <sup>3</sup>
10/29/2017	13:33:35	9.7	ug/m <sup>3</sup>
10/29/2017	13:34:35	8.9	ug/m <sup>3</sup>
10/29/2017	13:35:35	8.8	ug/m <sup>3</sup>
10/29/2017	13:36:35	8.9	ug/m <sup>3</sup>



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10/29/2017	13:38:35	8.7	ug/m <sup>3</sup>
10/29/2017	13:39:35	8.8	ug/m <sup>3</sup>
10/29/2017	13:40:35	8.9	ug/m <sup>3</sup>
10/29/2017	13:41:35	8.9	ug/m <sup>3</sup>
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10/29/2017	13:43:35	9.3	ug/m <sup>3</sup>
10/29/2017	13:44:35	8.7	ug/m <sup>3</sup>
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10/29/2017	13:48:35	8.3	ug/m <sup>3</sup>
10/29/2017	13:49:35	8.2	ug/m <sup>3</sup>
10/29/2017	13:50:35	8.7	ug/m <sup>3</sup>
10/29/2017	13:51:35	8.6	ug/m <sup>3</sup>
10/29/2017	13:52:35	8.4	ug/m <sup>3</sup>
10/29/2017	13:53:35	8.4	ug/m <sup>3</sup>
10/29/2017	13:54:35	7.9	ug/m <sup>3</sup>
10/29/2017	13:55:35	8.1	ug/m <sup>3</sup>
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10/29/2017	13:57:35	7.4	ug/m <sup>3</sup>
10/29/2017	13:58:35	7.6	ug/m <sup>3</sup>
10/29/2017	13:59:35	7.6	ug/m <sup>3</sup>
10/29/2017	14:00:35	8.2	ug/m <sup>3</sup>
10/29/2017	14:01:35	7.7	ug/m <sup>3</sup>
10/29/2017	14:02:35	7.7	ug/m <sup>3</sup>
10/29/2017	14:03:35	7.6	ug/m <sup>3</sup>
10/29/2017	14:04:35	7.2	ug/m <sup>3</sup>
10/29/2017	14:05:35	7	ug/m <sup>3</sup>
10/29/2017	14:06:35	7.4	ug/m <sup>3</sup>
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Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	14:09:35	7.8	ug/m <sup>3</sup>
10/29/2017	14:10:35	7.6	ug/m <sup>3</sup>
10/29/2017	14:11:35	7.2	ug/m <sup>3</sup>
10/29/2017	14:12:35	7.4	ug/m <sup>3</sup>
10/29/2017	14:13:35	7.6	ug/m <sup>3</sup>
10/29/2017	14:14:35	7.4	ug/m <sup>3</sup>
10/29/2017	14:15:35	7.3	ug/m <sup>3</sup>
10/29/2017	14:16:35	7.1	ug/m <sup>3</sup>
10/29/2017	14:17:35	6.9	ug/m <sup>3</sup>
10/29/2017	14:18:35	7.4	ug/m <sup>3</sup>
10/29/2017	14:19:35	7.4	ug/m <sup>3</sup>
10/29/2017	14:20:35	7.4	ug/m <sup>3</sup>
10/29/2017	14:21:35	7.3	ug/m <sup>3</sup>
10/29/2017	14:22:35	7.4	ug/m <sup>3</sup>
10/29/2017	14:23:35	7.4	ug/m <sup>3</sup>
10/29/2017	14:24:35	7.3	ug/m <sup>3</sup>
10/29/2017	14:25:35	7.5	ug/m <sup>3</sup>
10/29/2017	14:26:35	6.9	ug/m <sup>3</sup>
10/29/2017	14:27:35	7.2	ug/m <sup>3</sup>
10/29/2017	14:28:35	7.7	ug/m <sup>3</sup>
10/29/2017	14:29:35	7.2	ug/m <sup>3</sup>
10/29/2017	14:30:35	7.5	ug/m <sup>3</sup>
10/29/2017	14:31:35	7	ug/m <sup>3</sup>
10/29/2017	14:32:35	7.3	ug/m <sup>3</sup>
10/29/2017	14:33:35	7.5	ug/m <sup>3</sup>
10/29/2017	14:34:35	7.6	ug/m <sup>3</sup>
10/29/2017	14:35:35	7.5	ug/m <sup>3</sup>
10/29/2017	14:36:35	8	ug/m <sup>3</sup>
10/29/2017	14:37:35	7.8	ug/m <sup>3</sup>
10/29/2017	14:38:35	8.1	ug/m <sup>3</sup>
10/29/2017	14:39:35	8.4	ug/m <sup>3</sup>
10/29/2017	14:40:35	8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	14:41:35	8.2	ug/m <sup>3</sup>
10/29/2017	14:42:35	8.4	ug/m <sup>3</sup>
10/29/2017	14:43:35	8.6	ug/m <sup>3</sup>
10/29/2017	14:44:35	9.5	ug/m <sup>3</sup>
10/29/2017	14:45:35	9.3	ug/m <sup>3</sup>
10/29/2017	14:46:35	8.5	ug/m <sup>3</sup>
10/29/2017	14:47:35	8.3	ug/m <sup>3</sup>
10/29/2017	14:48:35	8.4	ug/m <sup>3</sup>
10/29/2017	14:49:35	8.8	ug/m <sup>3</sup>
10/29/2017	14:50:35	8.7	ug/m <sup>3</sup>
10/29/2017	14:51:35	9.1	ug/m <sup>3</sup>
10/29/2017	14:52:35	9.3	ug/m <sup>3</sup>
10/29/2017	14:53:35	9.5	ug/m <sup>3</sup>
10/29/2017	14:54:35	9.6	ug/m <sup>3</sup>
10/29/2017	14:55:35	9.1	ug/m <sup>3</sup>
10/29/2017	14:56:35	8.6	ug/m <sup>3</sup>
10/29/2017	14:57:35	8.7	ug/m <sup>3</sup>
10/29/2017	14:58:35	8.3	ug/m <sup>3</sup>
10/29/2017	14:59:35	8.7	ug/m <sup>3</sup>
10/29/2017	15:00:35	8.8	ug/m <sup>3</sup>
10/29/2017	15:01:35	9	ug/m <sup>3</sup>
10/29/2017	15:02:35	8.5	ug/m <sup>3</sup>
10/29/2017	15:03:35	9.1	ug/m <sup>3</sup>
10/29/2017	15:04:35	9.1	ug/m <sup>3</sup>
10/29/2017	15:05:35	9.1	ug/m <sup>3</sup>
10/29/2017	15:06:35	9.2	ug/m <sup>3</sup>
10/29/2017	15:07:35	9.7	ug/m <sup>3</sup>
10/29/2017	15:08:35	8.7	ug/m <sup>3</sup>
10/29/2017	15:09:35	9	ug/m <sup>3</sup>
10/29/2017	15:10:35	8.9	ug/m <sup>3</sup>
10/29/2017	15:11:35	9.2	ug/m <sup>3</sup>
10/29/2017	15:12:35	8.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	15:13:35	9.3	ug/m <sup>3</sup>
10/29/2017	15:14:35	9.4	ug/m <sup>3</sup>
10/29/2017	15:15:35	9	ug/m <sup>3</sup>
10/29/2017	15:16:35	9.8	ug/m <sup>3</sup>
10/29/2017	15:17:35	9.7	ug/m <sup>3</sup>
10/29/2017	15:18:35	9.2	ug/m <sup>3</sup>
10/29/2017	15:19:35	8.9	ug/m <sup>3</sup>
10/29/2017	15:20:35	8.1	ug/m <sup>3</sup>
10/29/2017	15:21:35	8.8	ug/m <sup>3</sup>
10/29/2017	15:22:35	8.4	ug/m <sup>3</sup>
10/29/2017	15:23:35	8	ug/m <sup>3</sup>
10/29/2017	15:24:35	7.9	ug/m <sup>3</sup>
10/29/2017	15:25:35	8	ug/m <sup>3</sup>
10/29/2017	15:26:35	8.3	ug/m <sup>3</sup>
10/29/2017	15:27:35	8.3	ug/m <sup>3</sup>
10/29/2017	15:28:35	8.4	ug/m <sup>3</sup>
10/29/2017	15:29:35	8.7	ug/m <sup>3</sup>
10/29/2017	15:30:35	8.6	ug/m <sup>3</sup>
10/29/2017	15:31:35	9.3	ug/m <sup>3</sup>
10/29/2017	15:32:35	8.7	ug/m <sup>3</sup>
10/29/2017	15:33:35	9	ug/m <sup>3</sup>
10/29/2017	15:34:35	9.4	ug/m <sup>3</sup>
10/29/2017	15:35:35	9.2	ug/m <sup>3</sup>
10/29/2017	15:36:35	9.6	ug/m <sup>3</sup>
10/29/2017	15:37:35	9	ug/m <sup>3</sup>
10/29/2017	15:38:35	9	ug/m <sup>3</sup>
10/29/2017	15:39:35	8.7	ug/m <sup>3</sup>
10/29/2017	15:40:35	8.3	ug/m <sup>3</sup>
10/29/2017	15:41:35	7.9	ug/m <sup>3</sup>
10/29/2017	15:42:35	7.7	ug/m <sup>3</sup>
10/29/2017	15:43:35	7.6	ug/m <sup>3</sup>
10/29/2017	15:44:35	7.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
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Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	15:45:35	8.2	ug/m <sup>3</sup>
10/29/2017	15:46:35	8.1	ug/m <sup>3</sup>
10/29/2017	15:47:35	8	ug/m <sup>3</sup>
10/29/2017	15:48:35	7.8	ug/m <sup>3</sup>
10/29/2017	15:49:35	7.8	ug/m <sup>3</sup>
10/29/2017	15:50:35	8.5	ug/m <sup>3</sup>
10/29/2017	15:51:35	8.2	ug/m <sup>3</sup>
10/29/2017	15:52:35	7.4	ug/m <sup>3</sup>
10/29/2017	15:53:35	7.1	ug/m <sup>3</sup>
10/29/2017	15:54:35	7.3	ug/m <sup>3</sup>
10/29/2017	15:55:35	6.8	ug/m <sup>3</sup>
10/29/2017	15:56:35	7.2	ug/m <sup>3</sup>
10/29/2017	15:57:35	7	ug/m <sup>3</sup>
10/29/2017	15:58:35	7.2	ug/m <sup>3</sup>
10/29/2017	15:59:35	7.3	ug/m <sup>3</sup>
10/29/2017	16:00:35	7.6	ug/m <sup>3</sup>
10/29/2017	16:01:35	7.9	ug/m <sup>3</sup>
10/29/2017	16:02:35	7.6	ug/m <sup>3</sup>
10/29/2017	16:03:35	7.5	ug/m <sup>3</sup>
10/29/2017	16:04:35	7.7	ug/m <sup>3</sup>
10/29/2017	16:05:35	7.3	ug/m <sup>3</sup>
10/29/2017	16:06:35	7.8	ug/m <sup>3</sup>
10/29/2017	16:07:35	7.4	ug/m <sup>3</sup>
10/29/2017	16:08:35	7.9	ug/m <sup>3</sup>
10/29/2017	16:09:35	7.7	ug/m <sup>3</sup>
10/29/2017	16:10:35	7.6	ug/m <sup>3</sup>
10/29/2017	16:11:35	8	ug/m <sup>3</sup>
10/29/2017	16:12:35	8.4	ug/m <sup>3</sup>
10/29/2017	16:13:35	7.8	ug/m <sup>3</sup>
10/29/2017	16:14:35	8.1	ug/m <sup>3</sup>
10/29/2017	16:15:35	7.6	ug/m <sup>3</sup>
10/29/2017	16:16:35	7.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
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Instrument Readings			
Date	Time	Result	Units
10/29/2017	16:17:35	8.2	ug/m <sup>3</sup>
10/29/2017	16:18:35	8.4	ug/m <sup>3</sup>
10/29/2017	16:19:35	8	ug/m <sup>3</sup>
10/29/2017	16:20:35	8.3	ug/m <sup>3</sup>
10/29/2017	16:21:35	8.5	ug/m <sup>3</sup>
10/29/2017	16:22:35	8.3	ug/m <sup>3</sup>
10/29/2017	16:23:35	8.6	ug/m <sup>3</sup>
10/29/2017	16:24:35	8.4	ug/m <sup>3</sup>
10/29/2017	16:25:35	8.4	ug/m <sup>3</sup>
10/29/2017	16:26:35	8.4	ug/m <sup>3</sup>
10/29/2017	16:27:35	9.2	ug/m <sup>3</sup>
10/29/2017	16:28:35	8.8	ug/m <sup>3</sup>
10/29/2017	16:29:35	9.1	ug/m <sup>3</sup>
10/29/2017	16:30:35	8.5	ug/m <sup>3</sup>
10/29/2017	16:31:35	8.9	ug/m <sup>3</sup>
10/29/2017	16:32:35	9.2	ug/m <sup>3</sup>
10/29/2017	16:33:35	9.2	ug/m <sup>3</sup>
10/29/2017	16:34:35	9.3	ug/m <sup>3</sup>
10/29/2017	16:35:35	9.5	ug/m <sup>3</sup>
10/29/2017	16:36:35	9.5	ug/m <sup>3</sup>
10/29/2017	16:37:35	9	ug/m <sup>3</sup>
10/29/2017	16:38:35	9.2	ug/m <sup>3</sup>
10/29/2017	16:39:35	9.1	ug/m <sup>3</sup>
10/29/2017	16:40:35	8.7	ug/m <sup>3</sup>
10/29/2017	16:41:35	9	ug/m <sup>3</sup>
10/29/2017	16:42:35	9.1	ug/m <sup>3</sup>
10/29/2017	16:43:35	9	ug/m <sup>3</sup>
10/29/2017	16:44:35	9	ug/m <sup>3</sup>
10/29/2017	16:45:35	9.5	ug/m <sup>3</sup>
10/29/2017	16:46:35	9.1	ug/m <sup>3</sup>
10/29/2017	16:47:35	8.7	ug/m <sup>3</sup>
10/29/2017	16:48:35	9.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
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Instrument Readings			
Date	Time	Result	Units
10/29/2017	16:49:35	9.5	ug/m <sup>3</sup>
10/29/2017	16:50:35	9.7	ug/m <sup>3</sup>
10/29/2017	16:51:35	9.3	ug/m <sup>3</sup>
10/29/2017	16:52:35	9.2	ug/m <sup>3</sup>
10/29/2017	16:53:35	9.2	ug/m <sup>3</sup>
10/29/2017	16:54:35	9.1	ug/m <sup>3</sup>
10/29/2017	16:55:35	9.8	ug/m <sup>3</sup>
10/29/2017	16:56:35	9.4	ug/m <sup>3</sup>
10/29/2017	16:57:35	9.6	ug/m <sup>3</sup>
10/29/2017	16:58:35	9.3	ug/m <sup>3</sup>
10/29/2017	16:59:35	10	ug/m <sup>3</sup>
10/29/2017	17:00:35	9.5	ug/m <sup>3</sup>
10/29/2017	17:01:35	9.2	ug/m <sup>3</sup>
10/29/2017	17:02:35	8.6	ug/m <sup>3</sup>
10/29/2017	17:03:35	8.7	ug/m <sup>3</sup>
10/29/2017	17:04:35	8.8	ug/m <sup>3</sup>
10/29/2017	17:05:35	9.2	ug/m <sup>3</sup>
10/29/2017	17:06:35	9	ug/m <sup>3</sup>
10/29/2017	17:07:35	9	ug/m <sup>3</sup>
10/29/2017	17:08:35	8.8	ug/m <sup>3</sup>
10/29/2017	17:09:35	9	ug/m <sup>3</sup>
10/29/2017	17:10:35	9	ug/m <sup>3</sup>
10/29/2017	17:11:35	8.8	ug/m <sup>3</sup>
10/29/2017	17:12:35	9.2	ug/m <sup>3</sup>
10/29/2017	17:13:35	8.7	ug/m <sup>3</sup>
10/29/2017	17:14:35	9	ug/m <sup>3</sup>
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10/29/2017	17:16:35	8.8	ug/m <sup>3</sup>
10/29/2017	17:17:35	9.2	ug/m <sup>3</sup>
10/29/2017	17:18:35	9	ug/m <sup>3</sup>
10/29/2017	17:19:35	8.7	ug/m <sup>3</sup>
10/29/2017	17:20:35	9.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
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Date	Time	Result	Units
10/29/2017	17:21:35	9.4	ug/m <sup>3</sup>
10/29/2017	17:22:35	9	ug/m <sup>3</sup>
10/29/2017	17:23:35	9.6	ug/m <sup>3</sup>
10/29/2017	17:24:35	9.6	ug/m <sup>3</sup>
10/29/2017	17:25:35	9.3	ug/m <sup>3</sup>
10/29/2017	17:26:35	9.1	ug/m <sup>3</sup>
10/29/2017	17:27:35	9.5	ug/m <sup>3</sup>
10/29/2017	17:28:35	9.6	ug/m <sup>3</sup>
10/29/2017	17:29:35	9.2	ug/m <sup>3</sup>
10/29/2017	17:30:35	9.6	ug/m <sup>3</sup>
10/29/2017	17:31:35	9.1	ug/m <sup>3</sup>
10/29/2017	17:32:35	9.6	ug/m <sup>3</sup>
10/29/2017	17:33:35	9.1	ug/m <sup>3</sup>
10/29/2017	17:34:35	10.2	ug/m <sup>3</sup>
10/29/2017	17:35:35	9.7	ug/m <sup>3</sup>
10/29/2017	17:36:35	9.8	ug/m <sup>3</sup>
10/29/2017	17:37:35	9.8	ug/m <sup>3</sup>
10/29/2017	17:38:35	9.8	ug/m <sup>3</sup>
10/29/2017	17:39:35	9.5	ug/m <sup>3</sup>
10/29/2017	17:40:35	9.9	ug/m <sup>3</sup>
10/29/2017	17:41:35	10.4	ug/m <sup>3</sup>
10/29/2017	17:42:35	10.2	ug/m <sup>3</sup>
10/29/2017	17:43:35	10.2	ug/m <sup>3</sup>
10/29/2017	17:44:35	10.6	ug/m <sup>3</sup>
10/29/2017	17:45:35	10.7	ug/m <sup>3</sup>
10/29/2017	17:46:35	10.4	ug/m <sup>3</sup>
10/29/2017	17:47:35	10.9	ug/m <sup>3</sup>
10/29/2017	17:48:35	10.9	ug/m <sup>3</sup>
10/29/2017	17:49:35	10.8	ug/m <sup>3</sup>
10/29/2017	17:50:35	10.9	ug/m <sup>3</sup>
10/29/2017	17:51:35	10.5	ug/m <sup>3</sup>
10/29/2017	17:52:35	10.4	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017 Latitude: 39.2482 Longitude: -81.5196			
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Date	Time	Result	Units
10/29/2017	17:53:35	10.5	ug/m <sup>3</sup>
10/29/2017	17:54:35	10.6	ug/m <sup>3</sup>
10/29/2017	17:55:35	11.3	ug/m <sup>3</sup>
10/29/2017	17:56:35	10.9	ug/m <sup>3</sup>
10/29/2017	17:57:35	10.8	ug/m <sup>3</sup>
10/29/2017	17:58:35	10.4	ug/m <sup>3</sup>
10/29/2017	17:59:35	10.7	ug/m <sup>3</sup>
10/29/2017	18:00:35	10.7	ug/m <sup>3</sup>
10/29/2017	18:01:35	11.3	ug/m <sup>3</sup>
10/29/2017	18:02:35	11.3	ug/m <sup>3</sup>
10/29/2017	18:03:35	11.1	ug/m <sup>3</sup>
10/29/2017	18:04:35	11.5	ug/m <sup>3</sup>
10/29/2017	18:05:35	11.4	ug/m <sup>3</sup>
10/29/2017	18:06:35	11.7	ug/m <sup>3</sup>
10/29/2017	18:07:35	11	ug/m <sup>3</sup>
10/29/2017	18:08:35	11.4	ug/m <sup>3</sup>
10/29/2017	18:09:35	11.6	ug/m <sup>3</sup>
10/29/2017	18:10:35	11.6	ug/m <sup>3</sup>
10/29/2017	18:11:35	12.2	ug/m <sup>3</sup>
10/29/2017	18:12:35	12.1	ug/m <sup>3</sup>
10/29/2017	18:13:35	13.2	ug/m <sup>3</sup>
10/29/2017	18:14:35	13.4	ug/m <sup>3</sup>
10/29/2017	18:15:35	13.4	ug/m <sup>3</sup>
10/29/2017	18:16:35	13.1	ug/m <sup>3</sup>
10/29/2017	18:17:35	14.5	ug/m <sup>3</sup>
10/29/2017	18:18:35	13.6	ug/m <sup>3</sup>
10/29/2017	18:19:35	13	ug/m <sup>3</sup>
10/29/2017	18:20:35	13.3	ug/m <sup>3</sup>
10/29/2017	18:21:35	13.8	ug/m <sup>3</sup>
10/29/2017	18:22:35	12.6	ug/m <sup>3</sup>
10/29/2017	18:23:35	12.5	ug/m <sup>3</sup>
10/29/2017	18:24:35	12.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	18:25:35	12.9	ug/m <sup>3</sup>
10/29/2017	18:26:35	13	ug/m <sup>3</sup>
10/29/2017	18:27:35	13.3	ug/m <sup>3</sup>
10/29/2017	18:28:35	13.2	ug/m <sup>3</sup>
10/29/2017	18:29:35	14	ug/m <sup>3</sup>
10/29/2017	18:30:35	13.8	ug/m <sup>3</sup>
10/29/2017	18:31:35	13.9	ug/m <sup>3</sup>
10/29/2017	18:32:35	13.9	ug/m <sup>3</sup>
10/29/2017	18:33:35	14	ug/m <sup>3</sup>
10/29/2017	18:34:35	13.8	ug/m <sup>3</sup>
10/29/2017	18:35:35	14.5	ug/m <sup>3</sup>
10/29/2017	18:36:35	14.4	ug/m <sup>3</sup>
10/29/2017	18:37:35	14.3	ug/m <sup>3</sup>
10/29/2017	18:38:35	15.5	ug/m <sup>3</sup>
10/29/2017	18:39:35	15.3	ug/m <sup>3</sup>
10/29/2017	18:40:35	14	ug/m <sup>3</sup>
10/29/2017	18:41:35	12.9	ug/m <sup>3</sup>
10/29/2017	18:42:35	13.3	ug/m <sup>3</sup>
10/29/2017	18:43:35	12.9	ug/m <sup>3</sup>
10/29/2017	18:44:35	13	ug/m <sup>3</sup>
10/29/2017	18:45:35	12.8	ug/m <sup>3</sup>
10/29/2017	18:46:35	13.4	ug/m <sup>3</sup>
10/29/2017	18:47:35	13.3	ug/m <sup>3</sup>
10/29/2017	18:48:35	13.4	ug/m <sup>3</sup>
10/29/2017	18:49:35	13.2	ug/m <sup>3</sup>
10/29/2017	18:50:35	13.2	ug/m <sup>3</sup>
10/29/2017	18:51:35	13	ug/m <sup>3</sup>
10/29/2017	18:52:35	12.9	ug/m <sup>3</sup>
10/29/2017	18:53:35	13.3	ug/m <sup>3</sup>
10/29/2017	18:54:35	13.2	ug/m <sup>3</sup>
10/29/2017	18:55:35	13.3	ug/m <sup>3</sup>
10/29/2017	18:56:35	13.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	18:57:35	13.4	ug/m <sup>3</sup>
10/29/2017	18:58:35	13	ug/m <sup>3</sup>
10/29/2017	18:59:35	13	ug/m <sup>3</sup>
10/29/2017	19:00:35	13.3	ug/m <sup>3</sup>
10/29/2017	19:01:35	13	ug/m <sup>3</sup>
10/29/2017	19:02:35	13.2	ug/m <sup>3</sup>
10/29/2017	19:03:35	13.3	ug/m <sup>3</sup>
10/29/2017	19:04:35	13.4	ug/m <sup>3</sup>
10/29/2017	19:05:35	13.5	ug/m <sup>3</sup>
10/29/2017	19:06:35	13.9	ug/m <sup>3</sup>
10/29/2017	19:07:35	14.2	ug/m <sup>3</sup>
10/29/2017	19:08:35	14.1	ug/m <sup>3</sup>
10/29/2017	19:09:35	14.2	ug/m <sup>3</sup>
10/29/2017	19:10:35	14.6	ug/m <sup>3</sup>
10/29/2017	19:11:35	14.8	ug/m <sup>3</sup>
