

November 29, 2024

Ministry of the Environment, Conservation and Parks
1094 London Road
Sarnia, Ontario
N7S 1P1

RE: O.Reg 88 – Section 34 Quarterly Report – Q3 2024

This quarterly report is being submitted to meet the requirements as stated in section 34 of O. Reg 88.

1. The date and time period of any contraventions of sections 8 to 16.

Sections 8 to 16 (Sulphur Dioxide Limits) do not apply to the Suncor Sarnia Refinery until January 1, 2027.

2. A summary of any measures identified under paragraph 6 of section 32 that were implemented at the facility during the quarter, their implementation dates and an assessment of their effectiveness.

There were no exceedances of the mass emission thresholds requiring a “Root Cause Analysis and Corrective/Preventative Action Report” during this reporting period.

3. The information required under paragraphs 1 to 3 of section 38.

The Continuous Monitoring information requirements in section 38 or alternatives as described in Order No. 1-647072312 are included in Appendix A

4. The records required under paragraphs 3 and 5 of section 39.

There were no exceedances of section 39 in the reporting period.

5. The information required under paragraphs 1 and 3 of subsection 40 (2).

The Suncor Sarnia refinery has received a section 40(1) Notice from the Director for the following CASA run community monitoring stations:

- Front Street
- Scott Road
- Lasalle Line
- Leslie Sutherland
- Paddock Green Park
- Sombra Line

There were no exceedances of section 40 in the reporting period.

Appendix A

The Information required under paragraphs 1 to 3 of section 38 or alternatives as described in Order No. 1-647072312

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/1/2024	62.69	4.92	714.96	20.94
7/1/2024 1:00	62.81	5.00	715.01	20.02
7/1/2024 2:00	63.43	5.07	714.96	19.34
7/1/2024 3:00	62.98	5.10	714.96	18.79
7/1/2024 4:00	65.58	5.08	715.00	18.68
7/1/2024 5:00	65.08	5.10	714.98	19.34
7/1/2024 6:00	59.63	5.09	715.00	18.56
7/1/2024 7:00	56.05	5.06	715.02	18.68
7/1/2024 8:00	51.18	5.01	715.00	17.99
7/1/2024 9:00	55.39	4.98	715.02	18.67
7/1/2024 10:00	61.28	4.91	714.99	19.88
7/1/2024 11:00	61.38	4.85	715.02	20.32
7/1/2024 12:00	62.03	4.85	715.03	19.56
7/1/2024 13:00	62.39	4.83	715.00	20.65
7/1/2024 14:00	58.99	4.80	715.02	21.86
7/1/2024 15:00	58.62	4.78	715.01	21.65
7/1/2024 16:00	57.08	4.77	714.98	21.72
7/1/2024 17:00	58.39	4.77	715.01	20.71
7/1/2024 18:00	58.83	4.74	714.99	20.67
7/1/2024 19:00	58.52	4.74	714.98	20.93
7/1/2024 20:00	57.17	4.77	715.00	20.95
7/1/2024 21:00	55.11	4.80	714.97	20.31
7/1/2024 22:00	53.85	4.84	714.98	20.42
7/1/2024 23:00	57.79	4.85	715.04	21.01
7/2/2024	53.85	4.78	714.97	21.91
7/2/2024 1:00	52.97	4.77	715.01	21.81
7/2/2024 2:00	55.50	4.77	714.98	21.13
7/2/2024 3:00	56.48	4.76	715.01	21.24
7/2/2024 4:00	57.70	4.75	714.96	20.67
7/2/2024 5:00	58.36	4.72	715.03	20.67
7/2/2024 6:00	58.27	4.74	714.98	19.64
7/2/2024 7:00	58.46	4.71	715.02	20.89
7/2/2024 8:00	58.74	4.69	714.95	20.70
7/2/2024 9:00	61.21	4.60	715.06	22.83
7/2/2024 10:00	61.30	4.58	715.02	23.28
7/2/2024 11:00	64.08	4.56	714.98	22.82
7/2/2024 12:00	65.18	4.53	715.03	24.82
7/2/2024 13:00	65.99	4.62	715.07	22.38
7/2/2024 14:00	62.45	4.67	714.99	22.17
7/2/2024 15:00	58.73	4.72	715.05	21.82
7/2/2024 16:00	55.36	4.80	714.91	21.74
7/2/2024 17:00	53.91	4.82	715.03	22.01
7/2/2024 18:00	52.93	4.80	715.00	22.21

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/2/2024 19:00	52.46	4.80	715.00	23.09
7/2/2024 20:00	53.15	4.79	715.01	23.22
7/2/2024 21:00	52.96	4.83	714.98	22.36
7/2/2024 22:00	54.57	4.80	714.98	22.30
7/2/2024 23:00	56.86	4.70	715.05	22.59
7/3/2024	56.80	4.71	715.02	22.40
7/3/2024 1:00	57.13	4.68	715.00	23.06
7/3/2024 2:00	56.76	4.65	714.97	23.22
7/3/2024 3:00	55.14	4.63	715.02	22.84
7/3/2024 4:00	54.88	4.60	715.00	23.27
7/3/2024 5:00	53.78	4.64	715.04	20.33
7/3/2024 6:00	55.04	4.62	714.97	20.22
7/3/2024 7:00	56.34	4.58	715.02	19.59
7/3/2024 8:00	55.34	4.56	715.00	19.57
7/3/2024 9:00	59.71	4.58	714.99	18.93
7/3/2024 10:00	60.76	4.57	715.05	19.37
7/3/2024 11:00	60.45	4.56	715.03	18.85
7/3/2024 12:00	65.61	4.67	715.04	18.83
7/3/2024 13:00	63.10	4.65	714.98	18.91
7/3/2024 14:00	62.99	4.72	715.04	18.70
7/3/2024 15:00	60.92	4.70	714.95	18.74
7/3/2024 16:00	71.24	4.68	715.03	18.14
7/3/2024 17:00	65.81	4.66	714.98	18.88
7/3/2024 18:00	66.41	4.61	715.08	18.06
7/3/2024 19:00	65.46	4.81	715.02	18.56
7/3/2024 20:00	61.50	4.89	715.02	18.77
7/3/2024 21:00	55.05	4.93	714.95	18.33
7/3/2024 22:00	53.59	4.92	714.99	18.72
7/3/2024 23:00	52.87	4.87	714.93	18.68
7/4/2024	53.22	4.76	714.95	18.30
7/4/2024 1:00	53.34	4.90	714.96	18.47
7/4/2024 2:00	55.60	4.83	714.99	18.02
7/4/2024 3:00	55.67	4.72	715.08	18.58
7/4/2024 4:00	58.59	4.73	714.94	18.50
7/4/2024 5:00	60.52	4.75	715.02	18.23
7/4/2024 6:00	60.21	4.75	715.01	18.05
7/4/2024 7:00	59.40	4.72	714.97	17.94
7/4/2024 8:00	57.45	4.74	714.98	17.84
7/4/2024 9:00	119.37	4.41	715.02	17.61
7/4/2024 10:00	984.44	4.84	714.96	17.42
7/4/2024 11:00	67.10	4.75	715.01	17.97
7/4/2024 12:00	66.51	4.67	715.03	17.66
7/4/2024 13:00	68.97	4.79	715.02	18.04

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/4/2024 14:00	70.66	4.84	715.06	18.56
7/4/2024 15:00	69.98	4.78	714.99	17.98
7/4/2024 16:00	71.21	4.70	714.98	18.18
7/4/2024 17:00	75.78	4.75	715.01	19.14
7/4/2024 18:00	71.50	4.81	715.01	18.70
7/4/2024 19:00	65.93	4.82	714.97	18.74
7/4/2024 20:00	66.05	4.79	715.01	17.41
7/4/2024 21:00	68.18	4.81	715.00	18.47
7/4/2024 22:00	62.48	4.88	714.95	18.16
7/4/2024 23:00	59.99	4.80	714.98	18.26
7/5/2024	58.61	4.76	714.97	18.24
7/5/2024 1:00	58.36	4.77	714.99	19.09
7/5/2024 2:00	58.52	4.80	715.01	19.66
7/5/2024 3:00	58.99	4.79	714.97	19.14
7/5/2024 4:00	59.09	4.78	714.99	19.02
7/5/2024 5:00	59.87	4.75	715.03	18.69
7/5/2024 6:00	58.36	4.78	714.97	19.35
7/5/2024 7:00	58.49	4.76	714.98	19.61
7/5/2024 8:00	60.15	4.67	715.01	19.43
7/5/2024 9:00	63.13	4.65	715.04	20.08
7/5/2024 10:00	67.33	4.56	715.07	19.52
7/5/2024 11:00	67.02	4.48	714.98	19.70
7/5/2024 12:00	69.09	4.57	715.01	18.47
7/5/2024 13:00	66.03	4.67	715.00	18.39
7/5/2024 14:00	65.86	4.69	714.98	18.17
7/5/2024 15:00	65.86	4.62	714.96	17.66
7/5/2024 16:00	62.38	4.69	715.02	17.61
7/5/2024 17:00	69.11	4.66	714.99	17.75
7/5/2024 18:00	71.07	4.70	715.00	17.98
7/5/2024 19:00	69.67	4.64	714.99	18.40
7/5/2024 20:00	66.30	4.62	715.02	18.43
7/5/2024 21:00	65.92	4.62	715.00	18.17
7/5/2024 22:00	66.43	4.61	715.02	18.51
7/5/2024 23:00	66.33	4.63	715.01	18.38
7/6/2024	61.51	4.61	714.91	18.04
7/6/2024 1:00	61.72	4.86	715.15	18.49
7/6/2024 2:00	61.86	5.14	715.02	18.98
7/6/2024 3:00	67.10	4.99	714.91	18.71
7/6/2024 4:00	65.52	5.12	715.05	18.17
7/6/2024 5:00	66.88	5.25	715.05	17.79
7/6/2024 6:00	65.55	5.25	714.98	18.48
7/6/2024 7:00	64.42	5.19	715.01	17.68
7/6/2024 8:00	65.80	5.18	715.04	18.63

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/6/2024 9:00	65.93	4.49	714.85	18.51
7/6/2024 10:00	64.58	4.04	714.88	18.75
7/6/2024 11:00	65.83	3.78	715.15	18.15
7/6/2024 12:00	68.13	3.85	714.99	18.48
7/6/2024 13:00	65.83	3.87	714.99	18.78
7/6/2024 14:00	67.17	3.86	715.06	18.29
7/6/2024 15:00	69.38	3.76	714.98	18.68
7/6/2024 16:00	66.93	3.81	714.94	17.73
7/6/2024 17:00	66.40	3.77	715.03	18.15
7/6/2024 18:00	64.70	3.76	714.97	19.11
7/6/2024 19:00	65.13	3.77	715.02	19.63
7/6/2024 20:00	65.12	3.77	715.00	19.47
7/6/2024 21:00	64.86	3.80	715.01	19.45
7/6/2024 22:00	64.70	3.85	715.03	19.31
7/6/2024 23:00	65.30	3.88	715.03	19.13
7/7/2024	64.92	3.92	714.99	18.73
7/7/2024 1:00	65.52	3.98	714.99	18.64
7/7/2024 2:00	64.39	3.98	715.03	17.79
7/7/2024 3:00	61.50	3.97	714.97	17.90
7/7/2024 4:00	64.95	4.13	714.99	17.70
7/7/2024 5:00	65.80	4.15	715.02	18.21
7/7/2024 6:00	65.69	4.12	714.97	18.27
7/7/2024 7:00	65.80	4.11	715.02	18.54
7/7/2024 8:00	77.33	4.21	715.02	17.87
7/7/2024 9:00	96.61	4.23	715.09	18.18
7/7/2024 10:00	100.79	4.35	715.03	18.15
7/7/2024 11:00	98.46	4.28	715.02	18.40
7/7/2024 12:00	94.56	4.37	715.01	17.90
7/7/2024 13:00	92.46	4.29	714.96	18.20
7/7/2024 14:00	87.14	4.33	714.98	19.20
7/7/2024 15:00	94.98	4.30	715.04	18.30
7/7/2024 16:00	97.12	4.29	715.04	18.26
7/7/2024 17:00	93.60	4.30	714.96	17.91
7/7/2024 18:00	91.56	4.31	715.01	17.62
7/7/2024 19:00	86.39	4.36	715.01	17.80
7/7/2024 20:00	85.19	4.38	715.00	17.64
7/7/2024 21:00	77.51	4.38	715.00	17.25
7/7/2024 22:00	75.00	4.36	715.04	18.09
7/7/2024 23:00	75.96	4.36	714.94	17.76
7/8/2024	78.23	4.30	714.97	17.84
7/8/2024 1:00	77.66	4.30	715.00	17.66
7/8/2024 2:00	73.24	4.33	714.99	17.88
7/8/2024 3:00	73.59	4.37	715.01	18.26

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/8/2024 4:00	72.11	4.42	715.00	17.45
7/8/2024 5:00	71.64	4.38	714.98	17.56
7/8/2024 6:00	67.87	4.37	715.00	18.00
7/8/2024 7:00	70.60	4.43	715.00	19.04
7/8/2024 8:00	75.80	4.43	714.99	18.74
7/8/2024 9:00	81.43	4.31	714.98	17.88
7/8/2024 10:00	91.93	4.32	715.02	18.06
7/8/2024 11:00	95.51	4.33	715.06	19.10
7/8/2024 12:00	99.54	4.36	714.99	18.46
7/8/2024 13:00	103.15	4.34	715.02	17.61
7/8/2024 14:00	103.92	4.35	715.00	18.16
7/8/2024 15:00	104.01	4.40	715.02	18.04
7/8/2024 16:00	104.14	4.41	715.03	18.50
7/8/2024 17:00	107.69	4.42	715.02	18.07
7/8/2024 18:00	103.90	4.39	714.95	18.45
7/8/2024 19:00	101.54	4.42	715.02	18.88
7/8/2024 20:00	91.30	4.44	715.00	18.81
7/8/2024 21:00	86.32	4.47	715.01	18.95
7/8/2024 22:00	83.37	4.50	714.99	18.33
7/8/2024 23:00	84.55	4.52	714.99	17.70
7/9/2024	88.97	4.51	715.00	18.52
7/9/2024 1:00	83.62	4.52	714.98	18.44
7/9/2024 2:00	80.59	4.16	714.89	17.86
7/9/2024 3:00	80.05	4.15	715.07	18.31
7/9/2024 4:00	79.76	4.34	715.01	18.01
7/9/2024 5:00	86.57	4.49	715.03	18.21
7/9/2024 6:00	85.35	4.45	714.95	17.96
7/9/2024 7:00	82.53	4.47	715.03	18.03
7/9/2024 8:00	85.53	4.46	714.98	18.03
7/9/2024 9:00	84.72	4.42	715.03	17.42
7/9/2024 10:00	92.34	4.39	714.96	18.21
7/9/2024 11:00	94.19	4.43	715.07	17.98
7/9/2024 12:00	96.73	4.39	714.97	17.65
7/9/2024 13:00	101.80	4.39	715.00	17.91
7/9/2024 14:00	104.75	4.51	715.05	17.35
7/9/2024 15:00	103.45	4.52	715.01	17.48
7/9/2024 16:00	98.73	4.58	715.02	17.34
7/9/2024 17:00	100.22	4.61	714.96	18.08
7/9/2024 18:00	102.99	4.65	714.98	17.26
7/9/2024 19:00	90.47	4.64	715.01	17.55
7/9/2024 20:00	90.27	4.63	714.99	17.32
7/9/2024 21:00	87.95	4.57	715.05	17.35
7/9/2024 22:00	87.32	4.56	714.96	17.50

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/9/2024 23:00	90.28	4.52	714.99	17.84
7/10/2024	92.90	4.53	715.00	18.05
7/10/2024 1:00	90.72	4.50	714.96	18.76
7/10/2024 2:00	91.75	4.36	714.95	19.48
7/10/2024 3:00	87.64	4.43	715.06	19.78
7/10/2024 4:00	86.43	4.40	714.99	19.82
7/10/2024 5:00	88.40	4.39	714.97	20.52
7/10/2024 6:00	84.92	4.32	715.02	20.97
7/10/2024 7:00	66.25	4.31	714.95	21.07
7/10/2024 8:00	81.70	4.30	715.11	20.63
7/10/2024 9:00	76.38	4.22	714.97	19.96
7/10/2024 10:00	75.92	4.25	715.04	20.54
7/10/2024 11:00	79.10	4.29	715.02	21.35
7/10/2024 12:00	83.64	4.31	714.99	21.18
7/10/2024 13:00	74.94	4.37	714.95	20.83
7/10/2024 14:00	76.04	4.32	715.07	19.93
7/10/2024 15:00	69.95	4.11	714.98	19.48
7/10/2024 16:00	72.30	3.96	715.02	19.51
7/10/2024 17:00	60.36	3.91	715.01	20.07
7/10/2024 18:00	60.72	3.96	715.00	19.61
7/10/2024 19:00	58.57	3.95	714.96	19.62
7/10/2024 20:00	64.22	3.90	715.01	20.07
7/10/2024 21:00	64.29	4.03	714.97	20.04
7/10/2024 22:00	65.30	3.98	714.99	19.53
7/10/2024 23:00	66.23	4.05	714.96	19.44
7/11/2024	67.97	4.08	715.00	19.08
7/11/2024 1:00	65.80	4.08	715.00	19.14
7/11/2024 2:00	68.51	4.08	715.02	19.12
7/11/2024 3:00	67.53	4.14	714.97	19.00
7/11/2024 4:00	64.86	4.14	715.00	18.37
7/11/2024 5:00	68.24	4.18	715.02	18.65
7/11/2024 6:00	69.18	4.21	714.96	18.24
7/11/2024 7:00	68.31	4.19	715.00	18.41
7/11/2024 8:00	66.21	4.17	714.99	18.27
7/11/2024 9:00	64.59	4.16	715.02	19.08
7/11/2024 10:00	67.11	4.03	714.94	19.66
7/11/2024 11:00	69.41	4.00	715.09	19.18
7/11/2024 12:00	836.97	3.94	714.97	20.14
7/11/2024 13:00	67.94	3.84	714.96	20.74
7/11/2024 14:00	62.69	3.86	715.01	20.17
7/11/2024 15:00	62.55	3.88	714.99	19.99
7/11/2024 16:00	59.36	3.87	714.97	20.00
7/11/2024 17:00	58.78	3.88	715.04	20.10

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/11/2024 18:00	58.79	3.93	714.97	20.34
7/11/2024 19:00	59.00	3.91	715.01	19.96
7/11/2024 20:00	58.48	3.92	715.00	20.16
7/11/2024 21:00	58.68	3.96	714.91	20.35
7/11/2024 22:00	59.62	3.98	714.99	19.59
7/11/2024 23:00	59.91	3.92	714.99	19.65
7/12/2024	59.58	3.85	714.98	19.71
7/12/2024 1:00	59.40	3.76	714.98	19.53
7/12/2024 2:00	60.65	3.64	714.97	18.27
7/12/2024 3:00	65.57	3.63	714.99	18.71
7/12/2024 4:00	65.62	3.58	715.00	18.61
7/12/2024 5:00	65.10	3.49	714.95	18.99
7/12/2024 6:00	64.26	3.48	714.98	18.47
7/12/2024 7:00	64.01	3.52	715.01	19.54
7/12/2024 8:00	64.73	3.59	715.05	19.23
7/12/2024 9:00	70.28	3.59	715.03	19.22
7/12/2024 10:00	71.10	3.66	715.01	18.92
7/12/2024 11:00	74.00	4.04	714.89	18.11
7/12/2024 12:00	365.01	3.99	715.15	25.83
7/12/2024 13:00	278.84	3.85	715.03	14.92
7/12/2024 14:00	271.65	3.75	715.02	14.96
7/12/2024 15:00	263.63	3.71	714.97	15.38
7/12/2024 16:00	259.07	3.68	714.95	15.48
7/12/2024 17:00	253.60	3.59	714.91	15.29
7/12/2024 18:00	247.48	3.46	715.03	15.27
7/12/2024 19:00	231.83	3.77	715.02	14.95
7/12/2024 20:00	201.88	3.91	715.11	14.91
7/12/2024 21:00	184.80	3.96	714.89	14.76
7/12/2024 22:00	177.96	3.99	714.97	14.90
7/12/2024 23:00	174.81	3.97	714.98	14.98
7/13/2024	174.84	3.86	714.94	15.13
7/13/2024 1:00	174.65	3.88	714.98	15.20
7/13/2024 2:00	174.41	3.81	714.93	14.89
7/13/2024 3:00	173.59	3.76	715.04	14.80
7/13/2024 4:00	168.49	3.86	715.05	14.68
7/13/2024 5:00	161.12	3.91	715.00	14.75
7/13/2024 6:00	155.11	3.89	714.98	14.57
7/13/2024 7:00	146.34	4.14	715.04	14.41
7/13/2024 8:00	117.91	4.39	715.00	14.34
7/13/2024 9:00	110.87	4.34	715.03	14.46
7/13/2024 10:00	106.19	4.46	715.00	14.25
7/13/2024 11:00	101.99	4.47	714.99	14.32
7/13/2024 12:00	96.40	4.55	715.02	14.49

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/13/2024 13:00	85.26	5.15	714.56	15.47
7/13/2024 14:00	70.63	5.78	715.04	19.46
7/13/2024 15:00	70.26	5.76	715.03	18.99
7/13/2024 16:00	72.20	5.73	714.98	20.39
7/13/2024 17:00	71.70	5.71	714.99	20.73
7/13/2024 18:00	66.81	5.76	715.02	20.12
7/13/2024 19:00	64.88	5.80	714.94	20.38
7/13/2024 20:00	66.25	5.16	714.86	20.29
7/13/2024 21:00	65.99	5.22	714.99	19.39
7/13/2024 22:00	62.51	5.14	714.95	19.75
7/13/2024 23:00	58.99	5.15	714.95	20.37
7/14/2024	58.58	4.95	714.92	19.89
7/14/2024 1:00	59.00	4.98	715.02	19.53
7/14/2024 2:00	59.43	5.04	715.00	19.96
7/14/2024 3:00	57.89	5.05	714.99	20.44
7/14/2024 4:00	60.05	5.00	714.98	20.32
7/14/2024 5:00	59.47	4.99	714.97	19.81
7/14/2024 6:00	59.34	4.96	715.03	21.03
7/14/2024 7:00	59.37	5.25	715.12	21.00
7/14/2024 8:00	59.36	5.29	715.00	21.16
7/14/2024 9:00	61.78	5.21	715.04	19.72
7/14/2024 10:00	62.29	5.26	715.02	20.30
7/14/2024 11:00	59.93	5.21	714.98	19.92
7/14/2024 12:00	60.31	5.21	715.04	19.26
7/14/2024 13:00	68.72	5.18	715.06	19.16
7/14/2024 14:00	69.60	5.14	715.01	19.23
7/14/2024 15:00	67.46	5.13	714.99	19.37
7/14/2024 16:00	62.24	5.10	714.98	19.60
7/14/2024 17:00	61.85	5.14	714.99	19.95
7/14/2024 18:00	55.17	5.14	715.00	19.61
7/14/2024 19:00	56.10	5.18	714.99	18.86
7/14/2024 20:00	60.08	5.19	715.01	19.28
7/14/2024 21:00	57.71	5.18	714.97	19.78
7/14/2024 22:00	56.11	5.17	714.97	19.14
7/14/2024 23:00	58.14	5.18	714.99	19.19
7/15/2024	58.84	5.21	714.99	19.16
7/15/2024 1:00	57.57	5.22	715.01	18.66
7/15/2024 2:00	57.74	5.26	714.99	18.80
7/15/2024 3:00	59.62	5.26	715.00	19.22
7/15/2024 4:00	58.86	5.30	714.99	18.62
7/15/2024 5:00	57.49	5.29	715.00	19.59
7/15/2024 6:00	59.62	5.27	714.99	19.33
7/15/2024 7:00	58.74	5.29	714.97	19.86

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/15/2024 8:00	58.28	5.30	715.07	19.70
7/15/2024 9:00	52.25	5.27	714.87	20.26
7/15/2024 10:00	58.32	5.32	715.04	20.88
7/15/2024 11:00	55.77	5.37	715.03	21.31
7/15/2024 12:00	53.55	5.27	714.89	21.11
7/15/2024 13:00	58.86	5.22	715.13	20.10
7/15/2024 14:00	61.29	5.96	715.35	20.51
7/15/2024 15:00	68.91	6.57	715.03	20.72
7/15/2024 16:00	82.00	6.47	714.98	21.34
7/15/2024 17:00	86.00	6.33	715.00	21.80
7/15/2024 18:00	82.47	6.24	715.00	20.81
7/15/2024 19:00	73.47	6.33	715.02	20.75
7/15/2024 20:00	72.30	6.34	714.97	20.88
7/15/2024 21:00	69.10	6.37	714.96	21.47
7/15/2024 22:00	64.02	6.39	715.00	20.20
7/15/2024 23:00	64.35	6.41	714.99	20.92
7/16/2024	63.54	6.39	715.01	24.02
7/16/2024 1:00	64.32	6.39	715.00	22.59
7/16/2024 2:00	66.55	6.37	715.01	21.67
7/16/2024 3:00	65.89	6.35	714.99	21.46
7/16/2024 4:00	65.89	6.35	715.00	22.06
7/16/2024 5:00	65.99	6.30	715.00	24.90
7/16/2024 6:00	66.21	6.34	715.00	23.07
7/16/2024 7:00	62.57	6.29	714.99	21.27
7/16/2024 8:00	63.41	6.45	714.95	21.90
7/16/2024 9:00	61.86	6.04	714.95	21.53
7/16/2024 10:00	91.38	6.35	715.15	19.66
7/16/2024 11:00	109.54	6.53	715.09	19.45
7/16/2024 12:00	107.54	6.44	715.00	19.47
7/16/2024 13:00	107.21	6.37	714.98	20.87
7/16/2024 14:00	109.23	6.32	715.06	19.86
7/16/2024 15:00	105.54	6.32	714.94	19.25
7/16/2024 16:00	100.81	6.31	715.00	19.51
7/16/2024 17:00	101.10	6.27	715.01	19.85
7/16/2024 18:00	98.62	6.33	714.97	19.91
7/16/2024 19:00	104.76	6.33	715.02	19.50
7/16/2024 20:00	97.14	6.34	714.97	20.74
7/16/2024 21:00	90.25	6.36	714.99	20.31
7/16/2024 22:00	83.46	6.35	714.96	18.65
7/16/2024 23:00	88.23	6.47	715.01	19.17
7/17/2024	87.35	6.43	714.98	19.39
7/17/2024 1:00	79.73	6.51	714.99	19.76
7/17/2024 2:00	82.62	6.48	715.03	19.04

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/17/2024 3:00	80.76	6.40	714.92	19.30
7/17/2024 4:00	82.03	6.39	714.98	19.98
7/17/2024 5:00	78.20	6.45	715.05	20.36
7/17/2024 6:00	75.06	6.43	714.96	20.82
7/17/2024 7:00	73.51	6.45	715.03	20.00
7/17/2024 8:00	77.71	6.41	714.95	19.87
7/17/2024 9:00	79.95	6.37	714.98	19.69
7/17/2024 10:00	87.09	6.38	715.04	19.89
7/17/2024 11:00	90.34	6.41	715.03	19.40
7/17/2024 12:00	94.02	6.42	715.03	19.87
7/17/2024 13:00	91.44	6.36	715.01	19.59
7/17/2024 14:00	92.77	6.33	714.96	19.38
7/17/2024 15:00	92.43	6.33	715.04	19.64
7/17/2024 16:00	82.05	6.36	715.01	19.68
7/17/2024 17:00	86.58	6.23	714.93	20.64
7/17/2024 18:00	71.02	6.34	715.02	21.64
7/17/2024 19:00	67.83	6.43	714.98	22.51
7/17/2024 20:00	65.94	6.36	714.97	21.85
7/17/2024 21:00	66.30	6.40	714.94	21.79
7/17/2024 22:00	64.21	6.50	714.98	21.07
7/17/2024 23:00	65.32	6.45	715.01	20.91
7/18/2024	59.88	6.43	714.99	19.66
7/18/2024 1:00	63.31	6.39	715.03	20.06
7/18/2024 2:00	63.55	6.42	714.98	20.00
7/18/2024 3:00	58.74	6.43	714.99	19.53
7/18/2024 4:00	55.76	6.39	714.98	19.50
7/18/2024 5:00	53.40	6.39	715.01	18.45
7/18/2024 6:00	55.03	6.43	714.98	18.80
7/18/2024 7:00	59.92	6.44	714.97	19.12
7/18/2024 8:00	63.22	6.44	714.97	18.92
7/18/2024 9:00	66.75	6.39	715.02	19.23
7/18/2024 10:00	69.28	6.40	715.06	19.55
7/18/2024 11:00	602.39	5.79	714.96	19.77
7/18/2024 12:00	67.35	6.05	715.08	20.58
7/18/2024 13:00	65.82	6.01	714.95	20.91
7/18/2024 14:00	69.78	6.01	715.07	21.98
7/18/2024 15:00	70.22	6.01	714.94	21.90
7/18/2024 16:00	72.77	6.06	715.00	21.96
7/18/2024 17:00	70.79	6.08	715.00	22.51
7/18/2024 18:00	70.32	6.11	714.99	22.04
7/18/2024 19:00	68.08	6.15	714.99	22.57
7/18/2024 20:00	71.36	6.16	714.96	22.51
7/18/2024 21:00	68.30	6.20	714.97	21.91