10/29/2017	19:12:35	14.8	ug/m <sup>3</sup>
10/29/2017	19:13:35	14.4	ug/m <sup>3</sup>
10/29/2017	19:14:35	14.3	ug/m <sup>3</sup>
10/29/2017	19:15:35	13.9	ug/m <sup>3</sup>
10/29/2017	19:16:35	14.4	ug/m <sup>3</sup>
10/29/2017	19:17:35	14.6	ug/m <sup>3</sup>
10/29/2017	19:18:35	14.6	ug/m <sup>3</sup>
10/29/2017	19:19:35	15	ug/m <sup>3</sup>
10/29/2017	19:20:35	15	ug/m <sup>3</sup>
10/29/2017	19:21:35	15.5	ug/m <sup>3</sup>
10/29/2017	19:22:35	15.1	ug/m <sup>3</sup>
10/29/2017	19:23:35	14.9	ug/m <sup>3</sup>
10/29/2017	19:24:35	15.4	ug/m <sup>3</sup>
10/29/2017	19:25:35	15.1	ug/m <sup>3</sup>
10/29/2017	19:26:35	15	ug/m <sup>3</sup>
10/29/2017	19:27:35	15.6	ug/m <sup>3</sup>
10/29/2017	19:28:35	15.5	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
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10/29/2017	19:30:35	14.7	ug/m <sup>3</sup>
10/29/2017	19:31:35	15.4	ug/m <sup>3</sup>
10/29/2017	19:32:35	15.8	ug/m <sup>3</sup>
10/29/2017	19:33:35	15.3	ug/m <sup>3</sup>
10/29/2017	19:34:35	15.8	ug/m <sup>3</sup>
10/29/2017	19:35:35	15.3	ug/m <sup>3</sup>
10/29/2017	19:36:35	15.4	ug/m <sup>3</sup>
10/29/2017	19:37:35	15.3	ug/m <sup>3</sup>
10/29/2017	19:38:35	14	ug/m <sup>3</sup>
10/29/2017	19:39:35	13.8	ug/m <sup>3</sup>
10/29/2017	19:40:35	13.7	ug/m <sup>3</sup>
10/29/2017	19:41:35	13.9	ug/m <sup>3</sup>
10/29/2017	19:42:35	13.8	ug/m <sup>3</sup>
10/29/2017	19:43:35	13.7	ug/m <sup>3</sup>
10/29/2017	19:44:35	14.3	ug/m <sup>3</sup>
10/29/2017	19:45:35	14.2	ug/m <sup>3</sup>
10/29/2017	19:46:35	13.7	ug/m <sup>3</sup>
10/29/2017	19:47:35	13.4	ug/m <sup>3</sup>
10/29/2017	19:48:35	13	ug/m <sup>3</sup>
10/29/2017	19:49:35	12.6	ug/m <sup>3</sup>
10/29/2017	19:50:35	12.8	ug/m <sup>3</sup>
10/29/2017	19:51:35	12.7	ug/m <sup>3</sup>
10/29/2017	19:52:35	12.3	ug/m <sup>3</sup>
10/29/2017	19:53:35	12.6	ug/m <sup>3</sup>
10/29/2017	19:54:35	12.3	ug/m <sup>3</sup>
10/29/2017	19:55:35	13	ug/m <sup>3</sup>
10/29/2017	19:56:35	12.9	ug/m <sup>3</sup>
10/29/2017	19:57:35	12.6	ug/m <sup>3</sup>
10/29/2017	19:58:35	13	ug/m <sup>3</sup>
10/29/2017	19:59:35	12.8	ug/m <sup>3</sup>
10/29/2017	20:00:35	12.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
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10/29/2017	20:02:35	12.3	ug/m <sup>3</sup>
10/29/2017	20:03:35	13.2	ug/m <sup>3</sup>
10/29/2017	20:04:35	12.3	ug/m <sup>3</sup>
10/29/2017	20:05:35	11.8	ug/m <sup>3</sup>
10/29/2017	20:06:35	12.6	ug/m <sup>3</sup>
10/29/2017	20:07:35	12.6	ug/m <sup>3</sup>
10/29/2017	20:08:35	12.1	ug/m <sup>3</sup>
10/29/2017	20:09:35	12	ug/m <sup>3</sup>
10/29/2017	20:10:35	12.3	ug/m <sup>3</sup>
10/29/2017	20:11:35	12.6	ug/m <sup>3</sup>
10/29/2017	20:12:35	12.5	ug/m <sup>3</sup>
10/29/2017	20:13:35	12.7	ug/m <sup>3</sup>
10/29/2017	20:14:35	12.2	ug/m <sup>3</sup>
10/29/2017	20:15:35	12.7	ug/m <sup>3</sup>
10/29/2017	20:16:35	12.4	ug/m <sup>3</sup>
10/29/2017	20:17:35	12.5	ug/m <sup>3</sup>
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10/29/2017	20:19:35	12.6	ug/m <sup>3</sup>
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10/29/2017	20:23:35	12.7	ug/m <sup>3</sup>
10/29/2017	20:24:35	13.1	ug/m <sup>3</sup>
10/29/2017	20:25:35	13.3	ug/m <sup>3</sup>
10/29/2017	20:26:35	13.4	ug/m <sup>3</sup>
10/29/2017	20:27:35	13.1	ug/m <sup>3</sup>
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10/29/2017	20:29:35	12.9	ug/m <sup>3</sup>
10/29/2017	20:30:35	13.1	ug/m <sup>3</sup>
10/29/2017	20:31:35	12.7	ug/m <sup>3</sup>
10/29/2017	20:32:35	12.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017 Latitude: 39.2482 Longitude: -81.5196			
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10/29/2017	20:34:35	12.8	ug/m <sup>3</sup>
10/29/2017	20:35:35	13	ug/m <sup>3</sup>
10/29/2017	20:36:35	12.8	ug/m <sup>3</sup>
10/29/2017	20:37:35	13	ug/m <sup>3</sup>
10/29/2017	20:38:35	13.1	ug/m <sup>3</sup>
10/29/2017	20:39:35	12.1	ug/m <sup>3</sup>
10/29/2017	20:40:35	12.6	ug/m <sup>3</sup>
10/29/2017	20:41:35	12.1	ug/m <sup>3</sup>
10/29/2017	20:42:35	13.1	ug/m <sup>3</sup>
10/29/2017	20:43:35	13.3	ug/m <sup>3</sup>
10/29/2017	20:44:35	13.5	ug/m <sup>3</sup>
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10/29/2017	20:56:35	14.2	ug/m <sup>3</sup>
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10/29/2017	21:01:35	14.3	ug/m <sup>3</sup>
10/29/2017	21:02:35	14.2	ug/m <sup>3</sup>
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US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
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10/29/2017	21:07:35	14.3	ug/m <sup>3</sup>
10/29/2017	21:08:35	14.5	ug/m <sup>3</sup>
10/29/2017	21:09:35	14.5	ug/m <sup>3</sup>
10/29/2017	21:10:35	14	ug/m <sup>3</sup>
10/29/2017	21:11:35	14.1	ug/m <sup>3</sup>
10/29/2017	21:12:35	13.7	ug/m <sup>3</sup>
10/29/2017	21:13:35	14.1	ug/m <sup>3</sup>
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US EPA - Air Monitoring Summary			
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10/29/2017	22:38:35	12.6	ug/m <sup>3</sup>
10/29/2017	22:39:35	12.4	ug/m <sup>3</sup>
10/29/2017	22:40:35	12	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	22:41:35	11.8	ug/m <sup>3</sup>
10/29/2017	22:42:35	12.1	ug/m <sup>3</sup>
10/29/2017	22:43:35	11.9	ug/m <sup>3</sup>
10/29/2017	22:44:35	11.9	ug/m <sup>3</sup>
10/29/2017	22:45:35	11.8	ug/m <sup>3</sup>
10/29/2017	22:46:35	12	ug/m <sup>3</sup>
10/29/2017	22:47:35	11.6	ug/m <sup>3</sup>
10/29/2017	22:48:35	11.3	ug/m <sup>3</sup>
10/29/2017	22:49:35	11.5	ug/m <sup>3</sup>
10/29/2017	22:50:35	11.5	ug/m <sup>3</sup>
10/29/2017	22:51:35	11.4	ug/m <sup>3</sup>
10/29/2017	22:52:35	12	ug/m <sup>3</sup>
10/29/2017	22:53:35	11.5	ug/m <sup>3</sup>
10/29/2017	22:54:35	11.9	ug/m <sup>3</sup>
10/29/2017	22:55:35	11.8	ug/m <sup>3</sup>
10/29/2017	22:56:35	11.9	ug/m <sup>3</sup>
10/29/2017	22:57:35	11.7	ug/m <sup>3</sup>
10/29/2017	22:58:35	11.7	ug/m <sup>3</sup>
10/29/2017	22:59:35	11.4	ug/m <sup>3</sup>
10/29/2017	23:00:35	11.3	ug/m <sup>3</sup>
10/29/2017	23:01:35	11.5	ug/m <sup>3</sup>
10/29/2017	23:02:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:03:35	11.3	ug/m <sup>3</sup>
10/29/2017	23:04:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:05:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:06:35	11.3	ug/m <sup>3</sup>
10/29/2017	23:07:35	11.3	ug/m <sup>3</sup>
10/29/2017	23:08:35	11.5	ug/m <sup>3</sup>
10/29/2017	23:09:35	11.3	ug/m <sup>3</sup>
10/29/2017	23:10:35	11.8	ug/m <sup>3</sup>
10/29/2017	23:11:35	11.4	ug/m <sup>3</sup>
10/29/2017	23:12:35	11.5	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	23:13:35	11.3	ug/m <sup>3</sup>
10/29/2017	23:14:35	11.4	ug/m <sup>3</sup>
10/29/2017	23:15:35	11.1	ug/m <sup>3</sup>
10/29/2017	23:16:35	11.7	ug/m <sup>3</sup>
10/29/2017	23:17:35	11.2	ug/m <sup>3</sup>
10/29/2017	23:18:35	11.7	ug/m <sup>3</sup>
10/29/2017	23:19:35	11.2	ug/m <sup>3</sup>
10/29/2017	23:20:35	11.2	ug/m <sup>3</sup>
10/29/2017	23:21:35	11.7	ug/m <sup>3</sup>
10/29/2017	23:22:35	11.5	ug/m <sup>3</sup>
10/29/2017	23:23:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:24:35	12	ug/m <sup>3</sup>
10/29/2017	23:25:35	11.5	ug/m <sup>3</sup>
10/29/2017	23:26:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:27:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:28:35	11.4	ug/m <sup>3</sup>
10/29/2017	23:29:35	11.3	ug/m <sup>3</sup>
10/29/2017	23:30:35	11.2	ug/m <sup>3</sup>
10/29/2017	23:31:35	11.2	ug/m <sup>3</sup>
10/29/2017	23:32:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:33:35	11.5	ug/m <sup>3</sup>
10/29/2017	23:34:35	11.3	ug/m <sup>3</sup>
10/29/2017	23:35:35	11.5	ug/m <sup>3</sup>
10/29/2017	23:36:35	11.4	ug/m <sup>3</sup>
10/29/2017	23:37:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:38:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:39:35	11.4	ug/m <sup>3</sup>
10/29/2017	23:40:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:41:35	12.1	ug/m <sup>3</sup>
10/29/2017	23:42:35	11.8	ug/m <sup>3</sup>
10/29/2017	23:43:35	11.4	ug/m <sup>3</sup>
10/29/2017	23:44:35	11.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/29/2017	23:45:35	11.7	ug/m <sup>3</sup>
10/29/2017	23:46:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:47:35	11.7	ug/m <sup>3</sup>
10/29/2017	23:48:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:49:35	12	ug/m <sup>3</sup>
10/29/2017	23:50:35	11.8	ug/m <sup>3</sup>
10/29/2017	23:51:35	11.3	ug/m <sup>3</sup>
10/29/2017	23:52:35	11.7	ug/m <sup>3</sup>
10/29/2017	23:53:35	11.9	ug/m <sup>3</sup>
10/29/2017	23:54:35	11.6	ug/m <sup>3</sup>
10/29/2017	23:55:35	11.7	ug/m <sup>3</sup>
10/29/2017	23:56:35	11.9	ug/m <sup>3</sup>
10/29/2017	23:57:35	11.8	ug/m <sup>3</sup>
10/29/2017	23:58:35	12.3	ug/m <sup>3</sup>
10/29/2017	23:59:35	11.9	ug/m <sup>3</sup>
10/30/2017	0:00:35	12.3	ug/m <sup>3</sup>
10/30/2017	0:01:35	11.9	ug/m <sup>3</sup>
10/30/2017	0:02:35	12.3	ug/m <sup>3</sup>
10/30/2017	0:03:35	12	ug/m <sup>3</sup>
10/30/2017	0:04:35	11.9	ug/m <sup>3</sup>
10/30/2017	0:05:35	12.5	ug/m <sup>3</sup>
10/30/2017	0:06:35	12.6	ug/m <sup>3</sup>
10/30/2017	0:07:35	12.7	ug/m <sup>3</sup>
10/30/2017	0:08:35	12.2	ug/m <sup>3</sup>
10/30/2017	0:09:35	12.8	ug/m <sup>3</sup>
10/30/2017	0:10:35	12.2	ug/m <sup>3</sup>
10/30/2017	0:11:35	12.1	ug/m <sup>3</sup>
10/30/2017	0:12:35	12.7	ug/m <sup>3</sup>
10/30/2017	0:13:35	12	ug/m <sup>3</sup>
10/30/2017	0:14:35	11.8	ug/m <sup>3</sup>
10/30/2017	0:15:35	12.2	ug/m <sup>3</sup>
10/30/2017	0:16:35	12.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/29/2017 to 10/30/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	17 hours, 32 minutes		
Maximum Reading:	16.13 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	11.8 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	0:17:35	12.1	ug/m <sup>3</sup>
10/30/2017	0:18:35	12.3	ug/m <sup>3</sup>
10/30/2017	0:19:35	12.4	ug/m <sup>3</sup>
10/30/2017	0:20:35	12.3	ug/m <sup>3</sup>
10/30/2017	0:21:35	12.2	ug/m <sup>3</sup>
10/30/2017	0:22:35	12.5	ug/m <sup>3</sup>
10/30/2017	0:23:35	12.7	ug/m <sup>3</sup>
10/30/2017	0:24:35	12.6	ug/m <sup>3</sup>
10/30/2017	0:25:35	12.6	ug/m <sup>3</sup>
10/30/2017	0:26:35	12.6	ug/m <sup>3</sup>
10/30/2017	0:27:35	12.8	ug/m <sup>3</sup>
10/30/2017	0:28:35	13.3	ug/m <sup>3</sup>
10/30/2017	0:29:35	13.7	ug/m <sup>3</sup>
10/30/2017	0:30:35	13.6	ug/m <sup>3</sup>
10/30/2017	0:31:35	14	ug/m <sup>3</sup>
10/30/2017	0:32:35	13.9	ug/m <sup>3</sup>
10/30/2017	0:33:35	13.9	ug/m <sup>3</sup>
10/30/2017	0:34:35	14.2	ug/m <sup>3</sup>
10/30/2017	0:35:35	14.3	ug/m <sup>3</sup>
10/30/2017	0:36:35	14.8	ug/m <sup>3</sup>
10/30/2017	0:37:35	14.7	ug/m <sup>3</sup>
10/30/2017	0:38:35	14.7	ug/m <sup>3</sup>
10/30/2017	0:39:35	14.9	ug/m <sup>3</sup>
10/30/2017	0:40:35	15.6	ug/m <sup>3</sup>
10/30/2017	0:41:35	15.7	ug/m <sup>3</sup>
10/30/2017	0:42:35	15.7	ug/m <sup>3</sup>
10/30/2017	0:43:35	16.1	ug/m <sup>3</sup>
10/30/2017	0:44:35	16	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	3:31:49	5.3	ug/m <sup>3</sup>
10/30/2017	3:32:49	6	ug/m <sup>3</sup>
10/30/2017	3:33:49	5.5	ug/m <sup>3</sup>
10/30/2017	3:34:49	5.8	ug/m <sup>3</sup>
10/30/2017	3:35:49	5.4	ug/m <sup>3</sup>
10/30/2017	3:36:49	5.4	ug/m <sup>3</sup>
10/30/2017	3:37:49	5.3	ug/m <sup>3</sup>
10/30/2017	3:38:49	5.7	ug/m <sup>3</sup>
10/30/2017	3:39:49	5.5	ug/m <sup>3</sup>
10/30/2017	3:40:49	5.9	ug/m <sup>3</sup>
10/30/2017	3:41:49	5.5	ug/m <sup>3</sup>
10/30/2017	3:42:49	5.6	ug/m <sup>3</sup>
10/30/2017	3:43:49	6.1	ug/m <sup>3</sup>
10/30/2017	3:44:49	5.9	ug/m <sup>3</sup>
10/30/2017	3:45:49	6.2	ug/m <sup>3</sup>
10/30/2017	3:46:49	6.2	ug/m <sup>3</sup>
10/30/2017	3:47:49	6.1	ug/m <sup>3</sup>
10/30/2017	3:48:49	6	ug/m <sup>3</sup>
10/30/2017	3:49:49	6.1	ug/m <sup>3</sup>
10/30/2017	3:50:49	6	ug/m <sup>3</sup>
10/30/2017	3:51:49	6	ug/m <sup>3</sup>
10/30/2017	3:52:49	6.5	ug/m <sup>3</sup>
10/30/2017	3:53:49	6.7	ug/m <sup>3</sup>
10/30/2017	3:54:49	6.7	ug/m <sup>3</sup>
10/30/2017	3:55:49	6.6	ug/m <sup>3</sup>
10/30/2017	3:56:49	6.8	ug/m <sup>3</sup>
10/30/2017	3:57:49	6.7	ug/m <sup>3</sup>
10/30/2017	3:58:49	6.6	ug/m <sup>3</sup>
10/30/2017	3:59:49	6.7	ug/m <sup>3</sup>
10/30/2017	4:00:49	7	ug/m <sup>3</sup>
10/30/2017	4:01:49	6.6	ug/m <sup>3</sup>
10/30/2017	4:02:49	6.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	4:03:49	7.8	ug/m <sup>3</sup>
10/30/2017	4:04:49	7	ug/m <sup>3</sup>
10/30/2017	4:05:49	7.1	ug/m <sup>3</sup>
10/30/2017	4:06:49	6.8	ug/m <sup>3</sup>
10/30/2017	4:07:49	7.2	ug/m <sup>3</sup>
10/30/2017	4:08:49	6.9	ug/m <sup>3</sup>
10/30/2017	4:09:49	7.4	ug/m <sup>3</sup>
10/30/2017	4:10:49	6.9	ug/m <sup>3</sup>
10/30/2017	4:11:49	7.8	ug/m <sup>3</sup>
10/30/2017	4:12:49	7.9	ug/m <sup>3</sup>
10/30/2017	4:13:49	7.3	ug/m <sup>3</sup>
10/30/2017	4:14:49	7.7	ug/m <sup>3</sup>
10/30/2017	4:15:49	7.8	ug/m <sup>3</sup>
10/30/2017	4:16:49	7.9	ug/m <sup>3</sup>
10/30/2017	4:17:49	7.7	ug/m <sup>3</sup>
10/30/2017	4:18:49	7.9	ug/m <sup>3</sup>
10/30/2017	4:19:49	8.4	ug/m <sup>3</sup>
10/30/2017	4:20:49	8	ug/m <sup>3</sup>
10/30/2017	4:21:49	8.2	ug/m <sup>3</sup>
10/30/2017	4:22:49	8.4	ug/m <sup>3</sup>
10/30/2017	4:23:49	8.4	ug/m <sup>3</sup>
10/30/2017	4:24:49	8.4	ug/m <sup>3</sup>
10/30/2017	4:25:49	8.8	ug/m <sup>3</sup>
10/30/2017	4:26:49	8.1	ug/m <sup>3</sup>
10/30/2017	4:27:49	8.7	ug/m <sup>3</sup>
10/30/2017	4:28:49	8.9	ug/m <sup>3</sup>
10/30/2017	4:29:49	9.2	ug/m <sup>3</sup>
10/30/2017	4:30:49	8.8	ug/m <sup>3</sup>
10/30/2017	4:31:49	8.9	ug/m <sup>3</sup>
10/30/2017	4:32:49	8.5	ug/m <sup>3</sup>
10/30/2017	4:33:49	8.8	ug/m <sup>3</sup>
10/30/2017	4:34:49	9.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	4:35:49	9.1	ug/m <sup>3</sup>
10/30/2017	4:36:49	9.2	ug/m <sup>3</sup>
10/30/2017	4:37:49	9.5	ug/m <sup>3</sup>
10/30/2017	4:38:49	9.4	ug/m <sup>3</sup>
10/30/2017	4:39:49	9.8	ug/m <sup>3</sup>
10/30/2017	4:40:49	9.8	ug/m <sup>3</sup>
10/30/2017	4:41:49	10	ug/m <sup>3</sup>
10/30/2017	4:42:49	9.9	ug/m <sup>3</sup>
10/30/2017	4:43:49	10.4	ug/m <sup>3</sup>
10/30/2017	4:44:49	10.9	ug/m <sup>3</sup>
10/30/2017	4:45:49	10.3	ug/m <sup>3</sup>
10/30/2017	4:46:49	10.3	ug/m <sup>3</sup>
10/30/2017	4:47:49	10.3	ug/m <sup>3</sup>
10/30/2017	4:48:49	10.2	ug/m <sup>3</sup>
10/30/2017	4:49:49	10.6	ug/m <sup>3</sup>
10/30/2017	4:50:49	11.7	ug/m <sup>3</sup>
10/30/2017	4:51:49	10.2	ug/m <sup>3</sup>
10/30/2017	4:52:49	10.2	ug/m <sup>3</sup>
10/30/2017	4:53:49	10.9	ug/m <sup>3</sup>
10/30/2017	4:54:49	11.6	ug/m <sup>3</sup>
10/30/2017	4:55:49	11.3	ug/m <sup>3</sup>
10/30/2017	4:56:49	11.3	ug/m <sup>3</sup>
10/30/2017	4:57:49	11.3	ug/m <sup>3</sup>
10/30/2017	4:58:49	11	ug/m <sup>3</sup>
10/30/2017	4:59:49	11.3	ug/m <sup>3</sup>
10/30/2017	5:00:49	11.3	ug/m <sup>3</sup>
10/30/2017	5:01:49	11.1	ug/m <sup>3</sup>
10/30/2017	5:02:49	11.6	ug/m <sup>3</sup>
10/30/2017	5:03:49	11.4	ug/m <sup>3</sup>
10/30/2017	5:04:49	11.3	ug/m <sup>3</sup>
10/30/2017	5:05:49	11.5	ug/m <sup>3</sup>
10/30/2017	5:06:49	11.6	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	5:07:49	11.9	ug/m <sup>3</sup>
10/30/2017	5:08:49	11	ug/m <sup>3</sup>
10/30/2017	5:09:49	11.6	ug/m <sup>3</sup>
10/30/2017	5:10:49	12.2	ug/m <sup>3</sup>
10/30/2017	5:11:49	11.6	ug/m <sup>3</sup>
10/30/2017	5:12:49	11.7	ug/m <sup>3</sup>
10/30/2017	5:13:49	12.2	ug/m <sup>3</sup>
10/30/2017	5:14:49	12.2	ug/m <sup>3</sup>
10/30/2017	5:15:49	12.7	ug/m <sup>3</sup>
10/30/2017	5:16:49	12	ug/m <sup>3</sup>
10/30/2017	5:17:49	12.3	ug/m <sup>3</sup>
10/30/2017	5:18:49	12.3	ug/m <sup>3</sup>
10/30/2017	5:19:49	12.3	ug/m <sup>3</sup>
10/30/2017	5:20:49	12.4	ug/m <sup>3</sup>
10/30/2017	5:21:49	12.5	ug/m <sup>3</sup>
10/30/2017	5:22:49	11.9	ug/m <sup>3</sup>
10/30/2017	5:23:49	12.1	ug/m <sup>3</sup>
10/30/2017	5:24:49	12.2	ug/m <sup>3</sup>
10/30/2017	5:25:49	11.9	ug/m <sup>3</sup>
10/30/2017	5:26:49	12.6	ug/m <sup>3</sup>
10/30/2017	5:27:49	11.8	ug/m <sup>3</sup>
10/30/2017	5:28:49	12.5	ug/m <sup>3</sup>
10/30/2017	5:29:49	12.4	ug/m <sup>3</sup>
10/30/2017	5:30:49	12.3	ug/m <sup>3</sup>
10/30/2017	5:31:49	12	ug/m <sup>3</sup>
10/30/2017	5:32:49	13.1	ug/m <sup>3</sup>
10/30/2017	5:33:49	12.9	ug/m <sup>3</sup>
10/30/2017	5:34:49	12.7	ug/m <sup>3</sup>
10/30/2017	5:35:49	12.8	ug/m <sup>3</sup>
10/30/2017	5:36:49	12.4	ug/m <sup>3</sup>
10/30/2017	5:37:49	12.4	ug/m <sup>3</sup>
10/30/2017	5:38:49	12.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	5:39:49	12.4	ug/m <sup>3</sup>
10/30/2017	5:40:49	12.6	ug/m <sup>3</sup>
10/30/2017	5:41:49	11.9	ug/m <sup>3</sup>
10/30/2017	5:42:49	12.4	ug/m <sup>3</sup>
10/30/2017	5:43:49	11.7	ug/m <sup>3</sup>
10/30/2017	5:44:49	12.7	ug/m <sup>3</sup>
10/30/2017	5:45:49	12.3	ug/m <sup>3</sup>
10/30/2017	5:46:49	13	ug/m <sup>3</sup>
10/30/2017	5:47:49	12.7	ug/m <sup>3</sup>
10/30/2017	5:48:49	12.5	ug/m <sup>3</sup>
10/30/2017	5:49:49	11.7	ug/m <sup>3</sup>
10/30/2017	5:50:49	11.8	ug/m <sup>3</sup>
10/30/2017	5:51:49	11.8	ug/m <sup>3</sup>
10/30/2017	5:52:49	12.4	ug/m <sup>3</sup>
10/30/2017	5:53:49	12.7	ug/m <sup>3</sup>
10/30/2017	5:54:49	12.2	ug/m <sup>3</sup>
10/30/2017	5:55:49	12.4	ug/m <sup>3</sup>
10/30/2017	5:56:49	12.9	ug/m <sup>3</sup>
10/30/2017	5:57:49	13.2	ug/m <sup>3</sup>
10/30/2017	5:58:49	12.8	ug/m <sup>3</sup>
10/30/2017	5:59:49	12.5	ug/m <sup>3</sup>
10/30/2017	6:00:49	12.6	ug/m <sup>3</sup>
10/30/2017	6:01:49	12.2	ug/m <sup>3</sup>
10/30/2017	6:02:49	11.9	ug/m <sup>3</sup>
10/30/2017	6:03:49	12.8	ug/m <sup>3</sup>
10/30/2017	6:04:49	12.5	ug/m <sup>3</sup>
10/30/2017	6:05:49	12.9	ug/m <sup>3</sup>
10/30/2017	6:06:49	12.8	ug/m <sup>3</sup>
10/30/2017	6:07:49	12	ug/m <sup>3</sup>
10/30/2017	6:08:49	12.1	ug/m <sup>3</sup>
10/30/2017	6:09:49	11.8	ug/m <sup>3</sup>
10/30/2017	6:10:49	11.5	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	6:11:49	11.9	ug/m <sup>3</sup>
10/30/2017	6:12:49	12.4	ug/m <sup>3</sup>
10/30/2017	6:13:49	11.9	ug/m <sup>3</sup>
10/30/2017	6:14:49	12.1	ug/m <sup>3</sup>
10/30/2017	6:15:49	12.2	ug/m <sup>3</sup>
10/30/2017	6:16:49	11.7	ug/m <sup>3</sup>
10/30/2017	6:17:49	12.8	ug/m <sup>3</sup>
10/30/2017	6:18:49	12.7	ug/m <sup>3</sup>
10/30/2017	6:19:49	12.2	ug/m <sup>3</sup>
10/30/2017	6:20:49	11.9	ug/m <sup>3</sup>
10/30/2017	6:21:49	13.3	ug/m <sup>3</sup>
10/30/2017	6:22:49	13.2	ug/m <sup>3</sup>
10/30/2017	6:23:49	12.3	ug/m <sup>3</sup>
10/30/2017	6:24:49	12.3	ug/m <sup>3</sup>
10/30/2017	6:25:49	12.6	ug/m <sup>3</sup>
10/30/2017	6:26:49	13	ug/m <sup>3</sup>
10/30/2017	6:27:49	12.4	ug/m <sup>3</sup>
10/30/2017	6:28:49	12.5	ug/m <sup>3</sup>
10/30/2017	6:29:49	12.3	ug/m <sup>3</sup>
10/30/2017	6:30:49	12.2	ug/m <sup>3</sup>
10/30/2017	6:31:49	12.8	ug/m <sup>3</sup>
10/30/2017	6:32:49	12.4	ug/m <sup>3</sup>
10/30/2017	6:33:49	12.2	ug/m <sup>3</sup>
10/30/2017	6:34:49	13.4	ug/m <sup>3</sup>
10/30/2017	6:35:49	12.2	ug/m <sup>3</sup>
10/30/2017	6:36:49	12.2	ug/m <sup>3</sup>
10/30/2017	6:37:49	12.1	ug/m <sup>3</sup>
10/30/2017	6:38:49	11.6	ug/m <sup>3</sup>
10/30/2017	6:39:49	12.2	ug/m <sup>3</sup>
10/30/2017	6:40:49	12.1	ug/m <sup>3</sup>
10/30/2017	6:41:49	12.4	ug/m <sup>3</sup>
10/30/2017	6:42:49	12.5	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
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Instrument Readings			
Date	Time	Result	Units
10/30/2017	6:43:49	12.3	ug/m <sup>3</sup>
10/30/2017	6:44:49	12.5	ug/m <sup>3</sup>
10/30/2017	6:45:49	12.5	ug/m <sup>3</sup>
10/30/2017	6:46:49	12.2	ug/m <sup>3</sup>
10/30/2017	6:47:49	12.1	ug/m <sup>3</sup>
10/30/2017	6:48:49	12.8	ug/m <sup>3</sup>
10/30/2017	6:49:49	12.3	ug/m <sup>3</sup>
10/30/2017	6:50:49	12.8	ug/m <sup>3</sup>
10/30/2017	6:51:49	12.6	ug/m <sup>3</sup>
10/30/2017	6:52:49	12.5	ug/m <sup>3</sup>
10/30/2017	6:53:49	12.8	ug/m <sup>3</sup>
10/30/2017	6:54:49	13.2	ug/m <sup>3</sup>
10/30/2017	6:55:49	12.6	ug/m <sup>3</sup>
10/30/2017	6:56:49	12.8	ug/m <sup>3</sup>
10/30/2017	6:57:49	13.3	ug/m <sup>3</sup>
10/30/2017	6:58:49	12.8	ug/m <sup>3</sup>
10/30/2017	6:59:49	13.2	ug/m <sup>3</sup>
10/30/2017	7:00:49	13.7	ug/m <sup>3</sup>
10/30/2017	7:01:49	12.6	ug/m <sup>3</sup>
10/30/2017	7:02:49	13.7	ug/m <sup>3</sup>
10/30/2017	7:03:49	13.2	ug/m <sup>3</sup>
10/30/2017	7:04:49	13.1	ug/m <sup>3</sup>
10/30/2017	7:05:49	13.4	ug/m <sup>3</sup>
10/30/2017	7:06:49	13.3	ug/m <sup>3</sup>
10/30/2017	7:07:49	13.6	ug/m <sup>3</sup>
10/30/2017	7:08:49	13.7	ug/m <sup>3</sup>
10/30/2017	7:09:49	14.2	ug/m <sup>3</sup>
10/30/2017	7:10:49	14.2	ug/m <sup>3</sup>
10/30/2017	7:11:49	14	ug/m <sup>3</sup>
10/30/2017	7:12:49	14.4	ug/m <sup>3</sup>
10/30/2017	7:13:49	13.5	ug/m <sup>3</sup>
10/30/2017	7:14:49	13.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
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Instrument Readings			
Date	Time	Result	Units
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10/30/2017	7:16:49	14	ug/m <sup>3</sup>
10/30/2017	7:17:49	14.2	ug/m <sup>3</sup>
10/30/2017	7:18:49	13.9	ug/m <sup>3</sup>
10/30/2017	7:19:49	14	ug/m <sup>3</sup>
10/30/2017	7:20:49	14.1	ug/m <sup>3</sup>
10/30/2017	7:21:49	14.1	ug/m <sup>3</sup>
10/30/2017	7:22:49	13.7	ug/m <sup>3</sup>
10/30/2017	7:23:49	13.7	ug/m <sup>3</sup>
10/30/2017	7:24:49	13.8	ug/m <sup>3</sup>
10/30/2017	7:25:49	13.8	ug/m <sup>3</sup>
10/30/2017	7:26:49	13.7	ug/m <sup>3</sup>
10/30/2017	7:27:49	13.7	ug/m <sup>3</sup>
10/30/2017	7:28:49	15	ug/m <sup>3</sup>
10/30/2017	7:29:49	14.6	ug/m <sup>3</sup>
10/30/2017	7:30:49	14.4	ug/m <sup>3</sup>
10/30/2017	7:31:49	14.2	ug/m <sup>3</sup>
10/30/2017	7:32:49	14.5	ug/m <sup>3</sup>
10/30/2017	7:33:49	14.3	ug/m <sup>3</sup>
10/30/2017	7:34:49	14	ug/m <sup>3</sup>
10/30/2017	7:35:49	15	ug/m <sup>3</sup>
10/30/2017	7:36:49	14.7	ug/m <sup>3</sup>
10/30/2017	7:37:49	13.9	ug/m <sup>3</sup>
10/30/2017	7:38:49	14.6	ug/m <sup>3</sup>
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10/30/2017	7:42:49	14.8	ug/m <sup>3</sup>
10/30/2017	7:43:49	16.2	ug/m <sup>3</sup>
10/30/2017	7:44:49	16.6	ug/m <sup>3</sup>
10/30/2017	7:45:49	16.9	ug/m <sup>3</sup>
10/30/2017	7:46:49	16.5	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	7:47:49	16.7	ug/m <sup>3</sup>
10/30/2017	7:48:49	17	ug/m <sup>3</sup>
10/30/2017	7:49:49	17.4	ug/m <sup>3</sup>
10/30/2017	7:50:49	16.6	ug/m <sup>3</sup>
10/30/2017	7:51:49	16.7	ug/m <sup>3</sup>
10/30/2017	7:52:49	16.9	ug/m <sup>3</sup>
10/30/2017	7:53:49	16.4	ug/m <sup>3</sup>
10/30/2017	7:54:49	17.2	ug/m <sup>3</sup>
10/30/2017	7:55:49	17.4	ug/m <sup>3</sup>
10/30/2017	7:56:49	17.1	ug/m <sup>3</sup>
10/30/2017	7:57:49	16.8	ug/m <sup>3</sup>
10/30/2017	7:58:49	16.6	ug/m <sup>3</sup>
10/30/2017	7:59:49	16.3	ug/m <sup>3</sup>
10/30/2017	8:00:49	15.8	ug/m <sup>3</sup>
10/30/2017	8:01:49	15.5	ug/m <sup>3</sup>
10/30/2017	8:02:49	16.7	ug/m <sup>3</sup>
10/30/2017	8:03:49	16.3	ug/m <sup>3</sup>
10/30/2017	8:04:49	16.1	ug/m <sup>3</sup>
10/30/2017	8:05:49	16.7	ug/m <sup>3</sup>
10/30/2017	8:06:49	16.7	ug/m <sup>3</sup>
10/30/2017	8:07:49	16.6	ug/m <sup>3</sup>
10/30/2017	8:08:49	15.8	ug/m <sup>3</sup>
10/30/2017	8:09:49	16.1	ug/m <sup>3</sup>
10/30/2017	8:10:49	16.1	ug/m <sup>3</sup>
10/30/2017	8:11:49	15.7	ug/m <sup>3</sup>
10/30/2017	8:12:49	16.2	ug/m <sup>3</sup>
10/30/2017	8:13:49	15.7	ug/m <sup>3</sup>
10/30/2017	8:14:49	16.5	ug/m <sup>3</sup>
10/30/2017	8:15:49	16.2	ug/m <sup>3</sup>
10/30/2017	8:16:49	15.7	ug/m <sup>3</sup>
10/30/2017	8:17:49	15.6	ug/m <sup>3</sup>
10/30/2017	8:18:49	15.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
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Date	Time	Result	Units
10/30/2017	8:19:49	15.2	ug/m <sup>3</sup>
10/30/2017	8:20:49	15.5	ug/m <sup>3</sup>
10/30/2017	8:21:49	15.8	ug/m <sup>3</sup>
10/30/2017	8:22:49	15.9	ug/m <sup>3</sup>
10/30/2017	8:23:49	15.7	ug/m <sup>3</sup>
10/30/2017	8:24:49	15.1	ug/m <sup>3</sup>
10/30/2017	8:25:49	15.1	ug/m <sup>3</sup>
10/30/2017	8:26:49	15.2	ug/m <sup>3</sup>
10/30/2017	8:27:49	15.1	ug/m <sup>3</sup>
10/30/2017	8:28:49	15.3	ug/m <sup>3</sup>
10/30/2017	8:29:49	14.2	ug/m <sup>3</sup>
10/30/2017	8:30:49	15	ug/m <sup>3</sup>
10/30/2017	8:31:49	14.2	ug/m <sup>3</sup>
10/30/2017	8:32:49	15.1	ug/m <sup>3</sup>
10/30/2017	8:33:49	16.5	ug/m <sup>3</sup>
10/30/2017	8:34:49	14.7	ug/m <sup>3</sup>
10/30/2017	8:35:49	14.7	ug/m <sup>3</sup>
10/30/2017	8:36:49	15.3	ug/m <sup>3</sup>
10/30/2017	8:37:49	14.6	ug/m <sup>3</sup>
10/30/2017	8:38:49	13.9	ug/m <sup>3</sup>
10/30/2017	8:39:49	13.6	ug/m <sup>3</sup>
10/30/2017	8:40:49	14.5	ug/m <sup>3</sup>
10/30/2017	8:41:49	13.8	ug/m <sup>3</sup>
10/30/2017	8:42:49	13.9	ug/m <sup>3</sup>
10/30/2017	8:43:49	13.4	ug/m <sup>3</sup>
10/30/2017	8:44:49	13.3	ug/m <sup>3</sup>
10/30/2017	8:45:49	13.3	ug/m <sup>3</sup>
10/30/2017	8:46:49	13.3	ug/m <sup>3</sup>
10/30/2017	8:47:49	13	ug/m <sup>3</sup>
10/30/2017	8:48:49	12.5	ug/m <sup>3</sup>
10/30/2017	8:49:49	13.1	ug/m <sup>3</sup>
10/30/2017	8:50:49	13.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
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Total Run Time:	22 hours, 14 minutes		
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Date	Time	Result	Units
10/30/2017	8:51:49	13.1	ug/m <sup>3</sup>
10/30/2017	8:52:49	13.7	ug/m <sup>3</sup>
10/30/2017	8:53:49	13.5	ug/m <sup>3</sup>
10/30/2017	8:54:49	13.5	ug/m <sup>3</sup>
10/30/2017	8:55:49	13.1	ug/m <sup>3</sup>
10/30/2017	8:56:49	13.3	ug/m <sup>3</sup>
10/30/2017	8:57:49	13.6	ug/m <sup>3</sup>
10/30/2017	8:58:49	13	ug/m <sup>3</sup>
10/30/2017	8:59:49	13	ug/m <sup>3</sup>
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10/30/2017	9:05:49	14.3	ug/m <sup>3</sup>
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10/30/2017	9:10:49	12.7	ug/m <sup>3</sup>
10/30/2017	9:11:49	13.3	ug/m <sup>3</sup>
10/30/2017	9:12:49	13.1	ug/m <sup>3</sup>
10/30/2017	9:13:49	13.3	ug/m <sup>3</sup>
10/30/2017	9:14:49	12.7	ug/m <sup>3</sup>
10/30/2017	9:15:49	12	ug/m <sup>3</sup>
10/30/2017	9:16:49	12.3	ug/m <sup>3</sup>
10/30/2017	9:17:49	12.4	ug/m <sup>3</sup>
10/30/2017	9:18:49	13.2	ug/m <sup>3</sup>
10/30/2017	9:19:49	11.7	ug/m <sup>3</sup>
10/30/2017	9:20:49	11	ug/m <sup>3</sup>
10/30/2017	9:21:49	11	ug/m <sup>3</sup>
10/30/2017	9:22:49	10.8	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
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Date	Time	Result	Units
10/30/2017	9:23:49	10.5	ug/m <sup>3</sup>
10/30/2017	9:24:49	10.1	ug/m <sup>3</sup>
10/30/2017	9:25:49	10	ug/m <sup>3</sup>
10/30/2017	9:26:49	10.1	ug/m <sup>3</sup>
10/30/2017	9:27:49	10.3	ug/m <sup>3</sup>
10/30/2017	9:28:49	9.8	ug/m <sup>3</sup>
10/30/2017	9:29:49	9	ug/m <sup>3</sup>
10/30/2017	9:30:49	9.3	ug/m <sup>3</sup>
10/30/2017	9:31:49	9.3	ug/m <sup>3</sup>
10/30/2017	9:32:49	9.3	ug/m <sup>3</sup>
10/30/2017	9:33:49	8.9	ug/m <sup>3</sup>
10/30/2017	9:34:49	8.7	ug/m <sup>3</sup>
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10/30/2017	9:48:49	8.6	ug/m <sup>3</sup>
10/30/2017	9:49:49	8.5	ug/m <sup>3</sup>
10/30/2017	9:50:49	7.7	ug/m <sup>3</sup>
10/30/2017	9:51:49	7.9	ug/m <sup>3</sup>
10/30/2017	9:52:49	7.7	ug/m <sup>3</sup>
10/30/2017	9:53:49	7.4	ug/m <sup>3</sup>
10/30/2017	9:54:49	7.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	9:55:49	7.5	ug/m <sup>3</sup>
10/30/2017	9:56:49	7.6	ug/m <sup>3</sup>
10/30/2017	9:57:49	7.4	ug/m <sup>3</sup>
10/30/2017	9:58:49	7.8	ug/m <sup>3</sup>
10/30/2017	9:59:49	7.8	ug/m <sup>3</sup>
10/30/2017	10:00:49	8.2	ug/m <sup>3</sup>
10/30/2017	10:01:49	7.9	ug/m <sup>3</sup>
10/30/2017	10:02:49	7.7	ug/m <sup>3</sup>
10/30/2017	10:03:49	8.2	ug/m <sup>3</sup>
10/30/2017	10:04:49	8.2	ug/m <sup>3</sup>
10/30/2017	10:05:49	8	ug/m <sup>3</sup>
10/30/2017	10:06:49	7.7	ug/m <sup>3</sup>
10/30/2017	10:07:49	8.2	ug/m <sup>3</sup>
10/30/2017	10:08:49	7.7	ug/m <sup>3</sup>
10/30/2017	10:09:49	7.7	ug/m <sup>3</sup>
10/30/2017	10:10:49	7.9	ug/m <sup>3</sup>
10/30/2017	10:11:49	7.5	ug/m <sup>3</sup>
10/30/2017	10:12:49	7.9	ug/m <sup>3</sup>
10/30/2017	10:13:49	7.7	ug/m <sup>3</sup>
10/30/2017	10:14:49	8.1	ug/m <sup>3</sup>
10/30/2017	10:15:49	7.4	ug/m <sup>3</sup>
10/30/2017	10:16:49	7.5	ug/m <sup>3</sup>
10/30/2017	10:17:49	7.3	ug/m <sup>3</sup>
10/30/2017	10:18:49	8.1	ug/m <sup>3</sup>
10/30/2017	10:19:49	7.6	ug/m <sup>3</sup>
10/30/2017	10:20:49	7.4	ug/m <sup>3</sup>
10/30/2017	10:21:49	7.6	ug/m <sup>3</sup>
10/30/2017	10:22:49	8.1	ug/m <sup>3</sup>
10/30/2017	10:23:49	7.2	ug/m <sup>3</sup>
10/30/2017	10:24:49	7.9	ug/m <sup>3</sup>
10/30/2017	10:25:49	7.8	ug/m <sup>3</sup>
10/30/2017	10:26:49	7.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	10:27:49	7.7	ug/m <sup>3</sup>
10/30/2017	10:28:49	9.3	ug/m <sup>3</sup>
10/30/2017	10:29:49	7.9	ug/m <sup>3</sup>
10/30/2017	10:30:49	7.8	ug/m <sup>3</sup>
10/30/2017	10:31:49	7.4	ug/m <sup>3</sup>
10/30/2017	10:32:49	7.7	ug/m <sup>3</sup>
10/30/2017	10:33:49	7.4	ug/m <sup>3</sup>
10/30/2017	10:34:49	7.4	ug/m <sup>3</sup>
10/30/2017	10:35:49	7	ug/m <sup>3</sup>
10/30/2017	10:36:49	7.9	ug/m <sup>3</sup>
10/30/2017	10:37:49	8.1	ug/m <sup>3</sup>
10/30/2017	10:38:49	7.9	ug/m <sup>3</sup>
10/30/2017	10:39:49	7.4	ug/m <sup>3</sup>
10/30/2017	10:40:49	8.2	ug/m <sup>3</sup>
10/30/2017	10:41:49	8.1	ug/m <sup>3</sup>
10/30/2017	10:42:49	8	ug/m <sup>3</sup>
10/30/2017	10:43:49	8.2	ug/m <sup>3</sup>
10/30/2017	10:44:49	8.1	ug/m <sup>3</sup>
10/30/2017	10:45:49	7.9	ug/m <sup>3</sup>
10/30/2017	10:46:49	8.2	ug/m <sup>3</sup>
10/30/2017	10:47:49	9.1	ug/m <sup>3</sup>
10/30/2017	10:48:49	8.6	ug/m <sup>3</sup>
10/30/2017	10:49:49	9.2	ug/m <sup>3</sup>
10/30/2017	10:50:49	8.8	ug/m <sup>3</sup>
10/30/2017	10:51:49	9	ug/m <sup>3</sup>
10/30/2017	10:52:49	8.8	ug/m <sup>3</sup>
10/30/2017	10:53:49	8.1	ug/m <sup>3</sup>
10/30/2017	10:54:49	8.3	ug/m <sup>3</sup>
10/30/2017	10:55:49	8.2	ug/m <sup>3</sup>
10/30/2017	10:56:49	8.4	ug/m <sup>3</sup>
10/30/2017	10:57:49	8.4	ug/m <sup>3</sup>
10/30/2017	10:58:49	8.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	10:59:49	8.8	ug/m <sup>3</sup>
10/30/2017	11:00:49	8.3	ug/m <sup>3</sup>
10/30/2017	11:01:49	8.5	ug/m <sup>3</sup>
10/30/2017	11:02:49	8.1	ug/m <sup>3</sup>
10/30/2017	11:03:49	9	ug/m <sup>3</sup>
10/30/2017	11:04:49	8.6	ug/m <sup>3</sup>
10/30/2017	11:05:49	8.4	ug/m <sup>3</sup>
10/30/2017	11:06:49	8.2	ug/m <sup>3</sup>
10/30/2017	11:07:49	8.2	ug/m <sup>3</sup>
10/30/2017	11:08:49	8.8	ug/m <sup>3</sup>