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/18/2024 22:00	67.42	6.23	714.99	21.34
7/18/2024 23:00	65.02	6.23	714.99	22.78
7/19/2024	61.22	6.22	715.05	21.25
7/19/2024 1:00	57.24	6.21	714.99	20.02
7/19/2024 2:00	58.29	6.20	714.95	20.32
7/19/2024 3:00	57.14	6.18	715.01	19.83
7/19/2024 4:00	53.23	6.16	715.00	20.14
7/19/2024 5:00	52.90	6.13	715.00	19.76
7/19/2024 6:00	52.84	6.16	714.97	19.56
7/19/2024 7:00	53.37	6.13	715.00	20.05
7/19/2024 8:00	53.86	6.07	715.00	18.82
7/19/2024 9:00	56.30	6.06	715.04	18.08
7/19/2024 10:00	57.92	6.00	715.06	18.58
7/19/2024 11:00	57.61	5.94	715.03	18.28
7/19/2024 12:00	58.30	5.96	715.04	19.12
7/19/2024 13:00	54.95	5.94	714.99	19.08
7/19/2024 14:00	56.66	5.91	714.98	18.86
7/19/2024 15:00	57.85	5.90	715.10	19.00
7/19/2024 16:00	58.96	5.93	714.91	19.77
7/19/2024 17:00	57.12	5.88	715.06	18.90
7/19/2024 18:00	55.90	5.90	715.01	19.90
7/19/2024 19:00	58.27	5.94	715.00	19.17
7/19/2024 20:00	58.03	5.93	714.99	19.98
7/19/2024 21:00	55.65	5.89	715.00	19.36
7/19/2024 22:00	57.93	5.90	714.96	19.01
7/19/2024 23:00	57.52	5.95	714.96	18.85
7/20/2024	56.88	5.99	715.00	20.03
7/20/2024 1:00	56.49	5.98	715.02	19.45
7/20/2024 2:00	55.21	5.97	714.97	18.16
7/20/2024 3:00	54.86	5.98	715.00	18.41
7/20/2024 4:00	57.63	5.97	715.03	18.97
7/20/2024 5:00	54.11	5.96	714.99	18.82
7/20/2024 6:00	56.59	5.94	715.00	18.95
7/20/2024 7:00	58.24	5.96	714.98	18.62
7/20/2024 8:00	60.58	5.93	715.00	18.92
7/20/2024 9:00	58.33	5.89	715.03	18.78
7/20/2024 10:00	58.61	5.91	715.05	19.48
7/20/2024 11:00	62.85	5.90	715.03	19.88
7/20/2024 12:00	65.17	5.84	714.94	19.26
7/20/2024 13:00	61.63	5.87	715.01	19.73
7/20/2024 14:00	59.77	5.88	715.02	19.42
7/20/2024 15:00	64.51	5.91	715.01	19.16
7/20/2024 16:00	63.92	5.87	714.96	20.10

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/20/2024 17:00	64.83	5.86	715.02	20.21
7/20/2024 18:00	64.01	5.88	714.99	19.58
7/20/2024 19:00	57.80	5.88	715.04	20.72
7/20/2024 20:00	58.99	5.89	714.98	19.33
7/20/2024 21:00	59.00	5.89	714.96	18.44
7/20/2024 22:00	58.61	5.91	715.00	18.83
7/20/2024 23:00	58.36	5.91	714.98	18.79
7/21/2024	59.37	5.89	715.02	18.90
7/21/2024 1:00	61.88	5.85	714.99	18.69
7/21/2024 2:00	62.59	5.83	714.98	18.82
7/21/2024 3:00	61.88	5.88	714.99	19.57
7/21/2024 4:00	61.81	5.88	715.01	18.80
7/21/2024 5:00	66.08	5.85	714.99	20.31
7/21/2024 6:00	59.38	5.83	715.04	19.89
7/21/2024 7:00	63.56	5.87	714.96	19.20
7/21/2024 8:00	66.30	5.85	715.02	19.65
7/21/2024 9:00	64.17	5.78	715.02	19.30
7/21/2024 10:00	65.89	5.76	715.02	20.27
7/21/2024 11:00	65.05	5.73	715.00	21.22
7/21/2024 12:00	65.64	5.70	715.02	21.95
7/21/2024 13:00	66.27	5.72	714.99	22.33
7/21/2024 14:00	62.57	5.64	715.04	21.02
7/21/2024 15:00	68.68	5.63	715.00	20.97
7/21/2024 16:00	65.27	5.65	715.00	21.59
7/21/2024 17:00	62.38	5.63	714.98	21.44
7/21/2024 18:00	64.48	5.71	715.00	21.57
7/21/2024 19:00	64.91	5.66	715.01	21.75
7/21/2024 20:00	65.87	5.70	714.98	21.58
7/21/2024 21:00	66.13	5.73	714.98	21.78
7/21/2024 22:00	63.93	5.73	714.99	20.91
7/21/2024 23:00	65.74	5.73	715.01	21.10
7/22/2024	61.66	5.70	714.98	21.25
7/22/2024 1:00	60.68	5.73	715.02	20.98
7/22/2024 2:00	65.69	5.77	714.97	21.20
7/22/2024 3:00	65.22	5.74	714.99	20.95
7/22/2024 4:00	65.74	5.74	714.97	21.06
7/22/2024 5:00	65.36	5.74	715.00	22.79
7/22/2024 6:00	61.44	5.71	715.00	22.42
7/22/2024 7:00	64.07	5.71	714.98	21.64
7/22/2024 8:00	64.32	5.73	715.01	21.78
7/22/2024 9:00	65.80	5.67	715.04	21.90
7/22/2024 10:00	68.44	5.65	715.00	22.02
7/22/2024 11:00	67.68	5.58	715.00	21.64

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/22/2024 12:00	66.95	5.59	715.03	20.97
7/22/2024 13:00	67.57	5.55	715.01	21.58
7/22/2024 14:00	64.25	5.55	714.99	21.02
7/22/2024 15:00	66.32	5.59	715.03	21.35
7/22/2024 16:00	63.50	5.64	714.98	21.75
7/22/2024 17:00	64.45	5.63	715.00	21.63
7/22/2024 18:00	60.31	5.69	714.99	21.58
7/22/2024 19:00	59.77	5.69	715.00	21.20
7/22/2024 20:00	62.27	5.69	715.01	21.31
7/22/2024 21:00	60.80	5.66	715.00	19.62
7/22/2024 22:00	64.92	5.67	714.96	19.57
7/22/2024 23:00	62.32	5.67	714.99	20.53
7/23/2024	63.07	5.69	715.00	20.75
7/23/2024 1:00	61.38	5.67	715.00	20.33
7/23/2024 2:00	59.74	5.67	715.00	19.67
7/23/2024 3:00	61.72	5.66	714.99	20.31
7/23/2024 4:00	61.72	5.64	715.01	20.23
7/23/2024 5:00	64.39	5.69	714.99	19.87
7/23/2024 6:00	62.04	5.68	715.01	19.85
7/23/2024 7:00	65.23	5.65	714.99	20.29
7/23/2024 8:00	63.89	5.66	714.98	20.77
7/23/2024 9:00	62.41	5.55	715.06	20.61
7/23/2024 10:00	67.73	5.46	715.03	19.77
7/23/2024 11:00	71.83	5.43	715.01	21.03
7/23/2024 12:00	76.59	5.40	715.07	21.72
7/23/2024 13:00	72.36	5.37	714.97	22.96
7/23/2024 14:00	73.24	5.35	715.02	23.59
7/23/2024 15:00	76.06	5.35	714.98	22.37
7/23/2024 16:00	75.31	5.31	715.00	22.59
7/23/2024 17:00	66.11	5.33	714.99	22.15
7/23/2024 18:00	68.09	5.31	715.00	19.62
7/23/2024 19:00	67.81	5.32	715.03	22.80
7/23/2024 20:00	66.15	5.35	714.96	23.43
7/23/2024 21:00	64.77	5.44	714.95	21.63
7/23/2024 22:00	67.42	5.47	714.97	19.76
7/23/2024 23:00	67.21	5.39	715.00	20.18
7/24/2024	68.31	5.58	715.01	20.95
7/24/2024 1:00	66.27	5.36	714.94	21.14
7/24/2024 2:00	65.11	5.35	715.00	19.75
7/24/2024 3:00	65.52	5.37	715.02	20.23
7/24/2024 4:00	66.83	5.34	714.99	20.04
7/24/2024 5:00	68.36	5.29	715.03	19.48
7/24/2024 6:00	71.33	5.26	714.99	19.01

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/24/2024 7:00	70.44	5.28	714.99	18.86
7/24/2024 8:00	67.94	5.29	714.96	19.17
7/24/2024 9:00	71.47	5.34	715.00	20.13
7/24/2024 10:00	71.54	5.32	715.00	20.14
7/24/2024 11:00	70.54	5.28	715.04	19.72
7/24/2024 12:00	71.54	5.23	714.99	19.67
7/24/2024 13:00	71.26	5.17	714.97	19.25
7/24/2024 14:00	71.82	5.17	715.09	19.11
7/24/2024 15:00	71.54	5.17	715.03	19.90
7/24/2024 16:00	67.16	5.15	714.93	19.90
7/24/2024 17:00	66.18	5.21	715.04	21.57
7/24/2024 18:00	67.56	5.25	715.00	21.73
7/24/2024 19:00	66.46	5.30	714.98	22.11
7/24/2024 20:00	61.77	5.28	715.00	21.04
7/24/2024 21:00	65.84	5.28	715.00	22.58
7/24/2024 22:00	64.08	5.31	714.99	22.59
7/24/2024 23:00	69.24	5.36	715.00	21.40
7/25/2024	68.06	5.40	714.97	22.69
7/25/2024 1:00	68.57	5.35	715.02	23.12
7/25/2024 2:00	67.31	5.35	714.98	19.94
7/25/2024 3:00	66.11	5.38	714.99	19.78
7/25/2024 4:00	60.07	5.38	715.01	19.94
7/25/2024 5:00	58.92	5.38	715.00	19.55
7/25/2024 6:00	63.91	5.43	714.99	19.21
7/25/2024 7:00	63.73	5.42	714.99	19.32
7/25/2024 8:00	63.85	5.40	715.01	18.95
7/25/2024 9:00	63.70	5.40	715.02	19.43
7/25/2024 10:00	870.28	5.42	714.99	20.24
7/25/2024 11:00	68.20	6.14	715.01	22.06
7/25/2024 12:00	68.65	6.14	715.01	23.07
7/25/2024 13:00	71.41	6.12	715.00	22.64
7/25/2024 14:00	71.89	6.10	714.98	22.46
7/25/2024 15:00	70.08	6.06	715.00	22.01
7/25/2024 16:00	69.38	6.11	715.02	21.42
7/25/2024 17:00	65.88	6.06	715.01	21.37
7/25/2024 18:00	67.69	6.16	715.03	21.91
7/25/2024 19:00	63.64	6.21	715.02	21.82
7/25/2024 20:00	56.35	6.21	714.95	21.60
7/25/2024 21:00	58.87	6.24	714.98	21.21
7/25/2024 22:00	64.60	6.25	714.96	22.38
7/25/2024 23:00	67.17	6.25	714.99	22.41
7/26/2024	67.76	6.22	714.97	22.12
7/26/2024 1:00	66.24	6.17	715.01	20.67

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/26/2024 2:00	64.49	6.17	714.99	20.89
7/26/2024 3:00	59.12	6.22	714.96	20.62
7/26/2024 4:00	58.77	6.25	715.00	21.44
7/26/2024 5:00	58.46	6.23	715.01	21.27
7/26/2024 6:00	58.02	6.24	715.00	20.56
7/26/2024 7:00	57.10	6.25	715.02	20.08
7/26/2024 8:00	59.77	6.23	714.93	19.59
7/26/2024 9:00	62.35	6.21	715.08	20.69
7/26/2024 10:00	63.94	6.19	715.07	21.08
7/26/2024 11:00	72.39	6.18	714.99	22.20
7/26/2024 12:00	72.57	6.13	715.02	22.20
7/26/2024 13:00	75.97	6.15	715.01	22.27
7/26/2024 14:00	68.62	6.11	715.05	22.95
7/26/2024 15:00	67.29	6.15	715.05	21.19
7/26/2024 16:00	70.47	6.20	714.97	22.31
7/26/2024 17:00	62.84	6.29	715.05	21.82
7/26/2024 18:00	54.35	6.31	714.96	21.81
7/26/2024 19:00	59.01	6.27	714.99	21.21
7/26/2024 20:00	59.99	6.26	714.96	21.19
7/26/2024 21:00	60.03	6.19	714.92	23.78
7/26/2024 22:00	61.15	6.18	715.01	22.82
7/26/2024 23:00	64.36	6.20	715.01	23.49
7/27/2024	59.62	6.23	715.00	22.09
7/27/2024 1:00	59.87	6.23	715.01	21.32
7/27/2024 2:00	58.49	6.26	714.99	20.39
7/27/2024 3:00	63.60	6.29	715.00	20.39
7/27/2024 4:00	63.26	6.27	714.98	20.37
7/27/2024 5:00	60.47	6.29	715.00	19.99
7/27/2024 6:00	58.11	6.29	715.01	20.25
7/27/2024 7:00	59.96	6.29	714.97	20.59
7/27/2024 8:00	66.05	6.31	715.00	20.39
7/27/2024 9:00	61.19	6.25	715.09	20.58
7/27/2024 10:00	68.12	6.19	715.09	20.85
7/27/2024 11:00	81.95	6.19	714.97	21.62
7/27/2024 12:00	78.43	6.22	715.04	20.43
7/27/2024 13:00	75.34	6.22	714.99	21.31
7/27/2024 14:00	73.86	6.32	715.02	22.06
7/27/2024 15:00	80.48	6.41	715.01	22.24
7/27/2024 16:00	78.26	6.40	715.00	22.63
7/27/2024 17:00	77.17	6.37	714.97	23.51
7/27/2024 18:00	74.12	6.28	715.02	21.77
7/27/2024 19:00	70.61	6.33	715.02	22.11
7/27/2024 20:00	67.31	6.36	714.95	22.33

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/27/2024 21:00	65.83	6.31	715.00	21.13
7/27/2024 22:00	65.14	6.32	714.96	19.95
7/27/2024 23:00	64.67	6.37	714.97	19.43
7/28/2024	65.89	6.42	715.01	19.59
7/28/2024 1:00	65.71	6.45	715.00	20.35
7/28/2024 2:00	66.83	6.45	714.96	19.15
7/28/2024 3:00	65.99	6.48	715.02	19.45
7/28/2024 4:00	65.61	6.49	715.00	19.79
7/28/2024 5:00	65.98	6.50	714.98	19.91
7/28/2024 6:00	64.92	6.53	715.00	19.92
7/28/2024 7:00	64.07	6.55	715.01	19.55
7/28/2024 8:00	64.17	6.52	715.01	20.20
7/28/2024 9:00	63.89	6.41	715.08	19.92
7/28/2024 10:00	69.50	6.36	715.10	20.02
7/28/2024 11:00	82.26	6.31	714.95	22.81
7/28/2024 12:00	82.95	6.32	715.07	23.78
7/28/2024 13:00	81.03	6.29	714.99	21.46
7/28/2024 14:00	79.67	6.26	715.05	21.04
7/28/2024 15:00	79.55	6.28	715.01	21.32
7/28/2024 16:00	82.46	6.24	715.00	21.00
7/28/2024 17:00	83.88	6.22	714.97	21.43
7/28/2024 18:00	75.78	6.23	715.02	21.08
7/28/2024 19:00	73.90	6.23	714.98	21.58
7/28/2024 20:00	68.73	6.27	715.00	20.60
7/28/2024 21:00	67.71	6.30	714.96	20.12
7/28/2024 22:00	66.92	6.29	714.97	21.75
7/28/2024 23:00	65.77	6.35	715.00	22.42
7/29/2024	65.52	6.32	714.98	24.34
7/29/2024 1:00	65.89	6.30	714.99	24.94
7/29/2024 2:00	67.11	6.31	714.98	29.61
7/29/2024 3:00	71.00	6.30	714.98	22.31
7/29/2024 4:00	71.73	6.32	714.98	21.17
7/29/2024 5:00	71.54	6.32	715.01	20.19
7/29/2024 6:00	70.29	6.32	715.01	20.33
7/29/2024 7:00	70.11	6.38	715.02	21.13
7/29/2024 8:00	68.71	6.33	714.98	21.16
7/29/2024 9:00	75.61	6.25	715.04	21.97
7/29/2024 10:00	77.06	6.25	715.02	24.86
7/29/2024 11:00	77.51	6.17	714.99	22.53
7/29/2024 12:00	80.17	6.14	715.01	19.72
7/29/2024 13:00	79.54	6.13	715.01	20.62
7/29/2024 14:00	78.28	6.14	715.01	21.53
7/29/2024 15:00	79.80	6.12	714.99	20.57

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/29/2024 16:00	81.48	6.10	715.03	20.52
7/29/2024 17:00	74.01	6.16	714.92	22.90
7/29/2024 18:00	72.57	6.05	715.01	24.80
7/29/2024 19:00	75.83	6.10	715.09	32.35
7/29/2024 20:00	76.86	6.06	714.95	39.51
7/29/2024 21:00	77.62	6.10	714.99	38.63
7/29/2024 22:00	99.10	6.11	714.94	34.77
7/29/2024 23:00	84.77	5.95	714.91	34.61
7/30/2024	73.78	6.05	715.08	36.80
7/30/2024 1:00	73.42	6.04	715.00	39.35
7/30/2024 2:00	72.74	6.01	715.00	32.04
7/30/2024 3:00	71.85	6.03	714.99	26.95
7/30/2024 4:00	71.69	6.03	714.99	27.51
7/30/2024 5:00	76.63	5.98	715.02	33.48
7/30/2024 6:00	75.22	6.02	714.98	39.32
7/30/2024 7:00	72.99	6.05	715.00	25.59
7/30/2024 8:00	74.54	6.12	714.99	22.83
7/30/2024 9:00	75.90	6.06	715.06	21.56
7/30/2024 10:00	73.81	6.03	714.97	20.95
7/30/2024 11:00	71.73	6.03	715.03	20.23
7/30/2024 12:00	78.63	5.75	714.93	19.80
7/30/2024 13:00	71.32	5.24	714.96	19.60
7/30/2024 14:00	72.46	5.27	715.05	20.13
7/30/2024 15:00	73.46	5.23	714.95	19.80
7/30/2024 16:00	75.28	5.15	715.01	18.88
7/30/2024 17:00	67.58	5.02	714.91	19.14
7/30/2024 18:00	64.39	4.85	715.04	20.15
7/30/2024 19:00	66.90	4.85	714.87	19.68
7/30/2024 20:00	66.40	4.83	715.06	19.78
7/30/2024 21:00	69.94	4.83	715.00	20.45
7/30/2024 22:00	72.79	4.81	715.01	21.26
7/30/2024 23:00	71.13	4.75	714.97	21.09
7/31/2024	72.91	4.69	714.99	20.77
7/31/2024 1:00	77.48	4.72	715.02	20.52
7/31/2024 2:00	77.19	4.73	715.00	20.34
7/31/2024 3:00	77.19	4.70	715.03	20.05
7/31/2024 4:00	77.28	4.62	715.02	20.55
7/31/2024 5:00	77.44	4.67	715.03	20.24
7/31/2024 6:00	77.97	4.71	714.95	20.07
7/31/2024 7:00	77.75	4.78	714.99	20.15
7/31/2024 8:00	74.15	4.89	714.95	19.71
7/31/2024 9:00	72.86	4.88	714.97	19.46
7/31/2024 10:00	74.42	4.91	715.08	19.51

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
7/31/2024 11:00	77.69	4.86	714.99	19.79
7/31/2024 12:00	90.73	4.79	715.26	19.37
7/31/2024 13:00	95.89	4.71	715.06	19.86
7/31/2024 14:00	94.26	4.51	715.04	19.73
7/31/2024 15:00	95.26	4.33	715.12	19.43
7/31/2024 16:00	102.56	4.12	715.06	19.54
7/31/2024 17:00	103.98	4.07	714.94	19.67
7/31/2024 18:00	106.45	3.97	715.09	19.39
7/31/2024 19:00	105.23	3.97	714.95	19.72
7/31/2024 20:00	104.21	3.97	715.01	19.39
7/31/2024 21:00	112.40	3.94	715.03	19.19
7/31/2024 22:00	148.24	3.80	714.90	19.53
7/31/2024 23:00	141.88	3.81	715.04	19.39
8/1/2024	140.04	3.85	715.00	19.38
8/1/2024 1:00	154.41	3.84	714.99	19.97
8/1/2024 2:00	98.57	3.89	714.83	19.03
8/1/2024 3:00	79.92	3.74	715.04	18.28
8/1/2024 4:00	79.26	3.83	715.01	17.91
8/1/2024 5:00	79.17	3.86	715.02	19.00
8/1/2024 6:00	80.74	3.91	715.06	18.71
8/1/2024 7:00	79.04	4.01	714.98	18.80
8/1/2024 8:00	105.40	4.07	714.99	19.06
8/1/2024 9:00	118.66	4.40	714.96	18.37
8/1/2024 10:00	118.87	4.56	714.87	18.39
8/1/2024 11:00	123.05	4.63	715.13	18.38
8/1/2024 12:00	123.86	4.62	715.06	18.10
8/1/2024 13:00	122.91	4.65	715.05	18.48
8/1/2024 14:00	124.26	4.88	715.04	19.48
8/1/2024 15:00	117.37	5.08	715.06	18.78
8/1/2024 16:00	115.32	5.23	714.99	18.41
8/1/2024 17:00	107.98	5.52	715.07	20.04
8/1/2024 18:00	106.87	5.51	715.04	19.81
8/1/2024 19:00	103.45	5.54	714.98	20.02
8/1/2024 20:00	106.36	5.60	714.95	19.68
8/1/2024 21:00	98.63	5.54	714.99	19.53
8/1/2024 22:00	90.92	5.56	715.03	20.55
8/1/2024 23:00	91.29	5.52	714.96	21.28
8/2/2024	99.55	5.54	715.00	21.26
8/2/2024 1:00	98.65	5.48	715.00	20.17
8/2/2024 2:00	95.87	5.51	714.98	21.17
8/2/2024 3:00	98.50	5.52	714.95	20.20
8/2/2024 4:00	88.33	5.52	715.00	18.52
8/2/2024 5:00	84.25	5.55	714.99	18.30

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/2/2024 6:00	88.02	5.58	715.02	18.95
8/2/2024 7:00	88.35	5.62	715.01	19.39
8/2/2024 8:00	89.30	5.63	715.01	18.87
8/2/2024 9:00	91.34	5.66	715.02	19.90
8/2/2024 10:00	95.08	5.64	715.00	21.41
8/2/2024 11:00	102.22	5.53	715.10	21.65
8/2/2024 12:00	103.50	5.31	714.93	21.02
8/2/2024 13:00	99.39	5.44	714.92	21.02
8/2/2024 14:00	93.28	5.54	715.02	20.41
8/2/2024 15:00	98.26	5.47	715.00	19.15
8/2/2024 16:00	102.29	5.40	714.95	20.03
8/2/2024 17:00	108.31	5.44	715.07	20.63
8/2/2024 18:00	109.68	5.31	714.98	19.67
8/2/2024 19:00	95.32	5.31	715.00	19.64
8/2/2024 20:00	97.84	5.28	715.03	20.14
8/2/2024 21:00	94.36	5.24	714.93	20.64
8/2/2024 22:00	95.69	5.30	715.02	20.19
8/2/2024 23:00	96.07	5.37	714.97	20.53
8/3/2024	97.59	5.35	715.03	20.29
8/3/2024 1:00	97.20	5.37	714.98	20.27
8/3/2024 2:00	101.41	5.39	714.99	20.57
8/3/2024 3:00	101.08	5.37	715.00	20.94
8/3/2024 4:00	99.34	5.38	714.98	20.15
8/3/2024 5:00	94.81	5.36	714.98	20.77
8/3/2024 6:00	89.61	5.31	715.03	19.47
8/3/2024 7:00	91.33	5.36	714.96	18.28
8/3/2024 8:00	92.36	5.36	714.98	18.90
8/3/2024 9:00	92.19	5.40	715.04	18.97
8/3/2024 10:00	100.78	5.38	715.00	19.08
8/3/2024 11:00	106.63	5.31	715.07	19.01
8/3/2024 12:00	103.79	5.26	714.97	18.46
8/3/2024 13:00	107.79	5.23	715.08	18.72
8/3/2024 14:00	106.16	5.18	714.98	18.33
8/3/2024 15:00	104.59	5.26	715.04	18.59
8/3/2024 16:00	102.72	5.37	715.01	18.90
8/3/2024 17:00	101.33	5.34	714.98	19.60
8/3/2024 18:00	94.22	5.41	714.98	19.56
8/3/2024 19:00	87.75	5.43	715.03	19.79
8/3/2024 20:00	84.86	5.33	714.91	20.78
8/3/2024 21:00	79.19	5.37	714.97	20.25
8/3/2024 22:00	74.89	5.32	714.97	20.03
8/3/2024 23:00	78.15	5.29	714.98	19.61
8/4/2024	76.91	5.30	714.97	19.19

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/4/2024 1:00	83.07	5.36	715.05	19.32
8/4/2024 2:00	79.86	5.40	714.93	18.83
8/4/2024 3:00	77.19	5.50	715.00	19.30
8/4/2024 4:00	76.84	5.51	715.02	19.50
8/4/2024 5:00	73.71	5.49	715.02	19.94
8/4/2024 6:00	75.70	5.45	715.00	19.01
8/4/2024 7:00	79.37	5.45	715.01	19.07
8/4/2024 8:00	78.43	5.46	714.98	19.35
8/4/2024 9:00	89.04	5.52	714.98	19.38
8/4/2024 10:00	91.59	5.50	715.07	18.98
8/4/2024 11:00	92.16	5.48	714.99	19.01
8/4/2024 12:00	93.49	5.54	714.99	18.94
8/4/2024 13:00	97.33	5.47	714.98	19.28
8/4/2024 14:00	97.90	5.45	715.01	19.16
8/4/2024 15:00	90.60	5.47	715.02	18.57
8/4/2024 16:00	89.03	5.47	715.00	19.92
8/4/2024 17:00	92.46	5.44	715.01	19.54
8/4/2024 18:00	90.35	5.48	715.02	19.91
8/4/2024 19:00	90.30	5.52	715.01	19.38
8/4/2024 20:00	88.15	5.41	715.00	19.20
8/4/2024 21:00	84.22	5.49	714.99	19.51
8/4/2024 22:00	76.54	5.54	714.97	19.90
8/4/2024 23:00	72.93	5.50	714.97	19.84
8/5/2024	76.96	5.47	715.00	19.08
8/5/2024 1:00	77.73	5.48	715.02	20.80
8/5/2024 2:00	76.83	5.50	714.96	20.04
8/5/2024 3:00	77.64	5.56	714.97	19.52
8/5/2024 4:00	78.17	5.60	714.99	18.31
8/5/2024 5:00	84.61	5.60	714.99	18.78
8/5/2024 6:00	85.22	5.62	715.01	17.96
8/5/2024 7:00	72.39	5.61	715.03	18.14
8/5/2024 8:00	69.07	5.83	715.01	20.07
8/5/2024 9:00	70.06	5.85	714.99	19.32
8/5/2024 10:00	71.86	5.66	715.05	19.14
8/5/2024 11:00	71.73	5.68	715.02	19.12
8/5/2024 12:00	71.54	5.50	714.98	19.20
8/5/2024 13:00	75.08	5.48	715.00	19.03
8/5/2024 14:00	74.35	5.69	714.92	19.44
8/5/2024 15:00	73.42	5.47	715.12	20.78
8/5/2024 16:00	70.26	5.57	715.03	20.63
8/5/2024 17:00	73.01	5.67	714.92	20.63
8/5/2024 18:00	71.20	5.53	715.03	21.28
8/5/2024 19:00	69.00	5.53	715.00	19.91