10/30/2017	11:09:49	8	ug/m <sup>3</sup>
10/30/2017	11:10:49	7.8	ug/m <sup>3</sup>
10/30/2017	11:11:49	8.6	ug/m <sup>3</sup>
10/30/2017	11:12:49	7.9	ug/m <sup>3</sup>
10/30/2017	11:13:49	8	ug/m <sup>3</sup>
10/30/2017	11:14:49	8.2	ug/m <sup>3</sup>
10/30/2017	11:15:49	7.9	ug/m <sup>3</sup>
10/30/2017	11:16:49	8.3	ug/m <sup>3</sup>
10/30/2017	11:17:49	9.2	ug/m <sup>3</sup>
10/30/2017	11:18:49	8.2	ug/m <sup>3</sup>
10/30/2017	11:19:49	8.3	ug/m <sup>3</sup>
10/30/2017	11:20:49	8.8	ug/m <sup>3</sup>
10/30/2017	11:21:49	7.7	ug/m <sup>3</sup>
10/30/2017	11:22:49	9	ug/m <sup>3</sup>
10/30/2017	11:23:49	8.4	ug/m <sup>3</sup>
10/30/2017	11:24:49	7.7	ug/m <sup>3</sup>
10/30/2017	11:25:49	8.4	ug/m <sup>3</sup>
10/30/2017	11:26:49	8.4	ug/m <sup>3</sup>
10/30/2017	11:27:49	9.6	ug/m <sup>3</sup>
10/30/2017	11:28:49	8.3	ug/m <sup>3</sup>
10/30/2017	11:29:49	8.4	ug/m <sup>3</sup>
10/30/2017	11:30:49	8.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
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Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	11:31:49	8.4	ug/m <sup>3</sup>
10/30/2017	11:32:49	8.5	ug/m <sup>3</sup>
10/30/2017	11:33:49	8.5	ug/m <sup>3</sup>
10/30/2017	11:34:49	8.3	ug/m <sup>3</sup>
10/30/2017	11:35:49	8	ug/m <sup>3</sup>
10/30/2017	11:36:49	8.2	ug/m <sup>3</sup>
10/30/2017	11:37:49	9.8	ug/m <sup>3</sup>
10/30/2017	11:38:49	9.7	ug/m <sup>3</sup>
10/30/2017	11:39:49	9.1	ug/m <sup>3</sup>
10/30/2017	11:40:49	11.7	ug/m <sup>3</sup>
10/30/2017	11:41:49	11.5	ug/m <sup>3</sup>
10/30/2017	11:42:49	9.6	ug/m <sup>3</sup>
10/30/2017	11:43:49	10.3	ug/m <sup>3</sup>
10/30/2017	11:44:49	9.3	ug/m <sup>3</sup>
10/30/2017	11:45:49	8.3	ug/m <sup>3</sup>
10/30/2017	11:46:49	8.5	ug/m <sup>3</sup>
10/30/2017	11:47:49	8.1	ug/m <sup>3</sup>
10/30/2017	11:48:49	8.3	ug/m <sup>3</sup>
10/30/2017	11:49:49	8	ug/m <sup>3</sup>
10/30/2017	11:50:49	8.6	ug/m <sup>3</sup>
10/30/2017	11:51:49	8.6	ug/m <sup>3</sup>
10/30/2017	11:52:49	8.8	ug/m <sup>3</sup>
10/30/2017	11:53:49	9.1	ug/m <sup>3</sup>
10/30/2017	11:54:49	7.9	ug/m <sup>3</sup>
10/30/2017	11:55:49	7.8	ug/m <sup>3</sup>
10/30/2017	11:56:49	8.2	ug/m <sup>3</sup>
10/30/2017	11:57:49	7.8	ug/m <sup>3</sup>
10/30/2017	11:58:49	7.6	ug/m <sup>3</sup>
10/30/2017	11:59:49	7.5	ug/m <sup>3</sup>
10/30/2017	12:00:49	7.8	ug/m <sup>3</sup>
10/30/2017	12:01:49	8.1	ug/m <sup>3</sup>
10/30/2017	12:02:49	8.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
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Instrument Readings			
Date	Time	Result	Units
10/30/2017	12:03:49	7.2	ug/m <sup>3</sup>
10/30/2017	12:04:49	7.5	ug/m <sup>3</sup>
10/30/2017	12:05:49	7.5	ug/m <sup>3</sup>
10/30/2017	12:06:49	7.9	ug/m <sup>3</sup>
10/30/2017	12:07:49	7.2	ug/m <sup>3</sup>
10/30/2017	12:08:49	7.2	ug/m <sup>3</sup>
10/30/2017	12:09:49	8.2	ug/m <sup>3</sup>
10/30/2017	12:10:49	7.5	ug/m <sup>3</sup>
10/30/2017	12:11:49	7.4	ug/m <sup>3</sup>
10/30/2017	12:12:49	6.9	ug/m <sup>3</sup>
10/30/2017	12:13:49	7.3	ug/m <sup>3</sup>
10/30/2017	12:14:49	7.2	ug/m <sup>3</sup>
10/30/2017	12:15:49	7.3	ug/m <sup>3</sup>
10/30/2017	12:16:49	7.2	ug/m <sup>3</sup>
10/30/2017	12:17:49	7	ug/m <sup>3</sup>
10/30/2017	12:18:49	6.9	ug/m <sup>3</sup>
10/30/2017	12:19:49	7	ug/m <sup>3</sup>
10/30/2017	12:20:49	8.5	ug/m <sup>3</sup>
10/30/2017	12:21:49	7.3	ug/m <sup>3</sup>
10/30/2017	12:22:49	7	ug/m <sup>3</sup>
10/30/2017	12:23:49	7	ug/m <sup>3</sup>
10/30/2017	12:24:49	7.2	ug/m <sup>3</sup>
10/30/2017	12:25:49	7.2	ug/m <sup>3</sup>
10/30/2017	12:26:49	7.2	ug/m <sup>3</sup>
10/30/2017	12:27:49	6.9	ug/m <sup>3</sup>
10/30/2017	12:28:49	7	ug/m <sup>3</sup>
10/30/2017	12:29:49	7	ug/m <sup>3</sup>
10/30/2017	12:30:49	6.7	ug/m <sup>3</sup>
10/30/2017	12:31:49	7	ug/m <sup>3</sup>
10/30/2017	12:32:49	7.4	ug/m <sup>3</sup>
10/30/2017	12:33:49	6.7	ug/m <sup>3</sup>
10/30/2017	12:34:49	6.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	12:35:49	6.9	ug/m <sup>3</sup>
10/30/2017	12:36:49	6.7	ug/m <sup>3</sup>
10/30/2017	12:37:49	6.5	ug/m <sup>3</sup>
10/30/2017	12:38:49	6.4	ug/m <sup>3</sup>
10/30/2017	12:39:49	7.2	ug/m <sup>3</sup>
10/30/2017	12:40:49	6.7	ug/m <sup>3</sup>
10/30/2017	12:41:49	6.5	ug/m <sup>3</sup>
10/30/2017	12:42:49	6.2	ug/m <sup>3</sup>
10/30/2017	12:43:49	6.9	ug/m <sup>3</sup>
10/30/2017	12:44:49	6.4	ug/m <sup>3</sup>
10/30/2017	12:45:49	6.3	ug/m <sup>3</sup>
10/30/2017	12:46:49	6.1	ug/m <sup>3</sup>
10/30/2017	12:47:49	6.2	ug/m <sup>3</sup>
10/30/2017	12:48:49	6.4	ug/m <sup>3</sup>
10/30/2017	12:49:49	6.3	ug/m <sup>3</sup>
10/30/2017	12:50:49	5.9	ug/m <sup>3</sup>
10/30/2017	12:51:49	6.5	ug/m <sup>3</sup>
10/30/2017	12:52:49	5.9	ug/m <sup>3</sup>
10/30/2017	12:53:49	6.2	ug/m <sup>3</sup>
10/30/2017	12:54:49	6.6	ug/m <sup>3</sup>
10/30/2017	12:55:49	6.2	ug/m <sup>3</sup>
10/30/2017	12:56:49	5.9	ug/m <sup>3</sup>
10/30/2017	12:57:49	5.2	ug/m <sup>3</sup>
10/30/2017	12:58:49	6	ug/m <sup>3</sup>
10/30/2017	12:59:49	6	ug/m <sup>3</sup>
10/30/2017	13:00:49	7.1	ug/m <sup>3</sup>
10/30/2017	13:01:49	7.4	ug/m <sup>3</sup>
10/30/2017	13:02:49	6	ug/m <sup>3</sup>
10/30/2017	13:03:49	6	ug/m <sup>3</sup>
10/30/2017	13:04:49	5.5	ug/m <sup>3</sup>
10/30/2017	13:05:49	5.1	ug/m <sup>3</sup>
10/30/2017	13:06:49	4.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	13:07:49	5.5	ug/m <sup>3</sup>
10/30/2017	13:08:49	5.2	ug/m <sup>3</sup>
10/30/2017	13:09:49	5	ug/m <sup>3</sup>
10/30/2017	13:10:49	5.6	ug/m <sup>3</sup>
10/30/2017	13:11:49	5.3	ug/m <sup>3</sup>
10/30/2017	13:12:49	5.4	ug/m <sup>3</sup>
10/30/2017	13:13:49	5.6	ug/m <sup>3</sup>
10/30/2017	13:14:49	6	ug/m <sup>3</sup>
10/30/2017	13:15:49	5.2	ug/m <sup>3</sup>
10/30/2017	13:16:49	5.1	ug/m <sup>3</sup>
10/30/2017	13:17:49	5.2	ug/m <sup>3</sup>
10/30/2017	13:18:49	5.4	ug/m <sup>3</sup>
10/30/2017	13:19:49	5.2	ug/m <sup>3</sup>
10/30/2017	13:20:49	5.1	ug/m <sup>3</sup>
10/30/2017	13:21:49	5.1	ug/m <sup>3</sup>
10/30/2017	13:22:49	5.4	ug/m <sup>3</sup>
10/30/2017	13:23:49	4.8	ug/m <sup>3</sup>
10/30/2017	13:24:49	4.9	ug/m <sup>3</sup>
10/30/2017	13:25:49	4.4	ug/m <sup>3</sup>
10/30/2017	13:26:49	4.7	ug/m <sup>3</sup>
10/30/2017	13:27:49	5.5	ug/m <sup>3</sup>
10/30/2017	13:28:49	5.1	ug/m <sup>3</sup>
10/30/2017	13:29:49	4.9	ug/m <sup>3</sup>
10/30/2017	13:30:49	4.7	ug/m <sup>3</sup>
10/30/2017	13:31:49	5.1	ug/m <sup>3</sup>
10/30/2017	13:32:49	4.2	ug/m <sup>3</sup>
10/30/2017	13:33:49	5.1	ug/m <sup>3</sup>
10/30/2017	13:34:49	4.7	ug/m <sup>3</sup>
10/30/2017	13:35:49	4.6	ug/m <sup>3</sup>
10/30/2017	13:36:49	4.6	ug/m <sup>3</sup>
10/30/2017	13:37:49	4.8	ug/m <sup>3</sup>
10/30/2017	13:38:49	5.4	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
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Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	13:39:49	4.3	ug/m <sup>3</sup>
10/30/2017	13:40:49	4.1	ug/m <sup>3</sup>
10/30/2017	13:41:49	4.1	ug/m <sup>3</sup>
10/30/2017	13:42:49	3.6	ug/m <sup>3</sup>
10/30/2017	13:43:49	4.8	ug/m <sup>3</sup>
10/30/2017	13:44:49	4.6	ug/m <sup>3</sup>
10/30/2017	13:45:49	4.4	ug/m <sup>3</sup>
10/30/2017	13:46:49	4.1	ug/m <sup>3</sup>
10/30/2017	13:47:49	4.4	ug/m <sup>3</sup>
10/30/2017	13:48:49	4.2	ug/m <sup>3</sup>
10/30/2017	13:49:49	3.7	ug/m <sup>3</sup>
10/30/2017	13:50:49	3.8	ug/m <sup>3</sup>
10/30/2017	13:51:49	4.3	ug/m <sup>3</sup>
10/30/2017	13:52:49	4.2	ug/m <sup>3</sup>
10/30/2017	13:53:49	4.3	ug/m <sup>3</sup>
10/30/2017	13:54:49	4.2	ug/m <sup>3</sup>
10/30/2017	13:55:49	4.5	ug/m <sup>3</sup>
10/30/2017	13:56:49	4.5	ug/m <sup>3</sup>
10/30/2017	13:57:49	3.7	ug/m <sup>3</sup>
10/30/2017	13:58:49	5	ug/m <sup>3</sup>
10/30/2017	13:59:49	4.6	ug/m <sup>3</sup>
10/30/2017	14:00:49	4.5	ug/m <sup>3</sup>
10/30/2017	14:01:49	4	ug/m <sup>3</sup>
10/30/2017	14:02:49	4	ug/m <sup>3</sup>
10/30/2017	14:03:49	4.7	ug/m <sup>3</sup>
10/30/2017	14:04:49	4.9	ug/m <sup>3</sup>
10/30/2017	14:05:49	4.6	ug/m <sup>3</sup>
10/30/2017	14:06:49	4.4	ug/m <sup>3</sup>
10/30/2017	14:07:49	4.5	ug/m <sup>3</sup>
10/30/2017	14:08:49	4.7	ug/m <sup>3</sup>
10/30/2017	14:09:49	4.9	ug/m <sup>3</sup>
10/30/2017	14:10:49	4.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	14:11:49	4.9	ug/m <sup>3</sup>
10/30/2017	14:12:49	3.9	ug/m <sup>3</sup>
10/30/2017	14:13:49	3.2	ug/m <sup>3</sup>
10/30/2017	14:14:49	3.9	ug/m <sup>3</sup>
10/30/2017	14:15:49	4.3	ug/m <sup>3</sup>
10/30/2017	14:16:49	4.1	ug/m <sup>3</sup>
10/30/2017	14:17:49	4.6	ug/m <sup>3</sup>
10/30/2017	14:18:49	3.9	ug/m <sup>3</sup>
10/30/2017	14:19:49	4.7	ug/m <sup>3</sup>
10/30/2017	14:20:49	5.3	ug/m <sup>3</sup>
10/30/2017	14:21:49	4.4	ug/m <sup>3</sup>
10/30/2017	14:22:49	7.1	ug/m <sup>3</sup>
10/30/2017	14:23:49	5.4	ug/m <sup>3</sup>
10/30/2017	14:24:49	4.1	ug/m <sup>3</sup>
10/30/2017	14:25:49	4.8	ug/m <sup>3</sup>
10/30/2017	14:26:49	4.2	ug/m <sup>3</sup>
10/30/2017	14:27:49	4	ug/m <sup>3</sup>
10/30/2017	14:28:49	4.6	ug/m <sup>3</sup>
10/30/2017	14:29:49	4.1	ug/m <sup>3</sup>
10/30/2017	14:30:49	4.4	ug/m <sup>3</sup>
10/30/2017	14:31:49	4.2	ug/m <sup>3</sup>
10/30/2017	14:32:49	4.6	ug/m <sup>3</sup>
10/30/2017	14:33:49	4	ug/m <sup>3</sup>
10/30/2017	14:34:49	5.1	ug/m <sup>3</sup>
10/30/2017	14:35:49	6.1	ug/m <sup>3</sup>
10/30/2017	14:36:49	3.6	ug/m <sup>3</sup>
10/30/2017	14:37:49	3.7	ug/m <sup>3</sup>
10/30/2017	14:38:49	4.2	ug/m <sup>3</sup>
10/30/2017	14:39:49	4.7	ug/m <sup>3</sup>
10/30/2017	14:40:49	4	ug/m <sup>3</sup>
10/30/2017	14:41:49	4.3	ug/m <sup>3</sup>
10/30/2017	14:42:49	4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	14:43:49	4.4	ug/m <sup>3</sup>
10/30/2017	14:44:49	6	ug/m <sup>3</sup>
10/30/2017	14:45:49	4.5	ug/m <sup>3</sup>
10/30/2017	14:46:49	4	ug/m <sup>3</sup>
10/30/2017	14:47:49	5.1	ug/m <sup>3</sup>
10/30/2017	14:48:49	4.2	ug/m <sup>3</sup>
10/30/2017	14:49:49	4	ug/m <sup>3</sup>
10/30/2017	14:50:49	4.5	ug/m <sup>3</sup>
10/30/2017	14:51:49	4.3	ug/m <sup>3</sup>
10/30/2017	14:52:49	3.8	ug/m <sup>3</sup>
10/30/2017	14:53:49	4.4	ug/m <sup>3</sup>
10/30/2017	14:54:49	4.6	ug/m <sup>3</sup>
10/30/2017	14:55:49	5	ug/m <sup>3</sup>
10/30/2017	14:56:49	4.6	ug/m <sup>3</sup>
10/30/2017	14:57:49	4	ug/m <sup>3</sup>
10/30/2017	14:58:49	3.7	ug/m <sup>3</sup>
10/30/2017	14:59:49	4.1	ug/m <sup>3</sup>
10/30/2017	15:00:49	4.3	ug/m <sup>3</sup>
10/30/2017	15:01:49	4.3	ug/m <sup>3</sup>
10/30/2017	15:02:49	4.5	ug/m <sup>3</sup>
10/30/2017	15:03:49	4.1	ug/m <sup>3</sup>
10/30/2017	15:04:49	7.2	ug/m <sup>3</sup>
10/30/2017	15:05:49	5.6	ug/m <sup>3</sup>
10/30/2017	15:06:49	4.4	ug/m <sup>3</sup>
10/30/2017	15:07:49	4.4	ug/m <sup>3</sup>
10/30/2017	15:08:49	4.8	ug/m <sup>3</sup>
10/30/2017	15:09:49	4.3	ug/m <sup>3</sup>
10/30/2017	15:10:49	5.8	ug/m <sup>3</sup>
10/30/2017	15:11:49	5.8	ug/m <sup>3</sup>
10/30/2017	15:12:49	4.3	ug/m <sup>3</sup>
10/30/2017	15:13:49	4.1	ug/m <sup>3</sup>
10/30/2017	15:14:49	3.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	15:15:49	4.5	ug/m <sup>3</sup>
10/30/2017	15:16:49	5	ug/m <sup>3</sup>
10/30/2017	15:17:49	4.7	ug/m <sup>3</sup>
10/30/2017	15:18:49	4.3	ug/m <sup>3</sup>
10/30/2017	15:19:49	4	ug/m <sup>3</sup>
10/30/2017	15:20:49	4.6	ug/m <sup>3</sup>
10/30/2017	15:21:49	4	ug/m <sup>3</sup>
10/30/2017	15:22:49	3.7	ug/m <sup>3</sup>
10/30/2017	15:23:49	4.5	ug/m <sup>3</sup>
10/30/2017	15:24:49	5.3	ug/m <sup>3</sup>
10/30/2017	15:25:49	4.5	ug/m <sup>3</sup>
10/30/2017	15:26:49	4.5	ug/m <sup>3</sup>
10/30/2017	15:27:49	4.3	ug/m <sup>3</sup>
10/30/2017	15:28:49	4.1	ug/m <sup>3</sup>
10/30/2017	15:29:49	3.9	ug/m <sup>3</sup>
10/30/2017	15:30:49	4	ug/m <sup>3</sup>
10/30/2017	15:31:49	5.2	ug/m <sup>3</sup>
10/30/2017	15:32:49	4.8	ug/m <sup>3</sup>
10/30/2017	15:33:49	4.3	ug/m <sup>3</sup>
10/30/2017	15:34:49	4.5	ug/m <sup>3</sup>
10/30/2017	15:35:49	5.2	ug/m <sup>3</sup>
10/30/2017	15:36:49	4.4	ug/m <sup>3</sup>
10/30/2017	15:37:49	5.4	ug/m <sup>3</sup>
10/30/2017	15:38:49	4.4	ug/m <sup>3</sup>
10/30/2017	15:39:49	4.5	ug/m <sup>3</sup>
10/30/2017	15:40:49	4.1	ug/m <sup>3</sup>
10/30/2017	15:41:49	4.8	ug/m <sup>3</sup>
10/30/2017	15:42:49	4.8	ug/m <sup>3</sup>
10/30/2017	15:43:49	4.1	ug/m <sup>3</sup>
10/30/2017	15:44:49	3.9	ug/m <sup>3</sup>
10/30/2017	15:45:49	4.7	ug/m <sup>3</sup>
10/30/2017	15:46:49	4.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	15:47:49	5	ug/m <sup>3</sup>
10/30/2017	15:48:49	5.2	ug/m <sup>3</sup>
10/30/2017	15:49:49	4.8	ug/m <sup>3</sup>
10/30/2017	15:50:49	4.4	ug/m <sup>3</sup>
10/30/2017	15:51:49	5	ug/m <sup>3</sup>
10/30/2017	15:52:49	4.5	ug/m <sup>3</sup>
10/30/2017	15:53:49	4.2	ug/m <sup>3</sup>
10/30/2017	15:54:49	4.6	ug/m <sup>3</sup>
10/30/2017	15:55:49	4.4	ug/m <sup>3</sup>
10/30/2017	15:56:49	4.2	ug/m <sup>3</sup>
10/30/2017	15:57:49	4.4	ug/m <sup>3</sup>
10/30/2017	15:58:49	4.8	ug/m <sup>3</sup>
10/30/2017	15:59:49	4	ug/m <sup>3</sup>
10/30/2017	16:00:49	4.9	ug/m <sup>3</sup>
10/30/2017	16:01:49	4.6	ug/m <sup>3</sup>
10/30/2017	16:02:49	4.4	ug/m <sup>3</sup>
10/30/2017	16:03:49	4.3	ug/m <sup>3</sup>
10/30/2017	16:04:49	5.2	ug/m <sup>3</sup>
10/30/2017	16:05:49	4.8	ug/m <sup>3</sup>
10/30/2017	16:06:49	4.1	ug/m <sup>3</sup>
10/30/2017	16:07:49	4.8	ug/m <sup>3</sup>
10/30/2017	16:08:49	4.7	ug/m <sup>3</sup>
10/30/2017	16:09:49	4.7	ug/m <sup>3</sup>
10/30/2017	16:10:49	4.8	ug/m <sup>3</sup>
10/30/2017	16:11:49	4.2	ug/m <sup>3</sup>
10/30/2017	16:12:49	4.1	ug/m <sup>3</sup>
10/30/2017	16:13:49	4.9	ug/m <sup>3</sup>
10/30/2017	16:14:49	4.3	ug/m <sup>3</sup>
10/30/2017	16:15:49	4.3	ug/m <sup>3</sup>
10/30/2017	16:16:49	4.7	ug/m <sup>3</sup>
10/30/2017	16:17:49	4.5	ug/m <sup>3</sup>
10/30/2017	16:18:49	4.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	16:19:49	4	ug/m <sup>3</sup>
10/30/2017	16:20:49	4.5	ug/m <sup>3</sup>
10/30/2017	16:21:49	4.1	ug/m <sup>3</sup>
10/30/2017	16:22:49	4.3	ug/m <sup>3</sup>
10/30/2017	16:23:49	4.7	ug/m <sup>3</sup>
10/30/2017	16:24:49	5.5	ug/m <sup>3</sup>
10/30/2017	16:25:49	6.1	ug/m <sup>3</sup>
10/30/2017	16:26:49	7.3	ug/m <sup>3</sup>
10/30/2017	16:27:49	4.5	ug/m <sup>3</sup>
10/30/2017	16:28:49	4.9	ug/m <sup>3</sup>
10/30/2017	16:29:49	4.5	ug/m <sup>3</sup>
10/30/2017	16:30:49	4.5	ug/m <sup>3</sup>
10/30/2017	16:31:49	4.3	ug/m <sup>3</sup>
10/30/2017	16:32:49	4.2	ug/m <sup>3</sup>
10/30/2017	16:33:49	4.1	ug/m <sup>3</sup>
10/30/2017	16:34:49	4.7	ug/m <sup>3</sup>
10/30/2017	16:35:49	4.5	ug/m <sup>3</sup>
10/30/2017	16:36:49	3.8	ug/m <sup>3</sup>
10/30/2017	16:37:49	3.8	ug/m <sup>3</sup>
10/30/2017	16:38:49	4.4	ug/m <sup>3</sup>
10/30/2017	16:39:49	4.2	ug/m <sup>3</sup>
10/30/2017	16:40:49	4.3	ug/m <sup>3</sup>
10/30/2017	16:41:49	4	ug/m <sup>3</sup>
10/30/2017	16:42:49	4.7	ug/m <sup>3</sup>
10/30/2017	16:43:49	4.9	ug/m <sup>3</sup>
10/30/2017	16:44:49	4.6	ug/m <sup>3</sup>
10/30/2017	16:45:49	4.6	ug/m <sup>3</sup>
10/30/2017	16:46:49	4.5	ug/m <sup>3</sup>
10/30/2017	16:47:49	3.9	ug/m <sup>3</sup>
10/30/2017	16:48:49	4.5	ug/m <sup>3</sup>
10/30/2017	16:49:49	4.6	ug/m <sup>3</sup>
10/30/2017	16:50:49	5.5	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	16:51:49	6.1	ug/m <sup>3</sup>
10/30/2017	16:52:49	5.3	ug/m <sup>3</sup>
10/30/2017	16:53:49	4.7	ug/m <sup>3</sup>
10/30/2017	16:54:49	4.7	ug/m <sup>3</sup>
10/30/2017	16:55:49	4.4	ug/m <sup>3</sup>
10/30/2017	16:56:49	5	ug/m <sup>3</sup>
10/30/2017	16:57:49	5	ug/m <sup>3</sup>
10/30/2017	16:58:49	7.9	ug/m <sup>3</sup>
10/30/2017	16:59:49	5	ug/m <sup>3</sup>
10/30/2017	17:00:49	4.9	ug/m <sup>3</sup>
10/30/2017	17:01:49	4.5	ug/m <sup>3</sup>
10/30/2017	17:02:49	4.9	ug/m <sup>3</sup>
10/30/2017	17:03:49	5.2	ug/m <sup>3</sup>
10/30/2017	17:04:49	4.3	ug/m <sup>3</sup>
10/30/2017	17:05:49	4.4	ug/m <sup>3</sup>
10/30/2017	17:06:49	4.3	ug/m <sup>3</sup>
10/30/2017	17:07:49	4.7	ug/m <sup>3</sup>
10/30/2017	17:08:49	4	ug/m <sup>3</sup>
10/30/2017	17:09:49	4.4	ug/m <sup>3</sup>
10/30/2017	17:10:49	5	ug/m <sup>3</sup>
10/30/2017	17:11:49	4.8	ug/m <sup>3</sup>
10/30/2017	17:12:49	4.9	ug/m <sup>3</sup>
10/30/2017	17:13:49	5.2	ug/m <sup>3</sup>
10/30/2017	17:14:49	5.4	ug/m <sup>3</sup>
10/30/2017	17:15:49	5.5	ug/m <sup>3</sup>
10/30/2017	17:16:49	5.8	ug/m <sup>3</sup>
10/30/2017	17:17:49	5.3	ug/m <sup>3</sup>
10/30/2017	17:18:49	5.6	ug/m <sup>3</sup>
10/30/2017	17:19:49	5.3	ug/m <sup>3</sup>
10/30/2017	17:20:49	5.3	ug/m <sup>3</sup>
10/30/2017	17:21:49	6.3	ug/m <sup>3</sup>
10/30/2017	17:22:49	5.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
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Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	17:23:49	5.4	ug/m <sup>3</sup>
10/30/2017	17:24:49	5.4	ug/m <sup>3</sup>
10/30/2017	17:25:49	5.8	ug/m <sup>3</sup>
10/30/2017	17:26:49	5.7	ug/m <sup>3</sup>
10/30/2017	17:27:49	6.8	ug/m <sup>3</sup>
10/30/2017	17:28:49	5.2	ug/m <sup>3</sup>
10/30/2017	17:29:49	5.1	ug/m <sup>3</sup>
10/30/2017	17:30:49	5.7	ug/m <sup>3</sup>
10/30/2017	17:31:49	5.3	ug/m <sup>3</sup>
10/30/2017	17:32:49	4.7	ug/m <sup>3</sup>
10/30/2017	17:33:49	5.7	ug/m <sup>3</sup>
10/30/2017	17:34:49	4.9	ug/m <sup>3</sup>
10/30/2017	17:35:49	4.3	ug/m <sup>3</sup>
10/30/2017	17:36:49	4.6	ug/m <sup>3</sup>
10/30/2017	17:37:49	4.5	ug/m <sup>3</sup>
10/30/2017	17:38:49	5.5	ug/m <sup>3</sup>
10/30/2017	17:39:49	4.8	ug/m <sup>3</sup>
10/30/2017	17:40:49	5.1	ug/m <sup>3</sup>
10/30/2017	17:41:49	5.2	ug/m <sup>3</sup>
10/30/2017	17:42:49	5.5	ug/m <sup>3</sup>
10/30/2017	17:43:49	5.3	ug/m <sup>3</sup>
10/30/2017	17:44:49	4.9	ug/m <sup>3</sup>
10/30/2017	17:45:49	4.7	ug/m <sup>3</sup>
10/30/2017	17:46:49	4.6	ug/m <sup>3</sup>
10/30/2017	17:47:49	4.4	ug/m <sup>3</sup>
10/30/2017	17:48:49	4.6	ug/m <sup>3</sup>
10/30/2017	17:49:49	4.6	ug/m <sup>3</sup>
10/30/2017	17:50:49	4.5	ug/m <sup>3</sup>
10/30/2017	17:51:49	4.4	ug/m <sup>3</sup>
10/30/2017	17:52:49	4.7	ug/m <sup>3</sup>
10/30/2017	17:53:49	4.7	ug/m <sup>3</sup>
10/30/2017	17:54:49	4.7	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
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Instrument Readings			
Date	Time	Result	Units
10/30/2017	17:55:49	4.5	ug/m <sup>3</sup>
10/30/2017	17:56:49	4.8	ug/m <sup>3</sup>
10/30/2017	17:57:49	5.2	ug/m <sup>3</sup>
10/30/2017	17:58:49	4.6	ug/m <sup>3</sup>
10/30/2017	17:59:49	4.7	ug/m <sup>3</sup>
10/30/2017	18:00:49	5.4	ug/m <sup>3</sup>
10/30/2017	18:01:49	5.5	ug/m <sup>3</sup>
10/30/2017	18:02:49	6.3	ug/m <sup>3</sup>
10/30/2017	18:03:49	5.5	ug/m <sup>3</sup>
10/30/2017	18:04:49	5.4	ug/m <sup>3</sup>
10/30/2017	18:05:49	4.9	ug/m <sup>3</sup>
10/30/2017	18:06:49	5.1	ug/m <sup>3</sup>
10/30/2017	18:07:49	4.9	ug/m <sup>3</sup>
10/30/2017	18:08:49	6	ug/m <sup>3</sup>
10/30/2017	18:09:49	5	ug/m <sup>3</sup>
10/30/2017	18:10:49	4.9	ug/m <sup>3</sup>
10/30/2017	18:11:49	4.5	ug/m <sup>3</sup>
10/30/2017	18:12:49	4.8	ug/m <sup>3</sup>
10/30/2017	18:13:49	4.7	ug/m <sup>3</sup>
10/30/2017	18:14:49	4.6	ug/m <sup>3</sup>
10/30/2017	18:15:49	5	ug/m <sup>3</sup>
10/30/2017	18:16:49	4.7	ug/m <sup>3</sup>
10/30/2017	18:17:49	5.3	ug/m <sup>3</sup>
10/30/2017	18:18:49	5.1	ug/m <sup>3</sup>
10/30/2017	18:19:49	5.2	ug/m <sup>3</sup>
10/30/2017	18:20:49	5.3	ug/m <sup>3</sup>
10/30/2017	18:21:49	4.8	ug/m <sup>3</sup>
10/30/2017	18:22:49	4.9	ug/m <sup>3</sup>
10/30/2017	18:23:49	4.9	ug/m <sup>3</sup>
10/30/2017	18:24:49	5	ug/m <sup>3</sup>
10/30/2017	18:25:49	5.5	ug/m <sup>3</sup>
10/30/2017	18:26:49	5.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	18:27:49	4.9	ug/m <sup>3</sup>
10/30/2017	18:28:49	5.4	ug/m <sup>3</sup>
10/30/2017	18:29:49	4.9	ug/m <sup>3</sup>
10/30/2017	18:30:49	5.7	ug/m <sup>3</sup>
10/30/2017	18:31:49	5.6	ug/m <sup>3</sup>
10/30/2017	18:32:49	4.9	ug/m <sup>3</sup>
10/30/2017	18:33:49	5	ug/m <sup>3</sup>
10/30/2017	18:34:49	5.3	ug/m <sup>3</sup>
10/30/2017	18:35:49	6.5	ug/m <sup>3</sup>
10/30/2017	18:36:49	5.4	ug/m <sup>3</sup>
10/30/2017	18:37:49	5.2	ug/m <sup>3</sup>
10/30/2017	18:38:49	5.3	ug/m <sup>3</sup>
10/30/2017	18:39:49	5.1	ug/m <sup>3</sup>
10/30/2017	18:40:49	5.2	ug/m <sup>3</sup>
10/30/2017	18:41:49	5.1	ug/m <sup>3</sup>
10/30/2017	18:42:49	5.4	ug/m <sup>3</sup>
10/30/2017	18:43:49	5.4	ug/m <sup>3</sup>
10/30/2017	18:44:49	5.7	ug/m <sup>3</sup>
10/30/2017	18:45:49	5.8	ug/m <sup>3</sup>
10/30/2017	18:46:49	4.7	ug/m <sup>3</sup>
10/30/2017	18:47:49	5.3	ug/m <sup>3</sup>
10/30/2017	18:48:49	5.4	ug/m <sup>3</sup>
10/30/2017	18:49:49	5.7	ug/m <sup>3</sup>
10/30/2017	18:50:49	5.2	ug/m <sup>3</sup>
10/30/2017	18:51:49	5.7	ug/m <sup>3</sup>
10/30/2017	18:52:49	5	ug/m <sup>3</sup>
10/30/2017	18:53:49	5.7	ug/m <sup>3</sup>
10/30/2017	18:54:49	5.1	ug/m <sup>3</sup>
10/30/2017	18:55:49	5.2	ug/m <sup>3</sup>
10/30/2017	18:56:49	5.1	ug/m <sup>3</sup>
10/30/2017	18:57:49	5	ug/m <sup>3</sup>
10/30/2017	18:58:49	5.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	18:59:49	4.9	ug/m <sup>3</sup>
10/30/2017	19:00:49	5	ug/m <sup>3</sup>
10/30/2017	19:01:49	5.2	ug/m <sup>3</sup>
10/30/2017	19:02:49	8.7	ug/m <sup>3</sup>
10/30/2017	19:03:49	9.1	ug/m <sup>3</sup>
10/30/2017	19:04:49	5.6	ug/m <sup>3</sup>
10/30/2017	19:05:49	5.4	ug/m <sup>3</sup>
10/30/2017	19:06:49	5.6	ug/m <sup>3</sup>
10/30/2017	19:07:49	5.6	ug/m <sup>3</sup>
10/30/2017	19:08:49	5.3	ug/m <sup>3</sup>
10/30/2017	19:09:49	5.2	ug/m <sup>3</sup>
10/30/2017	19:10:49	5.6	ug/m <sup>3</sup>
10/30/2017	19:11:49	5.6	ug/m <sup>3</sup>
10/30/2017	19:12:49	5.3	ug/m <sup>3</sup>
10/30/2017	19:13:49	4.9	ug/m <sup>3</sup>
10/30/2017	19:14:49	5.6	ug/m <sup>3</sup>
10/30/2017	19:15:49	5.5	ug/m <sup>3</sup>
10/30/2017	19:16:49	6.6	ug/m <sup>3</sup>
10/30/2017	19:17:49	5.7	ug/m <sup>3</sup>
10/30/2017	19:18:49	5.2	ug/m <sup>3</sup>
10/30/2017	19:19:49	5.6	ug/m <sup>3</sup>
10/30/2017	19:20:49	5.6	ug/m <sup>3</sup>
10/30/2017	19:21:49	5.8	ug/m <sup>3</sup>
10/30/2017	19:22:49	5.2	ug/m <sup>3</sup>
10/30/2017	19:23:49	5.3	ug/m <sup>3</sup>
10/30/2017	19:24:49	5.8	ug/m <sup>3</sup>
10/30/2017	19:25:49	5.6	ug/m <sup>3</sup>
10/30/2017	19:26:49	4.7	ug/m <sup>3</sup>
10/30/2017	19:27:49	5.2	ug/m <sup>3</sup>
10/30/2017	19:28:49	4.5	ug/m <sup>3</sup>
10/30/2017	19:29:49	5.1	ug/m <sup>3</sup>
10/30/2017	19:30:49	6.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	19:31:49	5.2	ug/m <sup>3</sup>
10/30/2017	19:32:49	5.1	ug/m <sup>3</sup>
10/30/2017	19:33:49	6.2	ug/m <sup>3</sup>
10/30/2017	19:34:49	5.2	ug/m <sup>3</sup>
10/30/2017	19:35:49	5.3	ug/m <sup>3</sup>
10/30/2017	19:36:49	5.4	ug/m <sup>3</sup>
10/30/2017	19:37:49	5.8	ug/m <sup>3</sup>
10/30/2017	19:38:49	5.6	ug/m <sup>3</sup>
10/30/2017	19:39:49	5.4	ug/m <sup>3</sup>
10/30/2017	19:40:49	5.7	ug/m <sup>3</sup>
10/30/2017	19:41:49	5.8	ug/m <sup>3</sup>
10/30/2017	19:42:49	5.5	ug/m <sup>3</sup>
10/30/2017	19:43:49	5.4	ug/m <sup>3</sup>
10/30/2017	19:44:49	5.1	ug/m <sup>3</sup>
10/30/2017	19:45:49	5.5	ug/m <sup>3</sup>
10/30/2017	19:46:49	5.3	ug/m <sup>3</sup>
10/30/2017	19:47:49	5.8	ug/m <sup>3</sup>
10/30/2017	19:48:49	5	ug/m <sup>3</sup>
10/30/2017	19:49:49	5.1	ug/m <sup>3</sup>
10/30/2017	19:50:49	5	ug/m <sup>3</sup>
10/30/2017	19:51:49	4.9	ug/m <sup>3</sup>
10/30/2017	19:52:49	4.8	ug/m <sup>3</sup>
10/30/2017	19:53:49	5.1	ug/m <sup>3</sup>
10/30/2017	19:54:49	4.8	ug/m <sup>3</sup>
10/30/2017	19:55:49	5.5	ug/m <sup>3</sup>
10/30/2017	19:56:49	5.1	ug/m <sup>3</sup>
10/30/2017	19:57:49	4.9	ug/m <sup>3</sup>
10/30/2017	19:58:49	5.1	ug/m <sup>3</sup>
10/30/2017	19:59:49	5.3	ug/m <sup>3</sup>
10/30/2017	20:00:49	5.3	ug/m <sup>3</sup>
10/30/2017	20:01:49	5.3	ug/m <sup>3</sup>
10/30/2017	20:02:49	5.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	20:03:49	6.1	ug/m <sup>3</sup>
10/30/2017	20:04:49	5.8	ug/m <sup>3</sup>
10/30/2017	20:05:49	6.6	ug/m <sup>3</sup>
10/30/2017	20:06:49	7.7	ug/m <sup>3</sup>
10/30/2017	20:07:49	7.7	ug/m <sup>3</sup>
10/30/2017	20:08:49	6.9	ug/m <sup>3</sup>
10/30/2017	20:09:49	6.4	ug/m <sup>3</sup>
10/30/2017	20:10:49	6.1	ug/m <sup>3</sup>
10/30/2017	20:11:49	6.1	ug/m <sup>3</sup>
10/30/2017	20:12:49	5.9	ug/m <sup>3</sup>
10/30/2017	20:13:49	6.2	ug/m <sup>3</sup>
10/30/2017	20:14:49	6.3	ug/m <sup>3</sup>
10/30/2017	20:15:49	6.4	ug/m <sup>3</sup>
10/30/2017	20:16:49	6.1	ug/m <sup>3</sup>
10/30/2017	20:17:49	5.9	ug/m <sup>3</sup>
10/30/2017	20:18:49	5.7	ug/m <sup>3</sup>
10/30/2017	20:19:49	5.6	ug/m <sup>3</sup>
10/30/2017	20:20:49	5.7	ug/m <sup>3</sup>
10/30/2017	20:21:49	5.5	ug/m <sup>3</sup>
10/30/2017	20:22:49	6.2	ug/m <sup>3</sup>
10/30/2017	20:23:49	6.1	ug/m <sup>3</sup>
10/30/2017	20:24:49	6.1	ug/m <sup>3</sup>
10/30/2017	20:25:49	5.4	ug/m <sup>3</sup>
10/30/2017	20:26:49	6.3	ug/m <sup>3</sup>
10/30/2017	20:27:49	5.4	ug/m <sup>3</sup>
10/30/2017	20:28:49	5.6	ug/m <sup>3</sup>
10/30/2017	20:29:49	5.2	ug/m <sup>3</sup>
10/30/2017	20:30:49	6	ug/m <sup>3</sup>
10/30/2017	20:31:49	7.1	ug/m <sup>3</sup>
10/30/2017	20:32:49	6.1	ug/m <sup>3</sup>
10/30/2017	20:33:49	5.7	ug/m <sup>3</sup>
10/30/2017	20:34:49	5.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	20:35:49	5.7	ug/m <sup>3</sup>
10/30/2017	20:36:49	5.5	ug/m <sup>3</sup>
10/30/2017	20:37:49	5.9	ug/m <sup>3</sup>
10/30/2017	20:38:49	5.4	ug/m <sup>3</sup>
10/30/2017	20:39:49	5.8	ug/m <sup>3</sup>
10/30/2017	20:40:49	6.2	ug/m <sup>3</sup>
10/30/2017	20:41:49	6.1	ug/m <sup>3</sup>
10/30/2017	20:42:49	5.9	ug/m <sup>3</sup>
10/30/2017	20:43:49	6	ug/m <sup>3</sup>
10/30/2017	20:44:49	5.6	ug/m <sup>3</sup>
10/30/2017	20:45:49	5.8	ug/m <sup>3</sup>
10/30/2017	20:46:49	6.3	ug/m <sup>3</sup>
10/30/2017	20:47:49	6.5	ug/m <sup>3</sup>
10/30/2017	20:48:49	6.5	ug/m <sup>3</sup>
10/30/2017	20:49:49	6.2	ug/m <sup>3</sup>
10/30/2017	20:50:49	6.6	ug/m <sup>3</sup>
10/30/2017	20:51:49	5.8	ug/m <sup>3</sup>
10/30/2017	20:52:49	6.8	ug/m <sup>3</sup>
10/30/2017	20:53:49	6.4	ug/m <sup>3</sup>
10/30/2017	20:54:49	6.6	ug/m <sup>3</sup>
10/30/2017	20:55:49	6.9	ug/m <sup>3</sup>
10/30/2017	20:56:49	6.5	ug/m <sup>3</sup>
10/30/2017	20:57:49	6.9	ug/m <sup>3</sup>
10/30/2017	20:58:49	6.5	ug/m <sup>3</sup>
10/30/2017	20:59:49	6.7	ug/m <sup>3</sup>
10/30/2017	21:00:49	6.8	ug/m <sup>3</sup>
10/30/2017	21:01:49	6.4	ug/m <sup>3</sup>
10/30/2017	21:02:49	6.4	ug/m <sup>3</sup>
10/30/2017	21:03:49	5.8	ug/m <sup>3</sup>
10/30/2017	21:04:49	6.1	ug/m <sup>3</sup>
10/30/2017	21:05:49	6.1	ug/m <sup>3</sup>
10/30/2017	21:06:49	5.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	21:07:49	5.5	ug/m <sup>3</sup>
10/30/2017	21:08:49	6.1	ug/m <sup>3</sup>
10/30/2017	21:09:49	5.8	ug/m <sup>3</sup>
10/30/2017	21:10:49	6	ug/m <sup>3</sup>
10/30/2017	21:11:49	6.2	ug/m <sup>3</sup>
10/30/2017	21:12:49	6	ug/m <sup>3</sup>
10/30/2017	21:13:49	6.1	ug/m <sup>3</sup>
10/30/2017	21:14:49	6.2	ug/m <sup>3</sup>
10/30/2017	21:15:49	5.7	ug/m <sup>3</sup>
10/30/2017	21:16:49	5.7	ug/m <sup>3</sup>
10/30/2017	21:17:49	5.8	ug/m <sup>3</sup>
10/30/2017	21:18:49	5.3	ug/m <sup>3</sup>
10/30/2017	21:19:49	5.5	ug/m <sup>3</sup>
10/30/2017	21:20:49	5.6	ug/m <sup>3</sup>
10/30/2017	21:21:49	5.9	ug/m <sup>3</sup>
10/30/2017	21:22:49	6	ug/m <sup>3</sup>
10/30/2017	21:23:49	5.7	ug/m <sup>3</sup>
10/30/2017	21:24:49	6	ug/m <sup>3</sup>
10/30/2017	21:25:49	5.7	ug/m <sup>3</sup>
10/30/2017	21:26:49	5.7	ug/m <sup>3</sup>
10/30/2017	21:27:49	5.4	ug/m <sup>3</sup>
10/30/2017	21:28:49	5.4	ug/m <sup>3</sup>
10/30/2017	21:29:49	6	ug/m <sup>3</sup>
10/30/2017	21:30:49	5.8	ug/m <sup>3</sup>
10/30/2017	21:31:49	5.9	ug/m <sup>3</sup>
10/30/2017	21:32:49	5.4	ug/m <sup>3</sup>
10/30/2017	21:33:49	5.2	ug/m <sup>3</sup>
10/30/2017	21:34:49	5.3	ug/m <sup>3</sup>
10/30/2017	21:35:49	5.4	ug/m <sup>3</sup>
10/30/2017	21:36:49	5.5	ug/m <sup>3</sup>
10/30/2017	21:37:49	5	ug/m <sup>3</sup>
10/30/2017	21:38:49	4.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	21:39:49	5.1	ug/m <sup>3</sup>
10/30/2017	21:40:49	5	ug/m <sup>3</sup>
10/30/2017	21:41:49	5.1	ug/m <sup>3</sup>
10/30/2017	21:42:49	4.6	ug/m <sup>3</sup>
10/30/2017	21:43:49	4.8	ug/m <sup>3</sup>
10/30/2017	21:44:49	4.9	ug/m <sup>3</sup>
10/30/2017	21:45:49	4.9	ug/m <sup>3</sup>
10/30/2017	21:46:49	4.6	ug/m <sup>3</sup>
10/30/2017	21:47:49	4.7	ug/m <sup>3</sup>
10/30/2017	21:48:49	3.9	ug/m <sup>3</sup>
10/30/2017	21:49:49	3.8	ug/m <sup>3</sup>
10/30/2017	21:50:49	4	ug/m <sup>3</sup>
10/30/2017	21:51:49	4	ug/m <sup>3</sup>
10/30/2017	21:52:49	3.5	ug/m <sup>3</sup>
10/30/2017	21:53:49	3.8	ug/m <sup>3</sup>
10/30/2017	21:54:49	3.8	ug/m <sup>3</sup>
10/30/2017	21:55:49	3.9	ug/m <sup>3</sup>
10/30/2017	21:56:49	3.8	ug/m <sup>3</sup>
10/30/2017	21:57:49	3.7	ug/m <sup>3</sup>
10/30/2017	21:58:49	3.6	ug/m <sup>3</sup>
10/30/2017	21:59:49	4	ug/m <sup>3</sup>
10/30/2017	22:00:49	3.7	ug/m <sup>3</sup>
10/30/2017	22:01:49	3.6	ug/m <sup>3</sup>
10/30/2017	22:02:49	3.9	ug/m <sup>3</sup>
10/30/2017	22:03:49	3.8	ug/m <sup>3</sup>
10/30/2017	22:04:49	3.9	ug/m <sup>3</sup>
10/30/2017	22:05:49	3.7	ug/m <sup>3</sup>
10/30/2017	22:06:49	3.4	ug/m <sup>3</sup>
10/30/2017	22:07:49	3.6	ug/m <sup>3</sup>
10/30/2017	22:08:49	3.6	ug/m <sup>3</sup>
10/30/2017	22:09:49	3.3	ug/m <sup>3</sup>
10/30/2017	22:10:49	3.8	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
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Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	22:11:49	3.5	ug/m <sup>3</sup>
10/30/2017	22:12:49	2.9	ug/m <sup>3</sup>
10/30/2017	22:13:49	3.1	ug/m <sup>3</sup>
10/30/2017	22:14:49	3.3	ug/m <sup>3</sup>
10/30/2017	22:15:49	3	ug/m <sup>3</sup>
10/30/2017	22:16:49	3.6	ug/m <sup>3</sup>
10/30/2017	22:17:49	3.4	ug/m <sup>3</sup>
10/30/2017	22:18:49	3.6	ug/m <sup>3</sup>
10/30/2017	22:19:49	4.9	ug/m <sup>3</sup>
10/30/2017	22:20:49	3.7	ug/m <sup>3</sup>
10/30/2017	22:21:49	3.6	ug/m <sup>3</sup>
10/30/2017	22:22:49	3.7	ug/m <sup>3</sup>
10/30/2017	22:23:49	4.1	ug/m <sup>3</sup>
10/30/2017	22:24:49	3.8	ug/m <sup>3</sup>
10/30/2017	22:25:49	3.6	ug/m <sup>3</sup>
10/30/2017	22:26:49	3.8	ug/m <sup>3</sup>
10/30/2017	22:27:49	3.4	ug/m <sup>3</sup>
10/30/2017	22:28:49	3.9	ug/m <sup>3</sup>
10/30/2017	22:29:49	3.7	ug/m <sup>3</sup>
10/30/2017	22:30:49	3.5	ug/m <sup>3</sup>
10/30/2017	22:31:49	3.8	ug/m <sup>3</sup>
10/30/2017	22:32:49	3.8	ug/m <sup>3</sup>
10/30/2017	22:33:49	4.1	ug/m <sup>3</sup>
10/30/2017	22:34:49	4	ug/m <sup>3</sup>
10/30/2017	22:35:49	3.5	ug/m <sup>3</sup>
10/30/2017	22:36:49	3.3	ug/m <sup>3</sup>
10/30/2017	22:37:49	3.6	ug/m <sup>3</sup>
10/30/2017	22:38:49	3.6	ug/m <sup>3</sup>