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/5/2024 20:00	66.72	5.51	715.01	20.50
8/5/2024 21:00	68.46	5.60	714.97	20.53
8/5/2024 22:00	65.23	5.54	714.96	20.24
8/5/2024 23:00	66.02	5.59	715.03	21.05
8/6/2024	65.89	5.58	714.99	20.36
8/6/2024 1:00	65.89	5.60	714.99	20.55
8/6/2024 2:00	65.89	5.63	715.00	20.54
8/6/2024 3:00	66.46	5.59	714.98	20.17
8/6/2024 4:00	64.27	5.48	715.00	20.46
8/6/2024 5:00	65.61	5.48	715.00	20.45
8/6/2024 6:00	65.89	5.57	714.97	20.50
8/6/2024 7:00	65.42	5.62	714.97	21.48
8/6/2024 8:00	61.53	5.61	714.98	22.07
8/6/2024 9:00	65.23	5.66	715.00	21.59
8/6/2024 10:00	60.53	5.55	715.00	21.32
8/6/2024 11:00	58.39	5.58	714.99	21.23
8/6/2024 12:00	59.40	5.57	715.02	19.87
8/6/2024 13:00	59.59	5.59	714.97	20.16
8/6/2024 14:00	60.39	5.55	714.99	20.55
8/6/2024 15:00	64.06	5.54	714.95	20.94
8/6/2024 16:00	65.06	5.50	715.06	21.22
8/6/2024 17:00	64.61	5.42	715.03	22.42
8/6/2024 18:00	63.73	5.37	714.98	22.91
8/6/2024 19:00	64.26	5.41	714.98	22.98
8/6/2024 20:00	64.58	5.47	715.03	22.61
8/6/2024 21:00	67.30	5.49	714.99	22.86
8/6/2024 22:00	64.58	5.52	714.98	23.44
8/6/2024 23:00	66.43	5.54	715.00	23.09
8/7/2024	64.01	5.62	714.98	22.83
8/7/2024 1:00	64.01	5.59	715.03	23.24
8/7/2024 2:00	64.17	5.53	714.99	22.46
8/7/2024 3:00	64.01	5.56	715.00	22.83
8/7/2024 4:00	64.01	5.56	715.00	23.21
8/7/2024 5:00	63.92	5.47	714.99	23.67
8/7/2024 6:00	64.01	5.42	715.00	23.02
8/7/2024 7:00	64.07	5.44	715.00	23.39
8/7/2024 8:00	63.94	5.42	715.03	22.82
8/7/2024 9:00	65.58	5.35	715.00	22.96
8/7/2024 10:00	66.87	5.27	715.05	23.63
8/7/2024 11:00	62.77	5.24	714.99	23.53
8/7/2024 12:00	63.76	5.25	715.02	23.69
8/7/2024 13:00	65.61	5.24	715.04	24.51
8/7/2024 14:00	62.85	5.21	714.98	24.12

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/7/2024 15:00	59.75	5.15	715.03	22.89
8/7/2024 16:00	60.06	5.11	714.99	21.72
8/7/2024 17:00	60.24	5.16	715.04	21.60
8/7/2024 18:00	59.19	5.17	715.00	21.34
8/7/2024 19:00	58.41	5.15	714.98	21.32
8/7/2024 20:00	59.71	5.25	714.94	21.13
8/7/2024 21:00	60.21	5.30	715.03	21.04
8/7/2024 22:00	60.25	5.34	714.94	21.65
8/7/2024 23:00	60.71	5.40	715.00	22.64
8/8/2024	58.36	5.56	714.96	21.93
8/8/2024 1:00	57.70	5.60	714.99	22.85
8/8/2024 2:00	58.36	5.63	715.01	22.80
8/8/2024 3:00	58.36	5.63	714.97	21.88
8/8/2024 4:00	54.50	5.59	715.03	21.30
8/8/2024 5:00	54.86	5.57	715.00	22.54
8/8/2024 6:00	54.43	5.59	715.00	21.48
8/8/2024 7:00	57.56	5.53	715.04	21.42
8/8/2024 8:00	57.50	5.55	715.00	20.82
8/8/2024 9:00	59.25	5.50	715.02	21.07
8/8/2024 10:00	689.66	5.10	715.01	20.93
8/8/2024 11:00	52.15	5.36	715.01	21.24
8/8/2024 12:00	51.11	5.34	715.00	20.41
8/8/2024 13:00	51.02	5.35	715.01	20.39
8/8/2024 14:00	52.43	5.33	715.02	21.33
8/8/2024 15:00	53.41	5.23	715.05	19.87
8/8/2024 16:00	54.35	5.27	714.98	20.14
8/8/2024 17:00	54.41	5.20	715.00	20.62
8/8/2024 18:00	54.60	5.18	715.01	20.57
8/8/2024 19:00	54.60	5.29	715.01	19.96
8/8/2024 20:00	54.60	5.37	715.02	21.78
8/8/2024 21:00	54.13	5.40	715.00	21.07
8/8/2024 22:00	54.35	5.41	714.99	21.43
8/8/2024 23:00	53.47	5.46	715.00	21.40
8/9/2024	51.66	5.49	714.96	20.75
8/9/2024 1:00	48.29	5.49	715.04	19.26
8/9/2024 2:00	41.42	5.48	714.98	18.83
8/9/2024 3:00	41.89	5.48	715.01	18.85
8/9/2024 4:00	42.52	5.49	715.01	18.19
8/9/2024 5:00	45.11	5.47	714.97	17.80
8/9/2024 6:00	46.22	5.53	715.00	18.07
8/9/2024 7:00	42.25	5.49	715.00	18.17
8/9/2024 8:00	41.53	5.48	714.99	17.98
8/9/2024 9:00	46.85	5.44	715.00	18.00

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/9/2024 10:00	46.34	5.41	715.03	18.59
8/9/2024 11:00	48.67	5.33	714.88	18.97
8/9/2024 12:00	47.07	5.43	715.13	19.05
8/9/2024 13:00	48.45	5.38	715.05	19.01
8/9/2024 14:00	47.07	5.41	714.98	18.37
8/9/2024 15:00	47.98	5.48	715.03	18.08
8/9/2024 16:00	48.35	5.62	714.94	18.38
8/9/2024 17:00	48.95	5.60	714.96	19.35
8/9/2024 18:00	48.95	5.57	714.98	19.75
8/9/2024 19:00	48.95	5.51	714.96	19.01
8/9/2024 20:00	47.82	5.60	714.97	18.39
8/9/2024 21:00	47.57	5.62	714.96	18.81
8/9/2024 22:00	46.93	5.67	715.02	18.70
8/9/2024 23:00	43.34	5.64	715.02	18.43
8/10/2024	45.39	5.66	714.96	17.99
8/10/2024 1:00	47.07	5.75	714.92	18.28
8/10/2024 2:00	47.07	5.81	715.01	18.69
8/10/2024 3:00	44.02	5.82	714.97	17.96
8/10/2024 4:00	44.41	5.81	715.03	19.11
8/10/2024 5:00	43.80	5.79	714.96	18.71
8/10/2024 6:00	44.31	5.82	715.00	18.40
8/10/2024 7:00	45.40	5.81	714.97	18.95
8/10/2024 8:00	44.90	5.82	715.00	18.09
8/10/2024 9:00	47.00	5.79	715.05	18.22
8/10/2024 10:00	48.27	5.74	715.02	18.16
8/10/2024 11:00	48.20	5.71	715.03	18.29
8/10/2024 12:00	47.07	5.58	715.05	17.59
8/10/2024 13:00	46.03	5.60	715.02	18.32
8/10/2024 14:00	46.86	5.71	715.03	19.03
8/10/2024 15:00	44.45	5.61	714.92	18.67
8/10/2024 16:00	46.22	5.54	715.01	18.43
8/10/2024 17:00	46.41	5.52	714.93	18.35
8/10/2024 18:00	46.91	5.63	715.16	18.16
8/10/2024 19:00	46.32	5.77	714.88	18.82
8/10/2024 20:00	46.02	5.81	715.04	18.17
8/10/2024 21:00	42.92	5.80	715.05	19.23
8/10/2024 22:00	44.03	5.96	714.93	18.61
8/10/2024 23:00	41.42	6.11	715.01	19.49
8/11/2024	41.42	6.10	714.98	18.80
8/11/2024 1:00	43.51	6.11	715.01	18.95
8/11/2024 2:00	43.87	6.12	715.00	19.24
8/11/2024 3:00	45.89	6.13	715.04	18.70
8/11/2024 4:00	43.20	6.12	714.97	17.94

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/11/2024 5:00	45.22	6.19	714.99	18.67
8/11/2024 6:00	44.69	6.19	714.99	19.51
8/11/2024 7:00	41.92	6.18	714.98	18.59
8/11/2024 8:00	43.81	6.20	715.08	18.59
8/11/2024 9:00	44.55	6.14	715.03	18.45
8/11/2024 10:00	46.69	6.12	714.99	18.83
8/11/2024 11:00	45.94	6.09	715.05	19.68
8/11/2024 12:00	44.84	5.98	714.99	18.30
8/11/2024 13:00	44.60	6.01	714.99	18.10
8/11/2024 14:00	47.58	5.98	715.03	18.17
8/11/2024 15:00	48.08	5.98	714.99	19.26
8/11/2024 16:00	48.38	6.02	714.95	19.50
8/11/2024 17:00	42.53	6.06	714.97	18.95
8/11/2024 18:00	43.89	6.04	715.02	19.25
8/11/2024 19:00	41.10	6.03	715.03	19.58
8/11/2024 20:00	38.99	6.03	715.02	19.95
8/11/2024 21:00	44.92	6.07	714.96	20.04
8/11/2024 22:00	51.14	6.15	714.94	19.19
8/11/2024 23:00	52.71	6.12	715.03	18.79
8/12/2024	50.31	6.17	715.04	19.49
8/12/2024 1:00	47.16	6.12	715.00	18.15
8/12/2024 2:00	47.07	6.13	715.00	18.12
8/12/2024 3:00	47.07	6.22	714.95	17.89
8/12/2024 4:00	47.91	6.23	715.02	18.24
8/12/2024 5:00	47.07	6.25	715.02	18.44
8/12/2024 6:00	47.07	6.22	714.96	18.01
8/12/2024 7:00	46.62	6.34	714.97	18.45
8/12/2024 8:00	43.33	6.24	715.04	18.88
8/12/2024 9:00	47.60	6.22	714.99	18.46
8/12/2024 10:00	49.07	6.21	715.04	18.71
8/12/2024 11:00	56.05	6.13	715.01	18.40
8/12/2024 12:00	65.80	6.10	715.04	18.95
8/12/2024 13:00	73.30	6.08	715.01	18.96
8/12/2024 14:00	70.66	6.07	715.02	19.03
8/12/2024 15:00	75.14	6.08	715.03	19.04
8/12/2024 16:00	70.59	6.04	714.96	19.24
8/12/2024 17:00	69.13	6.07	715.02	20.63
8/12/2024 18:00	65.27	6.07	714.98	21.83
8/12/2024 19:00	62.95	6.09	715.00	20.49
8/12/2024 20:00	58.74	6.15	714.98	21.27
8/12/2024 21:00	59.02	6.15	714.96	21.64
8/12/2024 22:00	59.93	6.22	714.97	20.43
8/12/2024 23:00	59.43	6.24	714.97	21.00

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/13/2024	58.89	6.26	715.00	20.08
8/13/2024 1:00	58.36	6.27	714.98	19.85
8/13/2024 2:00	58.36	6.29	714.97	19.44
8/13/2024 3:00	58.36	6.32	715.01	19.45
8/13/2024 4:00	58.36	6.28	715.01	18.97
8/13/2024 5:00	58.36	6.29	714.96	19.01
8/13/2024 6:00	58.36	6.38	715.01	20.28
8/13/2024 7:00	58.33	6.33	715.00	20.06
8/13/2024 8:00	60.33	6.26	715.03	19.72
8/13/2024 9:00	59.90	6.26	715.03	20.70
8/13/2024 10:00	84.86	6.19	715.02	21.61
8/13/2024 11:00	93.36	6.20	715.00	21.47
8/13/2024 12:00	93.13	6.25	715.02	20.58
8/13/2024 13:00	90.31	6.19	715.00	21.81
8/13/2024 14:00	92.04	6.17	715.02	20.61
8/13/2024 15:00	91.10	6.19	714.99	21.09
8/13/2024 16:00	84.93	6.16	715.03	21.60
8/13/2024 17:00	88.31	6.10	715.02	21.83
8/13/2024 18:00	81.33	6.04	714.98	21.48
8/13/2024 19:00	80.41	6.18	714.96	21.71
8/13/2024 20:00	73.78	6.29	714.98	20.90
8/13/2024 21:00	67.94	6.29	714.94	22.07
8/13/2024 22:00	65.20	6.34	715.02	22.01
8/13/2024 23:00	70.09	6.35	715.01	22.71
8/14/2024	69.36	6.32	715.00	22.26
8/14/2024 1:00	68.18	6.37	714.99	22.64
8/14/2024 2:00	71.26	6.35	715.00	22.78
8/14/2024 3:00	71.64	6.37	714.99	22.48
8/14/2024 4:00	69.85	6.32	714.98	21.21
8/14/2024 5:00	68.49	6.44	715.01	21.65
8/14/2024 6:00	68.85	6.41	715.00	20.91
8/14/2024 7:00	67.08	6.36	715.01	20.90
8/14/2024 8:00	73.81	6.36	715.00	21.14
8/14/2024 9:00	84.02	6.39	715.02	21.45
8/14/2024 10:00	88.80	6.43	715.05	21.55
8/14/2024 11:00	92.97	6.38	715.02	21.72
8/14/2024 12:00	93.03	6.36	715.01	22.49
8/14/2024 13:00	91.73	6.31	714.99	22.26
8/14/2024 14:00	92.56	6.32	715.02	23.26
8/14/2024 15:00	91.66	6.31	715.05	21.66
8/14/2024 16:00	88.18	6.38	715.02	21.40
8/14/2024 17:00	83.76	6.36	714.98	23.17
8/14/2024 18:00	79.99	6.38	714.98	23.16

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/14/2024 19:00	73.50	6.41	714.96	21.72
8/14/2024 20:00	71.76	6.47	714.96	23.92
8/14/2024 21:00	62.61	6.47	714.97	22.59
8/14/2024 22:00	60.25	6.53	715.02	22.95
8/14/2024 23:00	60.25	6.55	714.97	22.68
8/15/2024	60.25	6.50	715.01	22.20
8/15/2024 1:00	61.46	6.54	715.02	21.06
8/15/2024 2:00	69.19	6.57	714.98	20.61
8/15/2024 3:00	65.99	6.63	715.01	21.57
8/15/2024 4:00	63.14	6.68	715.01	20.65
8/15/2024 5:00	61.90	6.68	714.98	20.17
8/15/2024 6:00	62.53	6.66	714.98	20.20
8/15/2024 7:00	58.89	6.69	715.05	19.92
8/15/2024 8:00	67.34	6.70	714.97	20.17
8/15/2024 9:00	395.87	6.10	715.02	21.28
8/15/2024 10:00	110.78	6.04	715.00	21.13
8/15/2024 11:00	118.56	5.96	715.07	21.10
8/15/2024 12:00	112.54	5.97	714.99	22.58
8/15/2024 13:00	108.95	5.93	715.09	26.73
8/15/2024 14:00	107.50	5.95	714.93	26.74
8/15/2024 15:00	107.16	5.91	715.01	26.95
8/15/2024 16:00	116.48	5.94	715.05	27.59
8/15/2024 17:00	110.98	5.90	714.97	24.30
8/15/2024 18:00	108.86	5.89	714.97	24.86
8/15/2024 19:00	103.83	5.93	715.05	26.11
8/15/2024 20:00	100.55	5.93	714.98	26.53
8/15/2024 21:00	96.87	5.93	714.98	25.53
8/15/2024 22:00	94.35	5.95	715.01	27.20
8/15/2024 23:00	95.17	5.97	714.95	24.51
8/16/2024	97.74	5.95	715.03	22.94
8/16/2024 1:00	97.56	5.97	715.01	27.75
8/16/2024 2:00	97.71	5.94	714.98	27.44
8/16/2024 3:00	97.60	5.95	715.00	22.43
8/16/2024 4:00	97.07	5.86	715.04	22.31
8/16/2024 5:00	95.88	5.90	714.93	24.20
8/16/2024 6:00	97.28	5.99	714.99	22.95
8/16/2024 7:00	93.40	6.00	715.05	20.86
8/16/2024 8:00	87.84	5.91	714.98	22.23
8/16/2024 9:00	85.70	5.92	715.04	25.05
8/16/2024 10:00	90.05	5.81	714.99	24.22
8/16/2024 11:00	104.44	5.85	715.07	26.60
8/16/2024 12:00	115.26	5.88	714.92	28.66
8/16/2024 13:00	101.83	5.77	715.03	29.39

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/16/2024 14:00	99.96	5.66	714.88	29.20
8/16/2024 15:00	78.46	5.12	714.85	23.03
8/16/2024 16:00	90.36	4.92	715.01	21.04
8/16/2024 17:00	94.97	4.99	715.14	19.70
8/16/2024 18:00	99.98	4.98	714.93	20.03
8/16/2024 19:00	95.61	4.76	715.02	18.98
8/16/2024 20:00	95.99	4.55	714.94	19.54
8/16/2024 21:00	88.05	4.04	714.94	19.81
8/16/2024 22:00	88.81	3.93	714.99	19.02
8/16/2024 23:00	94.67	3.94	715.01	19.59
8/17/2024	89.95	3.98	714.93	19.60
8/17/2024 1:00	89.62	3.96	715.04	19.72
8/17/2024 2:00	91.69	3.98	714.97	18.91
8/17/2024 3:00	87.92	4.02	715.00	19.82
8/17/2024 4:00	90.45	3.99	714.99	20.05
8/17/2024 5:00	89.78	3.98	715.03	20.43
8/17/2024 6:00	88.67	3.99	715.01	19.34
8/17/2024 7:00	84.97	4.02	714.94	18.74
8/17/2024 8:00	88.28	4.34	715.01	18.00
8/17/2024 9:00	92.01	4.37	715.01	18.07
8/17/2024 10:00	98.04	4.35	715.02	17.91
8/17/2024 11:00	94.12	4.37	715.00	17.96
8/17/2024 12:00	98.84	4.40	715.05	17.55
8/17/2024 13:00	99.81	4.42	715.01	17.74
8/17/2024 14:00	97.73	4.43	715.02	17.90
8/17/2024 15:00	94.61	4.43	715.04	17.61
8/17/2024 16:00	96.49	4.36	714.94	17.85
8/17/2024 17:00	71.67	4.44	714.93	18.08
8/17/2024 18:00	88.31	4.18	715.04	19.18
8/17/2024 19:00	86.46	4.43	715.04	18.58
8/17/2024 20:00	83.28	4.44	714.94	18.43
8/17/2024 21:00	80.64	4.40	715.06	18.06
8/17/2024 22:00	80.64	4.40	714.93	18.83
8/17/2024 23:00	83.46	4.37	715.02	18.25
8/18/2024	82.84	4.44	714.99	17.95
8/18/2024 1:00	77.01	4.36	714.99	17.90
8/18/2024 2:00	80.22	4.43	715.04	18.16
8/18/2024 3:00	81.37	4.40	714.92	18.23
8/18/2024 4:00	78.92	4.41	715.04	18.16
8/18/2024 5:00	78.53	4.39	714.98	18.29
8/18/2024 6:00	79.49	4.36	715.01	17.86
8/18/2024 7:00	78.94	4.24	715.09	18.18
8/18/2024 8:00	78.61	4.23	715.00	18.32

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/18/2024 9:00	79.22	4.19	715.02	18.41
8/18/2024 10:00	86.87	4.23	715.02	18.15
8/18/2024 11:00	93.53	4.12	715.05	18.37
8/18/2024 12:00	91.08	4.03	714.99	18.79
8/18/2024 13:00	68.50	4.13	715.02	19.21
8/18/2024 14:00	65.52	4.22	715.02	19.38
8/18/2024 15:00	62.04	4.36	714.94	19.01
8/18/2024 16:00	60.41	4.17	714.98	19.77
8/18/2024 17:00	60.36	4.16	715.03	20.47
8/18/2024 18:00	61.48	4.09	715.03	20.50
8/18/2024 19:00	64.78	4.12	714.94	19.75
8/18/2024 20:00	63.89	4.15	715.03	19.37
8/18/2024 21:00	65.80	4.14	714.97	19.49
8/18/2024 22:00	65.67	4.17	714.97	19.11
8/18/2024 23:00	64.23	4.12	714.97	19.87
8/19/2024	60.87	4.15	714.99	20.86
8/19/2024 1:00	59.68	4.16	715.01	19.69
8/19/2024 2:00	60.19	4.13	715.03	20.21
8/19/2024 3:00	59.24	4.15	714.99	20.12
8/19/2024 4:00	58.90	4.12	715.00	19.30
8/19/2024 5:00	58.74	4.13	714.98	18.74
8/19/2024 6:00	61.09	4.16	714.98	18.69
8/19/2024 7:00	58.83	4.20	714.97	19.23
8/19/2024 8:00	59.48	4.14	714.98	20.16
8/19/2024 9:00	59.44	4.16	715.00	20.12
8/19/2024 10:00	58.74	4.10	715.03	19.83
8/19/2024 11:00	58.17	4.11	715.02	19.98
8/19/2024 12:00	58.90	4.09	715.00	19.62
8/19/2024 13:00	59.12	4.01	715.04	20.43
8/19/2024 14:00	58.36	4.01	714.99	20.34
8/19/2024 15:00	58.27	4.05	714.93	20.81
8/19/2024 16:00	58.36	4.02	715.04	20.49
8/19/2024 17:00	57.31	3.98	714.96	19.81
8/19/2024 18:00	54.90	4.10	715.19	19.90
8/19/2024 19:00	57.54	4.14	715.00	19.71
8/19/2024 20:00	58.65	4.18	714.97	19.68
8/19/2024 21:00	56.86	4.19	715.01	19.39
8/19/2024 22:00	54.68	4.27	714.97	19.52
8/19/2024 23:00	53.48	4.26	714.99	19.02
8/20/2024	54.72	4.31	715.01	18.91
8/20/2024 1:00	56.61	4.25	714.96	20.05
8/20/2024 2:00	56.61	4.35	714.95	20.69
8/20/2024 3:00	56.67	4.39	715.07	20.05

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/20/2024 4:00	59.77	4.35	715.02	20.28
8/20/2024 5:00	56.77	4.43	715.00	19.96
8/20/2024 6:00	56.66	4.47	714.93	19.75
8/20/2024 7:00	56.60	4.49	715.02	20.07
8/20/2024 8:00	55.26	4.50	714.97	19.44
8/20/2024 9:00	57.45	4.38	715.05	18.96
8/20/2024 10:00	57.46	4.34	715.00	18.63
8/20/2024 11:00	56.63	4.21	715.01	19.83
8/20/2024 12:00	56.89	4.23	714.98	21.19
8/20/2024 13:00	56.70	4.19	714.99	20.65
8/20/2024 14:00	57.18	4.24	715.05	20.23
8/20/2024 15:00	57.61	4.17	715.06	20.54
8/20/2024 16:00	57.89	4.17	714.97	20.44
8/20/2024 17:00	54.81	4.15	714.98	20.88
8/20/2024 18:00	58.31	4.18	715.02	20.50
8/20/2024 19:00	58.55	4.21	714.98	20.63
8/20/2024 20:00	58.55	4.19	714.96	20.89
8/20/2024 21:00	58.33	4.18	714.99	20.96
8/20/2024 22:00	58.17	4.21	714.96	19.65
8/20/2024 23:00	56.90	4.25	715.00	18.54
8/21/2024	53.21	4.25	715.01	18.55
8/21/2024 1:00	56.31	4.27	714.98	18.55
8/21/2024 2:00	58.14	4.27	714.97	18.36
8/21/2024 3:00	57.68	4.26	714.99	18.61
8/21/2024 4:00	57.70	4.23	715.01	19.10
8/21/2024 5:00	57.77	4.27	714.99	18.61
8/21/2024 6:00	58.14	4.29	714.98	18.75
8/21/2024 7:00	57.74	4.25	715.02	18.74
8/21/2024 8:00	61.78	4.24	715.00	18.78
8/21/2024 9:00	60.27	4.25	715.02	18.45
8/21/2024 10:00	64.42	4.21	715.00	18.33
8/21/2024 11:00	64.03	4.13	715.12	18.64
8/21/2024 12:00	64.30	4.07	714.97	18.88
8/21/2024 13:00	64.45	4.03	715.00	20.10
8/21/2024 14:00	63.73	4.05	714.99	20.31
8/21/2024 15:00	62.00	4.08	715.02	20.73
8/21/2024 16:00	64.39	4.08	714.97	21.30
8/21/2024 17:00	63.11	4.05	715.00	21.24
8/21/2024 18:00	62.43	4.04	715.00	21.14
8/21/2024 19:00	65.12	4.06	714.98	21.05
8/21/2024 20:00	64.76	4.11	714.96	21.18
8/21/2024 21:00	60.69	4.14	715.01	20.78
8/21/2024 22:00	63.40	4.13	714.99	19.92

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/21/2024 23:00	63.82	4.16	715.01	19.47
8/22/2024	60.80	4.20	714.98	18.80
8/22/2024 1:00	60.70	4.21	714.99	18.74
8/22/2024 2:00	58.74	4.29	714.96	18.56
8/22/2024 3:00	63.60	4.30	714.99	19.26
8/22/2024 4:00	63.85	4.26	715.03	18.86
8/22/2024 5:00	64.01	4.19	715.02	19.05
8/22/2024 6:00	64.01	4.15	715.01	19.04
8/22/2024 7:00	62.38	4.21	714.95	18.54
8/22/2024 8:00	63.07	4.17	715.00	19.32
8/22/2024 9:00	62.88	4.13	715.04	18.71
8/22/2024 10:00	64.48	4.16	714.96	18.75
8/22/2024 11:00	109.00	3.29	715.02	18.63
8/22/2024 12:00	2742.00	4.34	715.05	18.62
8/22/2024 13:00	70.64	3.73	714.98	18.45
8/22/2024 14:00	65.56	3.72	714.98	18.37
8/22/2024 15:00	66.08	3.69	715.10	18.42
8/22/2024 16:00	59.09	3.70	714.92	18.78
8/22/2024 17:00	59.22	3.69	715.01	18.52
8/22/2024 18:00	59.90	3.69	715.03	18.44
8/22/2024 19:00	60.15	3.74	715.03	18.63
8/22/2024 20:00	60.56	3.81	714.93	18.18
8/22/2024 21:00	59.80	3.81	715.02	17.98
8/22/2024 22:00	58.58	3.85	714.99	18.10
8/22/2024 23:00	70.35	3.83	714.97	18.24
8/23/2024	58.87	3.82	714.98	18.19
8/23/2024 1:00	58.36	3.81	715.03	18.38
8/23/2024 2:00	58.48	3.81	714.99	17.90
8/23/2024 3:00	58.63	3.78	715.00	18.25
8/23/2024 4:00	58.08	3.76	715.00	18.36
8/23/2024 5:00	57.88	3.80	714.98	18.39
8/23/2024 6:00	57.74	3.81	715.02	18.09
8/23/2024 7:00	58.38	3.79	714.96	17.98
8/23/2024 8:00	59.00	3.81	715.01	18.14
8/23/2024 9:00	57.76	3.80	714.99	17.96
8/23/2024 10:00	59.93	3.83	715.04	18.16
8/23/2024 11:00	64.20	3.74	715.03	17.68
8/23/2024 12:00	64.01	3.70	715.00	18.03
8/23/2024 13:00	60.79	3.69	715.08	18.16
8/23/2024 14:00	61.18	3.74	714.96	17.91
8/23/2024 15:00	63.76	3.67	715.04	18.28
8/23/2024 16:00	64.39	3.68	714.97	18.77
8/23/2024 17:00	61.92	3.71	714.99	18.24

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/23/2024 18:00	60.90	3.73	715.00	18.41
8/23/2024 19:00	61.12	3.70	715.00	17.91
8/23/2024 20:00	60.25	3.82	714.84	18.58
8/23/2024 21:00	60.37	4.10	715.02	18.01
8/23/2024 22:00	59.46	4.15	714.98	18.32
8/23/2024 23:00	59.86	4.17	715.00	18.45
8/24/2024	58.77	4.19	715.01	18.34
8/24/2024 1:00	58.30	4.23	715.00	18.30
8/24/2024 2:00	58.36	4.21	715.00	18.35
8/24/2024 3:00	56.86	4.22	715.01	18.34
8/24/2024 4:00	58.36	4.24	714.98	18.61
8/24/2024 5:00	58.36	4.24	715.02	17.82
8/24/2024 6:00	57.82	4.22	714.97	18.63
8/24/2024 7:00	58.47	4.23	714.99	18.31
8/24/2024 8:00	57.80	4.22	715.01	18.52
8/24/2024 9:00	60.77	4.21	714.99	18.09
8/24/2024 10:00	64.23	4.15	715.02	18.18
8/24/2024 11:00	64.01	4.11	715.05	17.87
8/24/2024 12:00	76.70	4.12	715.03	17.81
8/24/2024 13:00	76.25	4.12	715.01	18.58
8/24/2024 14:00	74.06	4.09	715.02	18.23
8/24/2024 15:00	74.07	4.12	715.07	18.71
8/24/2024 16:00	74.12	4.14	714.96	18.74
8/24/2024 17:00	71.29	4.17	715.00	17.75
8/24/2024 18:00	69.66	4.15	715.02	18.19
8/24/2024 19:00	68.27	4.16	714.99	18.83
8/24/2024 20:00	59.81	4.18	715.02	18.49
8/24/2024 21:00	59.40	4.25	715.01	18.68
8/24/2024 22:00	59.15	4.27	715.00	18.22
8/24/2024 23:00	60.34	4.29	714.99	18.46
8/25/2024	60.72	4.30	714.99	18.38
8/25/2024 1:00	60.21	4.32	715.00	18.41
8/25/2024 2:00	59.02	4.32	715.00	18.29
8/25/2024 3:00	58.36	4.33	715.00	18.16
8/25/2024 4:00	61.63	4.31	715.02	18.25
8/25/2024 5:00	61.91	4.29	714.99	18.64
8/25/2024 6:00	59.34	4.31	715.00	18.18
8/25/2024 7:00	58.36	4.32	714.99	18.35
8/25/2024 8:00	58.55	4.32	715.01	18.67
8/25/2024 9:00	59.17	4.28	715.01	18.68
8/25/2024 10:00	65.21	4.27	715.05	19.00
8/25/2024 11:00	67.50	4.37	714.98	20.07
8/25/2024 12:00	77.57	4.43	714.99	18.89

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/25/2024 13:00	79.64	4.39	715.02	20.83
8/25/2024 14:00	83.29	4.39	715.01	20.41
8/25/2024 15:00	80.52	4.31	714.99	19.78
8/25/2024 16:00	290.73	4.47	715.02	20.25
8/25/2024 17:00	360.17	4.62	714.99	22.26
8/25/2024 18:00	357.93	4.52	714.91	23.47
8/25/2024 19:00	339.82	4.57	714.91	25.25
8/25/2024 20:00	270.32	4.95	715.01	27.75
8/25/2024 21:00	214.07	5.05	714.92	25.26
8/25/2024 22:00	191.73	5.06	715.00	26.23
8/25/2024 23:00	170.31	5.21	714.97	38.13
8/26/2024	156.82	5.27	714.96	39.98
8/26/2024 1:00	146.38	5.31	715.04	39.98
8/26/2024 2:00	143.47	5.34	715.00	39.98
8/26/2024 3:00	139.41	5.38	714.99	29.35
8/26/2024 4:00	136.69	5.33	714.94	21.76
8/26/2024 5:00	131.16	5.27	715.00	20.28
8/26/2024 6:00	131.03	5.28	715.02	19.51
8/26/2024 7:00	130.10	5.28	714.99	20.92
8/26/2024 8:00	126.05	5.32	715.04	21.45
8/26/2024 9:00	123.95	5.30	715.05	20.12
8/26/2024 10:00	117.62	5.35	715.03	21.48
8/26/2024 11:00	129.78	5.23	715.03	21.88
8/26/2024 12:00	134.30	5.24	715.00	21.95
8/26/2024 13:00	131.70	5.18	714.99	22.45
8/26/2024 14:00	130.40	5.13	714.99	22.15
8/26/2024 15:00	110.40	5.44	714.99	21.75
8/26/2024 16:00	102.00	5.38	714.98	22.04
8/26/2024 17:00	95.08	5.34	715.02	21.91
8/26/2024 18:00	84.75	5.42	714.99	21.11
8/26/2024 19:00	79.77	5.46	715.00	21.63
8/26/2024 20:00	74.12	5.44	714.95	21.64
8/26/2024 21:00	68.12	5.47	714.95	22.47
8/26/2024 22:00	68.15	5.41	714.96	24.60
8/26/2024 23:00	67.78	5.30	714.96	34.99
8/27/2024	67.96	5.23	714.99	39.99
8/27/2024 1:00	67.78	5.33	715.03	39.99
8/27/2024 2:00	68.34	5.38	714.99	39.36
8/27/2024 3:00	67.78	5.38	714.99	22.82
8/27/2024 4:00	68.34	5.38	715.00	21.91
8/27/2024 5:00	68.91	5.35	714.98	21.81
8/27/2024 6:00	68.99	5.38	715.01	21.07
8/27/2024 7:00	67.06	5.38	715.03	20.51

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/27/2024 8:00	66.49	5.31	714.98	19.57
8/27/2024 9:00	66.17	5.28	714.98	19.32
8/27/2024 10:00	66.05	5.32	715.03	20.67
8/27/2024 11:00	67.27	5.22	715.03	23.74
8/27/2024 12:00	65.89	5.16	714.89	23.21
8/27/2024 13:00	65.89	5.03	715.02	20.03
8/27/2024 14:00	78.84	4.93	715.06	19.52
8/27/2024 15:00	87.55	4.83	715.04	20.56
8/27/2024 16:00	88.47	4.92	714.98	20.52
8/27/2024 17:00	90.22	4.98	715.01	21.58
8/27/2024 18:00	82.69	5.01	714.99	21.46
8/27/2024 19:00	70.09	5.21	714.94	21.03
8/27/2024 20:00	67.11	5.11	714.92	19.46
8/27/2024 21:00	67.15	5.11	715.00	20.90
8/27/2024 22:00	66.80	5.12	714.98	20.43
8/27/2024 23:00	66.37	5.14	714.99	20.11
8/28/2024	75.92	5.13	714.99	19.84
8/28/2024 1:00	87.74	5.13	715.00	19.39
8/28/2024 2:00	87.92	5.13	714.99	18.97
8/28/2024 3:00	88.50	5.14	715.03	18.98
8/28/2024 4:00	83.97	5.13	714.98	19.90
8/28/2024 5:00	83.46	5.10	714.98	19.23
8/28/2024 6:00	84.60	5.10	715.03	19.23
8/28/2024 7:00	83.17	5.10	715.00	19.63
8/28/2024 8:00	86.94	5.10	714.99	19.05
8/28/2024 9:00	91.59	5.06	715.04	18.75
8/28/2024 10:00	102.86	5.09	715.03	19.46
8/28/2024 11:00	101.64	5.02	715.02	19.89
8/28/2024 12:00	99.63	5.07	714.94	20.94
8/28/2024 13:00	95.00	5.12	715.00	22.36
8/28/2024 14:00	90.49	5.14	714.95	21.78
8/28/2024 15:00	98.87	5.14	715.01	22.18
8/28/2024 16:00	90.01	5.15	714.94	21.83
8/28/2024 17:00	88.75	5.12	715.04	22.07
8/28/2024 18:00	91.95	5.14	714.98	22.35
8/28/2024 19:00	86.87	5.11	715.01	22.47
8/28/2024 20:00	80.33	5.08	715.00	22.28
8/28/2024 21:00	75.29	5.08	714.99	22.16
8/28/2024 22:00	70.98	5.08	714.97	22.26
8/28/2024 23:00	71.83	5.09	715.01	22.71
8/29/2024	74.66	5.11	715.02	22.80
8/29/2024 1:00	71.07	5.09	714.96	22.63
8/29/2024 2:00	73.70	5.10	714.99	22.02

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/29/2024 3:00	72.20	5.10	714.90	22.14
8/29/2024 4:00	76.08	5.13	713.55	22.50
8/29/2024 5:00	83.98	5.09	709.30	35.86
8/29/2024 6:00	84.31	5.08	708.76	39.97
8/29/2024 7:00	78.85	4.86	716.30	29.07
8/29/2024 8:00	88.75	4.42	715.00	19.55
8/29/2024 9:00	91.84	4.44	715.03	20.01
8/29/2024 10:00	95.73	4.40	715.03	21.14
8/29/2024 11:00	95.58	4.35	714.96	21.46
8/29/2024 12:00	686.55	4.35	715.06	21.75
8/29/2024 13:00	105.33	4.32	714.98	22.63
8/29/2024 14:00	103.26	4.36	714.95	22.23
8/29/2024 15:00	103.32	4.31	715.05	20.74
8/29/2024 16:00	111.47	4.22	715.05	21.04
8/29/2024 17:00	114.35	4.25	715.00	22.33
8/29/2024 18:00	99.84	4.32	714.97	22.69
8/29/2024 19:00	94.46	4.30	715.00	23.06
8/29/2024 20:00	91.97	4.39	714.98	22.91
8/29/2024 21:00	88.31	4.42	714.96	22.96
8/29/2024 22:00	85.68	4.35	715.03	22.57
8/29/2024 23:00	80.30	4.33	715.01	22.53
8/30/2024	65.89	4.38	714.97	25.28
8/30/2024 1:00	64.96	4.39	715.03	27.59
8/30/2024 2:00	60.81	4.44	714.99	23.96
8/30/2024 3:00	59.05	4.47	714.99	21.69
8/30/2024 4:00	59.48	4.47	714.97	21.69
8/30/2024 5:00	58.59	4.49	715.00	21.77
8/30/2024 6:00	59.74	4.48	714.98	21.39
8/30/2024 7:00	59.87	4.47	715.01	20.35
8/30/2024 8:00	64.19	4.43	714.97	21.31
8/30/2024 9:00	64.68	4.39	715.01	20.98
8/30/2024 10:00	70.56	4.29	715.01	22.92
8/30/2024 11:00	71.92	4.64	715.18	25.06
8/30/2024 12:00	71.73	4.58	714.93	26.97
8/30/2024 13:00	87.84	4.13	715.22	27.61
8/30/2024 14:00	84.10	4.15	715.03	23.69
8/30/2024 15:00	91.21	4.40	715.09	22.87
8/30/2024 16:00	95.54	4.33	714.94	21.43
8/30/2024 17:00	95.31	4.33	715.04	21.95
8/30/2024 18:00	90.72	4.31	714.93	23.21
8/30/2024 19:00	85.79	4.29	715.03	24.00
8/30/2024 20:00	79.85	4.27	715.01	21.86
8/30/2024 21:00	79.51	4.48	715.00	22.81

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
8/30/2024 22:00	78.23	4.31	714.91	20.69
8/30/2024 23:00	79.07	4.16	715.06	18.65
8/31/2024	80.11	4.07	715.05	19.51
8/31/2024 1:00	80.96	4.03	714.97	19.65
8/31/2024 2:00	80.94	4.04	715.05	19.96
8/31/2024 3:00	81.65	4.01	714.97	19.76
8/31/2024 4:00	82.04	3.97	715.00	18.74
8/31/2024 5:00	89.80	3.99	715.00	19.04
8/31/2024 6:00	93.59	4.00	715.07	18.83
8/31/2024 7:00	100.90	3.81	715.07	19.25
8/31/2024 8:00	108.40	3.75	714.72	19.66
8/31/2024 9:00	121.25	3.76	715.04	20.42
8/31/2024 10:00	138.35	3.92	715.05	20.26
8/31/2024 11:00	158.96	3.97	715.07	20.17
8/31/2024 12:00	176.35	3.97	714.97	20.70
8/31/2024 13:00	196.49	4.02	714.99	20.40
8/31/2024 14:00	207.28	3.99	715.00	20.32
8/31/2024 15:00	221.37	3.98	715.04	20.48
8/31/2024 16:00	221.04	3.95	715.04	20.44
8/31/2024 17:00	214.01	4.07	714.99	20.85
8/31/2024 18:00	206.04	4.02	715.03	20.21
8/31/2024 19:00	201.46	4.00	714.95	20.09
8/31/2024 20:00	201.29	4.03	715.04	20.49
8/31/2024 21:00	201.98	3.98	714.89	20.44
8/31/2024 22:00	125.97	4.01	714.78	19.00
8/31/2024 23:00	67.64	4.04	715.00	17.58
9/1/2024	66.05	4.05	715.02	17.98
9/1/2024 1:00	66.27	4.00	714.97	18.03
9/1/2024 2:00	65.89	4.00	714.99	17.83
9/1/2024 3:00	66.43	4.02	715.01	17.38
9/1/2024 4:00	66.18	4.03	715.03	17.86
9/1/2024 5:00	65.86	4.03	714.96	17.63
9/1/2024 6:00	66.05	4.05	714.96	17.68
9/1/2024 7:00	65.86	4.03	714.99	18.03
9/1/2024 8:00	65.27	4.07	715.01	17.89
9/1/2024 9:00	66.65	4.09	715.04	17.54
9/1/2024 10:00	70.50	4.01	715.12	17.97
9/1/2024 11:00	71.54	3.88	715.00	18.30
9/1/2024 12:00	71.61	3.95	714.96	18.88
9/1/2024 13:00	67.12	3.98	715.04	20.19
9/1/2024 14:00	66.55	4.04	715.00	20.41
9/1/2024 15:00	65.89	4.09	715.03	20.59
9/1/2024 16:00	66.08	4.13	714.95	20.60

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/1/2024 17:00	65.89	4.17	715.03	21.27
9/1/2024 18:00	65.80	4.21	714.96	20.95
9/1/2024 19:00	65.89	4.24	715.00	20.58
9/1/2024 20:00	65.89	4.24	714.98	20.56
9/1/2024 21:00	65.89	4.26	715.01	20.57
9/1/2024 22:00	65.89	4.31	715.01	20.06
9/1/2024 23:00	65.89	4.37	714.98	19.88
9/2/2024	65.77	4.45	715.02	19.01
9/2/2024 1:00	64.53	4.42	715.01	19.01
9/2/2024 2:00	63.95	4.47	714.93	19.26
9/2/2024 3:00	65.69	4.51	715.02	18.86
9/2/2024 4:00	68.97	4.52	714.99	19.27
9/2/2024 5:00	69.75	4.58	715.01	18.87
9/2/2024 6:00	69.66	4.61	715.01	18.52
9/2/2024 7:00	69.66	4.60	715.01	18.70
9/2/2024 8:00	69.47	4.61	715.01	18.22
9/2/2024 9:00	70.09	4.56	715.02	18.10
9/2/2024 10:00	69.66	4.53	715.06	18.95
9/2/2024 11:00	69.66	4.57	714.96	18.99
9/2/2024 12:00	69.66	4.56	715.05	19.45
9/2/2024 13:00	69.47	4.60	715.00	20.48
9/2/2024 14:00	68.70	4.66	715.01	20.73
9/2/2024 15:00	65.39	4.73	715.01	20.57
9/2/2024 16:00	64.14	4.75	715.01	21.01
9/2/2024 17:00	64.14	4.76	715.00	20.91
9/2/2024 18:00	64.01	4.75	715.01	20.50
9/2/2024 19:00	64.01	4.80	714.99	20.85
9/2/2024 20:00	64.16	4.87	714.99	20.89
9/2/2024 21:00	64.11	4.91	715.00	20.04
9/2/2024 22:00	63.98	4.92	714.99	19.56
9/2/2024 23:00	63.95	4.89	714.96	19.44
9/3/2024	63.98	4.94	715.02	19.23
9/3/2024 1:00	63.98	4.88	715.01	18.82
9/3/2024 2:00	63.95	4.95	714.96	19.24
9/3/2024 3:00	63.98	5.00	715.01	18.89
9/3/2024 4:00	63.79	4.98	714.99	18.73
9/3/2024 5:00	62.35	4.82	714.91	19.20
9/3/2024 6:00	60.62	4.88	715.09	18.85
9/3/2024 7:00	63.89	4.99	715.05	19.10
9/3/2024 8:00	64.01	4.93	714.95	19.48
9/3/2024 9:00	64.07	4.92	715.01	19.16
9/3/2024 10:00	64.95	4.85	714.95	18.82
9/3/2024 11:00	64.73	4.86	715.08	18.89

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/3/2024 12:00	64.74	4.88	714.97	19.70
9/3/2024 13:00	64.01	4.88	715.02	19.75
9/3/2024 14:00	64.01	4.86	715.03	19.43
9/3/2024 15:00	64.01	4.78	715.07	20.16
9/3/2024 16:00	66.27	4.82	714.90	19.78
9/3/2024 17:00	65.12	4.76	715.11	19.52
9/3/2024 18:00	65.83	4.75	715.00	20.07
9/3/2024 19:00	64.76	4.79	715.02	20.35
9/3/2024 20:00	64.42	4.89	714.97	19.97
9/3/2024 21:00	65.89	4.87	715.00	19.96
9/3/2024 22:00	64.69	4.65	714.92	20.38
9/3/2024 23:00	64.51	4.80	714.98	20.46
9/4/2024	64.01	4.90	715.02	20.61
9/4/2024 1:00	65.82	4.91	714.97	19.10
9/4/2024 2:00	69.37	4.95	714.99	18.91
9/4/2024 3:00	69.66	4.96	715.00	19.00
9/4/2024 4:00	69.75	4.95	715.00	19.47
9/4/2024 5:00	69.66	4.94	715.01	19.74
9/4/2024 6:00	69.66	4.92	715.04	19.03
9/4/2024 7:00	69.28	4.90	714.98	19.50
9/4/2024 8:00	69.09	4.92	714.97	19.31
9/4/2024 9:00	69.75	4.91	715.00	19.08
9/4/2024 10:00	95.96	4.82	715.06	18.56
9/4/2024 11:00	130.62	4.81	715.02	19.87
9/4/2024 12:00	131.25	4.82	714.98	20.69
9/4/2024 13:00	132.84	4.84	715.00	20.33
9/4/2024 14:00	126.67	4.72	715.03	20.43
9/4/2024 15:00	132.44	4.83	715.04	20.57
9/4/2024 16:00	126.18	4.73	714.98	20.48
9/4/2024 17:00	119.83	4.69	714.97	21.27
9/4/2024 18:00	110.98	4.71	715.06	21.83
9/4/2024 19:00	103.01	4.73	714.97	23.45
9/4/2024 20:00	95.24	4.74	715.00	21.11
9/4/2024 21:00	83.34	4.81	714.95	21.89
9/4/2024 22:00	84.03	4.78	714.97	21.24
9/4/2024 23:00	86.23	4.76	715.01	21.62
9/5/2024	86.51	4.68	714.93	21.90
9/5/2024 1:00	88.53	4.67	714.97	22.39
9/5/2024 2:00	94.89	4.57	715.02	21.22
9/5/2024 3:00	97.20	4.53	715.00	20.94
9/5/2024 4:00	94.24	4.51	714.91	20.79
9/5/2024 5:00	90.81	4.40	715.03	19.07
9/5/2024 6:00	95.08	4.36	714.93	19.14

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/5/2024 7:00	94.79	4.37	714.99	20.18
9/5/2024 8:00	96.98	4.33	714.99	19.96
9/5/2024 9:00	104.19	4.23	715.00	19.69
9/5/2024 10:00	419.55	4.21	715.06	18.97
9/5/2024 11:00	104.38	4.70	714.99	18.70
9/5/2024 12:00	107.38	4.66	714.97	18.51
9/5/2024 13:00	103.65	4.64	715.03	18.79
9/5/2024 14:00	100.87	4.56	715.01	18.05
9/5/2024 15:00	105.93	4.59	715.10	17.84
9/5/2024 16:00	107.02	4.65	715.02	19.08
9/5/2024 17:00	103.42	4.69	715.04	19.12
9/5/2024 18:00	98.79	4.68	714.95	19.93
9/5/2024 19:00	90.41	4.67	715.01	19.73
9/5/2024 20:00	81.82	4.68	714.97	19.75
9/5/2024 21:00	73.94	4.62	714.93	20.01
9/5/2024 22:00	75.47	4.67	714.99	19.57
9/5/2024 23:00	76.44	4.70	715.01	18.56
9/6/2024	75.19	4.67	714.96	17.89
9/6/2024 1:00	72.68	4.64	715.02	17.58
9/6/2024 2:00	69.29	4.66	714.99	17.99
9/6/2024 3:00	66.07	4.64	714.99	17.91
9/6/2024 4:00	70.18	4.56	715.02	18.09
9/6/2024 5:00	189.94	4.61	715.01	18.44
9/6/2024 6:00	83.22	4.61	714.99	18.82
9/6/2024 7:00	93.35	4.56	714.97	18.38
9/6/2024 8:00	71.84	4.62	714.98	18.45
9/6/2024 9:00	70.88	4.68	714.99	17.96
9/6/2024 10:00	57.70	4.62	715.06	18.53
9/6/2024 11:00	58.30	4.56	714.79	18.42
9/6/2024 12:00	54.29	5.02	714.68	17.99
9/6/2024 13:00	52.71	5.04	715.04	17.87
9/6/2024 14:00	51.68	5.02	714.93	18.53
9/6/2024 15:00	47.98	4.98	715.01	18.31
9/6/2024 16:00	47.07	4.95	715.04	18.47
9/6/2024 17:00	47.04	4.93	714.95	18.57
9/6/2024 18:00	41.33	4.91	715.05	18.57
9/6/2024 19:00	41.14	4.94	714.92	18.52
9/6/2024 20:00	41.61	5.45	715.05	18.49
9/6/2024 21:00	39.84	5.95	715.10	18.55
9/6/2024 22:00	39.75	6.22	715.37	18.73
9/6/2024 23:00	45.18	6.03	715.03	18.35
9/7/2024	43.96	6.00	714.99	18.24
9/7/2024 1:00	43.02	6.03	715.00	17.63

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/7/2024 2:00	40.55	6.01	715.00	17.90
9/7/2024 3:00	40.88	6.00	715.03	17.83
9/7/2024 4:00	42.20	6.00	714.99	17.85
9/7/2024 5:00	41.80	5.97	714.98	18.06
9/7/2024 6:00	40.83	5.99	714.96	17.58
9/7/2024 7:00	40.59	5.95	715.03	17.75
9/7/2024 8:00	44.25	5.94	714.98	17.71
9/7/2024 9:00	39.72	5.90	715.02	17.83
9/7/2024 10:00	42.64	5.86	715.02	18.52
9/7/2024 11:00	40.01	5.81	715.03	18.60
9/7/2024 12:00	44.26	5.86	714.97	18.73
9/7/2024 13:00	40.46	5.88	714.98	18.69
9/7/2024 14:00	41.54	5.90	715.04	18.40
9/7/2024 15:00	43.11	5.94	714.99	18.70
9/7/2024 16:00	43.67	5.97	715.01	18.56
9/7/2024 17:00	44.41	6.00	714.97	18.24
9/7/2024 18:00	42.92	6.02	715.01	17.70
9/7/2024 19:00	40.95	6.02	714.95	17.86
9/7/2024 20:00	39.54	6.08	714.95	17.64
9/7/2024 21:00	43.89	6.17	714.91	17.89
9/7/2024 22:00	42.62	6.25	715.00	18.05
9/7/2024 23:00	39.54	6.17	715.10	17.75
9/8/2024	40.20	6.08	715.02	17.75
9/8/2024 1:00	39.54	6.22	714.97	17.70
9/8/2024 2:00	39.82	6.32	714.96	17.84
9/8/2024 3:00	40.48	6.13	714.97	18.15
9/8/2024 4:00	39.54	6.20	714.99	18.38
9/8/2024 5:00	39.54	6.15	715.00	18.16
9/8/2024 6:00	39.54	6.27	714.98	18.55
9/8/2024 7:00	40.01	6.15	715.00	18.87
9/8/2024 8:00	39.54	6.47	715.01	18.76
9/8/2024 9:00	39.54	6.37	715.05	18.63
9/8/2024 10:00	39.63	6.25	714.99	17.43
9/8/2024 11:00	42.00	6.14	715.12	18.27
9/8/2024 12:00	45.00	6.06	714.98	17.95
9/8/2024 13:00	44.43	6.02	715.00	17.84
9/8/2024 14:00	45.91	5.97	715.00	18.25
9/8/2024 15:00	48.96	6.04	715.10	17.84
9/8/2024 16:00	45.91	6.16	715.05	17.76
9/8/2024 17:00	48.33	6.36	714.95	17.83
9/8/2024 18:00	44.69	6.14	714.88	18.15
9/8/2024 19:00	39.63	5.96	715.02	17.55
9/8/2024 20:00	39.57	6.14	715.03	17.89

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/8/2024 21:00	39.57	6.22	714.96	17.72
9/8/2024 22:00	40.23	6.30	714.99	17.33
9/8/2024 23:00	41.45	6.32	714.99	17.75
9/9/2024	43.51	6.35	714.98	17.41
9/9/2024 1:00	45.09	6.35	715.04	17.62
9/9/2024 2:00	45.18	6.37	714.98	18.46
9/9/2024 3:00	45.09	6.38	714.98	18.25
9/9/2024 4:00	45.18	6.35	714.98	18.20
9/9/2024 5:00	45.56	6.36	715.06	18.21
9/9/2024 6:00	45.28	6.40	714.95	17.82
9/9/2024 7:00	45.18	6.39	715.02	18.11
9/9/2024 8:00	45.18	6.28	715.01	18.19
9/9/2024 9:00	45.18	6.19	714.85	17.91
9/9/2024 10:00	45.18	6.19	714.58	17.47
9/9/2024 11:00	54.18	6.43	715.28	18.26
9/9/2024 12:00	73.24	6.20	714.94	17.89
9/9/2024 13:00	73.86	6.10	715.03	19.90
9/9/2024 14:00	70.04	6.10	715.00	20.40
9/9/2024 15:00	61.85	6.01	715.29	18.40
9/9/2024 16:00	analyzer replacement		715.48	16.87
9/9/2024 17:00			715.92	15.96
9/9/2024 18:00			716.00	15.08
9/9/2024 19:00			715.92	14.19
9/9/2024 20:00			715.98	13.31
9/9/2024 21:00			716.03	12.42
9/9/2024 22:00			715.97	11.54
9/9/2024 23:00			716.00	10.65
9/10/2024			716.00	9.77
9/10/2024 1:00			715.97	8.88
9/10/2024 2:00			715.99	8.00
9/10/2024 3:00			715.96	7.11
9/10/2024 4:00			715.99	6.23
9/10/2024 5:00			715.99	5.34
9/10/2024 6:00			716.01	4.46
9/10/2024 7:00			716.00	3.57
9/10/2024 8:00			716.01	2.69
9/10/2024 9:00			716.01	1.80
9/10/2024 10:00			716.04	1.45
9/10/2024 11:00			716.01	1.90
9/10/2024 12:00			716.07	2.35
9/10/2024 13:00			715.95	2.80
9/10/2024 14:00			716.00	3.25
9/10/2024 15:00			716.02	3.70