10/30/2017	22:39:49	3.3	ug/m <sup>3</sup>
10/30/2017	22:40:49	3.4	ug/m <sup>3</sup>
10/30/2017	22:41:49	3.2	ug/m <sup>3</sup>
10/30/2017	22:42:49	3.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	22:43:49	3.2	ug/m <sup>3</sup>
10/30/2017	22:44:49	3.3	ug/m <sup>3</sup>
10/30/2017	22:45:49	2.9	ug/m <sup>3</sup>
10/30/2017	22:46:49	3.1	ug/m <sup>3</sup>
10/30/2017	22:47:49	3.1	ug/m <sup>3</sup>
10/30/2017	22:48:49	2.9	ug/m <sup>3</sup>
10/30/2017	22:49:49	2.9	ug/m <sup>3</sup>
10/30/2017	22:50:49	3.1	ug/m <sup>3</sup>
10/30/2017	22:51:49	3.2	ug/m <sup>3</sup>
10/30/2017	22:52:49	3.1	ug/m <sup>3</sup>
10/30/2017	22:53:49	3.6	ug/m <sup>3</sup>
10/30/2017	22:54:49	3.4	ug/m <sup>3</sup>
10/30/2017	22:55:49	2.6	ug/m <sup>3</sup>
10/30/2017	22:56:49	3.3	ug/m <sup>3</sup>
10/30/2017	22:57:49	3.4	ug/m <sup>3</sup>
10/30/2017	22:58:49	3.5	ug/m <sup>3</sup>
10/30/2017	22:59:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:00:49	3.2	ug/m <sup>3</sup>
10/30/2017	23:01:49	3.3	ug/m <sup>3</sup>
10/30/2017	23:02:49	3.1	ug/m <sup>3</sup>
10/30/2017	23:03:49	2.9	ug/m <sup>3</sup>
10/30/2017	23:04:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:05:49	3	ug/m <sup>3</sup>
10/30/2017	23:06:49	3.1	ug/m <sup>3</sup>
10/30/2017	23:07:49	3.2	ug/m <sup>3</sup>
10/30/2017	23:08:49	3.2	ug/m <sup>3</sup>
10/30/2017	23:09:49	3.5	ug/m <sup>3</sup>
10/30/2017	23:10:49	3.5	ug/m <sup>3</sup>
10/30/2017	23:11:49	3.5	ug/m <sup>3</sup>
10/30/2017	23:12:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:13:49	3.6	ug/m <sup>3</sup>
10/30/2017	23:14:49	3.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	23:15:49	3.2	ug/m <sup>3</sup>
10/30/2017	23:16:49	3.2	ug/m <sup>3</sup>
10/30/2017	23:17:49	3.6	ug/m <sup>3</sup>
10/30/2017	23:18:49	3.9	ug/m <sup>3</sup>
10/30/2017	23:19:49	4	ug/m <sup>3</sup>
10/30/2017	23:20:49	3.3	ug/m <sup>3</sup>
10/30/2017	23:21:49	3.7	ug/m <sup>3</sup>
10/30/2017	23:22:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:23:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:24:49	3.2	ug/m <sup>3</sup>
10/30/2017	23:25:49	3.6	ug/m <sup>3</sup>
10/30/2017	23:26:49	3.3	ug/m <sup>3</sup>
10/30/2017	23:27:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:28:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:29:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:30:49	3.3	ug/m <sup>3</sup>
10/30/2017	23:31:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:32:49	3.2	ug/m <sup>3</sup>
10/30/2017	23:33:49	3.5	ug/m <sup>3</sup>
10/30/2017	23:34:49	3.7	ug/m <sup>3</sup>
10/30/2017	23:35:49	3.6	ug/m <sup>3</sup>
10/30/2017	23:36:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:37:49	3.2	ug/m <sup>3</sup>
10/30/2017	23:38:49	3.5	ug/m <sup>3</sup>
10/30/2017	23:39:49	3.5	ug/m <sup>3</sup>
10/30/2017	23:40:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:41:49	3.5	ug/m <sup>3</sup>
10/30/2017	23:42:49	3.4	ug/m <sup>3</sup>
10/30/2017	23:43:49	3.7	ug/m <sup>3</sup>
10/30/2017	23:44:49	3.7	ug/m <sup>3</sup>
10/30/2017	23:45:49	4.2	ug/m <sup>3</sup>
10/30/2017	23:46:49	4.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/30/2017	23:47:49	3.8	ug/m <sup>3</sup>
10/30/2017	23:48:49	4.1	ug/m <sup>3</sup>
10/30/2017	23:49:49	4.1	ug/m <sup>3</sup>
10/30/2017	23:50:49	4.1	ug/m <sup>3</sup>
10/30/2017	23:51:49	4	ug/m <sup>3</sup>
10/30/2017	23:52:49	3.9	ug/m <sup>3</sup>
10/30/2017	23:53:49	4.3	ug/m <sup>3</sup>
10/30/2017	23:54:49	4.2	ug/m <sup>3</sup>
10/30/2017	23:55:49	4	ug/m <sup>3</sup>
10/30/2017	23:56:49	3.8	ug/m <sup>3</sup>
10/30/2017	23:57:49	4.2	ug/m <sup>3</sup>
10/30/2017	23:58:49	4.1	ug/m <sup>3</sup>
10/30/2017	23:59:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:00:49	4.2	ug/m <sup>3</sup>
10/31/2017	0:01:49	4	ug/m <sup>3</sup>
10/31/2017	0:02:49	3.7	ug/m <sup>3</sup>
10/31/2017	0:03:49	4.5	ug/m <sup>3</sup>
10/31/2017	0:04:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:05:49	3.8	ug/m <sup>3</sup>
10/31/2017	0:06:49	3.9	ug/m <sup>3</sup>
10/31/2017	0:07:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:08:49	3.9	ug/m <sup>3</sup>
10/31/2017	0:09:49	4.2	ug/m <sup>3</sup>
10/31/2017	0:10:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:11:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:12:49	3.4	ug/m <sup>3</sup>
10/31/2017	0:13:49	3.9	ug/m <sup>3</sup>
10/31/2017	0:14:49	3.9	ug/m <sup>3</sup>
10/31/2017	0:15:49	3.9	ug/m <sup>3</sup>
10/31/2017	0:16:49	3.8	ug/m <sup>3</sup>
10/31/2017	0:17:49	4	ug/m <sup>3</sup>
10/31/2017	0:18:49	3.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	0:19:49	3.9	ug/m <sup>3</sup>
10/31/2017	0:20:49	3.9	ug/m <sup>3</sup>
10/31/2017	0:21:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:22:49	4	ug/m <sup>3</sup>
10/31/2017	0:23:49	4	ug/m <sup>3</sup>
10/31/2017	0:24:49	3.7	ug/m <sup>3</sup>
10/31/2017	0:25:49	3.9	ug/m <sup>3</sup>
10/31/2017	0:26:49	4.4	ug/m <sup>3</sup>
10/31/2017	0:27:49	4.2	ug/m <sup>3</sup>
10/31/2017	0:28:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:29:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:30:49	3.9	ug/m <sup>3</sup>
10/31/2017	0:31:49	4.3	ug/m <sup>3</sup>
10/31/2017	0:32:49	4.3	ug/m <sup>3</sup>
10/31/2017	0:33:49	4.6	ug/m <sup>3</sup>
10/31/2017	0:34:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:35:49	4.7	ug/m <sup>3</sup>
10/31/2017	0:36:49	4.2	ug/m <sup>3</sup>
10/31/2017	0:37:49	4.5	ug/m <sup>3</sup>
10/31/2017	0:38:49	4.2	ug/m <sup>3</sup>
10/31/2017	0:39:49	4.4	ug/m <sup>3</sup>
10/31/2017	0:40:49	4	ug/m <sup>3</sup>
10/31/2017	0:41:49	4.3	ug/m <sup>3</sup>
10/31/2017	0:42:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:43:49	4.2	ug/m <sup>3</sup>
10/31/2017	0:44:49	3.8	ug/m <sup>3</sup>
10/31/2017	0:45:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:46:49	4	ug/m <sup>3</sup>
10/31/2017	0:47:49	4.1	ug/m <sup>3</sup>
10/31/2017	0:48:49	4.4	ug/m <sup>3</sup>
10/31/2017	0:49:49	4.2	ug/m <sup>3</sup>
10/31/2017	0:50:49	4.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	0:51:49	4.9	ug/m <sup>3</sup>
10/31/2017	0:52:49	4.5	ug/m <sup>3</sup>
10/31/2017	0:53:49	5.2	ug/m <sup>3</sup>
10/31/2017	0:54:49	5.2	ug/m <sup>3</sup>
10/31/2017	0:55:49	5.1	ug/m <sup>3</sup>
10/31/2017	0:56:49	5.2	ug/m <sup>3</sup>
10/31/2017	0:57:49	5.1	ug/m <sup>3</sup>
10/31/2017	0:58:49	6.3	ug/m <sup>3</sup>
10/31/2017	0:59:49	5.6	ug/m <sup>3</sup>
10/31/2017	1:00:49	6	ug/m <sup>3</sup>
10/31/2017	1:01:49	5.8	ug/m <sup>3</sup>
10/31/2017	1:02:49	5.5	ug/m <sup>3</sup>
10/31/2017	1:03:49	5.3	ug/m <sup>3</sup>
10/31/2017	1:04:49	5.2	ug/m <sup>3</sup>
10/31/2017	1:05:49	4.8	ug/m <sup>3</sup>
10/31/2017	1:06:49	4.9	ug/m <sup>3</sup>
10/31/2017	1:07:49	5.2	ug/m <sup>3</sup>
10/31/2017	1:08:49	5.1	ug/m <sup>3</sup>
10/31/2017	1:09:49	4.8	ug/m <sup>3</sup>
10/31/2017	1:10:49	4.8	ug/m <sup>3</sup>
10/31/2017	1:11:49	5.2	ug/m <sup>3</sup>
10/31/2017	1:12:49	5.2	ug/m <sup>3</sup>
10/31/2017	1:13:49	5	ug/m <sup>3</sup>
10/31/2017	1:14:49	5.3	ug/m <sup>3</sup>
10/31/2017	1:15:49	5.4	ug/m <sup>3</sup>
10/31/2017	1:16:49	5.6	ug/m <sup>3</sup>
10/31/2017	1:17:49	5.6	ug/m <sup>3</sup>
10/31/2017	1:18:49	6	ug/m <sup>3</sup>
10/31/2017	1:19:49	5.2	ug/m <sup>3</sup>
10/31/2017	1:20:49	5.2	ug/m <sup>3</sup>
10/31/2017	1:21:49	5.1	ug/m <sup>3</sup>
10/31/2017	1:22:49	5	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/30/2017 to 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	22 hours, 14 minutes		
Maximum Reading:	17.43 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	7.25 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	1:23:49	5.3	ug/m <sup>3</sup>
10/31/2017	1:24:49	5	ug/m <sup>3</sup>
10/31/2017	1:25:49	6	ug/m <sup>3</sup>
10/31/2017	1:26:49	5.9	ug/m <sup>3</sup>
10/31/2017	1:27:49	6	ug/m <sup>3</sup>
10/31/2017	1:28:49	6.1	ug/m <sup>3</sup>
10/31/2017	1:29:49	5.6	ug/m <sup>3</sup>
10/31/2017	1:30:49	6.1	ug/m <sup>3</sup>
10/31/2017	1:31:49	6.4	ug/m <sup>3</sup>
10/31/2017	1:32:49	6	ug/m <sup>3</sup>
10/31/2017	1:33:49	6.1	ug/m <sup>3</sup>
10/31/2017	1:34:49	5.8	ug/m <sup>3</sup>
10/31/2017	1:35:49	6	ug/m <sup>3</sup>
10/31/2017	1:36:49	6.5	ug/m <sup>3</sup>
10/31/2017	1:37:49	6.1	ug/m <sup>3</sup>
10/31/2017	1:38:49	6	ug/m <sup>3</sup>
10/31/2017	1:39:49	5.6	ug/m <sup>3</sup>
10/31/2017	1:40:49	6.1	ug/m <sup>3</sup>
10/31/2017	1:41:49	6.4	ug/m <sup>3</sup>
10/31/2017	1:42:49	6.5	ug/m <sup>3</sup>
10/31/2017	1:43:49	6.7	ug/m <sup>3</sup>
10/31/2017	1:44:49	6.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	1:52:09	3.1	ug/m <sup>3</sup>
10/31/2017	1:53:09	3	ug/m <sup>3</sup>
10/31/2017	1:54:09	2.4	ug/m <sup>3</sup>
10/31/2017	1:55:09	2.6	ug/m <sup>3</sup>
10/31/2017	1:56:09	2.8	ug/m <sup>3</sup>
10/31/2017	1:57:09	2.4	ug/m <sup>3</sup>
10/31/2017	1:58:09	2.7	ug/m <sup>3</sup>
10/31/2017	1:59:09	2.9	ug/m <sup>3</sup>
10/31/2017	2:00:09	2.7	ug/m <sup>3</sup>
10/31/2017	2:01:09	2.9	ug/m <sup>3</sup>
10/31/2017	2:02:09	3	ug/m <sup>3</sup>
10/31/2017	2:03:09	3	ug/m <sup>3</sup>
10/31/2017	2:04:09	2.8	ug/m <sup>3</sup>
10/31/2017	2:05:09	3	ug/m <sup>3</sup>
10/31/2017	2:06:09	2.9	ug/m <sup>3</sup>
10/31/2017	2:07:09	2.9	ug/m <sup>3</sup>
10/31/2017	2:08:09	2.7	ug/m <sup>3</sup>
10/31/2017	2:09:09	3.2	ug/m <sup>3</sup>
10/31/2017	2:10:09	3	ug/m <sup>3</sup>
10/31/2017	2:11:09	3.1	ug/m <sup>3</sup>
10/31/2017	2:12:09	3.1	ug/m <sup>3</sup>
10/31/2017	2:13:09	3.3	ug/m <sup>3</sup>
10/31/2017	2:14:09	3.5	ug/m <sup>3</sup>
10/31/2017	2:15:09	3.2	ug/m <sup>3</sup>
10/31/2017	2:16:09	3.3	ug/m <sup>3</sup>
10/31/2017	2:17:09	3.3	ug/m <sup>3</sup>
10/31/2017	2:18:09	3.5	ug/m <sup>3</sup>
10/31/2017	2:19:09	3.5	ug/m <sup>3</sup>
10/31/2017	2:20:09	3.6	ug/m <sup>3</sup>
10/31/2017	2:21:09	3.8	ug/m <sup>3</sup>
10/31/2017	2:22:09	3.8	ug/m <sup>3</sup>
10/31/2017	2:23:09	3.9	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	2:24:09	4.2	ug/m <sup>3</sup>
10/31/2017	2:25:09	3.8	ug/m <sup>3</sup>
10/31/2017	2:26:09	4	ug/m <sup>3</sup>
10/31/2017	2:27:09	4.2	ug/m <sup>3</sup>
10/31/2017	2:28:09	4.5	ug/m <sup>3</sup>
10/31/2017	2:29:09	4	ug/m <sup>3</sup>
10/31/2017	2:30:09	3.7	ug/m <sup>3</sup>
10/31/2017	2:31:09	3.7	ug/m <sup>3</sup>
10/31/2017	2:32:09	3.8	ug/m <sup>3</sup>
10/31/2017	2:33:09	3.4	ug/m <sup>3</sup>
10/31/2017	2:34:09	3.8	ug/m <sup>3</sup>
10/31/2017	2:35:09	4.3	ug/m <sup>3</sup>
10/31/2017	2:36:09	4.4	ug/m <sup>3</sup>
10/31/2017	2:37:09	3.9	ug/m <sup>3</sup>
10/31/2017	2:38:09	4.4	ug/m <sup>3</sup>
10/31/2017	2:39:09	4.7	ug/m <sup>3</sup>
10/31/2017	2:40:09	4.9	ug/m <sup>3</sup>
10/31/2017	2:41:09	5.2	ug/m <sup>3</sup>
10/31/2017	2:42:09	4.6	ug/m <sup>3</sup>
10/31/2017	2:43:09	4.5	ug/m <sup>3</sup>
10/31/2017	2:44:09	4.7	ug/m <sup>3</sup>
10/31/2017	2:45:09	4.7	ug/m <sup>3</sup>
10/31/2017	2:46:09	4.7	ug/m <sup>3</sup>
10/31/2017	2:47:09	5	ug/m <sup>3</sup>
10/31/2017	2:48:09	4.6	ug/m <sup>3</sup>
10/31/2017	2:49:09	4.7	ug/m <sup>3</sup>
10/31/2017	2:50:09	4.9	ug/m <sup>3</sup>
10/31/2017	2:51:09	5	ug/m <sup>3</sup>
10/31/2017	2:52:09	4.8	ug/m <sup>3</sup>
10/31/2017	2:53:09	5.1	ug/m <sup>3</sup>
10/31/2017	2:54:09	5	ug/m <sup>3</sup>
10/31/2017	2:55:09	4.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	2:56:09	4.8	ug/m <sup>3</sup>
10/31/2017	2:57:09	4.5	ug/m <sup>3</sup>
10/31/2017	2:58:09	4.6	ug/m <sup>3</sup>
10/31/2017	2:59:09	5.6	ug/m <sup>3</sup>
10/31/2017	3:00:09	5.2	ug/m <sup>3</sup>
10/31/2017	3:01:09	5.5	ug/m <sup>3</sup>
10/31/2017	3:02:09	5.6	ug/m <sup>3</sup>
10/31/2017	3:03:09	5.4	ug/m <sup>3</sup>
10/31/2017	3:04:09	5.8	ug/m <sup>3</sup>
10/31/2017	3:05:09	5.5	ug/m <sup>3</sup>
10/31/2017	3:06:09	5.5	ug/m <sup>3</sup>
10/31/2017	3:07:09	5.7	ug/m <sup>3</sup>
10/31/2017	3:08:09	5.6	ug/m <sup>3</sup>
10/31/2017	3:09:09	5.6	ug/m <sup>3</sup>
10/31/2017	3:10:09	5.4	ug/m <sup>3</sup>
10/31/2017	3:11:09	5.3	ug/m <sup>3</sup>
10/31/2017	3:12:09	5.4	ug/m <sup>3</sup>
10/31/2017	3:13:09	5.3	ug/m <sup>3</sup>
10/31/2017	3:14:09	5.4	ug/m <sup>3</sup>
10/31/2017	3:15:09	5.5	ug/m <sup>3</sup>
10/31/2017	3:16:09	5.7	ug/m <sup>3</sup>
10/31/2017	3:17:09	5.6	ug/m <sup>3</sup>
10/31/2017	3:18:09	5.5	ug/m <sup>3</sup>
10/31/2017	3:19:09	5.3	ug/m <sup>3</sup>
10/31/2017	3:20:09	5.4	ug/m <sup>3</sup>
10/31/2017	3:21:09	6.2	ug/m <sup>3</sup>
10/31/2017	3:22:09	5.9	ug/m <sup>3</sup>
10/31/2017	3:23:09	6	ug/m <sup>3</sup>
10/31/2017	3:24:09	6	ug/m <sup>3</sup>
10/31/2017	3:25:09	5.5	ug/m <sup>3</sup>
10/31/2017	3:26:09	6.1	ug/m <sup>3</sup>
10/31/2017	3:27:09	6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	3:28:09	5.6	ug/m <sup>3</sup>
10/31/2017	3:29:09	6.2	ug/m <sup>3</sup>
10/31/2017	3:30:09	5.8	ug/m <sup>3</sup>
10/31/2017	3:31:09	6.3	ug/m <sup>3</sup>
10/31/2017	3:32:09	5.9	ug/m <sup>3</sup>
10/31/2017	3:33:09	6.1	ug/m <sup>3</sup>
10/31/2017	3:34:09	5.4	ug/m <sup>3</sup>
10/31/2017	3:35:09	5.7	ug/m <sup>3</sup>
10/31/2017	3:36:09	5.8	ug/m <sup>3</sup>
10/31/2017	3:37:09	5.7	ug/m <sup>3</sup>
10/31/2017	3:38:09	6.2	ug/m <sup>3</sup>
10/31/2017	3:39:09	5.6	ug/m <sup>3</sup>
10/31/2017	3:40:09	5.4	ug/m <sup>3</sup>
10/31/2017	3:41:09	5.7	ug/m <sup>3</sup>
10/31/2017	3:42:09	5.6	ug/m <sup>3</sup>
10/31/2017	3:43:09	6	ug/m <sup>3</sup>
10/31/2017	3:44:09	5.3	ug/m <sup>3</sup>
10/31/2017	3:45:09	5.6	ug/m <sup>3</sup>
10/31/2017	3:46:09	6.1	ug/m <sup>3</sup>
10/31/2017	3:47:09	5.8	ug/m <sup>3</sup>
10/31/2017	3:48:09	6.6	ug/m <sup>3</sup>
10/31/2017	3:49:09	6.9	ug/m <sup>3</sup>
10/31/2017	3:50:09	6.8	ug/m <sup>3</sup>
10/31/2017	3:51:09	6.7	ug/m <sup>3</sup>
10/31/2017	3:52:09	6.5	ug/m <sup>3</sup>
10/31/2017	3:53:09	6.7	ug/m <sup>3</sup>
10/31/2017	3:54:09	6.9	ug/m <sup>3</sup>
10/31/2017	3:55:09	6.5	ug/m <sup>3</sup>
10/31/2017	3:56:09	6.4	ug/m <sup>3</sup>
10/31/2017	3:57:09	6.4	ug/m <sup>3</sup>
10/31/2017	3:58:09	6.4	ug/m <sup>3</sup>
10/31/2017	3:59:09	6.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	4:00:09	6.6	ug/m <sup>3</sup>
10/31/2017	4:01:09	6.9	ug/m <sup>3</sup>
10/31/2017	4:02:09	6.8	ug/m <sup>3</sup>
10/31/2017	4:03:09	6.6	ug/m <sup>3</sup>
10/31/2017	4:04:09	7	ug/m <sup>3</sup>
10/31/2017	4:05:09	6.2	ug/m <sup>3</sup>
10/31/2017	4:06:09	6.4	ug/m <sup>3</sup>
10/31/2017	4:07:09	6.4	ug/m <sup>3</sup>
10/31/2017	4:08:09	6.2	ug/m <sup>3</sup>
10/31/2017	4:09:09	6.5	ug/m <sup>3</sup>
10/31/2017	4:10:09	6.4	ug/m <sup>3</sup>
10/31/2017	4:11:09	6.3	ug/m <sup>3</sup>
10/31/2017	4:12:09	6.4	ug/m <sup>3</sup>
10/31/2017	4:13:09	6.3	ug/m <sup>3</sup>
10/31/2017	4:14:09	6	ug/m <sup>3</sup>
10/31/2017	4:15:09	6.3	ug/m <sup>3</sup>
10/31/2017	4:16:09	6	ug/m <sup>3</sup>
10/31/2017	4:17:09	6	ug/m <sup>3</sup>
10/31/2017	4:18:09	5.9	ug/m <sup>3</sup>
10/31/2017	4:19:09	6.2	ug/m <sup>3</sup>
10/31/2017	4:20:09	5.6	ug/m <sup>3</sup>
10/31/2017	4:21:09	5.9	ug/m <sup>3</sup>
10/31/2017	4:22:09	5.9	ug/m <sup>3</sup>
10/31/2017	4:23:09	5.9	ug/m <sup>3</sup>
10/31/2017	4:24:09	6.5	ug/m <sup>3</sup>
10/31/2017	4:25:09	5.9	ug/m <sup>3</sup>
10/31/2017	4:26:09	5.6	ug/m <sup>3</sup>
10/31/2017	4:27:09	5.8	ug/m <sup>3</sup>
10/31/2017	4:28:09	6.4	ug/m <sup>3</sup>
10/31/2017	4:29:09	6.1	ug/m <sup>3</sup>
10/31/2017	4:30:09	6.2	ug/m <sup>3</sup>