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Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/10/2024 16:00			715.96	4.15
9/10/2024 17:00			716.04	4.60
9/10/2024 18:00			716.04	5.05
9/10/2024 19:00			715.95	5.51
9/10/2024 20:00			715.99	5.96
9/10/2024 21:00			715.96	6.41
9/10/2024 22:00			716.03	6.86
9/10/2024 23:00			715.95	7.31
9/11/2024			716.00	7.76
9/11/2024 1:00			715.99	8.21
9/11/2024 2:00			715.99	8.66
9/11/2024 3:00			716.03	9.11
9/11/2024 4:00			716.01	9.56
9/11/2024 5:00			716.01	10.02
9/11/2024 6:00			715.97	10.47
9/11/2024 7:00			716.01	10.92
9/11/2024 8:00			716.00	11.37
9/11/2024 9:00			716.00	11.82
9/11/2024 10:00			716.08	12.27
9/11/2024 11:00			716.00	12.72
9/11/2024 12:00			716.03	13.17
9/11/2024 13:00			716.01	13.57
9/11/2024 14:00			716.04	13.28
9/11/2024 15:00			716.04	12.79
9/11/2024 16:00			716.00	12.30
9/11/2024 17:00			716.03	11.81
9/11/2024 18:00			716.01	11.32
9/11/2024 19:00			715.98	10.83
9/11/2024 20:00			716.01	10.34
9/11/2024 21:00			715.96	9.85
9/11/2024 22:00			715.96	9.35
9/11/2024 23:00			715.98	8.86
9/12/2024			715.97	8.37
9/12/2024 1:00			716.00	7.88
9/12/2024 2:00			715.95	7.39
9/12/2024 3:00			715.99	6.90
9/12/2024 4:00			716.05	6.41
9/12/2024 5:00			715.93	5.92
9/12/2024 6:00			715.95	5.43
9/12/2024 7:00			716.00	4.94
9/12/2024 8:00			715.96	4.45
9/12/2024 9:00			716.09	3.96
9/12/2024 10:00			716.05	3.47

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/12/2024 11:00			715.97	2.98
9/12/2024 12:00			716.05	2.49
9/12/2024 13:00			716.04	2.00
9/12/2024 14:00			716.03	1.51
9/12/2024 15:00			716.01	1.02
9/12/2024 16:00			716.08	0.52
9/12/2024 17:00			715.93	13.31
9/12/2024 18:00			715.97	20.07
9/12/2024 19:00			715.99	20.00
9/12/2024 20:00			715.91	20.18
9/12/2024 21:00			716.00	20.56
9/12/2024 22:00			715.98	19.81
9/12/2024 23:00			715.97	19.78
9/13/2024			716.04	21.19
9/13/2024 1:00			715.99	20.47
9/13/2024 2:00			716.04	21.13
9/13/2024 3:00			715.95	21.19
9/13/2024 4:00			715.99	21.92
9/13/2024 5:00			715.93	21.53
9/13/2024 6:00			715.97	21.82
9/13/2024 7:00			716.00	20.84
9/13/2024 8:00			715.99	21.06
9/13/2024 9:00			716.06	21.86
9/13/2024 10:00			716.01	20.53
9/13/2024 11:00			716.01	21.77
9/13/2024 12:00			715.95	23.04
9/13/2024 13:00			716.05	22.28
9/13/2024 14:00			716.00	22.36
9/13/2024 15:00			716.04	22.65
9/13/2024 16:00			715.98	21.52
9/13/2024 17:00			716.02	22.12
9/13/2024 18:00			716.02	19.04
9/13/2024 19:00			715.97	17.55
9/13/2024 20:00			716.00	18.22
9/13/2024 21:00			715.92	18.64
9/13/2024 22:00			715.98	19.12
9/13/2024 23:00			715.98	19.16
9/14/2024			716.00	19.60
9/14/2024 1:00			716.05	19.76
9/14/2024 2:00			715.95	19.72
9/14/2024 3:00			716.03	20.83
9/14/2024 4:00			715.97	21.11
9/14/2024 5:00			715.94	20.42

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/14/2024 6:00			716.00	19.34
9/14/2024 7:00			715.99	20.29
9/14/2024 8:00			716.02	19.95
9/14/2024 9:00			716.03	19.45
9/14/2024 10:00			716.07	21.91
9/14/2024 11:00			716.01	22.07
9/14/2024 12:00			716.02	22.12
9/14/2024 13:00			715.72	21.70
9/14/2024 14:00			699.52	24.05
9/14/2024 15:00			716.00	22.44
9/14/2024 16:00			716.01	23.19
9/14/2024 17:00			716.02	22.97
9/14/2024 18:00			715.97	23.42
9/14/2024 19:00			715.99	23.04
9/14/2024 20:00			715.98	22.57
9/14/2024 21:00			715.96	22.29
9/14/2024 22:00			715.94	20.21
9/14/2024 23:00			715.97	19.70
9/15/2024			716.02	20.09
9/15/2024 1:00			716.05	20.02
9/15/2024 2:00			715.99	21.81
9/15/2024 3:00			715.94	21.82
9/15/2024 4:00			715.98	22.86
9/15/2024 5:00			715.98	22.26
9/15/2024 6:00			716.00	21.32
9/15/2024 7:00			716.01	21.32
9/15/2024 8:00			716.01	21.72
9/15/2024 9:00			715.97	21.55
9/15/2024 10:00			716.09	22.11
9/15/2024 11:00			715.99	25.20
9/15/2024 12:00			716.06	26.81
9/15/2024 13:00			715.95	23.95
9/15/2024 14:00			716.09	21.66
9/15/2024 15:00			716.02	24.00
9/15/2024 16:00			716.02	23.71
9/15/2024 17:00			716.00	24.60
9/15/2024 18:00			716.04	25.83
9/15/2024 19:00			716.01	23.63
9/15/2024 20:00			715.99	21.91
9/15/2024 21:00			715.96	22.15
9/15/2024 22:00			715.94	20.92
9/15/2024 23:00			716.00	20.05
9/16/2024			715.97	21.16

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/16/2024 1:00			715.98	22.37
9/16/2024 2:00			715.99	22.12
9/16/2024 3:00			715.99	22.82
9/16/2024 4:00			716.00	22.45
9/16/2024 5:00			715.95	21.97
9/16/2024 6:00			716.01	21.46
9/16/2024 7:00			716.01	19.64
9/16/2024 8:00			716.00	19.81
9/16/2024 9:00			714.90	18.84
9/16/2024 10:00			715.34	20.52
9/16/2024 11:00			715.39	22.53
9/16/2024 12:00			716.10	24.56
9/16/2024 13:00			717.19	26.76
9/16/2024 14:00			716.33	25.08
9/16/2024 15:00			713.56	24.84
9/16/2024 16:00			717.46	23.67
9/16/2024 17:00			716.76	24.32
9/16/2024 18:00			716.59	23.10
9/16/2024 19:00			716.05	22.30
9/16/2024 20:00			716.23	21.88
9/16/2024 21:00			716.03	21.20
9/16/2024 22:00			716.16	21.16
9/16/2024 23:00			715.99	21.65
9/17/2024			715.99	21.12
9/17/2024 1:00			715.99	21.12
9/17/2024 2:00			715.98	20.53
9/17/2024 3:00			716.01	20.39
9/17/2024 4:00			715.93	20.55
9/17/2024 5:00			715.98	20.79
9/17/2024 6:00			715.99	20.86
9/17/2024 7:00			715.96	20.87
9/17/2024 8:00			716.34	20.92
9/17/2024 9:00			716.06	20.00
9/17/2024 10:00			716.03	20.57
9/17/2024 11:00			715.99	21.42
9/17/2024 12:00			716.02	21.42
9/17/2024 13:00			716.06	22.00
9/17/2024 14:00			716.05	22.07
9/17/2024 15:00			716.00	22.87
9/17/2024 16:00			716.01	22.40
9/17/2024 17:00			716.02	22.49
9/17/2024 18:00			716.02	21.75
9/17/2024 19:00			715.99	21.37

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/17/2024 20:00			715.99	21.11
9/17/2024 21:00			715.96	20.88
9/17/2024 22:00			715.96	20.61
9/17/2024 23:00			715.99	20.26
9/18/2024			716.05	20.67
9/18/2024 1:00			715.97	19.85
9/18/2024 2:00			716.01	19.37
9/18/2024 3:00			716.00	20.16
9/18/2024 4:00			715.97	20.83
9/18/2024 5:00			716.00	20.54
9/18/2024 6:00			715.99	20.37
9/18/2024 7:00			715.98	19.44
9/18/2024 8:00			715.98	18.59
9/18/2024 9:00			716.02	19.58
9/18/2024 10:00			716.03	19.34
9/18/2024 11:00			716.02	19.26
9/18/2024 12:00			716.06	20.25
9/18/2024 13:00			716.04	20.75
9/18/2024 14:00			715.97	21.04
9/18/2024 15:00			716.05	20.49
9/18/2024 16:00			715.96	19.51
9/18/2024 17:00			716.04	19.62
9/18/2024 18:00			715.96	19.38
9/18/2024 19:00			715.95	20.11
9/18/2024 20:00			715.95	20.78
9/18/2024 21:00			716.00	20.64
9/18/2024 22:00			716.01	20.63
9/18/2024 23:00			715.99	20.01
9/19/2024			715.98	20.00
9/19/2024 1:00			715.98	19.96
9/19/2024 2:00			716.03	19.68
9/19/2024 3:00			715.99	19.64
9/19/2024 4:00			715.94	19.69
9/19/2024 5:00			715.98	20.56
9/19/2024 6:00			716.02	20.52
9/19/2024 7:00			716.04	20.35
9/19/2024 8:00			715.97	19.66
9/19/2024 9:00			716.03	19.80
9/19/2024 10:00			715.97	19.64
9/19/2024 11:00			715.96	19.50
9/19/2024 12:00			716.15	20.56
9/19/2024 13:00			716.02	20.89
9/19/2024 14:00			716.02	20.11

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/19/2024 15:00			716.03	19.59
9/19/2024 16:00			716.03	19.32
9/19/2024 17:00			715.98	19.38
9/19/2024 18:00			715.98	19.56
9/19/2024 19:00			715.98	20.49
9/19/2024 20:00			715.99	19.92
9/19/2024 21:00			716.02	19.36
9/19/2024 22:00			716.00	19.01
9/19/2024 23:00			715.97	19.62
9/20/2024			715.99	18.64
9/20/2024 1:00			715.99	18.98
9/20/2024 2:00			715.99	18.50
9/20/2024 3:00			716.01	18.16
9/20/2024 4:00			716.00	18.02
9/20/2024 5:00			716.00	17.90
9/20/2024 6:00			715.99	18.25
9/20/2024 7:00			715.97	18.76
9/20/2024 8:00			716.01	18.25
9/20/2024 9:00			715.99	18.92
9/20/2024 10:00			716.05	19.06
9/20/2024 11:00			715.97	20.13
9/20/2024 12:00			716.03	20.31
9/20/2024 13:00			716.02	21.02
9/20/2024 14:00			716.02	20.51
9/20/2024 15:00			716.02	20.44
9/20/2024 16:00			716.00	18.99
9/20/2024 17:00			715.99	18.48
9/20/2024 18:00			716.02	18.70
9/20/2024 19:00			716.07	18.84
9/20/2024 20:00			715.93	19.25
9/20/2024 21:00			716.01	20.57
9/20/2024 22:00			715.98	21.47
9/20/2024 23:00			716.01	21.85
9/21/2024			715.96	22.24
9/21/2024 1:00			715.98	21.53
9/21/2024 2:00			716.04	18.84
9/21/2024 3:00			716.00	18.44
9/21/2024 4:00			716.01	17.71
9/21/2024 5:00			716.01	17.63
9/21/2024 6:00			715.99	18.66
9/21/2024 7:00			715.98	18.06
9/21/2024 8:00			715.98	17.94
9/21/2024 9:00			716.02	18.30

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/21/2024 10:00			716.02	17.40
9/21/2024 11:00			716.05	18.51
9/21/2024 12:00			716.06	18.37
9/21/2024 13:00			715.99	19.05
9/21/2024 14:00			716.04	19.64
9/21/2024 15:00			716.04	18.72
9/21/2024 16:00			715.93	18.62
9/21/2024 17:00			716.08	18.63
9/21/2024 18:00			715.94	18.24
9/21/2024 19:00			716.01	19.02
9/21/2024 20:00			715.94	17.73
9/21/2024 21:00			715.99	18.80
9/21/2024 22:00			716.02	19.10
9/21/2024 23:00			715.99	19.37
9/22/2024			715.99	19.10
9/22/2024 1:00			715.99	18.63
9/22/2024 2:00			715.97	18.78
9/22/2024 3:00			716.02	18.61
9/22/2024 4:00			715.99	17.90
9/22/2024 5:00			716.00	17.93
9/22/2024 6:00			715.99	18.70
9/22/2024 7:00			715.98	18.15
9/22/2024 8:00			715.99	18.76
9/22/2024 9:00			716.01	18.54
9/22/2024 10:00			716.07	19.30
9/22/2024 11:00			715.98	19.87
9/22/2024 12:00			716.02	19.31
9/22/2024 13:00			716.04	18.56
9/22/2024 14:00			716.01	19.09
9/22/2024 15:00			716.02	19.45
9/22/2024 16:00			715.95	19.85
9/22/2024 17:00			716.01	19.00
9/22/2024 18:00			716.02	17.98
9/22/2024 19:00			715.92	18.73
9/22/2024 20:00			716.03	19.10
9/22/2024 21:00			716.03	19.59
9/22/2024 22:00			715.99	20.83
9/22/2024 23:00			715.95	19.47
9/23/2024			716.04	19.66
9/23/2024 1:00			715.99	19.78
9/23/2024 2:00			716.02	20.82
9/23/2024 3:00			715.97	20.66
9/23/2024 4:00			716.04	19.37

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/23/2024 5:00			716.02	17.33
9/23/2024 6:00			716.03	16.76
9/23/2024 7:00			715.97	17.88
9/23/2024 8:00			716.00	17.08
9/23/2024 9:00			716.00	17.14
9/23/2024 10:00			715.99	17.23
9/23/2024 11:00			716.00	17.14
9/23/2024 12:00			716.00	17.15
9/23/2024 13:00			715.99	17.69
9/23/2024 14:00			716.05	17.84
9/23/2024 15:00			716.02	18.18
9/23/2024 16:00			715.96	17.53
9/23/2024 17:00			715.98	18.08
9/23/2024 18:00			716.00	17.45
9/23/2024 19:00			715.99	17.50
9/23/2024 20:00			715.97	18.35
9/23/2024 21:00			715.98	17.12
9/23/2024 22:00			715.99	16.89
9/23/2024 23:00			716.02	17.00
9/24/2024			715.99	16.74
9/24/2024 1:00			716.00	16.88
9/24/2024 2:00			715.97	17.01
9/24/2024 3:00			716.02	16.92
9/24/2024 4:00			715.98	17.41
9/24/2024 5:00			716.00	18.37
9/24/2024 6:00			716.01	18.66
9/24/2024 7:00			715.97	18.27
9/24/2024 8:00			716.02	18.46
9/24/2024 9:00			715.99	18.49
9/24/2024 10:00			716.02	18.43
9/24/2024 11:00			716.03	18.38
9/24/2024 12:00			715.98	18.92
9/24/2024 13:00			716.01	19.14
9/24/2024 14:00			716.03	19.85
9/24/2024 15:00			716.00	19.92
9/24/2024 16:00			715.98	20.13
9/24/2024 17:00			716.01	19.66
9/24/2024 18:00			716.01	19.98
9/24/2024 19:00			716.00	19.75
9/24/2024 20:00			715.99	20.64
9/24/2024 21:00			715.99	19.80
9/24/2024 22:00			716.00	20.15
9/24/2024 23:00			715.96	20.54

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/25/2024			716.00	19.57
9/25/2024 1:00			715.99	20.15
9/25/2024 2:00			716.00	19.36
9/25/2024 3:00			715.99	18.34
9/25/2024 4:00			716.01	19.18
9/25/2024 5:00			716.01	17.25
9/25/2024 6:00			715.98	17.36
9/25/2024 7:00			715.99	17.80
9/25/2024 8:00			715.98	18.33
9/25/2024 9:00			715.98	17.41
9/25/2024 10:00			716.00	17.49
9/25/2024 11:00			716.02	17.53
9/25/2024 12:00			716.00	17.54
9/25/2024 13:00			716.01	17.18
9/25/2024 14:00			716.00	18.07
9/25/2024 15:00			715.98	17.45
9/25/2024 16:00			716.01	17.81
9/25/2024 17:00			716.04	17.14
9/25/2024 18:00			716.01	17.34
9/25/2024 19:00			716.00	17.52
9/25/2024 20:00			715.99	17.30
9/25/2024 21:00			716.00	17.81
9/25/2024 22:00			716.00	17.45
9/25/2024 23:00			716.00	18.07
9/26/2024			716.02	18.25
9/26/2024 1:00			716.06	18.01
9/26/2024 2:00			715.98	16.74
9/26/2024 3:00			716.03	16.89
9/26/2024 4:00			715.95	17.35
9/26/2024 5:00			715.97	17.45
9/26/2024 6:00			716.04	18.23
9/26/2024 7:00			715.97	17.61
9/26/2024 8:00			715.96	18.11
9/26/2024 9:00			716.09	18.36
9/26/2024 10:00			715.98	19.05
9/26/2024 11:00			715.98	19.05
9/26/2024 12:00			715.99	19.21
9/26/2024 13:00	113.29	5.47	715.97	19.09
9/26/2024 14:00	113.06	5.57	716.08	19.19
9/26/2024 15:00	114.00	5.66	716.00	18.74
9/26/2024 16:00	124.43	5.59	716.00	19.28
9/26/2024 17:00	117.65	5.61	716.01	19.47
9/26/2024 18:00	118.53	5.74	715.97	18.92

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/26/2024 19:00	117.98	5.86	716.01	18.72
9/26/2024 20:00	113.59	5.91	715.99	19.23
9/26/2024 21:00	111.93	5.87	715.99	19.63
9/26/2024 22:00	112.49	5.86	715.99	19.74
9/26/2024 23:00	123.83	5.96	716.02	20.37
9/27/2024	128.73	6.11	716.06	20.20
9/27/2024 1:00	125.63	6.14	716.02	19.70
9/27/2024 2:00	118.75	6.06	715.99	19.80
9/27/2024 3:00	124.09	5.73	715.98	20.04
9/27/2024 4:00	123.81	5.53	716.19	19.65
9/27/2024 5:00	112.84	5.48	715.98	18.34
9/27/2024 6:00	115.50	5.46	715.97	18.37
9/27/2024 7:00	122.58	5.45	716.03	18.06
9/27/2024 8:00	129.27	5.41	716.01	18.66
9/27/2024 9:00	161.98	5.42	715.98	18.40
9/27/2024 10:00	164.94	5.37	716.07	18.51
9/27/2024 11:00	170.79	5.28	716.05	18.24
9/27/2024 12:00	182.50	5.26	716.00	18.10
9/27/2024 13:00	174.11	5.26	716.03	18.47
9/27/2024 14:00	192.59	5.26	716.00	18.90
9/27/2024 15:00	179.47	5.28	716.01	19.10
9/27/2024 16:00	156.16	5.31	716.00	18.83
9/27/2024 17:00	146.41	5.29	716.03	18.58
9/27/2024 18:00	127.79	5.26	715.98	18.26
9/27/2024 19:00	123.18	5.36	715.95	18.00
9/27/2024 20:00	126.66	5.43	716.04	18.12
9/27/2024 21:00	125.32	5.47	715.98	18.17
9/27/2024 22:00	126.48	5.47	715.99	18.37
9/27/2024 23:00	133.53	5.49	715.99	18.44
9/28/2024	123.28	5.55	716.01	18.31
9/28/2024 1:00	130.55	5.52	716.00	18.15
9/28/2024 2:00	139.99	5.58	716.03	18.32
9/28/2024 3:00	136.77	5.59	715.99	18.03
9/28/2024 4:00	132.41	5.62	715.98	17.92
9/28/2024 5:00	125.25	5.63	716.01	18.17
9/28/2024 6:00	120.12	5.60	715.99	18.24
9/28/2024 7:00	126.66	5.63	716.00	18.05
9/28/2024 8:00	137.75	5.65	715.99	18.19
9/28/2024 9:00	138.58	5.57	716.03	17.88
9/28/2024 10:00	141.42	5.55	716.04	17.97
9/28/2024 11:00	152.12	5.48	716.00	18.25
9/28/2024 12:00	152.77	5.46	716.01	17.53
9/28/2024 13:00	158.53	5.42	716.01	16.77

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/28/2024 14:00	156.62	5.45	716.00	16.41
9/28/2024 15:00	141.26	5.47	716.00	16.79
9/28/2024 16:00	133.42	5.53	715.99	16.71
9/28/2024 17:00	130.06	5.58	715.99	16.79
9/28/2024 18:00	132.01	5.61	715.95	17.26
9/28/2024 19:00	128.84	5.63	716.01	17.88
9/28/2024 20:00	123.32	5.63	716.02	17.92
9/28/2024 21:00	134.65	5.62	715.98	17.89
9/28/2024 22:00	133.14	5.60	716.01	17.76
9/28/2024 23:00	127.76	5.66	715.99	18.01
9/29/2024	119.77	5.65	715.98	18.03
9/29/2024 1:00	134.61	5.65	716.02	17.82
9/29/2024 2:00	137.86	5.62	716.00	18.19
9/29/2024 3:00	126.49	5.64	715.98	17.88
9/29/2024 4:00	132.60	5.70	715.98	18.02
9/29/2024 5:00	123.33	5.65	716.02	17.80
9/29/2024 6:00	122.70	5.56	716.01	17.51
9/29/2024 7:00	119.71	5.65	716.03	17.19
9/29/2024 8:00	127.45	5.65	715.94	17.50
9/29/2024 9:00	121.99	5.57	716.04	17.76
9/29/2024 10:00	122.70	5.54	715.96	17.73
9/29/2024 11:00	133.32	5.50	716.04	17.05
9/29/2024 12:00	147.16	5.46	715.99	17.51
9/29/2024 13:00	149.83	5.45	716.05	17.13
9/29/2024 14:00	151.70	5.44	716.00	16.90
9/29/2024 15:00	163.21	5.40	716.02	16.79
9/29/2024 16:00	151.42	5.45	715.99	16.70
9/29/2024 17:00	143.46	5.40	716.01	16.65
9/29/2024 18:00	136.76	5.42	716.01	16.57
9/29/2024 19:00	130.30	5.45	716.03	16.56
9/29/2024 20:00	124.18	5.45	715.98	16.45
9/29/2024 21:00	128.98	5.52	715.95	16.61
9/29/2024 22:00	140.55	5.60	716.00	16.50
9/29/2024 23:00	136.35	5.72	715.99	16.95
9/30/2024	130.27	5.70	715.96	16.89
9/30/2024 1:00	129.61	5.70	716.04	17.13
9/30/2024 2:00	124.29	5.73	715.98	17.27
9/30/2024 3:00	126.70	5.75	716.01	17.82
9/30/2024 4:00	121.97	5.70	715.99	17.58
9/30/2024 5:00	117.61	5.70	716.01	17.46
9/30/2024 6:00	115.21	5.68	715.98	17.38
9/30/2024 7:00	111.96	5.66	716.02	17.55
9/30/2024 8:00	126.02	5.65	715.98	17.60

O.Reg 88/22 s34: Incinerator Data

Date	SO2(ppm)	O2 (%)	Temperature (C)	Velocity (m/s)
9/30/2024 9:00	151.49	5.58	715.97	18.21
9/30/2024 10:00	156.25	5.54	716.06	18.39
9/30/2024 11:00	153.88	5.48	715.96	18.03
9/30/2024 12:00	155.84	5.42	716.04	18.31
9/30/2024 13:00	162.65	5.48	715.99	16.63
9/30/2024 14:00	165.86	5.49	716.02	16.53
9/30/2024 15:00	165.72	5.50	715.99	16.48
9/30/2024 16:00	155.25	5.53	716.02	16.66
9/30/2024 17:00	144.65	5.57	715.99	16.41
9/30/2024 18:00	137.64	5.65	716.02	16.55
9/30/2024 19:00	124.18	5.69	716.00	16.87
9/30/2024 20:00	123.32	5.76	715.98	17.71
9/30/2024 21:00	117.25	5.78	716.06	17.00
9/30/2024 22:00	122.24	5.79	715.98	17.05
9/30/2024 23:00	121.11	5.82	716.00	17.14
10/1/2024	122.77	5.85	715.98	16.82

O.Reg 88/22 s34: Fuel Gas

Date	Plant 2 Fuel Gas - Lab Sample (H2S - ppm)	Plant 3 (44T302) Fuel Gas - Lab Sample (H2S- ppm)	Plant 3 (32V14) Fuel Gas - Lab Sample (H2S- ppm)	Plant 4 Fuel Gas - Lab Sample (H2S- ppm)
2024-07-01 03:00		5	5	5
2024-07-02 03:00		5	5	5
2024-07-03 03:00	5	5	5	5
2024-07-04 03:00	5	5	5	5
2024-07-05 03:00	5	5	5	5
2024-07-06 03:00	10	5	5	5
2024-07-07 03:00	10	5	5	
2024-07-08 03:00	5	5	5	5
2024-07-09 03:00	5	5	5	5
2024-07-10 03:00	5	5	5	5
2024-07-11 03:00	5	5	5	5
2024-07-12 03:00	5	5	5	5
2024-07-13 03:00	5	5	5	5
2024-07-14 03:00	5	5	5	5
2024-07-15 03:00	5	5	5	5
2024-07-16 03:00	5	5	5	5
2024-07-17 03:00	5	5	5	5
2024-07-18 03:00	5		5	5
2024-07-19 03:00	5	5	5	5
2024-07-20 03:00	5	5	5	5
2024-07-21 03:00	5	5	5	5
2024-07-22 03:00	5		5	5
2024-07-23 03:00	5	5	5	5
2024-07-24 03:00	5	5	5	
2024-07-25 03:00	5	5	5	
2024-07-26 03:00	5	5	5	5
2024-07-27 03:00	5	5	5	5
2024-07-28 03:00	5	10	5	5
2024-07-29 03:00	45	5	5	5
2024-07-30 03:00	40	5	5	5
2024-07-31 03:00		5	5	5
2024-08-01 03:00	60	5	5	5
2024-08-02 03:00	10	5		5
2024-08-03 03:00	15	10	5	5
2024-08-04 03:00	10	5		
2024-08-05 03:00			5	5
2024-08-06 03:00	10	5	5	5
2024-08-07 03:00	10	5	5	5
2024-08-08 03:00	10	5	5	5

O.Reg 88/22 s34: Fuel Gas

Date	Plant 2 Fuel Gas - Lab Sample (H2S - ppm)	Plant 3 (44T302) Fuel Gas - Lab Sample (H2S- ppm)	Plant 3 (32V14) Fuel Gas - Lab Sample (H2S- ppm)	Plant 4 Fuel Gas - Lab Sample (H2S- ppm)
2024-08-09 03:00	15	5	5	5
2024-08-10 03:00	5	5	5	5
2024-08-11 03:00	10	5	5	5
2024-08-12 03:00	10	5	5	5
2024-08-13 03:00	10	5	5	5
2024-08-14 03:00	5	5	5	5
2024-08-15 03:00	30	5	5	5
2024-08-16 03:00	10	5		
2024-08-17 03:00			5	5
2024-08-18 03:00	5	5	5	5
2024-08-19 03:00	5	5	5	5
2024-08-20 03:00	10	5	5	5
2024-08-21 03:00	10	5	5	5
2024-08-22 03:00	10	5	5	5
2024-08-23 03:00		5		
2024-08-24 03:00				
2024-08-25 03:00	10		5	5
2024-08-26 03:00	10	5	5	5
2024-08-27 03:00	10	5	5	5
2024-08-28 03:00	10	5	5	5
2024-08-29 03:00	50	5	5	5
2024-08-30 03:00	5	5	5	5
2024-08-31 03:00	5	5	5	5
2024-09-01 03:00	10	5	5	5
2024-09-02 03:00	10	5	5	5
2024-09-03 03:00	5	5	5	5
2024-09-04 03:00	10	5	5	5
2024-09-05 03:00	5	5	5	5
2024-09-06 03:00	5	5	5	5
2024-09-07 03:00	5	5	5	5
2024-09-08 03:00	5	5	5	5
2024-09-09 03:00	5	5	5	5
2024-09-10 03:00	5	5	5	5
2024-09-11 03:00	5	5	5	5
2024-09-12 03:00	5	5	5	5
2024-09-13 03:00	5	5	5	5
2024-09-14 03:00	5	5	5	5
2024-09-15 03:00	5	5	5	5
2024-09-16 03:00	5	5	5	5

O.Reg 88/22 s34: Fuel Gas

Date	Plant 2 Fuel Gas - Lab Sample (H2S - ppm)	Plant 3 (44T302) Fuel Gas - Lab Sample (H2S- ppm)	Plant 3 (32V14) Fuel Gas - Lab Sample (H2S- ppm)	Plant 4 Fuel Gas - Lab Sample (H2S- ppm)
2024-09-17 03:00	5	5	5	5
2024-09-18 03:00	5	5	5	5
2024-09-19 03:00	5	5	5	5
2024-09-20 03:00	5	5	5	5
2024-09-21 03:00	5	5	5	5
2024-09-22 03:00	5	5	5	5
2024-09-23 03:00	5	5	5	5
2024-09-24 03:00	5	10	5	5
2024-09-25 03:00	5	5	5	5
2024-09-26 03:00	10	5	5	5
2024-09-27 03:00	5	5	5	5
2024-09-28 03:00	5	5	5	5
2024-09-29 03:00	5	5	5	5
2024-09-30 03:00	5	5	5	5

O.Reg 88/22 s34: HCC and CO Boilers

Quantities from Stack Test Data

Date	HCC Disengager (SO2 - kg)	CO Boiler H110 (SO2 - kg)	CO Boiler H115 (SO2 - kg)
Q3 - July 1- Sept 30	22,241	3,013	4,631

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/1/2024	1.95	11.48	0.63	372.02	604.16	53.44	98.68
7/1/2024 1:00	1.41	10.13	0.6	362.12	587.43	53.25	98.71
7/1/2024 2:00	2.35	8.63	0.6	357.36	598.84	53.84	98.72
7/1/2024 3:00	1.36	9.4	0.59	341.23	623.63	54.63	98.71
7/1/2024 4:00	2.66	10.04	0.59	343.03	616.69	54.95	98.75
7/1/2024 5:00	3.79	10.62	0.6	343.55	617.17	54.57	98.81
7/1/2024 6:00	2.39	10.24	0.61	339.17	635.46	55.27	98.86
7/1/2024 7:00	1.93	11.49	0.63	363.03	613.21	55.86	98.88
7/1/2024 8:00	2.58	12.71	0.63	355.41	624.51	55.94	98.84
7/1/2024 9:00	1.47	12.66	0.6	354.12	595.54	56.07	98.86
7/1/2024 10:00	2.67	14.08	0.66	380.06	608.73	57.17	98.86
7/1/2024 11:00	2.13	13.25	0.68	395.51	610.3	57.67	98.87
7/1/2024 12:00	2.59	15.35	0.77	452.47	598.52	58.28	98.85
7/1/2024 13:00	3.54	17.77	0.8	476.55	590.34	59.02	98.82
7/1/2024 14:00	4.4	18.86	0.8	451.21	617.15	59.6	98.72
7/1/2024 15:00	4.56	24.45	0.85	446.47	640.92	59.92	98.68
7/1/2024 16:00	7.82	45.42	1.01	461.89	680.29	60.7	98.69
7/1/2024 17:00	11.23	59.77	1.09	469.76	685.67	61.71	98.64
7/1/2024 18:00	14.44	58.98	0.98	447.76	639.04	61.83	98.6
7/1/2024 19:00	10.24	49.1	0.89	408.71	651.82	61.81	98.61
7/1/2024 20:00	10.29	45.45	0.78	374.51	620.64	61.17	98.62
7/1/2024 21:00	8.68	43.68	0.82	378.37	654	61.19	98.63
7/1/2024 22:00	9.34	43.44	0.79	392.56	614.24	61.07	98.62
7/1/2024 23:00	5.97	34	0.7	357.48	617.53	59.86	98.59
7/2/2024	6.08	31.44	0.69	357.35	617.22	59.47	98.56
7/2/2024 1:00	3.83	25.42	0.64	352.26	594.59	58.99	98.56
7/2/2024 2:00	4.54	20.27	0.63	353.28	597.31	58.63	98.53
7/2/2024 3:00	2.36	17.38	0.64	351.91	623.89	57.85	98.52
7/2/2024 4:00	2.69	14.55	0.53	298.47	615.31	58.39	98.54
7/2/2024 5:00	2.63	14.83	0.57	315.25	624.16	57.82	98.53

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/2/2024 6:00	2.47	14.09	0.58	323.32	615.92	57.88	98.53
7/2/2024 7:00	1.8	12.85	0.57	323.06	623.56	57.49	98.55
7/2/2024 8:00	2.51	18.61	0.6	326.4	622.69	58.81	98.54
7/2/2024 9:00	5.31	23.28	0.66	343.86	631.29	59.07	98.5
7/2/2024 10:00	5.02	25.81	0.69	356.55	636.16	59.48	98.46
7/2/2024 11:00	5.19	26.92	0.73	393.22	611.02	60.12	98.43
7/2/2024 12:00	6.94	31.04	0.83	417.95	648.21	60.46	98.38
7/2/2024 13:00	8.01	37.94	0.85	408.92	644.47	61.57	98.33
7/2/2024 14:00	13.01	68.02	1.01	423.05	653.9	61.33	98.31
7/2/2024 15:00	15.47	69.89	1.02	404.44	687.63	61.8	98.27
7/2/2024 16:00	15.77	67.52	0.9	373.91	651.37	62.68	98.17
7/2/2024 17:00	13	59.79	0.88	375.41	657.31	62.41	98.07
7/2/2024 18:00	15.08	45.15	0.73	342.79	639.31	61.46	98
7/2/2024 19:00	26.22	31.86	0.41	229.25	618.24	61.1	97.91
7/2/2024 20:00	11.91	30.73	0.4	210.79	660.09	60.52	97.86
7/2/2024 21:00	14.17	37.52	0.64	297.19	630.13	60.42	97.91
7/2/2024 22:00	6.9	25.62	0.63	331.7	615.36	59.42	97.87
7/2/2024 23:00	5.66	26.39	0.67	322.89	672.17	59.57	97.8
7/3/2024	7.18	25.49	0.6	306.83	628.03	59.51	97.72
7/3/2024 1:00	3.64	36.68	0.67	330.52	624.68	58.82	97.65
7/3/2024 2:00	7.17	34.88	0.67	322.7	644.33	58.69	97.53
7/3/2024 3:00	4.58	30.03	0.65	324.18	636.54	58.68	97.55
7/3/2024 4:00	6.44	26.44	0.63	324.1	619.6	58.64	97.5
7/3/2024 5:00	3.74	28.9	0.67	336.38	647.24	59.29	97.49
7/3/2024 6:00	3.81	31.71	0.7	342.48	652.94	59.03	97.49
7/3/2024 7:00	5.06	34.15	0.61	341.54	617.12	59.67	97.51
7/3/2024 8:00	7.43	44.87	0.73	354.88	630.48	60.47	97.5
7/3/2024 9:00					637.79	61.3	97.49
7/3/2024 10:00	18.44	36.58	0.82	375.99	660.46	62.41	97.5
7/3/2024 11:00	5.51	29.37	0.74	358.25	668.81	63.33	97.53

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/3/2024 12:00	8.65	22.09	0.44	245.79	649.31	64.77	97.54
7/3/2024 13:00	35.01	45.17	0.51	211.75	628.14	64.86	97.57
7/3/2024 14:00	17.2	38.13	0.24	119.92	666.97	65.68	97.51
7/3/2024 15:00	23.27	21.14	0.21	108.28	666.78	65.54	97.51
7/3/2024 16:00	10.09	22.45	0.33	201.34	672.72	65.95	97.5
7/3/2024 17:00	33.18	40.99	0.21	71.86	627.86	66.39	97.49
7/3/2024 18:00	25.45	39.34	0.35	174.67	632.43	66.6	97.47
7/3/2024 19:00	10.83	20.14	0.26	144.93	685.46	66.73	97.51
7/3/2024 20:00	8.97	28.59	0.32	160.19	689.15	66.66	97.54
7/3/2024 21:00	7.13	18.85	0.57	294.78	675.35	65.83	97.6
7/3/2024 22:00	11.49	13.92	0.67	338.62	691.68	65.74	97.63
7/3/2024 23:00	16.31	26.29	0.59	337.63	582.27	65.5	97.66
7/4/2024	31.16	15.18	0.24	171.01	631.92	64.67	97.69
7/4/2024 1:00	13.82	26.93	0.47	241.46	620.26	64.31	97.69
7/4/2024 2:00	7.86	20.12	0.47	262.04	601.4	63.63	97.71
7/4/2024 3:00	5.59	11.53	0.44	261.62	613.82	63.59	97.66
7/4/2024 4:00	5.53	11.53	0.5	271.4	629.13	62.82	97.66
7/4/2024 5:00	5.79	12.2	0.48	280.26	597.85	62.81	97.67
7/4/2024 6:00	4.76	10.36	0.48	290.75	593.86	62.31	97.66
7/4/2024 7:00	7.08	14.48	0.55	286.75	658.79	62.85	97.63
7/4/2024 8:00	7.41	11.8	0.5	289.62	605.27	63.38	97.65
7/4/2024 9:00	7.24	16.82	0.56	319.6	614.35	64.69	97.67
7/4/2024 10:00	9.91	23.86	0.54	473.47	441.36	66.73	97.72
7/4/2024 11:00	9.39	15.72	0.02	481.3	11.61	74.34	97.73
7/4/2024 12:00	13.88	17.64	0.01	344.05	7.57	77.95	97.67
7/4/2024 13:00	14.43	26.22	0.51	285.09	613.83	73.37	97.64
7/4/2024 14:00	14.82	38.18	0.62	256.16	808.17	68.09	97.58
7/4/2024 15:00	22.48	33.5	0.5	212.77	744.19	67.7	97.47
7/4/2024 16:00	8.23	30.35	0.45	241.22	701.24	67.79	97.4
7/4/2024 17:00	45.3	40.9	0.47	190.79	634.63	67.93	97.42

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/4/2024 18:00	23.27	19.82	0.13	93.45	627.08	67.13	97.45
7/4/2024 19:00	20.88	32.91	0.19	65.24	625.93	66.57	97.44
7/4/2024 20:00	39.72	37.74	0.14	80.37	615.4	66.31	97.42
7/4/2024 21:00	22.86	36.78	0.4	197.94	616.51	66.28	97.42
7/4/2024 22:00	18.02	15.34	0.5	279.44	621.24	66.4	97.37
7/4/2024 23:00	11.74	14.92	0.51	306.58	579.67	65.68	97.35
7/5/2024	3.76	9.33	0.53	305.59	632.24	65.05	97.31
7/5/2024 1:00	5.88	21.52	0.51	286.12	602.69	64.39	97.28
7/5/2024 2:00	7.74	20.76	0.55	306.89	592.26	64.56	97.26
7/5/2024 3:00	6.82	15.78	0.48	278.8	600.21	64.59	97.28
7/5/2024 4:00	3.65	11.65	0.47	289.26	581.77	63.75	97.28
7/5/2024 5:00	3.9	11.9	0.46	269.85	609.03	63.86	97.33
7/5/2024 6:00	1.91	9.65	0.47	272.39	625.87	63.28	97.3
7/5/2024 7:00	10.7	19.42	0.54	292.68	605.21	64.33	97.25
7/5/2024 8:00	9.01	17.26	0.54	296.01	621.54	64.95	97.28
7/5/2024 9:00	7.8	20.84	0.56	297.31	630.07	65.92	97.31
7/5/2024 10:00	7.78	13.27	0.54	305.25	612.92	66.78	97.31
7/5/2024 11:00	6.52	15.79	0.53	326.18	565.77	66.52	97.32
7/5/2024 12:00	4.85	12.86	0.52	308.87	600.6	65.9	97.34
7/5/2024 13:00	2.85	15.37	0.52	319.34	594.14	65.85	97.32
7/5/2024 14:00	6.93	17.14	0.55	320.41	587.78	65.34	97.27
7/5/2024 15:00	3.77	15.71	0.53	314.09	587.04	63.78	97.17
7/5/2024 16:00	5.21	13.64	0.51	303.2	575.28	63.89	97.14
7/5/2024 17:00	10.32	8.76	0.47	276.8	613.75	63.99	97.12
7/5/2024 18:00	5.28	24.84	1.7	921.57	639.46	65.98	97.13
7/5/2024 19:00	14.71	46.22	5.85	2831.92	756.68	67.5	97.25
7/5/2024 20:00	20.5	47.06	5.38	2462.26	795.34	67.44	97.28
7/5/2024 21:00	5.57	37.84	5.33	2419.75	806.44	66.63	97.38
7/5/2024 22:00	6.41	43.31	5.58	2497.7	813.21	65.78	97.41
7/5/2024 23:00	12.49	42.41	5.86	2624.73	812.46	64.28	97.42

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/6/2024	9.38	42.83	5.21	2277.09	830.26	62.94	97.42
7/6/2024 1:00	9.09	37.06	5.31	2262.01	855.09	61.2	97.36
7/6/2024 2:00	9.64	37.91	5.69	2345.11	884.47	59.8	97.36
7/6/2024 3:00	8.89	40.23	6.2	2472.14	913.02	58.57	97.37
7/6/2024 4:00	8.43	43.3	6.49	2568.43	919.13	57.79	97.41
7/6/2024 5:00	10.74	39.58	6.72	2701.63	908.26	57	97.48
7/6/2024 6:00	10.22	43.92	6.83	2751	904.62	56.55	97.52
7/6/2024 7:00	8.62	50.35	6.89	2659.03	939.81	56.04	97.59
7/6/2024 8:00	14.13	57.77	6.83	2610.17	941.51	55.84	97.63
7/6/2024 9:00	11.7	50.53	6.63	2554.56	938.05	55.94	97.66
7/6/2024 10:00	18.75	50.55	7.35	2795.66	952.68	56.47	97.71
7/6/2024 11:00	14.44	50.45	1.71	2499.3	279.88	60.36	97.72
7/6/2024 12:00	36.26	50.49	0.02	796.98	108.86	67.57	97.69
7/6/2024 13:00	15.24	23.97	0.17	61.08	1138.34	60.15	97.73
7/6/2024 14:00	28.37	29.51	0.29	94.45	1015.49	58.4	97.76
7/6/2024 15:00	35.24	58.85	0.53	114.01	926.76	58.42	97.73
7/6/2024 16:00	20.11	40.72	0.25	53.24	903.19	58.6	97.72
7/6/2024 17:00	26.7	32.81	0.32	109.86	876.54	58.39	97.76
7/6/2024 18:00	18.43	35.5	2.8	1185.87	874.17	58.01	97.78
7/6/2024 19:00	14.01	38.85	6.62	2727.74	887.06	57.54	97.8
7/6/2024 20:00	7.47	40.23	7.05	2937.18	880.86	57.14	97.87
7/6/2024 21:00	8.05	42.04	6.62	2816	861.04	56.82	97.93
7/6/2024 22:00	10.06	39.41	6.65	2814.05	865.15	56.3	97.96
7/6/2024 23:00	10.34	43.05	6.2	2909.07	783.85	55.93	97.98
7/7/2024	14.61	41.15	1.17	2443.98	184.66	61.39	97.87
7/7/2024 1:00	10.18	28.67	0.96	1264.65	279.81	60.71	97.76
7/7/2024 2:00	11.86	23.97	0.04	1006.07	14.06	67.53	97.74
7/7/2024 3:00	10.34	22.98	1.36	857.63	563.88	58.19	97.73
7/7/2024 4:00	7.73	20.41	1.68	909.34	661.64	48.95	97.75
7/7/2024 5:00	10.86	23.08	2.23	1018.7	779.7	45.14	97.79

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/7/2024 6:00	8.51	26.61	2.57	1704.02	526.53	45.89	97.95
7/7/2024 7:00	10.21	26.54	0.09	1388.29	25.08	56.05	97.9
7/7/2024 8:00	10.31	28.43	2.77	1195.36	845.98	53.52	97.92
7/7/2024 9:00	9.79	30.31	5.86	1763.33	1220.1	46.62	98
7/7/2024 10:00	8.21	30.42	6.03	2162.49	1019.2	47.91	98.07
7/7/2024 11:00	8.55	32.97	5.48	3332.54	615.7	52.65	98.11
7/7/2024 12:00	9.63	35.42	7.66	3086.12	906.84	52.21	98.23
7/7/2024 13:00	10.43	42.75	7.15	2626.45	978.41	54.42	98.22
7/7/2024 14:00	22.88	52.33	4.47	2907.94	579.31	58.3	98.25
7/7/2024 15:00	34.34	47.67	6.24	2164.91	1039.33	56.87	98.3
7/7/2024 16:00	27.53	30.12	0.83	390.92	489.96	59.53	98.29
7/7/2024 17:00	21.56	22.88	0.09	302.46	566.06	63.16	98.08
7/7/2024 18:00	46.17	26.58	0.32	69.21	1100.46	59.6	98.12
7/7/2024 19:00	32.29	35.54	0.26	66.56	875.36	59.08	98.07
7/7/2024 20:00	31.29	40.64	0.25	70.98	808.53	59.31	97.99
7/7/2024 21:00	44.44	41.16	0.15	20.4	728.73	59.62	97.99
7/7/2024 22:00	22.76	19.62	0.11	72.59	628.61	59.94	97.98
7/7/2024 23:00	9.15	22.16	0.09	59.05	571.86	60.28	97.95
7/8/2024	60.65	51.81	0.27	68.26	571.77	60.25	97.95
7/8/2024 1:00	23.28	22.39	0.1	41.89	551.63	60.22	97.93
7/8/2024 2:00	16.24	48.13	0.11	34.98	552.37	60.36	97.92
7/8/2024 3:00	28.26	41.82	0.2	55.52	575.98	60.17	97.94
7/8/2024 4:00	28.19	19.28	0.08	36.86	548	60.74	97.95
7/8/2024 5:00	23.43	21.82	0.15	99.33	557.53	60.45	97.97
7/8/2024 6:00	24.96	19.18	0.05	39.48	556.23	60.59	97.99
7/8/2024 7:00	16.89	29.7	0.05	25.31	535.18	60.81	97.98
7/8/2024 8:00	20.55	47.22	0.13	26.77	556.04	61.16	97.97
7/8/2024 9:00	36.64	14.11	0.07	37.12	589.04	61.78	97.97
7/8/2024 10:00	27.88	20.86	0.08	40.11	617.94	62.75	97.98
7/8/2024 11:00	18.83	28.03	0.15	90.13	539.13	64.06	97.99

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/8/2024 12:00					563.14	65	97.96
7/8/2024 13:00						65.75	97.91
7/8/2024 14:00						72.55	97.93
7/8/2024 15:00					6.93	78.92	97.66
7/8/2024 16:00					22.51	81.71	97.52
7/8/2024 17:00					769.88	73.62	97.48
7/8/2024 18:00	9.21	33.29	5.55	1887.2	1068.91	65.18	97.51
7/8/2024 19:00	8.23	33.83	6.59	2028.31	1183.1	61.7	97.61
7/8/2024 20:00	6.66	26.76	4.38	1771.42	893	60.58	97.71
7/8/2024 21:00	5	16.27	2.02	992.76	732.72	60.43	97.74
7/8/2024 22:00	3.26	12.23	1.09	679.87	581.22	60.34	97.73
7/8/2024 23:00	2.87	11.77	0.84	564.72	541.82	60.29	97.74
7/9/2024	2.7	10.68	0.73	496.86	529	60.88	97.7
7/9/2024 1:00	1.82	10.36	0.66	455.53	522.78	61.23	97.66
7/9/2024 2:00	1.93	9.98	0.62	423.05	526.21	61.49	97.64
7/9/2024 3:00	2.71	9.08	0.58	401.17	520.73	61.61	97.62
7/9/2024 4:00	2.25	9.4	0.61	410.26	537.13	61.28	97.63
7/9/2024 5:00	1.74	10.27	0.58	391.39	532.84	61.61	97.66
7/9/2024 6:00	6.88	31.29	0.43	1730.12	317.21	66.21	97.76
7/9/2024 7:00	18.02	77.49	0.17	2145.29	23.14	71.09	97.77
7/9/2024 8:00	26.9	103.25	0	718.95	0	66.29	97.47
7/9/2024 9:00	30.86	110.35	0	772.06	0	60.71	97.49
7/9/2024 10:00	32.67	112.86	0	817.29	0	56.15	97.49
7/9/2024 11:00	32.58	116.13	0	890.08	0	53.45	97.47
7/9/2024 12:00	33.92	119.84	0	983.34	0	52.57	97.47
7/9/2024 13:00	34.25	120.56	0	830.44	0	51.27	97.47
7/9/2024 14:00	27.31	98.54	3.43	1252.01	813.57	53.25	97.47
7/9/2024 15:00	20.61	72.23	5.66	2074.91	945.28	52.08	97.68
7/9/2024 16:00	19.32	66.87	7.23	2700.03	932.1	52.92	97.67
7/9/2024 17:00	17.39	62.16	7.1	2728.98	929.19	53.37	97.75

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/9/2024 18:00	15.7	62.57	4.06	2173.66	695.4	54.58	97.76
7/9/2024 19:00	13.81	54.13	1.01	2125.79	196.33	62.43	97.58
7/9/2024 20:00	12.14	48.31	5.8	1846.06	1117.37	56.38	97.61
7/9/2024 21:00	12.91	52.99	5.78	2120.27	980.34	55.55	97.65
7/9/2024 22:00	12.94	52.55	7.82	3130.89	910.81	55.61	97.6
7/9/2024 23:00	12.84	53.86	9.29	3660.29	927.24	55.63	97.55
7/10/2024	13.58	57.18	7.73	2910.12	960.58	55.47	97.46
7/10/2024 1:00	12.92	55.55	6.35	2459.37	928.29	55.2	97.37
7/10/2024 2:00	11.69	50.14	6.48	2523.87	927.95	54.71	97.26
7/10/2024 3:00	10.22	44.99	6.25	2589.67	877.54	54.28	97.14
7/10/2024 4:00	12.15	55.01	6.44	2690.23	864.76	53.58	96.98
7/10/2024 5:00	12.13	48.96	4.87	2797.72	626.86	53.1	97
7/10/2024 6:00	11.02	42.09	0.12	2573.87	17.3	61.12	96.93
7/10/2024 7:00	8.15	30.95	0.03	1944.2	4.85	66.24	96.82
7/10/2024 8:00	5.99	19.62	0.01	1160.5	2.25	68.15	96.75
7/10/2024 9:00	3.01	8.95	0.01	506.86	3.9	68.59	96.71
7/10/2024 10:00	3.41	16.13	1.08	596.12	503.37	62.98	96.69
7/10/2024 11:00	5.02	18.29	1.19	661.69	644.57	55.24	96.68
7/10/2024 12:00	3.41	12.89	1.04	551.44	676	53.44	96.62
7/10/2024 13:00	3.3	8.98	0.67	408.23	591.54	52.61	96.59
7/10/2024 14:00	2.18	6.75	0.51	339.81	543.08	51.35	96.6
7/10/2024 15:00	1.67	6.97	0.49	355.23	503.68	51.57	96.67
7/10/2024 16:00	2.41	6.68	0.44	343.09	466.22	51.26	96.72
7/10/2024 17:00	2.23	7.26	0.44	334.04	476.04	50.93	96.82
7/10/2024 18:00	2.76	7.81	0.45	340.64	477.5	50.78	96.93
7/10/2024 19:00	2.66	7.45	0.43	321.59	475.24	50.47	97.02
7/10/2024 20:00	2.08	8.1	0.44	333.6	468.58	50.86	97.1
7/10/2024 21:00	1.86	8.67	0.43	323.77	471.25	50.29	97.21
7/10/2024 22:00	1.77	7.97	0.46	321.12	512.82	50.75	97.29
7/10/2024 23:00	2.3	8.43	0.47	321.02	520.6	51.57	97.37

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/11/2024	2.11	8.22	0.48	319.76	540.93	52.18	97.45
7/11/2024 1:00	1.55	6.77	0.48	317.87	546.36	53	97.51
7/11/2024 2:00	2.41	7.21	0.51	327.16	559.92	53.93	97.56
7/11/2024 3:00	2.19	7.09	0.5	316.63	568.26	54.86	97.61
7/11/2024 4:00	1.78	7.13	0.52	314.67	595.72	54.71	97.68
7/11/2024 5:00	2.65	9.07	0.48	306.56	552.81	54.92	97.77
7/11/2024 6:00	3.1	9.27	0.54	323.94	586.4	55.18	97.86
7/11/2024 7:00	1.75	9.67	0.52	320.39	581.96	56.04	97.89
7/11/2024 8:00	1.47	11.14	0.54	323.9	590.87	56.62	97.91
7/11/2024 9:00	4.31	13.04	0.56	323.6	595.58	57.19	97.95
7/11/2024 10:00	3.16	12.64	0.58	335.12	605.51	58.28	97.99
7/11/2024 11:00	4.3	12.85	0.56	333.98	583.96	58.1	98.06
7/11/2024 12:00	3.22	13.49	0.58	336.41	595.54	59.27	98.1
7/11/2024 13:00	12.13	46.46	2.34	1956.03	458.6	62.68	98.22
7/11/2024 14:00	15.68	65.75	5.63	2693.01	745.04	64.05	98.25
7/11/2024 15:00	16.38	64.27	5.37	2609.44	759.12	63.73	98.26
7/11/2024 16:00	24.86	112.94	6.91	2828	852.46	62.11	98.31
7/11/2024 17:00	23.34	90.26	6.35	3210.93	696.74	61.48	98.29
7/11/2024 18:00	22.68	93.75	8.26	3064.38	951.89	60.55	98.3
7/11/2024 19:00	25.13	99.01	7.93	3147.62	888.42	59.25	98.35
7/11/2024 20:00	20.36	72.22	7.94	3183.59	894.38	58.33	98.37
7/11/2024 21:00	16.21	57.31	7.93	3216.93	894.6	57.66	98.4
7/11/2024 22:00	13.32	51.35	7.95	3208.79	902.71	57.3	98.41
7/11/2024 23:00	12.17	49.36	7.89	3082.72	933.62	56.98	98.41
7/12/2024	12.07	48.42	8.12	3063.43	966.71	56.79	98.42
7/12/2024 1:00	10.89	41.38	2.96	2574.53	381.55	58.72	98.38
7/12/2024 2:00	9.25	33.09	0.01	2062.09	2.34	67.23	98.29
7/12/2024 3:00	6.61	24.95	0.03	1602.35	6.2	71.72	98.25
7/12/2024 4:00	3.84	15.47	0.02	1041.86	7.95	74.5	98.24
7/12/2024 5:00	2.28	10.02	0.22	445.02	159.04	73.88	98.27