10/31/2017	4:31:09	6.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	4:32:09	6.5	ug/m <sup>3</sup>
10/31/2017	4:33:09	6.7	ug/m <sup>3</sup>
10/31/2017	4:34:09	6.6	ug/m <sup>3</sup>
10/31/2017	4:35:09	6.5	ug/m <sup>3</sup>
10/31/2017	4:36:09	7.2	ug/m <sup>3</sup>
10/31/2017	4:37:09	6.7	ug/m <sup>3</sup>
10/31/2017	4:38:09	6.6	ug/m <sup>3</sup>
10/31/2017	4:39:09	6.9	ug/m <sup>3</sup>
10/31/2017	4:40:09	6.9	ug/m <sup>3</sup>
10/31/2017	4:41:09	6.2	ug/m <sup>3</sup>
10/31/2017	4:42:09	7.1	ug/m <sup>3</sup>
10/31/2017	4:43:09	6.3	ug/m <sup>3</sup>
10/31/2017	4:44:09	7	ug/m <sup>3</sup>
10/31/2017	4:45:09	7.4	ug/m <sup>3</sup>
10/31/2017	4:46:09	7.6	ug/m <sup>3</sup>
10/31/2017	4:47:09	7.5	ug/m <sup>3</sup>
10/31/2017	4:48:09	7.5	ug/m <sup>3</sup>
10/31/2017	4:49:09	7.3	ug/m <sup>3</sup>
10/31/2017	4:50:09	7.3	ug/m <sup>3</sup>
10/31/2017	4:51:09	7.5	ug/m <sup>3</sup>
10/31/2017	4:52:09	7.9	ug/m <sup>3</sup>
10/31/2017	4:53:09	7.2	ug/m <sup>3</sup>
10/31/2017	4:54:09	7	ug/m <sup>3</sup>
10/31/2017	4:55:09	7.3	ug/m <sup>3</sup>
10/31/2017	4:56:09	7.4	ug/m <sup>3</sup>
10/31/2017	4:57:09	7.7	ug/m <sup>3</sup>
10/31/2017	4:58:09	7.5	ug/m <sup>3</sup>
10/31/2017	4:59:09	7.5	ug/m <sup>3</sup>
10/31/2017	5:00:09	7.5	ug/m <sup>3</sup>
10/31/2017	5:01:09	7.6	ug/m <sup>3</sup>
10/31/2017	5:02:09	7.2	ug/m <sup>3</sup>
10/31/2017	5:03:09	7.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	5:04:09	8.3	ug/m <sup>3</sup>
10/31/2017	5:05:09	8	ug/m <sup>3</sup>
10/31/2017	5:06:09	8.3	ug/m <sup>3</sup>
10/31/2017	5:07:09	7.7	ug/m <sup>3</sup>
10/31/2017	5:08:09	7.6	ug/m <sup>3</sup>
10/31/2017	5:09:09	7.6	ug/m <sup>3</sup>
10/31/2017	5:10:09	8.4	ug/m <sup>3</sup>
10/31/2017	5:11:09	7.8	ug/m <sup>3</sup>
10/31/2017	5:12:09	7.7	ug/m <sup>3</sup>
10/31/2017	5:13:09	7.8	ug/m <sup>3</sup>
10/31/2017	5:14:09	8.1	ug/m <sup>3</sup>
10/31/2017	5:15:09	8.1	ug/m <sup>3</sup>
10/31/2017	5:16:09	8.1	ug/m <sup>3</sup>
10/31/2017	5:17:09	8.2	ug/m <sup>3</sup>
10/31/2017	5:18:09	8.1	ug/m <sup>3</sup>
10/31/2017	5:19:09	8.2	ug/m <sup>3</sup>
10/31/2017	5:20:09	7.6	ug/m <sup>3</sup>
10/31/2017	5:21:09	8.2	ug/m <sup>3</sup>
10/31/2017	5:22:09	8.4	ug/m <sup>3</sup>
10/31/2017	5:23:09	9	ug/m <sup>3</sup>
10/31/2017	5:24:09	8.9	ug/m <sup>3</sup>
10/31/2017	5:25:09	8.3	ug/m <sup>3</sup>
10/31/2017	5:26:09	7.8	ug/m <sup>3</sup>
10/31/2017	5:27:09	7.8	ug/m <sup>3</sup>
10/31/2017	5:28:09	8.1	ug/m <sup>3</sup>
10/31/2017	5:29:09	9.1	ug/m <sup>3</sup>
10/31/2017	5:30:09	9.3	ug/m <sup>3</sup>
10/31/2017	5:31:09	8.3	ug/m <sup>3</sup>
10/31/2017	5:32:09	8.7	ug/m <sup>3</sup>
10/31/2017	5:33:09	9.4	ug/m <sup>3</sup>
10/31/2017	5:34:09	9.2	ug/m <sup>3</sup>
10/31/2017	5:35:09	9.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	5:36:09	10	ug/m <sup>3</sup>
10/31/2017	5:37:09	9.7	ug/m <sup>3</sup>
10/31/2017	5:38:09	9.1	ug/m <sup>3</sup>
10/31/2017	5:39:09	9.4	ug/m <sup>3</sup>
10/31/2017	5:40:09	10.1	ug/m <sup>3</sup>
10/31/2017	5:41:09	10	ug/m <sup>3</sup>
10/31/2017	5:42:09	10	ug/m <sup>3</sup>
10/31/2017	5:43:09	10.4	ug/m <sup>3</sup>
10/31/2017	5:44:09	10	ug/m <sup>3</sup>
10/31/2017	5:45:09	10.5	ug/m <sup>3</sup>
10/31/2017	5:46:09	9.8	ug/m <sup>3</sup>
10/31/2017	5:47:09	10.1	ug/m <sup>3</sup>
10/31/2017	5:48:09	10.6	ug/m <sup>3</sup>
10/31/2017	5:49:09	10.2	ug/m <sup>3</sup>
10/31/2017	5:50:09	10.6	ug/m <sup>3</sup>
10/31/2017	5:51:09	10.9	ug/m <sup>3</sup>
10/31/2017	5:52:09	10.4	ug/m <sup>3</sup>
10/31/2017	5:53:09	10.8	ug/m <sup>3</sup>
10/31/2017	5:54:09	10.1	ug/m <sup>3</sup>
10/31/2017	5:55:09	11	ug/m <sup>3</sup>
10/31/2017	5:56:09	10.6	ug/m <sup>3</sup>
10/31/2017	5:57:09	11.1	ug/m <sup>3</sup>
10/31/2017	5:58:09	11.3	ug/m <sup>3</sup>
10/31/2017	5:59:09	11.4	ug/m <sup>3</sup>
10/31/2017	6:00:09	11.7	ug/m <sup>3</sup>
10/31/2017	6:01:09	11.7	ug/m <sup>3</sup>
10/31/2017	6:02:09	11.6	ug/m <sup>3</sup>
10/31/2017	6:03:09	10.8	ug/m <sup>3</sup>
10/31/2017	6:04:09	11.5	ug/m <sup>3</sup>
10/31/2017	6:05:09	11.8	ug/m <sup>3</sup>
10/31/2017	6:06:09	11.6	ug/m <sup>3</sup>
10/31/2017	6:07:09	11.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	6:08:09	11.8	ug/m <sup>3</sup>
10/31/2017	6:09:09	11.5	ug/m <sup>3</sup>
10/31/2017	6:10:09	12.3	ug/m <sup>3</sup>
10/31/2017	6:11:09	11.7	ug/m <sup>3</sup>
10/31/2017	6:12:09	11.1	ug/m <sup>3</sup>
10/31/2017	6:13:09	11.4	ug/m <sup>3</sup>
10/31/2017	6:14:09	11.7	ug/m <sup>3</sup>
10/31/2017	6:15:09	11.4	ug/m <sup>3</sup>
10/31/2017	6:16:09	12.1	ug/m <sup>3</sup>
10/31/2017	6:17:09	12.3	ug/m <sup>3</sup>
10/31/2017	6:18:09	12.6	ug/m <sup>3</sup>
10/31/2017	6:19:09	12.4	ug/m <sup>3</sup>
10/31/2017	6:20:09	12.6	ug/m <sup>3</sup>
10/31/2017	6:21:09	13	ug/m <sup>3</sup>
10/31/2017	6:22:09	12.5	ug/m <sup>3</sup>
10/31/2017	6:23:09	11.9	ug/m <sup>3</sup>
10/31/2017	6:24:09	12.9	ug/m <sup>3</sup>
10/31/2017	6:25:09	12.3	ug/m <sup>3</sup>
10/31/2017	6:26:09	12.5	ug/m <sup>3</sup>
10/31/2017	6:27:09	12	ug/m <sup>3</sup>
10/31/2017	6:28:09	12.3	ug/m <sup>3</sup>
10/31/2017	6:29:09	12.3	ug/m <sup>3</sup>
10/31/2017	6:30:09	11.5	ug/m <sup>3</sup>
10/31/2017	6:31:09	12.3	ug/m <sup>3</sup>
10/31/2017	6:32:09	11.7	ug/m <sup>3</sup>
10/31/2017	6:33:09	12.1	ug/m <sup>3</sup>
10/31/2017	6:34:09	12	ug/m <sup>3</sup>
10/31/2017	6:35:09	12	ug/m <sup>3</sup>
10/31/2017	6:36:09	12.4	ug/m <sup>3</sup>
10/31/2017	6:37:09	12.3	ug/m <sup>3</sup>
10/31/2017	6:38:09	11.8	ug/m <sup>3</sup>
10/31/2017	6:39:09	11.1	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	6:40:09	11.8	ug/m <sup>3</sup>
10/31/2017	6:41:09	12	ug/m <sup>3</sup>
10/31/2017	6:42:09	11.7	ug/m <sup>3</sup>
10/31/2017	6:43:09	11.9	ug/m <sup>3</sup>
10/31/2017	6:44:09	11.7	ug/m <sup>3</sup>
10/31/2017	6:45:09	10.9	ug/m <sup>3</sup>
10/31/2017	6:46:09	11.6	ug/m <sup>3</sup>
10/31/2017	6:47:09	11.4	ug/m <sup>3</sup>
10/31/2017	6:48:09	11.8	ug/m <sup>3</sup>
10/31/2017	6:49:09	12.8	ug/m <sup>3</sup>
10/31/2017	6:50:09	12.7	ug/m <sup>3</sup>
10/31/2017	6:51:09	12.4	ug/m <sup>3</sup>
10/31/2017	6:52:09	13.3	ug/m <sup>3</sup>
10/31/2017	6:53:09	12.6	ug/m <sup>3</sup>
10/31/2017	6:54:09	13.3	ug/m <sup>3</sup>
10/31/2017	6:55:09	14.1	ug/m <sup>3</sup>
10/31/2017	6:56:09	14.5	ug/m <sup>3</sup>
10/31/2017	6:57:09	14.7	ug/m <sup>3</sup>
10/31/2017	6:58:09	14.2	ug/m <sup>3</sup>
10/31/2017	6:59:09	13.6	ug/m <sup>3</sup>
10/31/2017	7:00:09	13.4	ug/m <sup>3</sup>
10/31/2017	7:01:09	12	ug/m <sup>3</sup>
10/31/2017	7:02:09	11.5	ug/m <sup>3</sup>
10/31/2017	7:03:09	10.7	ug/m <sup>3</sup>
10/31/2017	7:04:09	11.5	ug/m <sup>3</sup>
10/31/2017	7:05:09	12.4	ug/m <sup>3</sup>
10/31/2017	7:06:09	12.6	ug/m <sup>3</sup>
10/31/2017	7:07:09	12.6	ug/m <sup>3</sup>
10/31/2017	7:08:09	12.7	ug/m <sup>3</sup>
10/31/2017	7:09:09	13.1	ug/m <sup>3</sup>
10/31/2017	7:10:09	13.9	ug/m <sup>3</sup>
10/31/2017	7:11:09	14.6	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	7:12:09	14.9	ug/m <sup>3</sup>
10/31/2017	7:13:09	16	ug/m <sup>3</sup>
10/31/2017	7:14:09	15.8	ug/m <sup>3</sup>
10/31/2017	7:15:09	15.2	ug/m <sup>3</sup>
10/31/2017	7:16:09	15.2	ug/m <sup>3</sup>
10/31/2017	7:17:09	15.8	ug/m <sup>3</sup>
10/31/2017	7:18:09	16.8	ug/m <sup>3</sup>
10/31/2017	7:19:09	16.8	ug/m <sup>3</sup>
10/31/2017	7:20:09	17.9	ug/m <sup>3</sup>
10/31/2017	7:21:09	16.4	ug/m <sup>3</sup>
10/31/2017	7:22:09	15.5	ug/m <sup>3</sup>
10/31/2017	7:23:09	15	ug/m <sup>3</sup>
10/31/2017	7:24:09	14.6	ug/m <sup>3</sup>
10/31/2017	7:25:09	14.7	ug/m <sup>3</sup>
10/31/2017	7:26:09	14.9	ug/m <sup>3</sup>
10/31/2017	7:27:09	16.7	ug/m <sup>3</sup>
10/31/2017	7:28:09	17.8	ug/m <sup>3</sup>
10/31/2017	7:29:09	19	ug/m <sup>3</sup>
10/31/2017	7:30:09	20.3	ug/m <sup>3</sup>
10/31/2017	7:31:09	21.6	ug/m <sup>3</sup>
10/31/2017	7:32:09	23.1	ug/m <sup>3</sup>
10/31/2017	7:33:09	24.2	ug/m <sup>3</sup>
10/31/2017	7:34:09	24.6	ug/m <sup>3</sup>
10/31/2017	7:35:09	23.8	ug/m <sup>3</sup>
10/31/2017	7:36:09	23	ug/m <sup>3</sup>
10/31/2017	7:37:09	23.5	ug/m <sup>3</sup>
10/31/2017	7:38:09	24.7	ug/m <sup>3</sup>
10/31/2017	7:39:09	23.8	ug/m <sup>3</sup>
10/31/2017	7:40:09	23.8	ug/m <sup>3</sup>
10/31/2017	7:41:09	24.3	ug/m <sup>3</sup>
10/31/2017	7:42:09	24.6	ug/m <sup>3</sup>
10/31/2017	7:43:09	22.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	7:44:09	21.8	ug/m <sup>3</sup>
10/31/2017	7:45:09	21.6	ug/m <sup>3</sup>
10/31/2017	7:46:09	20.9	ug/m <sup>3</sup>
10/31/2017	7:47:09	18.5	ug/m <sup>3</sup>
10/31/2017	7:48:09	16.5	ug/m <sup>3</sup>
10/31/2017	7:49:09	16.4	ug/m <sup>3</sup>
10/31/2017	7:50:09	16.1	ug/m <sup>3</sup>
10/31/2017	7:51:09	16.2	ug/m <sup>3</sup>
10/31/2017	7:52:09	16.1	ug/m <sup>3</sup>
10/31/2017	7:53:09	16.6	ug/m <sup>3</sup>
10/31/2017	7:54:09	19.1	ug/m <sup>3</sup>
10/31/2017	7:55:09	20.3	ug/m <sup>3</sup>
10/31/2017	7:56:09	21.7	ug/m <sup>3</sup>
10/31/2017	7:57:09	21.5	ug/m <sup>3</sup>
10/31/2017	7:58:09	21	ug/m <sup>3</sup>
10/31/2017	7:59:09	20.8	ug/m <sup>3</sup>
10/31/2017	8:00:09	22.7	ug/m <sup>3</sup>
10/31/2017	8:01:09	24.4	ug/m <sup>3</sup>
10/31/2017	8:02:09	24.8	ug/m <sup>3</sup>
10/31/2017	8:03:09	25.6	ug/m <sup>3</sup>
10/31/2017	8:04:09	26.5	ug/m <sup>3</sup>
10/31/2017	8:05:09	25	ug/m <sup>3</sup>
10/31/2017	8:06:09	26.2	ug/m <sup>3</sup>
10/31/2017	8:07:09	28.4	ug/m <sup>3</sup>
10/31/2017	8:08:09	27.7	ug/m <sup>3</sup>
10/31/2017	8:09:09	27.8	ug/m <sup>3</sup>
10/31/2017	8:10:09	28.6	ug/m <sup>3</sup>
10/31/2017	8:11:09	27.1	ug/m <sup>3</sup>
10/31/2017	8:12:09	25.9	ug/m <sup>3</sup>
10/31/2017	8:13:09	25.2	ug/m <sup>3</sup>
10/31/2017	8:14:09	25.9	ug/m <sup>3</sup>
10/31/2017	8:15:09	25.3	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	8:16:09	26	ug/m <sup>3</sup>
10/31/2017	8:17:09	24.5	ug/m <sup>3</sup>
10/31/2017	8:18:09	24.3	ug/m <sup>3</sup>
10/31/2017	8:19:09	21.8	ug/m <sup>3</sup>
10/31/2017	8:20:09	22.6	ug/m <sup>3</sup>
10/31/2017	8:21:09	22.5	ug/m <sup>3</sup>
10/31/2017	8:22:09	22.1	ug/m <sup>3</sup>
10/31/2017	8:23:09	22.6	ug/m <sup>3</sup>
10/31/2017	8:24:09	23.1	ug/m <sup>3</sup>
10/31/2017	8:25:09	22.4	ug/m <sup>3</sup>
10/31/2017	8:26:09	22.4	ug/m <sup>3</sup>
10/31/2017	8:27:09	22.5	ug/m <sup>3</sup>
10/31/2017	8:28:09	23.2	ug/m <sup>3</sup>
10/31/2017	8:29:09	23.6	ug/m <sup>3</sup>
10/31/2017	8:30:09	23.1	ug/m <sup>3</sup>
10/31/2017	8:31:09	23.1	ug/m <sup>3</sup>
10/31/2017	8:32:09	22.1	ug/m <sup>3</sup>
10/31/2017	8:33:09	21.3	ug/m <sup>3</sup>
10/31/2017	8:34:09	20.9	ug/m <sup>3</sup>
10/31/2017	8:35:09	20.1	ug/m <sup>3</sup>
10/31/2017	8:36:09	19.8	ug/m <sup>3</sup>
10/31/2017	8:37:09	20.5	ug/m <sup>3</sup>
10/31/2017	8:38:09	20.9	ug/m <sup>3</sup>
10/31/2017	8:39:09	20.6	ug/m <sup>3</sup>
10/31/2017	8:40:09	20	ug/m <sup>3</sup>
10/31/2017	8:41:09	19.3	ug/m <sup>3</sup>
10/31/2017	8:42:09	19.9	ug/m <sup>3</sup>
10/31/2017	8:43:09	19.7	ug/m <sup>3</sup>
10/31/2017	8:44:09	19.5	ug/m <sup>3</sup>
10/31/2017	8:45:09	19.6	ug/m <sup>3</sup>
10/31/2017	8:46:09	20.2	ug/m <sup>3</sup>
10/31/2017	8:47:09	19	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	8:48:09	20	ug/m <sup>3</sup>
10/31/2017	8:49:09	18.9	ug/m <sup>3</sup>
10/31/2017	8:50:09	18.9	ug/m <sup>3</sup>
10/31/2017	8:51:09	18.9	ug/m <sup>3</sup>
10/31/2017	8:52:09	20.1	ug/m <sup>3</sup>
10/31/2017	8:53:09	20.2	ug/m <sup>3</sup>
10/31/2017	8:54:09	19.6	ug/m <sup>3</sup>
10/31/2017	8:55:09	19	ug/m <sup>3</sup>
10/31/2017	8:56:09	20.2	ug/m <sup>3</sup>
10/31/2017	8:57:09	20.7	ug/m <sup>3</sup>
10/31/2017	8:58:09	20.5	ug/m <sup>3</sup>
10/31/2017	8:59:09	19.4	ug/m <sup>3</sup>
10/31/2017	9:00:09	19.4	ug/m <sup>3</sup>
10/31/2017	9:01:09	20.2	ug/m <sup>3</sup>
10/31/2017	9:02:09	19.6	ug/m <sup>3</sup>
10/31/2017	9:03:09	20.3	ug/m <sup>3</sup>
10/31/2017	9:04:09	21.6	ug/m <sup>3</sup>
10/31/2017	9:05:09	21.6	ug/m <sup>3</sup>
10/31/2017	9:06:09	21.6	ug/m <sup>3</sup>
10/31/2017	9:07:09	20.6	ug/m <sup>3</sup>
10/31/2017	9:08:09	21.5	ug/m <sup>3</sup>
10/31/2017	9:09:09	20.9	ug/m <sup>3</sup>
10/31/2017	9:10:09	21.1	ug/m <sup>3</sup>
10/31/2017	9:11:09	21.5	ug/m <sup>3</sup>
10/31/2017	9:12:09	20.7	ug/m <sup>3</sup>
10/31/2017	9:13:09	21.6	ug/m <sup>3</sup>
10/31/2017	9:14:09	21.7	ug/m <sup>3</sup>
10/31/2017	9:15:09	21.3	ug/m <sup>3</sup>
10/31/2017	9:16:09	20.2	ug/m <sup>3</sup>
10/31/2017	9:17:09	20.2	ug/m <sup>3</sup>
10/31/2017	9:18:09	19.6	ug/m <sup>3</sup>
10/31/2017	9:19:09	20.2	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	9:20:09	20.2	ug/m <sup>3</sup>
10/31/2017	9:21:09	24.8	ug/m <sup>3</sup>
10/31/2017	9:22:09	22.2	ug/m <sup>3</sup>
10/31/2017	9:23:09	21.8	ug/m <sup>3</sup>
10/31/2017	9:24:09	25.3	ug/m <sup>3</sup>
10/31/2017	9:25:09	19.9	ug/m <sup>3</sup>
10/31/2017	9:26:09	18.7	ug/m <sup>3</sup>
10/31/2017	9:27:09	17.7	ug/m <sup>3</sup>
10/31/2017	9:28:09	15.6	ug/m <sup>3</sup>
10/31/2017	9:29:09	15.7	ug/m <sup>3</sup>
10/31/2017	9:30:09	15.5	ug/m <sup>3</sup>
10/31/2017	9:31:09	14.2	ug/m <sup>3</sup>
10/31/2017	9:32:09	13.4	ug/m <sup>3</sup>
10/31/2017	9:33:09	12.9	ug/m <sup>3</sup>
10/31/2017	9:34:09	12.5	ug/m <sup>3</sup>
10/31/2017	9:35:09	12.8	ug/m <sup>3</sup>
10/31/2017	9:36:09	11.8	ug/m <sup>3</sup>
10/31/2017	9:37:09	12.4	ug/m <sup>3</sup>
10/31/2017	9:38:09	12.9	ug/m <sup>3</sup>
10/31/2017	9:39:09	11.6	ug/m <sup>3</sup>
10/31/2017	9:40:09	11.6	ug/m <sup>3</sup>
10/31/2017	9:41:09	29.8	ug/m <sup>3</sup>
10/31/2017	9:42:09	13.9	ug/m <sup>3</sup>
10/31/2017	9:43:09	10.4	ug/m <sup>3</sup>
10/31/2017	9:44:09	10	ug/m <sup>3</sup>
10/31/2017	9:45:09	11.2	ug/m <sup>3</sup>
10/31/2017	9:46:09	9.6	ug/m <sup>3</sup>
10/31/2017	9:47:09	9.7	ug/m <sup>3</sup>
10/31/2017	9:48:09	10.4	ug/m <sup>3</sup>
10/31/2017	9:49:09	10.1	ug/m <sup>3</sup>
10/31/2017	9:50:09	10	ug/m <sup>3</sup>
10/31/2017	9:51:09	8.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	9:52:09	8.5	ug/m <sup>3</sup>
10/31/2017	9:53:09	9.8	ug/m <sup>3</sup>
10/31/2017	9:54:09	9	ug/m <sup>3</sup>
10/31/2017	9:55:09	8.7	ug/m <sup>3</sup>
10/31/2017	9:56:09	8.9	ug/m <sup>3</sup>
10/31/2017	9:57:09	10.5	ug/m <sup>3</sup>
10/31/2017	9:58:09	8.9	ug/m <sup>3</sup>
10/31/2017	9:59:09	8.5	ug/m <sup>3</sup>
10/31/2017	10:00:09	8.8	ug/m <sup>3</sup>
10/31/2017	10:01:09	8.1	ug/m <sup>3</sup>
10/31/2017	10:02:09	9.6	ug/m <sup>3</sup>
10/31/2017	10:03:09	7.8	ug/m <sup>3</sup>
10/31/2017	10:04:09	7.1	ug/m <sup>3</sup>
10/31/2017	10:05:09	8.1	ug/m <sup>3</sup>
10/31/2017	10:06:09	7.3	ug/m <sup>3</sup>
10/31/2017	10:07:09	7.2	ug/m <sup>3</sup>
10/31/2017	10:08:09	6.7	ug/m <sup>3</sup>
10/31/2017	10:09:09	7.9	ug/m <sup>3</sup>
10/31/2017	10:10:09	7	ug/m <sup>3</sup>
10/31/2017	10:11:09	6.9	ug/m <sup>3</sup>
10/31/2017	10:12:09	7.5	ug/m <sup>3</sup>
10/31/2017	10:13:09	6.3	ug/m <sup>3</sup>
10/31/2017	10:14:09	6.1	ug/m <sup>3</sup>
10/31/2017	10:15:09	6	ug/m <sup>3</sup>
10/31/2017	10:16:09	6.2	ug/m <sup>3</sup>
10/31/2017	10:17:09	5.8	ug/m <sup>3</sup>
10/31/2017	10:18:09	6.1	ug/m <sup>3</sup>
10/31/2017	10:19:09	6	ug/m <sup>3</sup>
10/31/2017	10:20:09	6	ug/m <sup>3</sup>
10/31/2017	10:21:09	6	ug/m <sup>3</sup>
10/31/2017	10:22:09	6.3	ug/m <sup>3</sup>
10/31/2017	10:23:09	6.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	10:24:09	6	ug/m <sup>3</sup>
10/31/2017	10:25:09	5.1	ug/m <sup>3</sup>