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/12/2024 6:00	2.35	11.03	1.16	478.16	872.19	62.88	98.31
7/12/2024 7:00	1.1	8.47	0.84	379.8	807.93	60.85	98.36
7/12/2024 8:00	2.36	8.62	0.79	376.36	750.38	60.75	98.4
7/12/2024 9:00	1.81	8.99	0.68	393.61	622.04	61.29	98.4
7/12/2024 10:00	1.22	9.81	0.64	389.33	603.91	62.21	98.42
7/12/2024 11:00	2.03	10.55	0.63	392.85	572.62	62.85	98.42
7/12/2024 12:00	2.81	11.18	0.67	396.12	605.05	63.65	98.4
7/12/2024 13:00	4.49	13.18	0.7	451.02	550.99	64.92	98.36
7/12/2024 14:00	3.31	14.59	0.74	475.62	556.01	66.06	98.3
7/12/2024 15:00	5.53	22.53	0.87	513.14	586.62	67.02	98.29
7/12/2024 16:00	7.7	29.39	0.9	504.09	597.19	67.57	98.25
7/12/2024 17:00	8.78	40.1	0.87	469.92	589.57	68.07	98.24
7/12/2024 18:00	10.2	38.68	0.75	414.28	565.83	66.57	98.25
7/12/2024 19:00	10.06	36.85	0.75	399.67	583.95	67.12	98.28
7/12/2024 20:00	9.12	36.23	0.72	394.21	571.78	66.62	98.3
7/12/2024 21:00	8.32	32.38	0.64	369.53	545.14	65.59	98.35
7/12/2024 22:00	7.07	27.86	0.61	357.18	549.84	65.18	98.37
7/12/2024 23:00	5.5	23.32	0.55	340.5	532.26	64.52	98.37
7/13/2024	5.05	22.08	0.58	350.45	542.65	64.04	98.39
7/13/2024 1:00	3.94	19.4	0.57	351.77	542.43	63.54	98.37
7/13/2024 2:00	3.58	17.51	0.58	358.31	558.1	63.55	98.37
7/13/2024 3:00	2.74	15.1	0.56	353	553.39	63.67	98.39
7/13/2024 4:00	2.83	13.08	0.54	356.28	533.3	63.61	98.4
7/13/2024 5:00	3.66	12.84	0.52	334.53	545.74	63.51	98.42
7/13/2024 6:00	3.88	13.63	0.54	348.53	531.66	63.32	98.47
7/13/2024 7:00	2.71	12.32	0.54	346.56	544.08	63.68	98.5
7/13/2024 8:00	3.46	12.82	0.56	350.95	560.31	64.75	98.49
7/13/2024 9:00	2.57	13.32	0.59	369.51	562.66	65.61	98.48
7/13/2024 10:00	2.99	15.5	0.64	402.8	550.59	66.53	98.45
7/13/2024 11:00	3.95	16.61	0.6	375.63	555.65	67.39	98.44

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/13/2024 12:00	5.01	20.58	0.68	421.73	552.43	67.72	98.43
7/13/2024 13:00	5.15	25.53	0.74	437.06	565.87	69.33	98.39
7/13/2024 14:00	8.54	35.72	0.85	459.51	596.03	70.26	98.36
7/13/2024 15:00	10.28	42.46	0.8	452.64	559.71	70.81	98.33
7/13/2024 16:00	10.15	39.43	0.83	442.21	590.58	70.81	98.29
7/13/2024 17:00	9.53	35.99	0.81	420.37	607.83	71.05	98.26
7/13/2024 18:00	7.81	32.84	0.71	403.06	567.18	70.07	98.23
7/13/2024 19:00	7.73	30.62	0.68	389.57	563.19	70.4	98.23
7/13/2024 20:00	7.54	33.89	0.66	376.01	554.76	69.14	98.21
7/13/2024 21:00	7.37	34.62	0.62	361.71	533.25	67.76	98.18
7/13/2024 22:00	7.97	33.05	0.59	352.83	520.12	66.68	98.21
7/13/2024 23:00	8.11	28.63	0.56	338.99	522.61	65.36	98.2
7/14/2024	6.05	25.25	0.56	352.09	520.51	64.45	98.13
7/14/2024 1:00	5.97	22.27	0.51	334.02	506.76	63.52	98.04
7/14/2024 2:00	4.81	20.26	0.51	328.21	516.6	63.24	98.02
7/14/2024 3:00	4.58	20.68	0.56	348.22	544.09	63.1	97.99
7/14/2024 4:00	4.43	17.68	0.52	334.33	530.34	62.83	97.92
7/14/2024 5:00	3.58	16.3	0.53	340.03	528.8	62.36	97.92
7/14/2024 6:00	2.53	14.04	0.68	403.13	585.95	62.21	97.9
7/14/2024 7:00	3.4	17.73	0.98	715.74	493.61	63.21	97.94
7/14/2024 8:00	3.03	16	0.84	537.15	556.49	63.48	97.91
7/14/2024 9:00	3.86	18.2	0.71	441.88	561.98	63.05	97.86
7/14/2024 10:00	4.35	19.57	0.67	388.91	592.94	64.14	97.84
7/14/2024 11:00	4.3	18.89	0.65	385.99	576.17	65	97.77
7/14/2024 12:00	4.48	19.43	0.66	397.89	565.02	65.69	97.67
7/14/2024 13:00	5.17	22.28	0.7	419.56	563.98	66.38	97.61
7/14/2024 14:00	5.9	23.55	0.7	429.35	548.74	67.03	97.58
7/14/2024 15:00	6.54	25.09	0.68	427.11	537.58	67.08	97.56
7/14/2024 16:00	5.24	25.16	0.64	398.49	532.67	66.66	97.55
7/14/2024 17:00	5.86	24.67	0.63	384.89	544.99	67.11	97.51

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/14/2024 18:00	5.55	24.4	0.67	409.09	548.13	67.38	97.49
7/14/2024 19:00	4.75	21.44	0.62	384.09	541.63	67.22	97.47
7/14/2024 20:00	5.63	24.85	0.66	390.91	561.57	66.97	97.47
7/14/2024 21:00	6.69	29.12	0.7	401.41	571.79	66.37	97.47
7/14/2024 22:00	6.62	25.89	0.64	374.5	561.54	65.72	97.46
7/14/2024 23:00	5.7	21.86	0.57	352.65	538.1	65.6	97.5
7/15/2024	4.4	18.95	0.55	350.27	529.21	64.8	97.49
7/15/2024 1:00	3.41	16.78	0.57	363.47	536.21	64.78	97.41
7/15/2024 2:00	2.87	13.87	0.55	352.56	542.73	64.2	97.36
7/15/2024 3:00	3.24	13.09	0.55	361.66	535.23	63.67	97.31
7/15/2024 4:00	2.65	12.18	0.54	357.22	536.89	63.05	97.31
7/15/2024 5:00	2.27	11.83	0.48	334.22	508.41	62.68	97.33
7/15/2024 6:00	2.07	11.28	0.47	310.43	536.83	62.26	97.32
7/15/2024 7:00	2.71	10.66	0.41	294.38	485.5	60.92	97.36
7/15/2024 8:00	2.77	10.59	0.44	309.15	498.68	59.57	97.3
7/15/2024 9:00	2.44	11.01	0.48	339.29	492.98	58.8	97.24
7/15/2024 10:00	1.53	10.01	0.46	325.24	499.93	58.15	97.28
7/15/2024 11:00	2.32	12.17	0.49	347.25	497.3	58.52	97.36
7/15/2024 12:00	3.48	13.61	0.53	355.1	522.79	59.05	97.34
7/15/2024 13:00	3.54	14.46	0.58	385.9	522.7	60.5	97.36
7/15/2024 14:00	3.96	16.91	0.6	371.95	557.63	62.88	97.29
7/15/2024 15:00	4.54	18.87	0.72	422.21	586.35	64.8	97.22
7/15/2024 16:00	5.75	23.66	0.85	483.88	597.63	65.37	97.16
7/15/2024 17:00	6.58	25.57	0.88	472.69	628.1	66.38	97.15
7/15/2024 18:00	6.47	25.55	0.78	439.08	592.51	67.04	97.12
7/15/2024 19:00	6.54	28.39	0.76	424.72	592.16	66.8	97.07
7/15/2024 20:00	6.87	29.11	0.73	418.61	571.42	66.46	97.07
7/15/2024 21:00						65.63	97.11
7/15/2024 22:00						65.28	97.01
7/15/2024 23:00						64.59	97.05

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/16/2024						63.83	97.02
7/16/2024 1:00						64.04	96.89
7/16/2024 2:00						63.77	96.8
7/16/2024 3:00						63.02	96.76
7/16/2024 4:00						62.24	96.73
7/16/2024 5:00						61.92	96.52
7/16/2024 6:00						61.03	96.71
7/16/2024 7:00						65.15	96.96
7/16/2024 8:00						62.17	97.09
7/16/2024 9:00						61.55	97.15
7/16/2024 10:00						61.31	97.2
7/16/2024 11:00						61.27	97.22
7/16/2024 12:00						61.18	97.22
7/16/2024 13:00	32.09	105.68	9.18	3816.06	853.27	61.18	97.24
7/16/2024 14:00	27.67	89	8.56	3544.16	860.69	60.99	97.25
7/16/2024 15:00	18.67	63.84	6.49	2886.96	804.33	60.38	97.2
7/16/2024 16:00	12.02	46.31	4.25	1882.87	799.79	60.77	97.16
7/16/2024 17:00	23.04	90.6	8.66	3946.26	790.93	62.4	97.22
7/16/2024 18:00	24.88	99.53	9.57	4317.56	794.55	63.09	97.21
7/16/2024 19:00	29.01	109.95	9.94	4324.3	819.09	63.75	97.24
7/16/2024 20:00	25.57	98.41	6.86	3088.8	773.45	63.52	97.29
7/16/2024 21:00	24.86	97.32	6.13	2819.91	761.47	62.54	97.31
7/16/2024 22:00	26.56	96.94	8.17	3485.71	832.03	61.14	97.3
7/16/2024 23:00	21.64	73.87	8.69	3716.22	843.98	59.84	97.31
7/17/2024	19.62	63.29	8.88	3718.05	867.32	58.74	97.33
7/17/2024 1:00	16.88	56.51	8.67	3595.93	879.05	57.79	97.36
7/17/2024 2:00	16.94	49.04	8.86	3573.31	909.88	56.96	97.35
7/17/2024 3:00	14.29	40.5	6.98	2957.59	856.89	56.08	97.38
7/17/2024 4:00	10	30.58	4.15	1997.22	753.57	56.36	97.39
7/17/2024 5:00	6.99	23.51	2.55	1440.69	648.37	56.82	97.41

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/17/2024 6:00	9.02	26.16	3.33	1814.18	678.88	57.32	97.48
7/17/2024 7:00	11.18	29.08	3.8	2037.64	701.34	58.55	97.52
7/17/2024 8:00					582.69	59.59	97.52
7/17/2024 9:00	44.67	53.36	4.14	2200.48	656.64	61.01	97.5
7/17/2024 10:00	11.87	29.1	4.84	2907.6	613.36	62.27	97.52
7/17/2024 11:00	14.17	30.14	5.18	2927.67	649.46	63.2	97.54
7/17/2024 12:00	14.04	33.89	5.05	2983.4	619.21	64.54	97.53
7/17/2024 13:00	16.2	38.62	4.93	2969	607.01	65.91	97.46
7/17/2024 14:00	16.02	39.75	1.67	2723.58	239.57	68.36	97.44
7/17/2024 15:00	17.63	43.66	4.05	2807.86	518.94	67.83	97.5
7/17/2024 16:00	18.46	46.36	5.07	2586.31	710.33	64.62	97.55
7/17/2024 17:00	20.35	54.82	4.54	2712.98	601.22	63.69	97.58
7/17/2024 18:00	19.82	48.45	3.87	2759.22	511.39	63.56	97.66
7/17/2024 19:00	16.54	40.23	3.58	2226.04	581.55	62.66	97.71
7/17/2024 20:00	14.31	36.8	1.99	1598.17	449.03	62.27	97.74
7/17/2024 21:00	12.26	32.52	1.33	876.35	529.45	61.02	97.75
7/17/2024 22:00	12.08	34.24	1.04	639.35	547.42	60.15	97.78
7/17/2024 23:00	10.39	31.06	0.82	511.77	532.16	59.43	97.83
7/18/2024	8.88	27.61	0.68	455.05	492.9	59.13	97.86
7/18/2024 1:00	6.6	22.79	0.62	423.2	494.75	58.59	97.87
7/18/2024 2:00	5.63	20.46	0.59	415.5	479.49	57.8	97.87
7/18/2024 3:00	6.32	17.69	0.55	401.14	468.88	57.26	97.91
7/18/2024 4:00	4.81	15.41	0.55	384.25	498.18	56.9	97.97
7/18/2024 5:00	3.9	14.66	0.48	343	478.54	56.77	97.99
7/18/2024 6:00	2.53	13.48	0.47	354.26	469.69	57.01	98.07
7/18/2024 7:00	4.31	14.29	0.55	363.64	522.84	57.05	98.08
7/18/2024 8:00	3.62	14.63	0.56	370.04	528.09	57.36	98.1
7/18/2024 9:00	4.83	15.32	0.6	386.93	538.81	57.46	98.16
7/18/2024 10:00	4.33	15.28	0.64	432.23	521.49	57.29	98.2
7/18/2024 11:00	4.82	14.8	0.7	457.43	536.51	56.99	98.26

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/18/2024 12:00	5.33	13.69	0.69	448.48	540.08	57.33	98.26
7/18/2024 13:00	4.82	13.77	0.62	413.12	528.38	57.86	98.28
7/18/2024 14:00	5.11	18.72	0.73	435.12	579.92	57.78	98.29
7/18/2024 15:00	7.46	24.57	0.78	454.02	574.01	57.91	98.28
7/18/2024 16:00	9.86	25.42	0.74	435.55	565.75	58.37	98.28
7/18/2024 17:00	8.9	25.7	0.73	426.27	568.46	58.42	98.29
7/18/2024 18:00	7.4	23.05	0.69	418.57	555.22	59.05	98.3
7/18/2024 19:00	6.33	21.21	0.67	398.15	562.59	58.6	98.3
7/18/2024 20:00	7.12	23.41	0.7	412.98	564.35	58.69	98.31
7/18/2024 21:00	6.48	22.44	0.66	396.5	561.19	58.74	98.34
7/18/2024 22:00	5.73	19.27	0.61	374.11	553.82	58.76	98.35
7/18/2024 23:00	5.05	15.56	0.59	346.67	583.58	59.08	98.37
7/19/2024	3.38	13.41	0.59	374.47	554.43	58.88	98.41
7/19/2024 1:00	3.36	11.99	0.54	338.55	561.1	58.96	98.4
7/19/2024 2:00	3.6	11.96	0.51	327.3	540.35	58.46	98.4
7/19/2024 3:00	3.27	10.99	0.56	338.11	584.36	58.23	98.4
7/19/2024 4:00	2.68	10.59	0.53	342.21	547.98	58.06	98.41
7/19/2024 5:00	2.58	10.59	0.55	348.86	554.08	58.33	98.44
7/19/2024 6:00	2.68	9.83	0.54	341.95	561.02	58.23	98.49
7/19/2024 7:00	2.61	11.49	0.58	358.05	574.4	59.63	98.52
7/19/2024 8:00	4.33	15.08	0.64	372.49	595.6	60.7	98.54
7/19/2024 9:00	5.7	17.71	0.68	402.96	580.78	61.7	98.5
7/19/2024 10:00	6.37	21.14	0.87	462.23	644.15	62.31	98.49
7/19/2024 11:00	10.79	32.3	0.99	544.05	607.44	63.38	98.51
7/19/2024 12:00	15.1	45.15	1.08	539.99	628.33	64.41	98.48
7/19/2024 13:00	16.68	48.48	1.06	520.92	625.75	65.17	98.44
7/19/2024 14:00	18.31	50.85	1.1	538.08	630.05	66.46	98.38
7/19/2024 15:00	17.44	50.41	1.08	535.78	621.26	67.05	98.35
7/19/2024 16:00	19.71	59.5	1.08	544.08	613.37	67.57	98.33
7/19/2024 17:00	24.4	73.39	1.23	538.78	650.44	67.91	98.3

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/19/2024 18:00	23	66	1.09	486.29	641.91	67.14	98.3
7/19/2024 19:00	19.97	60.18	0.98	460.93	623.18	66.56	98.31
7/19/2024 20:00	18.55	54.1	1	441.76	667.89	66.03	98.32
7/19/2024 21:00	18.63	53.96	0.92	421.88	634.68	65.82	98.36
7/19/2024 22:00	19.46	57.01	0.74	399.38	526.24	64.75	98.36
7/19/2024 23:00	18.33	55.24	0.77	408.45	543.66	63.6	98.37
7/20/2024	14.84	45.55	0.67	363.59	537.47	62.97	98.34
7/20/2024 1:00	13.42	41.93	0.62	363.65	511.08	62.75	98.29
7/20/2024 2:00	12.08	41.2	0.68	386.25	535.64	62.25	98.25
7/20/2024 3:00	11.21	36.52	0.62	366.07	519.91	61.86	98.24
7/20/2024 4:00	10.22	32.29	0.6	369.32	512	61.55	98.26
7/20/2024 5:00	8.49	28.18	0.53	335.72	501.04	61.22	98.27
7/20/2024 6:00	7.5	24.74	0.54	332.82	520.52	61.23	98.28
7/20/2024 7:00	6.88	24.78	0.62	360.7	560.97	61.72	98.29
7/20/2024 8:00	8.32	28.39	0.73	405.35	587.08	62.95	98.31
7/20/2024 9:00	8.69	28.29	0.8	433.12	608.35	63.68	98.29
7/20/2024 10:00	7.47	25.27	0.81	454.67	597.83	64.28	98.25
7/20/2024 11:00	8.66	27.14	0.91	506.37	602.03	65.16	98.28
7/20/2024 12:00	9.8	27.37	0.87	486.02	593.24	66.35	98.24
7/20/2024 13:00	12.01	39.26	1.01	528.13	619.05	67.32	98.22
7/20/2024 14:00	18.22	58.49	1.12	551.62	614.55	68.04	98.2
7/20/2024 15:00	22.11	63.04	1.08	524.34	608.65	68.28	98.19
7/20/2024 16:00	21.86	63.94	1.12	515.42	634.82	68.54	98.14
7/20/2024 17:00	22.38	64.43	1.11	506.72	643.66	68.61	98.13
7/20/2024 18:00	21.47	62.84	1.01	480.28	612.26	68.18	98.15
7/20/2024 19:00	19.24	53.08	0.96	444.79	635.35	67.89	98.16
7/20/2024 20:00	17.5	52.43	1.02	458.16	669.4	66.82	98.19
7/20/2024 21:00	16.03	48.07	0.89	431.59	613.06	66.04	98.22
7/20/2024 22:00	16.68	48.68	0.89	438.23	609.61	65.11	98.21
7/20/2024 23:00	16.84	47.73	0.78	424.29	553.08	64.54	98.18

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/21/2024	14.46	43.68	0.72	404.12	536.12	63.73	98.18
7/21/2024 1:00	12.4	37.38	0.7	403.76	538.37	63.29	98.14
7/21/2024 2:00	10.83	35.48	0.7	397.39	554.06	63.07	98.12
7/21/2024 3:00	10.2	35.26	0.71	419.48	533.05	62.1	98.12
7/21/2024 4:00	9.45	31.75	0.64	401.97	510.68	61.79	98.14
7/21/2024 5:00	8.37	27.77	0.64	396.47	527.24	61.61	98.15
7/21/2024 6:00	6.63	23.36	0.63	379.59	548.73	61.82	98.18
7/21/2024 7:00	7.73	26.88	0.73	407.37	590.06	62.45	98.22
7/21/2024 8:00	8.09	28.88	0.78	441.28	585.71	62.8	98.22
7/21/2024 9:00	8.05	26.48	0.74	428.65	572.26	63.01	98.21
7/21/2024 10:00	8.61	25.62	0.81	458.29	593.21	63.32	98.21
7/21/2024 11:00	7.55	24.09	0.78	444.56	589.16	64.03	98.2
7/21/2024 12:00	8.95	27.01	0.72	467.65	510.67	64.62	98.19
7/21/2024 13:00	11.65	33.63	0.9	485.55	602.33	65.25	98.2
7/21/2024 14:00	15.98	48.48	0.92	513.67	558.54	65.38	98.22
7/21/2024 15:00	17.14	53.51	0.88	499.34	537.41	64.98	98.2
7/21/2024 16:00	15.09	45.73	0.75	448.27	512.74	64.57	98.21
7/21/2024 17:00	13.75	40.78	0.78	446.61	541.16	63.76	98.19
7/21/2024 18:00	13.18	37.1	0.76	442.59	539.92	62.89	98.17
7/21/2024 19:00	14.39	45.44	0.87	476.8	566.57	62.57	98.18
7/21/2024 20:00	17.09	53.15	0.87	492.67	534.82	61.36	98.21
7/21/2024 21:00	15.55	46.63	0.74	452.2	496.37	62.01	98.25
7/21/2024 22:00	12.59	38.26	0.67	422.23	498.17	60.96	98.24
7/21/2024 23:00	9.26	31.56	0.62	411.9	487.33	60.89	98.23
7/22/2024	8.63	27.23	0.62	406.49	498.31	60.66	98.2
7/22/2024 1:00	7.42	24.95	0.63	408.48	511.75	60.07	98.16
7/22/2024 2:00	6.64	20.31	0.61	390	527.34	59.95	98.09
7/22/2024 3:00	5.06	19.38	0.59	401.9	503.96	60.78	98.07
7/22/2024 4:00	5.47	19.58	0.68	418.66	558.86	60.83	98.06
7/22/2024 5:00	6.27	23.45	0.78	438.42	604.31	60.9	98.06

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/22/2024 6:00	7.93	22.95	0.73	439.79	563.18	60.81	98.08
7/22/2024 7:00	8.08	25.57	0.83	445.19	619.94	61.5	98.09
7/22/2024 8:00	9.96	33.36	0.89	498.28	590.9	62.01	98.1
7/22/2024 9:00	10.92	32.62	0.93	497.84	612.39	62.49	98.06
7/22/2024 10:00	11.47	31.45	0.87	486.44	588.28	63.4	98.07
7/22/2024 11:00	11.62	33.85	0.96	512.88	615.1	64.67	98.03
7/22/2024 12:00	14.8	39.85	1	552.41	586.19	64.9	98
7/22/2024 13:00	18.06	52.3	1.11	562.68	611.82	65.23	98
7/22/2024 14:00	23.06	69.76	1.05	567.76	543.22	65.9	98
7/22/2024 15:00	23.6	69.96	1.09	550.04	581.61	65.01	97.96
7/22/2024 16:00	21.07	59.22	0.92	510.1	536.68	64.93	97.93
7/22/2024 17:00	17.77	49.86	0.87	479.08	547.79	64.87	97.92
7/22/2024 18:00	15.05	42.58	0.83	452.75	567.46	64.63	97.91
7/22/2024 19:00	12.92	39.94	0.84	431.35	611.2	64.71	97.89
7/22/2024 20:00	17.21	52.63	0.87	462.1	558.76	65.01	97.91
7/22/2024 21:00	15.25	47.53	0.84	450.01	566.93	64.15	97.96
7/22/2024 22:00	11.86	40.36	0.73	435.43	519.22	64.23	97.97
7/22/2024 23:00	10.28	32.68	0.71	409.87	552.22	63.53	97.96
7/23/2024	9.95	34.49	0.73	423.34	554.17	63.23	97.95
7/23/2024 1:00	9.43	32.59	0.67	422.75	508.37	63.23	97.94
7/23/2024 2:00	7.08	28.05	0.63	396.2	519.27	62.89	97.92
7/23/2024 3:00	5.67	20.99	0.57	388.75	493.28	62.5	97.94
7/23/2024 4:00	4.47	16.95	0.54	382.67	487.43	62.83	97.93
7/23/2024 5:00	3.5	13.54	0.51	368.99	487.77	62.75	97.94
7/23/2024 6:00	3.67	13.11	0.54	371.41	507.08	62.59	97.99
7/23/2024 7:00	4.58	19.06	0.64	407.2	542.4	62.73	98.04
7/23/2024 8:00	5.24	22.05	0.67	437.19	516.79	63.23	98.07
7/23/2024 9:00	5.92	21.01	0.65	432.75	513.04	63.51	98.07
7/23/2024 10:00	6.33	20.71	0.64	445.57	493.73	64.74	98.05
7/23/2024 11:00	6.26	21.47	0.65	457.25	488.36	65.24	98.05

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/23/2024 12:00	7.32	24.27	0.7	480.73	495.84	65.37	98.03
7/23/2024 13:00	9.54	33.33	0.85	512.48	540.44	66.36	98
7/23/2024 14:00	14.08	50.81	1	582.31	544.53	66.98	97.93
7/23/2024 15:00	15.02	48.03	0.8	493.78	503.66	66.85	97.93
7/23/2024 16:00	12.62	45.19	0.77	463.28	517.29	66.94	97.96
7/23/2024 17:00	13.17	41.77	0.76	475.96	497.85	66.65	97.95
7/23/2024 18:00	10.64	35.29	0.69	445.44	490.27	66.18	97.92
7/23/2024 19:00	11.95	39.31	0.8	463.52	543.05	65.16	97.94
7/23/2024 20:00	13.89	49.25	0.86	501.75	530.8	64.6	97.99
7/23/2024 21:00	13.67	50.53	0.77	492.9	480.05	64.16	98.06
7/23/2024 22:00	12.59	42.41	0.69	446.39	481.55	62.67	98.01
7/23/2024 23:00	10.85	35.86	0.65	439.15	468.94	61.92	97.97
7/24/2024	9.28	33.65	0.69	430.01	513.44	61.01	97.93
7/24/2024 1:00	7.55	29.58	0.63	423.49	483.19	61.31	97.9
7/24/2024 2:00	7.2	25.18	0.59	410.47	475.39	61	97.84
7/24/2024 3:00	5.39	20.59	0.57	405.55	472.57	60.41	97.83
7/24/2024 4:00	4.73	17.56	0.57	424.69	462.82	60.9	97.83
7/24/2024 5:00	3.61	13.74	0.54	397.1	475.15	61.06	97.87
7/24/2024 6:00	2.71	12.44	0.55	393.24	496.38	60.96	97.9
7/24/2024 7:00	2.9	15.11	0.56	393.54	514.42	60.69	97.96
7/24/2024 8:00					519.83	60.75	98.01
7/24/2024 9:00	4.98	18.82	0.6	426.24	487.83	61.02	98.05
7/24/2024 10:00	4.92	17.54	0.6	418.5	493.93	61.31	98.04
7/24/2024 11:00	4.58	17.54	0.64	435.45	511.14	61.83	98.05
7/24/2024 12:00	5.13	18	0.65	435.56	513.57	62.1	98.04
7/24/2024 13:00	5.31	22.34	0.68	438.73	530.7	62.99	98.02
7/24/2024 14:00	8.03	31.37	0.77	481.81	525.22	63.27	98.05
7/24/2024 15:00	8.82	35.26	0.74	476.91	500.55	62.93	98.09
7/24/2024 16:00	9.29	35.6	0.79	454.13	553.11	61.9	98.12
7/24/2024 17:00	12.08	43.5	0.74	468.02	495.15	61.47	98.13