10/31/2017	10:26:09	4.6	ug/m <sup>3</sup>
10/31/2017	10:27:09	5.6	ug/m <sup>3</sup>
10/31/2017	10:28:09	5.5	ug/m <sup>3</sup>
10/31/2017	10:29:09	4.4	ug/m <sup>3</sup>
10/31/2017	10:30:09	4.5	ug/m <sup>3</sup>
10/31/2017	10:31:09	4.9	ug/m <sup>3</sup>
10/31/2017	10:32:09	7.3	ug/m <sup>3</sup>
10/31/2017	10:33:09	4.1	ug/m <sup>3</sup>
10/31/2017	10:34:09	4.5	ug/m <sup>3</sup>
10/31/2017	10:35:09	4.5	ug/m <sup>3</sup>
10/31/2017	10:36:09	6.1	ug/m <sup>3</sup>
10/31/2017	10:37:09	4.6	ug/m <sup>3</sup>
10/31/2017	10:38:09	4.5	ug/m <sup>3</sup>
10/31/2017	10:39:09	4.8	ug/m <sup>3</sup>
10/31/2017	10:40:09	4.3	ug/m <sup>3</sup>
10/31/2017	10:41:09	4.1	ug/m <sup>3</sup>
10/31/2017	10:42:09	4.2	ug/m <sup>3</sup>
10/31/2017	10:43:09	4.6	ug/m <sup>3</sup>
10/31/2017	10:44:09	4.8	ug/m <sup>3</sup>
10/31/2017	10:45:09	4.9	ug/m <sup>3</sup>
10/31/2017	10:46:09	4.4	ug/m <sup>3</sup>
10/31/2017	10:47:09	4.8	ug/m <sup>3</sup>
10/31/2017	10:48:09	4.7	ug/m <sup>3</sup>
10/31/2017	10:49:09	4.6	ug/m <sup>3</sup>
10/31/2017	10:50:09	4.4	ug/m <sup>3</sup>
10/31/2017	10:51:09	4.6	ug/m <sup>3</sup>
10/31/2017	10:52:09	4.7	ug/m <sup>3</sup>
10/31/2017	10:53:09	4.7	ug/m <sup>3</sup>
10/31/2017	10:54:09	4.2	ug/m <sup>3</sup>
10/31/2017	10:55:09	5	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	10:56:09	6.6	ug/m <sup>3</sup>
10/31/2017	10:57:09	7.6	ug/m <sup>3</sup>
10/31/2017	10:58:09	6.4	ug/m <sup>3</sup>
10/31/2017	10:59:09	6.8	ug/m <sup>3</sup>
10/31/2017	11:00:09	5.8	ug/m <sup>3</sup>
10/31/2017	11:01:09	4.6	ug/m <sup>3</sup>
10/31/2017	11:02:09	4.7	ug/m <sup>3</sup>
10/31/2017	11:03:09	5.8	ug/m <sup>3</sup>
10/31/2017	11:04:09	5.4	ug/m <sup>3</sup>
10/31/2017	11:05:09	4.8	ug/m <sup>3</sup>
10/31/2017	11:06:09	4.5	ug/m <sup>3</sup>
10/31/2017	11:07:09	5.5	ug/m <sup>3</sup>
10/31/2017	11:08:09	4.7	ug/m <sup>3</sup>
10/31/2017	11:09:09	5.2	ug/m <sup>3</sup>
10/31/2017	11:10:09	5.5	ug/m <sup>3</sup>
10/31/2017	11:11:09	4.7	ug/m <sup>3</sup>
10/31/2017	11:12:09	4.5	ug/m <sup>3</sup>
10/31/2017	11:13:09	4.7	ug/m <sup>3</sup>
10/31/2017	11:14:09	5	ug/m <sup>3</sup>
10/31/2017	11:15:09	5	ug/m <sup>3</sup>
10/31/2017	11:16:09	4.2	ug/m <sup>3</sup>
10/31/2017	11:17:09	4.5	ug/m <sup>3</sup>
10/31/2017	11:18:09	6.1	ug/m <sup>3</sup>
10/31/2017	11:19:09	5.5	ug/m <sup>3</sup>
10/31/2017	11:20:09	4.5	ug/m <sup>3</sup>
10/31/2017	11:21:09	4.2	ug/m <sup>3</sup>
10/31/2017	11:22:09	5	ug/m <sup>3</sup>
10/31/2017	11:23:09	4	ug/m <sup>3</sup>
10/31/2017	11:24:09	4	ug/m <sup>3</sup>
10/31/2017	11:25:09	3.9	ug/m <sup>3</sup>
10/31/2017	11:26:09	4.6	ug/m <sup>3</sup>
10/31/2017	11:27:09	4.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	11:28:09	5	ug/m <sup>3</sup>
10/31/2017	11:29:09	4	ug/m <sup>3</sup>
10/31/2017	11:30:09	4.4	ug/m <sup>3</sup>
10/31/2017	11:31:09	3.9	ug/m <sup>3</sup>
10/31/2017	11:32:09	3.9	ug/m <sup>3</sup>
10/31/2017	11:33:09	4	ug/m <sup>3</sup>
10/31/2017	11:34:09	3.7	ug/m <sup>3</sup>
10/31/2017	11:35:09	4.9	ug/m <sup>3</sup>
10/31/2017	11:36:09	4.6	ug/m <sup>3</sup>
10/31/2017	11:37:09	4.7	ug/m <sup>3</sup>
10/31/2017	11:38:09	4.7	ug/m <sup>3</sup>
10/31/2017	11:39:09	5.1	ug/m <sup>3</sup>
10/31/2017	11:40:09	5.1	ug/m <sup>3</sup>
10/31/2017	11:41:09	5.4	ug/m <sup>3</sup>
10/31/2017	11:42:09	5.8	ug/m <sup>3</sup>
10/31/2017	11:43:09	6.2	ug/m <sup>3</sup>
10/31/2017	11:44:09	5.6	ug/m <sup>3</sup>
10/31/2017	11:45:09	5.8	ug/m <sup>3</sup>
10/31/2017	11:46:09	5	ug/m <sup>3</sup>
10/31/2017	11:47:09	6.6	ug/m <sup>3</sup>
10/31/2017	11:48:09	6.7	ug/m <sup>3</sup>
10/31/2017	11:49:09	5.7	ug/m <sup>3</sup>
10/31/2017	11:50:09	5.9	ug/m <sup>3</sup>
10/31/2017	11:51:09	6	ug/m <sup>3</sup>
10/31/2017	11:52:09	5.5	ug/m <sup>3</sup>
10/31/2017	11:53:09	5	ug/m <sup>3</sup>
10/31/2017	11:54:09	4.9	ug/m <sup>3</sup>
10/31/2017	11:55:09	5.2	ug/m <sup>3</sup>
10/31/2017	11:56:09	3.9	ug/m <sup>3</sup>
10/31/2017	11:57:09	4.4	ug/m <sup>3</sup>
10/31/2017	11:58:09	4	ug/m <sup>3</sup>
10/31/2017	11:59:09	4.9	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	12:00:09	6	ug/m <sup>3</sup>
10/31/2017	12:01:09	6	ug/m <sup>3</sup>
10/31/2017	12:02:09	5.3	ug/m <sup>3</sup>
10/31/2017	12:03:09	6	ug/m <sup>3</sup>
10/31/2017	12:04:09	5.4	ug/m <sup>3</sup>
10/31/2017	12:05:09	4.6	ug/m <sup>3</sup>
10/31/2017	12:06:09	4.6	ug/m <sup>3</sup>
10/31/2017	12:07:09	5.1	ug/m <sup>3</sup>
10/31/2017	12:08:09	5.1	ug/m <sup>3</sup>
10/31/2017	12:09:09	4.7	ug/m <sup>3</sup>
10/31/2017	12:10:09	5.4	ug/m <sup>3</sup>
10/31/2017	12:11:09	6.3	ug/m <sup>3</sup>
10/31/2017	12:12:09	5.8	ug/m <sup>3</sup>
10/31/2017	12:13:09	5.3	ug/m <sup>3</sup>
10/31/2017	12:14:09	5.4	ug/m <sup>3</sup>
10/31/2017	12:15:09	5.8	ug/m <sup>3</sup>
10/31/2017	12:16:09	4.3	ug/m <sup>3</sup>
10/31/2017	12:17:09	4.3	ug/m <sup>3</sup>
10/31/2017	12:18:09	3.9	ug/m <sup>3</sup>
10/31/2017	12:19:09	4.4	ug/m <sup>3</sup>
10/31/2017	12:20:09	4.3	ug/m <sup>3</sup>
10/31/2017	12:21:09	6.9	ug/m <sup>3</sup>
10/31/2017	12:22:09	8	ug/m <sup>3</sup>
10/31/2017	12:23:09	6.6	ug/m <sup>3</sup>
10/31/2017	12:24:09	5	ug/m <sup>3</sup>
10/31/2017	12:25:09	4.3	ug/m <sup>3</sup>
10/31/2017	12:26:09	5	ug/m <sup>3</sup>
10/31/2017	12:27:09	4.9	ug/m <sup>3</sup>
10/31/2017	12:28:09	4.9	ug/m <sup>3</sup>
10/31/2017	12:29:09	4.8	ug/m <sup>3</sup>
10/31/2017	12:30:09	5	ug/m <sup>3</sup>
10/31/2017	12:31:09	5.4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	12:32:09	4.9	ug/m <sup>3</sup>
10/31/2017	12:33:09	4.3	ug/m <sup>3</sup>
10/31/2017	12:34:09	3.9	ug/m <sup>3</sup>
10/31/2017	12:35:09	3.9	ug/m <sup>3</sup>
10/31/2017	12:36:09	4	ug/m <sup>3</sup>
10/31/2017	12:37:09	3.9	ug/m <sup>3</sup>
10/31/2017	12:38:09	4.4	ug/m <sup>3</sup>
10/31/2017	12:39:09	4.1	ug/m <sup>3</sup>
10/31/2017	12:40:09	4.4	ug/m <sup>3</sup>
10/31/2017	12:41:09	3.7	ug/m <sup>3</sup>
10/31/2017	12:42:09	4.1	ug/m <sup>3</sup>
10/31/2017	12:43:09	4	ug/m <sup>3</sup>
10/31/2017	12:44:09	3.8	ug/m <sup>3</sup>
10/31/2017	12:45:09	4.9	ug/m <sup>3</sup>
10/31/2017	12:46:09	3.7	ug/m <sup>3</sup>
10/31/2017	12:47:09	3.8	ug/m <sup>3</sup>
10/31/2017	12:48:09	3.6	ug/m <sup>3</sup>
10/31/2017	12:49:09	5.5	ug/m <sup>3</sup>
10/31/2017	12:50:09	4	ug/m <sup>3</sup>
10/31/2017	12:51:09	3.6	ug/m <sup>3</sup>
10/31/2017	12:52:09	3.7	ug/m <sup>3</sup>
10/31/2017	12:53:09	3.7	ug/m <sup>3</sup>
10/31/2017	12:54:09	3.4	ug/m <sup>3</sup>
10/31/2017	12:55:09	3.9	ug/m <sup>3</sup>
10/31/2017	12:56:09	4.2	ug/m <sup>3</sup>
10/31/2017	12:57:09	3.8	ug/m <sup>3</sup>
10/31/2017	12:58:09	4.2	ug/m <sup>3</sup>
10/31/2017	12:59:09	3.4	ug/m <sup>3</sup>
10/31/2017	13:00:09	3.3	ug/m <sup>3</sup>
10/31/2017	13:01:09	4.3	ug/m <sup>3</sup>
10/31/2017	13:02:09	3.7	ug/m <sup>3</sup>
10/31/2017	13:03:09	4.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	13:04:09	3.3	ug/m <sup>3</sup>
10/31/2017	13:05:09	4.4	ug/m <sup>3</sup>
10/31/2017	13:06:09	4	ug/m <sup>3</sup>
10/31/2017	13:07:09	5.9	ug/m <sup>3</sup>
10/31/2017	13:08:09	3.7	ug/m <sup>3</sup>
10/31/2017	13:09:09	3.7	ug/m <sup>3</sup>
10/31/2017	13:10:09	3.3	ug/m <sup>3</sup>
10/31/2017	13:11:09	3.2	ug/m <sup>3</sup>
10/31/2017	13:12:09	3.4	ug/m <sup>3</sup>
10/31/2017	13:13:09	3.6	ug/m <sup>3</sup>
10/31/2017	13:14:09	4.2	ug/m <sup>3</sup>
10/31/2017	13:15:09	3.6	ug/m <sup>3</sup>
10/31/2017	13:16:09	4.5	ug/m <sup>3</sup>
10/31/2017	13:17:09	3.7	ug/m <sup>3</sup>
10/31/2017	13:18:09	5.3	ug/m <sup>3</sup>
10/31/2017	13:19:09	4.3	ug/m <sup>3</sup>
10/31/2017	13:20:09	3.3	ug/m <sup>3</sup>
10/31/2017	13:21:09	3.3	ug/m <sup>3</sup>
10/31/2017	13:22:09	3.5	ug/m <sup>3</sup>
10/31/2017	13:23:09	3.6	ug/m <sup>3</sup>
10/31/2017	13:24:09	4.1	ug/m <sup>3</sup>
10/31/2017	13:25:09	3.1	ug/m <sup>3</sup>
10/31/2017	13:26:09	3.8	ug/m <sup>3</sup>
10/31/2017	13:27:09	3.1	ug/m <sup>3</sup>
10/31/2017	13:28:09	3.7	ug/m <sup>3</sup>
10/31/2017	13:29:09	2.9	ug/m <sup>3</sup>
10/31/2017	13:30:09	3.4	ug/m <sup>3</sup>
10/31/2017	13:31:09	3.4	ug/m <sup>3</sup>
10/31/2017	13:32:09	3.3	ug/m <sup>3</sup>
10/31/2017	13:33:09	7.5	ug/m <sup>3</sup>
10/31/2017	13:34:09	10.3	ug/m <sup>3</sup>
10/31/2017	13:35:09	8.7	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	13:36:09	4.8	ug/m <sup>3</sup>
10/31/2017	13:37:09	3.8	ug/m <sup>3</sup>
10/31/2017	13:38:09	3.4	ug/m <sup>3</sup>
10/31/2017	13:39:09	3.3	ug/m <sup>3</sup>
10/31/2017	13:40:09	3.2	ug/m <sup>3</sup>
10/31/2017	13:41:09	3.3	ug/m <sup>3</sup>
10/31/2017	13:42:09	3.6	ug/m <sup>3</sup>
10/31/2017	13:43:09	2.9	ug/m <sup>3</sup>
10/31/2017	13:44:09	3.6	ug/m <sup>3</sup>
10/31/2017	13:45:09	3.7	ug/m <sup>3</sup>
10/31/2017	13:46:09	3.9	ug/m <sup>3</sup>
10/31/2017	13:47:09	3.6	ug/m <sup>3</sup>
10/31/2017	13:48:09	4.7	ug/m <sup>3</sup>
10/31/2017	13:49:09	4.1	ug/m <sup>3</sup>
10/31/2017	13:50:09	5.5	ug/m <sup>3</sup>
10/31/2017	13:51:09	4.7	ug/m <sup>3</sup>
10/31/2017	13:52:09	4.2	ug/m <sup>3</sup>
10/31/2017	13:53:09	4.8	ug/m <sup>3</sup>
10/31/2017	13:54:09	4	ug/m <sup>3</sup>
10/31/2017	13:55:09	4.7	ug/m <sup>3</sup>
10/31/2017	13:56:09	4.1	ug/m <sup>3</sup>
10/31/2017	13:57:09	4.5	ug/m <sup>3</sup>
10/31/2017	13:58:09	4	ug/m <sup>3</sup>
10/31/2017	13:59:09	3.7	ug/m <sup>3</sup>
10/31/2017	14:00:09	4.2	ug/m <sup>3</sup>
10/31/2017	14:01:09	3.2	ug/m <sup>3</sup>
10/31/2017	14:02:09	3.9	ug/m <sup>3</sup>
10/31/2017	14:03:09	3.6	ug/m <sup>3</sup>
10/31/2017	14:04:09	4.1	ug/m <sup>3</sup>
10/31/2017	14:05:09	3.8	ug/m <sup>3</sup>
10/31/2017	14:06:09	5.2	ug/m <sup>3</sup>
10/31/2017	14:07:09	4.1	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	14:08:09	3.7	ug/m <sup>3</sup>
10/31/2017	14:09:09	3.8	ug/m <sup>3</sup>
10/31/2017	14:10:09	3.9	ug/m <sup>3</sup>
10/31/2017	14:11:09	4.7	ug/m <sup>3</sup>
10/31/2017	14:12:09	4.6	ug/m <sup>3</sup>
10/31/2017	14:13:09	4.2	ug/m <sup>3</sup>
10/31/2017	14:14:09	4.2	ug/m <sup>3</sup>
10/31/2017	14:15:09	4.2	ug/m <sup>3</sup>
10/31/2017	14:16:09	3.9	ug/m <sup>3</sup>
10/31/2017	14:17:09	4.6	ug/m <sup>3</sup>
10/31/2017	14:18:09	4.1	ug/m <sup>3</sup>
10/31/2017	14:19:09	5	ug/m <sup>3</sup>
10/31/2017	14:20:09	3.9	ug/m <sup>3</sup>
10/31/2017	14:21:09	3.9	ug/m <sup>3</sup>
10/31/2017	14:22:09	4.4	ug/m <sup>3</sup>
10/31/2017	14:23:09	3.6	ug/m <sup>3</sup>
10/31/2017	14:24:09	3.7	ug/m <sup>3</sup>
10/31/2017	14:25:09	3.8	ug/m <sup>3</sup>
10/31/2017	14:26:09	3.5	ug/m <sup>3</sup>
10/31/2017	14:27:09	3.6	ug/m <sup>3</sup>
10/31/2017	14:28:09	3.2	ug/m <sup>3</sup>
10/31/2017	14:29:09	4.5	ug/m <sup>3</sup>
10/31/2017	14:30:09	5.9	ug/m <sup>3</sup>
10/31/2017	14:31:09	4.8	ug/m <sup>3</sup>
10/31/2017	14:32:09	4.9	ug/m <sup>3</sup>
10/31/2017	14:33:09	4.3	ug/m <sup>3</sup>
10/31/2017	14:34:09	4	ug/m <sup>3</sup>
10/31/2017	14:35:09	3.5	ug/m <sup>3</sup>
10/31/2017	14:36:09	4.5	ug/m <sup>3</sup>
10/31/2017	14:37:09	3.6	ug/m <sup>3</sup>
10/31/2017	14:38:09	3.9	ug/m <sup>3</sup>
10/31/2017	14:39:09	4	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary PM 2.5 Particulate Monitoring - DataRAM 4000 Mine Outfall/Fence Location - 10/31/2017 Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	14:40:09	3.5	ug/m <sup>3</sup>
10/31/2017	14:41:09	3.6	ug/m <sup>3</sup>
10/31/2017	14:42:09	3.5	ug/m <sup>3</sup>
10/31/2017	14:43:09	3.7	ug/m <sup>3</sup>
10/31/2017	14:44:09	3.7	ug/m <sup>3</sup>
10/31/2017	14:45:09	4.1	ug/m <sup>3</sup>
10/31/2017	14:46:09	3.4	ug/m <sup>3</sup>
10/31/2017	14:47:09	3.3	ug/m <sup>3</sup>
10/31/2017	14:48:09	3.8	ug/m <sup>3</sup>
10/31/2017	14:49:09	4.5	ug/m <sup>3</sup>
10/31/2017	14:50:09	3.7	ug/m <sup>3</sup>
10/31/2017	14:51:09	3.8	ug/m <sup>3</sup>
10/31/2017	14:52:09	4.1	ug/m <sup>3</sup>
10/31/2017	14:53:09	4.7	ug/m <sup>3</sup>
10/31/2017	14:54:09	3.6	ug/m <sup>3</sup>
10/31/2017	14:55:09	3.5	ug/m <sup>3</sup>
10/31/2017	14:56:09	3.6	ug/m <sup>3</sup>
10/31/2017	14:57:09	3.3	ug/m <sup>3</sup>
10/31/2017	14:58:09	3.3	ug/m <sup>3</sup>
10/31/2017	14:59:09	3.3	ug/m <sup>3</sup>
10/31/2017	15:00:09	3.5	ug/m <sup>3</sup>
10/31/2017	15:01:09	3.2	ug/m <sup>3</sup>
10/31/2017	15:02:09	3.8	ug/m <sup>3</sup>
10/31/2017	15:03:09	3.1	ug/m <sup>3</sup>
10/31/2017	15:04:09	3.3	ug/m <sup>3</sup>
10/31/2017	15:05:09	3.4	ug/m <sup>3</sup>
10/31/2017	15:06:09	4.3	ug/m <sup>3</sup>
10/31/2017	15:07:09	3.4	ug/m <sup>3</sup>
10/31/2017	15:08:09	4.9	ug/m <sup>3</sup>
10/31/2017	15:09:09	3.9	ug/m <sup>3</sup>
10/31/2017	15:10:09	3.5	ug/m <sup>3</sup>
10/31/2017	15:11:09	4.2	ug/m <sup>3</sup>



US EPA - Air Monitoring Summary			
PM 2.5 Particulate Monitoring - DataRAM 4000			
Mine Outfall/Fence Location - 10/31/2017			
Latitude: 39.2482 Longitude: -81.5196			
Total Run Time:	14 hours, 0 minutes		
Maximum Reading:	29.76 ug/m <sup>3</sup>		
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>		
Instrument Readings			
Date	Time	Result	Units
10/31/2017	15:12:09	3.6	ug/m <sup>3</sup>
10/31/2017	15:13:09	3.2	ug/m <sup>3</sup>
10/31/2017	15:14:09	3.4	ug/m <sup>3</sup>
10/31/2017	15:15:09	4.3	ug/m <sup>3</sup>
10/31/2017	15:16:09	3.3	ug/m <sup>3</sup>
10/31/2017	15:17:09	3.1	ug/m <sup>3</sup>
10/31/2017	15:18:09	3.5	ug/m <sup>3</sup>
10/31/2017	15:19:09	3.4	ug/m <sup>3</sup>
10/31/2017	15:20:09	3.7	ug/m <sup>3</sup>
10/31/2017	15:21:09	3.7	ug/m <sup>3</sup>
10/31/2017	15:22:09	4.1	ug/m <sup>3</sup>
10/31/2017	15:23:09	4.3	ug/m <sup>3</sup>
10/31/2017	15:24:09	5	ug/m <sup>3</sup>
10/31/2017	15:25:09	3.7	ug/m <sup>3</sup>
10/31/2017	15:26:09	4	ug/m <sup>3</sup>
10/31/2017	15:27:09	3.5	ug/m <sup>3</sup>
10/31/2017	15:28:09	3.6	ug/m <sup>3</sup>
10/31/2017	15:29:09	3.5	ug/m <sup>3</sup>
10/31/2017	15:30:09	4.2	ug/m <sup>3</sup>
10/31/2017	15:31:09	6.3	ug/m <sup>3</sup>
10/31/2017	15:32:09	4.4	ug/m <sup>3</sup>
10/31/2017	15:33:09	4.5	ug/m <sup>3</sup>
10/31/2017	15:34:09	5	ug/m <sup>3</sup>
10/31/2017	15:35:09	5	ug/m <sup>3</sup>
10/31/2017	15:36:09	4.8	ug/m <sup>3</sup>
10/31/2017	15:37:09	4.5	ug/m <sup>3</sup>
10/31/2017	15:38:09	4.4	ug/m <sup>3</sup>
10/31/2017	15:39:09	4.2	ug/m <sup>3</sup>
10/31/2017	15:40:09	3.6	ug/m <sup>3</sup>
10/31/2017	15:41:09	4.8	ug/m <sup>3</sup>
10/31/2017	15:42:09	4.9	ug/m <sup>3</sup>
10/31/2017	15:43:09	3.8	ug/m <sup>3</sup>

US EPA - Air Monitoring Summary  
PM 2.5 Particulate Monitoring - DataRAM 4000  
Mine Outfall/Fence Location - 10/31/2017  
Latitude: 39.2482 Longitude: -81.5196

[illegible]

[illegible]

[illegible]

US EPA - Air Monitoring Summary  
PM 2.5 Particulate Monitoring - DataRAM 4000  
Mine Outfall/Fence Location - 10/31/2017  
Latitude: 39.2482 Longitude: -81.5196

Total Run Time:	14 hours, 0 minutes
Maximum Reading:	29.76 ug/m <sup>3</sup>
Time Weighted Average (TWA):	8.68 ug/m <sup>3</sup>

Instrument Readings	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
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35	36
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43	44
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51	52
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55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
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85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

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