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/24/2024 18:00	11.23	39.75	0.7	443.18	497.23	61.35	98.18
7/24/2024 19:00	9.38	32.48	0.6	416.18	466.5	60.41	98.21
7/24/2024 20:00	7.06	28.48	0.59	391.86	487.51	60.12	98.25
7/24/2024 21:00	6.19	24.26	0.58	386.46	499.01	59.94	98.3
7/24/2024 22:00	5.16	18.32	0.52	370.47	469.03	59.8	98.31
7/24/2024 23:00	4.86	16.56	0.53	377.08	482.92	59.58	98.34
7/25/2024	3.22	16.45	0.54	379.9	494.88	60.02	98.36
7/25/2024 1:00	4.63	14.83	0.5	371.38	464.71	60.62	98.34
7/25/2024 2:00	3.79	12.65	0.53	377.49	496.46	60.04	98.35
7/25/2024 3:00	1.87	10.26	0.49	374.95	466.94	59.97	98.35
7/25/2024 4:00	2.47	9.68	0.52	394.55	474.04	59.65	98.38
7/25/2024 5:00	2.31	9.43	0.48	368.35	469.64	59.89	98.42
7/25/2024 6:00	2.35	8.65	0.46	362.38	462.9	60.62	98.46
7/25/2024 7:00	2.38	10.26	0.46	363.03	455.44	60.03	98.48
7/25/2024 8:00	2.33	9.65	0.47	374.2	452.67	59.81	98.52
7/25/2024 9:00	3.17	9.15	0.48	383.69	445.81	60.12	98.49
7/25/2024 10:00	2.83	9.06	0.5	402.82	445.06	59.91	98.5
7/25/2024 11:00	2.26	9.55	0.53	407.93	468.19	59.95	98.54
7/25/2024 12:00	2.86	11.01	0.53	426.65	440.34	60.54	98.54
7/25/2024 13:00	2.93	12.54	0.56	439.56	450.76	61.38	98.51
7/25/2024 14:00	2.72	14.18	0.56	439.57	450.61	61.91	98.49
7/25/2024 15:00	5.29	20.85	0.62	456.91	462.95	62.24	98.49
7/25/2024 16:00	7.74	27.8	0.71	484.63	488.04	62.14	98.45
7/25/2024 17:00	9.06	33.05	0.69	472.58	476.66	62.49	98.47
7/25/2024 18:00	8.8	31.65	0.57	444.84	417.95	62.91	98.48
7/25/2024 19:00	7.18	26.27	0.56	413.29	443.99	62.39	98.49
7/25/2024 20:00	6.29	22.73	0.55	393.2	464.76	60.44	98.51
7/25/2024 21:00	5.44	19.57	0.53	402.23	448.16	61.13	98.55
7/25/2024 22:00	4.62	16.6	0.51	390.11	450.96	61.32	98.57
7/25/2024 23:00	3.59	12.5	0.43	352.34	431.24	61.82	98.57

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/26/2024	2.56	12.67	0.41	365.6	399.3	62.51	98.56
7/26/2024 1:00	3.19	13.16	0.46	359.81	445.66	62.02	98.56
7/26/2024 2:00	2.9	11.73	0.41	351.82	418.39	62.25	98.58
7/26/2024 3:00	3.12	11.19	0.43	352.37	436.67	62.01	98.6
7/26/2024 4:00	2.44	9.91	0.43	341.35	445.95	61.93	98.63
7/26/2024 5:00	1.49	8.58	0.43	336.33	453.49	61.49	98.66
7/26/2024 6:00	1.56	7.9	0.38	339.14	404.03	61.7	98.68
7/26/2024 7:00	2.13	8.48	0.39	337.41	412.77	62.12	98.68
7/26/2024 8:00	2.68	10.08	0.42	342.27	441.44	63.44	98.67
7/26/2024 9:00	2.05	10.65	0.43	355.34	434.54	63.88	98.65
7/26/2024 10:00	2.56	10.2	0.46	372.02	437.31	63.67	98.64
7/26/2024 11:00	2.78	11.56	0.42	380.53	393.51	64.04	98.6
7/26/2024 12:00	2.38	12.75	0.51	388.34	457.1	64.57	98.54
7/26/2024 13:00	3.63	15.68	0.54	426.22	438.5	64.6	98.55
7/26/2024 14:00	4.19	19.1	0.58	419.59	470.91	64.3	98.49
7/26/2024 15:00	5.44	23.27	0.54	422.45	429.98	64.27	98.45
7/26/2024 16:00	8.46	29.98	0.64	454.7	461.15	63.64	98.45
7/26/2024 17:00	8.82	33.3	0.58	446.14	421.27	63.61	98.44
7/26/2024 18:00	7.76	28.7	0.49	403.66	398.5	64.16	98.42
7/26/2024 19:00	6.92	26.49	0.48	373.14	420.64	64.03	98.41
7/26/2024 20:00	6.62	26.65	0.5	368.96	443.06	63.23	98.41
7/26/2024 21:00	5.71	24.84	0.51	390.19	432.34	63.22	98.44
7/26/2024 22:00	6.01	21.07	0.44	372.27	400.53	63.73	98.44
7/26/2024 23:00	4.12	16.77	0.39	351.8	379.44	64.46	98.43
7/27/2024	2.82	13.16	0.38	339.35	381.51	64.06	98.42
7/27/2024 1:00	2.77	11.27	0.35	350.99	357.84	63.93	98.4
7/27/2024 2:00	2.27	11.66	0.38	348.55	393.49	63.44	98.38
7/27/2024 3:00	2.1	11.5	0.4	367.39	390.11	63.45	98.36
7/27/2024 4:00	2.79	10.27	0.37	352.38	376.16	63.14	98.39
7/27/2024 5:00	3.03	9.52	0.34	337.44	356.49	63.08	98.45

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/27/2024 6:00	2.31	8.79	0.36	342.63	378.45	63.28	98.48
7/27/2024 7:00	2.35	9.11	0.38	348.18	390.06	63.99	98.5
7/27/2024 8:00	2.6	11.5	0.4	350.86	406.81	64.63	98.51
7/27/2024 9:00	2.1	12.42	0.41	350.57	410.79	65.29	98.5
7/27/2024 10:00	2.97	13.53	0.49	390.2	447.84	66.27	98.49
7/27/2024 11:00	3.49	14.28	0.42	396.38	375.93	67.54	98.47
7/27/2024 12:00	3.91	16.47	0.45	426.63	364	67.9	98.44
7/27/2024 13:00	4.72	19.33	0.51	455.59	386.86	68.76	98.4
7/27/2024 14:00	4.95	22.55	0.6	443.49	460.79	68.44	98.35
7/27/2024 15:00	6.28	23.48	0.57	407.49	468.96	68.57	98.25
7/27/2024 16:00	5.78	25	0.57	395.02	479.17	68.73	98.24
7/27/2024 17:00	7.18	31.74	0.59	400.28	475.15	68.8	98.25
7/27/2024 18:00	8.24	35.38	0.59	400.82	460.13	68.22	98.2
7/27/2024 19:00	8.79	33.87	0.51	369.12	432.72	68.04	98.19
7/27/2024 20:00	8.56	37.16	0.5	359.79	421.89	67.93	98.19
7/27/2024 21:00	9.37	40.55	0.52	384.18	415.53	67.23	98.23
7/27/2024 22:00	9.23	33.74	0.47	360.14	403.57	66.37	98.25
7/27/2024 23:00	6.39	24.98	0.43	340.74	405.04	65.51	98.29
7/28/2024	5.09	20.23	0.34	331.43	334.61	65.77	98.28
7/28/2024 1:00	4.04	17.25	0.3	339.1	307.23	66.44	98.28
7/28/2024 2:00	4.18	15.06	0.32	362.07	307.67	66.21	98.29
7/28/2024 3:00	2.98	12.44	0.31	355.57	304.73	66.54	98.26
7/28/2024 4:00	2.76	12.02	0.33	368.96	319.44	65.18	98.24
7/28/2024 5:00	3.92	16.67	0.3	691.76	287.41	66.43	98.25
7/28/2024 6:00	10.77	42.99	0.08	2639.13	13.49	74.11	98.34
7/28/2024 7:00	9.31	33.59	0.15	2013.27	25.25	78.68	98.31
7/28/2024 8:00	5.63	24.28	0.03	1295.09	8.83	81.1	98.27
7/28/2024 9:00	3.81	18.3	0.03	575.77	18.21	81.5	98.2
7/28/2024 10:00	4.44	17.31	0.01	387.49	11.59	80.68	98.17
7/28/2024 11:00	4.55	20.05	0.24	439.48	168.43	78.47	98.18

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/28/2024 12:00	5.77	26.26	0.75	491.53	512.84	71.09	98.13
7/28/2024 13:00	7.2	28.5	0.81	465.91	571.99	68.64	98.09
7/28/2024 14:00	7.18	28.56	0.75	437.56	563.13	68.44	98.01
7/28/2024 15:00	7.13	28.07	0.69	450.92	509.91	68.69	97.93
7/28/2024 16:00	6.28	28.21	0.65	454.38	479.34	69.29	97.88
7/28/2024 17:00	6.64	24.73	0.56	415.59	443.76	69.77	97.87
7/28/2024 18:00	6.93	26.95	0.59	434.14	447.34	69.31	97.86
7/28/2024 19:00	5.6	24.94	0.53	409.14	436.64	69.03	97.85
7/28/2024 20:00	6.57	25.77	0.5	390.22	417.94	68.28	97.82
7/28/2024 21:00	6.67	25.73	0.48	395.06	400.99	67.33	97.83
7/28/2024 22:00	5.71	23.36	0.38	377.69	332.48	66.7	97.82
7/28/2024 23:00	4.96	22.9	0.29	378.75	253.39	66.91	97.82
7/29/2024	5.95	22.77	0.34	398.31	286.71	66.6	97.84
7/29/2024 1:00	5.23	18.63	0.39	381.36	345.77	65.73	97.81
7/29/2024 2:00	3.43	14.92	0.33	371.67	310.88	65.75	97.74
7/29/2024 3:00	3.15	13.65	0.42	389	377.7	64.37	97.69
7/29/2024 4:00	3.51	13.29	0.4	382.45	366.03	64.94	97.67
7/29/2024 5:00	3.24	14.12	0.33	386.77	302.58	65.66	97.67
7/29/2024 6:00	2.57	14.58	0.4	393.82	362.41	65.97	97.71
7/29/2024 7:00	3.51	15.18	0.31	390.95	278.63	66.56	97.73
7/29/2024 8:00	3.32	13.2	0.34	379.52	318.12	66.67	97.71
7/29/2024 9:00	3.01	13.27	0.38	382.67	344.85	67.23	97.74
7/29/2024 10:00	3.96	15.19	0.45	416.08	379.18	67.18	97.73
7/29/2024 11:00	4.62	19.26	0.44	439.54	345.34	68.2	97.72
7/29/2024 12:00	5.17	25.92	0.53	457.4	389.99	67.48	97.66
7/29/2024 13:00	5.81	24.77	0.59	415.02	472.53	66.68	97.59
7/29/2024 14:00	5.05	24.18	0.52	431.45	404.56	67.7	97.53
7/29/2024 15:00	5.89	21.52	0.49	393.01	417.1	67.87	97.48
7/29/2024 16:00	6.56	25.08	0.49	393.66	408.73	66.82	97.42
7/29/2024 17:00	6.98	26.92	0.4	393.77	339.28	67.54	97.37

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/29/2024 18:00	7.5	28.46	0.41	407.78	331.48	67.53	97.36
7/29/2024 19:00	7.41	27.91	0.39	391.71	324.24	66.46	97.33
7/29/2024 20:00	6.71	26.94	0.45	400.8	373.79	65.96	97.32
7/29/2024 21:00	6.54	23.26	0.42	377.27	369.75	64.65	97.31
7/29/2024 22:00	4.65	19.92	0.4	375.17	358.43	63.84	97.25
7/29/2024 23:00	4.88	18.65	0.39	365.34	365.26	64	97.22
7/30/2024	3.96	17.96	0.32	366.51	293.46	64.15	97.17
7/30/2024 1:00	3.48	15.87	0.37	363.82	354.26	63.33	97.12
7/30/2024 2:00	3	14.56	0.29	354.9	292.03	63.05	97.07
7/30/2024 3:00	3.4	13.34	0.28	353.21	276.93	64.06	97.05
7/30/2024 4:00	2.41	12.27	0.27	340.59	279.79	64.4	97.08
7/30/2024 5:00	3.56	14.65	0.31	374.33	294.3	63.29	97.07
7/30/2024 6:00	2.99	14.89	0.35	369.87	331.58	63.92	97.1
7/30/2024 7:00	3.61	14.37	0.35	370.92	329.45	63.83	97.14
7/30/2024 8:00	4.35	17.53	0.78	583.04	449.72	64.24	97.14
7/30/2024 9:00	6.74	25.62	0.11	1279.71	32.93	69.45	97.11
7/30/2024 10:00	5.63	21.96	0.06	1007.08	20.68	75.5	97.07
7/30/2024 11:00	3.97	17.34	0.04	533.9	27.01	77.28	97.12
7/30/2024 12:00	4.48	17.68	0.2	443.14	153.75	75.98	97.1
7/30/2024 13:00	4.57	17.14	0.52	416.61	429.45	69.77	97.1
7/30/2024 14:00	5.16	23.79	0.62	435.65	478.29	66.52	97.08
7/30/2024 15:00	4.99	24.3	0.59	393.49	494.8	65.14	97.08
7/30/2024 16:00	7.41	26.96	0.51	381.79	435.87	64.4	97.04
7/30/2024 17:00	5.69	26.26	0.44	366.86	390.86	63.16	97.04
7/30/2024 18:00	6.33	24.19	0.44	378.77	385.86	63.72	97.05
7/30/2024 19:00	9.15	31.15	1.01	1024.95	401.6	64.59	97.14
7/30/2024 20:00	10.5	37.03	0.03	1379.89	8.89	72.71	97.23
7/30/2024 21:00	10.26	43.13	0.04	1249.33	9.86	77.05	97.38
7/30/2024 22:00	9.07	36.97	0.05	970.96	19.35	80.67	97.34
7/30/2024 23:00	6.64	26.04	0.04	639.09	19.83	82.69	97.33

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/31/2024	4.79	15.28	0.03	374.36	23.91	81.89	97.32
7/31/2024 1:00	4.79	16	0.28	396.43	236.98	76.84	97.32
7/31/2024 2:00	3.95	15.99	0.45	388.39	399.37	68.85	97.33
7/31/2024 3:00	2.92	14.65	0.53	366.49	499.81	65.21	97.37
7/31/2024 4:00	4.69	15.84	0.54	372.39	503.96	63.39	97.42
7/31/2024 5:00	4.07	17.33	0.52	367.92	485.36	62.43	97.47
7/31/2024 6:00	4.77	16.82	0.51	376.95	463.35	62.2	97.49
7/31/2024 7:00	3.34	17.89	0.53	382.2	457.82	62.75	97.52
7/31/2024 8:00					413.21	63.78	97.57
7/31/2024 9:00					320.65	65.4	97.62
7/31/2024 10:00					281.91	68.41	97.59
7/31/2024 11:00					350.56	68.78	97.56
7/31/2024 12:00	9.77	37.1	0.5		343.94	69.31	97.59
7/31/2024 13:00	13.84	29.89	0.47		367.01	70.25	97.63
7/31/2024 14:00	16.31	42.13	0.38		290.22	71.3	97.6
7/31/2024 15:00	28.63	36.03	0.4		414.52	72.19	97.57
7/31/2024 16:00	33.26	30.16	0.39		434.88	71.91	97.55
7/31/2024 17:00	26.16	32.3	0.28		370.54	71.94	97.54
7/31/2024 18:00	28.54	23.39	0.2		466.46	71.04	97.55
7/31/2024 19:00	44.89	31.11	0.24		382.56	71.05	97.56
7/31/2024 20:00	33.77	37.3	0.38		456.32	69.89	97.62
7/31/2024 21:00	20.14	35.42	0.08		440.69	68.8	97.65
7/31/2024 22:00	78.82	27.7	0.16		312.74	68.99	97.61
7/31/2024 23:00	20.44	39.8	0.06		255.39	69.55	97.67
8/1/2024	9.37	21.61	0.05		308.3	68.74	97.68
8/1/2024 1:00	29.55	30.42	0.17		319.6	67.74	97.63
8/1/2024 2:00	54.13	18.56	0.1		339.6	66.74	97.62
8/1/2024 3:00	26.15	23.9	0.05		315.41	66.38	97.64
8/1/2024 4:00	29.53	40.56	0.07		328.24	66.5	97.66
8/1/2024 5:00	29.95	11.64	0.06		323.48	66.59	97.7

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/1/2024 6:00						66.72	97.74
8/1/2024 7:00						66.36	97.8
8/1/2024 8:00						67.9	97.83
8/1/2024 9:00						69.82	97.84
8/1/2024 10:00						71.55	97.83
8/1/2024 11:00						78.76	97.84
8/1/2024 12:00						82.32	97.75
8/1/2024 13:00						85	97.74
8/1/2024 14:00						86.14	97.68
8/1/2024 15:00						79.48	97.63
8/1/2024 16:00						74.29	97.65
8/1/2024 17:00						72.13	97.62
8/1/2024 18:00						71.1	97.59
8/1/2024 19:00						70.3	97.56
8/1/2024 20:00						69.59	97.58
8/1/2024 21:00						68.82	97.62
8/1/2024 22:00						69.29	97.59
8/1/2024 23:00						69.92	97.56
8/2/2024						69.34	97.55
8/2/2024 1:00						69.26	97.54
8/2/2024 2:00						68.1	97.53
8/2/2024 3:00						67.09	97.46
8/2/2024 4:00						65.25	97.4
8/2/2024 5:00						65.15	97.39
8/2/2024 6:00						65.51	97.43
8/2/2024 7:00	3.39	11.8	0.36		337.51	64.42	97.45
8/2/2024 8:00	2.43	10.97	0.28		278.53	65.33	97.49
8/2/2024 9:00	2.4	8.96	0.27		269.49	65.91	97.5
8/2/2024 10:00	2.3	9.36	0.28		288.07	66.62	97.49
8/2/2024 11:00	2.21	10.99	0.3		287.5	67	97.51

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/2/2024 12:00	2.2	13.47	0.32		314.68	66.65	97.53
8/2/2024 13:00	1.59	16.28	0.35		333.91	65.57	97.48
8/2/2024 14:00	4.52	19.45	0.33		300.46	66.11	97.46
8/2/2024 15:00	2.6	22.05	0.34		307.59	67.24	97.42
8/2/2024 16:00	4.11	22.65	0.36		336.52	67.71	97.35
8/2/2024 17:00	5.28	28.29	0.43		380.29	67.01	97.35
8/2/2024 18:00	11.08	35.74	0.45		400.92	65.53	97.36
8/2/2024 19:00	17.85	36.32	0.49		449.2	64.76	97.42
8/2/2024 20:00	13.29	37.51	0.31		375.9	64.03	97.47
8/2/2024 21:00	16.99	44.19	0.32		371.04	63.68	97.49
8/2/2024 22:00	16.87	32.29	0.28		380.1	63.87	97.47
8/2/2024 23:00	10.63	35.87	0.41		403.94	63.49	97.48
8/3/2024	8.81	43.09	0.47		422.68	63	97.45
8/3/2024 1:00	16.52	36.28	0.47		393.55	63.81	97.42
8/3/2024 2:00	19.84	43.59	0.34		425.86	63.67	97.43
8/3/2024 3:00	15.69	26.7	0.19		405.54	63.71	97.46
8/3/2024 4:00	30.4	35.3	0.26		455.9	63.94	97.46
8/3/2024 5:00	22.35	58.59	0.17		395.09	63.98	97.49
8/3/2024 6:00	13.86	64.01	0.28		319.44	63.28	97.52
8/3/2024 7:00	14.35	48.01	0.18		236.69	64.9	97.56
8/3/2024 8:00	22.19	58.97	0.22		317.57	65.78	97.73
8/3/2024 9:00	24.81	109.82	0.18		34.34	70.55	97.76
8/3/2024 10:00	36	76.72	0.26		65.12	75.73	97.64
8/3/2024 11:00	38.83	52.2	0.04		14.23	77.48	97.55
8/3/2024 12:00	14.63	25.25	0.01		18.13	79.64	97.5
8/3/2024 13:00	10.01	33.65	0		4.18	81.23	97.5
8/3/2024 14:00	36.48	42.51	0.17		216.05	79.92	97.5
8/3/2024 15:00	59.74	90.85	0.49		456.31	73.27	97.49
8/3/2024 16:00	35.69	40.57	0.18		439.08	71.34	97.52
8/3/2024 17:00	29.26	41.77	0.09			69.44	97.57

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/3/2024 18:00	40.4	38.53	0.06			67.64	97.56
8/3/2024 19:00	33.72	28.15	0.06			68.33	97.6
8/3/2024 20:00	43.59	40.07	0.05			69.41	97.65
8/3/2024 21:00	38.52	46.94	0		9.66	74.47	97.68
8/3/2024 22:00	18.08	31.7	0		16.13	77.45	97.7
8/3/2024 23:00	13.56	36.77	0.01		27.26	77.94	97.69
8/4/2024	25.35	19.74	0		42.18	77.31	97.69
8/4/2024 1:00	36.61	44.65	0.01		43.88	77.17	97.7
8/4/2024 2:00	21.44	14.26	0		19.93	77.54	97.7
8/4/2024 3:00	30.04	16.54	0		22.29	77.72	97.7
8/4/2024 4:00	24.46	17.05	0.05		134.04	76.05	97.74
8/4/2024 5:00	18.54	46.01	0.09		302.09	68.89	97.77
8/4/2024 6:00	14.47	20.89	0.03		389.29	65.17	97.84
8/4/2024 7:00	23.22	32.61	0.07		489.29	63.78	97.87
8/4/2024 8:00	25.93	26.64	0.1		455.06	64.3	97.86
8/4/2024 9:00	28.01	16.45	0.08		471.18	65.16	97.88
8/4/2024 10:00	27.88	23.21	0.13		483.24	65.73	97.92
8/4/2024 11:00	70.77	27.6	0.11		452.41	66.77	97.9
8/4/2024 12:00	33.52	30.85	0.12		364.17	68.09	97.93
8/4/2024 13:00	39.47	21.22	0.09		432.38	68.4	97.94
8/4/2024 14:00	15.83	68.65	0.3		436.18	68.5	97.94
8/4/2024 15:00	16.11	19.64	0.1		449.82	69.17	97.89
8/4/2024 16:00	31.37	15.81	0.1		413.12	70.7	97.9
8/4/2024 17:00	25.05	18.46	0.07		411.52	70.65	97.92
8/4/2024 18:00	50.69	17.29	0.03		192.53	72	97.9
8/4/2024 19:00	15.81	22.53	0.05		285.07	73.88	97.91
8/4/2024 20:00	14.03	22.12	0.04		338.91	71.3	97.96
8/4/2024 21:00	16.09	33.07	0		10.59	76.27	98
8/4/2024 22:00	13.64	28.22	0		9.39	79.94	97.98
8/4/2024 23:00	52.89	32.64	0		17.56	80.83	97.96

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/5/2024	32.72	31.43	0.01		19.14	79.95	97.92
8/5/2024 1:00	31.15	28.61	0		14.57	79.27	97.9
8/5/2024 2:00	30.5	13.73	0.01		24.64	78.69	97.91
8/5/2024 3:00	19.24	27.94	0		24.45	78.08	97.9
8/5/2024 4:00	12.16	51.32	0.04		199.94	75.14	97.88
8/5/2024 5:00	60.67	15.44	0.05		212.90	69.4	97.85
8/5/2024 6:00	39.96	35.53	0.03		190.67	68.56	97.88
8/5/2024 7:00	37.4	27.33	0.06		386.14	66.24	97.92
8/5/2024 8:00	13.6	14.5	0.03		466.98	64.08	97.91
8/5/2024 9:00	21	18.51	0.04		469.34	64.36	97.92
8/5/2024 10:00	23.27	14.41	0.06		379.51	65.44	97.94
8/5/2024 11:00	23.94	30.65	0.08		321.81	67.14	97.91
8/5/2024 12:00	25.17	27.22	0.1		365.99	67.41	97.85
8/5/2024 13:00	57.27	49.53	0.01		47.36	70.52	97.87
8/5/2024 14:00	16.79	26.39	0		9.82	74.7	97.83
8/5/2024 15:00	34.66	36.89	0		11.29	77.45	97.82
8/5/2024 16:00	29.07	30.87	0.01		172.39	76.2	97.86
8/5/2024 17:00	29.28	49.32	0		5.52	78.6	97.9
8/5/2024 18:00	37.24	15.62	0		6.87	78.82	97.91
8/5/2024 19:00	34.07	27.2	0		6.79	77.89	97.91
8/5/2024 20:00	17.97	22.88	0		7.75	76.19	97.96
8/5/2024 21:00	27.76	32.25	0		6.85	75.36	98.01
8/5/2024 22:00	15.23	22.17	0		22.3	74.7	98.02
8/5/2024 23:00	13.37	22.9	0		21.36	74.08	97.94
8/6/2024	20.11	22.73	0		35.22	73.52	97.91
8/6/2024 1:00	23.81	20.94	0.03		125.14	72.03	97.91
8/6/2024 2:00	36.18	31.7	0.07		321.81	65.41	97.86
8/6/2024 3:00	22.41	16.21	0.05		352.16	62.25	97.91
8/6/2024 4:00	27.53	22.95	0.08		412.87	60.61	97.85
8/6/2024 5:00	29	33.49	0.1		393.02	59.77	97.86

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/6/2024 6:00	23.78	40.98	0.1		368.64	59.13	97.9
8/6/2024 7:00	26.42	36.19	0.04		320.08	58.38	97.93
8/6/2024 8:00	24.4	28.06	0.05		296.42	58.25	97.93
8/6/2024 9:00	12.47	25.09	0.05		238	57.51	97.91
8/6/2024 10:00					197.66	55.81	97.88
8/6/2024 11:00					113.51	55.37	97.79
8/6/2024 12:00					166.86	54.06	97.78
8/6/2024 13:00					140.86	53.31	97.8
8/6/2024 14:00					130.71	53.4	97.77
8/6/2024 15:00					131.79	54.66	97.75
8/6/2024 16:00					196.11	55.39	97.78
8/6/2024 17:00					213.56	55.64	97.83
8/6/2024 18:00					216.26	55.7	97.84
8/6/2024 19:00					228.83	56.07	97.84
8/6/2024 20:00					216.61	56.25	97.88
8/6/2024 21:00					189.27	56.71	97.91
8/6/2024 22:00					193.32	56.62	97.91
8/6/2024 23:00					239.74	56.21	97.93
8/7/2024					253.58	55.1	97.93
8/7/2024 1:00					284.71	54.37	97.91
8/7/2024 2:00					298.89	53.84	97.91
8/7/2024 3:00					301.61	53.54	97.91
8/7/2024 4:00					300.47	53.48	97.93
8/7/2024 5:00					289.81	53.48	97.95
8/7/2024 6:00					300.53	53.64	98
8/7/2024 7:00					307.49	53.94	98.03
8/7/2024 8:00					290.86	55.12	98.01
8/7/2024 9:00					310.81	55.81	98
8/7/2024 10:00					253.43	56.73	97.97
8/7/2024 11:00					302.74	57.55	97.96

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/7/2024 12:00					254.48	58.5	97.93
8/7/2024 13:00					351.83	58.72	97.91
8/7/2024 14:00					265.33	60.38	97.86
8/7/2024 15:00					249.55	61.58	97.82
8/7/2024 16:00					269.50	61.73	97.81
8/7/2024 17:00					275.29	61.6	97.78
8/7/2024 18:00					267.97	61.81	97.78
8/7/2024 19:00					242.41	61.04	97.77
8/7/2024 20:00					289.46	59.9	97.8
8/7/2024 21:00					270.62	59.55	97.82
8/7/2024 22:00					334.88	58.24	97.81
8/7/2024 23:00					270.16	58.84	97.77
8/8/2024					255.39	59.45	97.71
8/8/2024 1:00					251.95	59.81	97.68
8/8/2024 2:00					272.17	60.06	97.62
8/8/2024 3:00					288.52	59.32	97.61
8/8/2024 4:00					304.98	58.36	97.61
8/8/2024 5:00					308.2	58.59	97.65
8/8/2024 6:00					283.87	59.36	97.65
8/8/2024 7:00					290.08	60.32	97.63
8/8/2024 8:00					302	62.07	97.6
8/8/2024 9:00					327.36	62.5	97.58
8/8/2024 10:00					188.77	65	97.59
8/8/2024 11:00					263.09	66.17	97.59
8/8/2024 12:00					250.26	66.78	97.53
8/8/2024 13:00					370.7	66.92	97.52
8/8/2024 14:00					417.38	66.3	97.54
8/8/2024 15:00					348.33	66.71	97.49
8/8/2024 16:00					311.73	68.08	97.46
8/8/2024 17:00					288.78	69.55	97.47

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/8/2024 18:00					263.3	69	97.48
8/8/2024 19:00					112.69	71.65	97.46
8/8/2024 20:00					224.28	72.11	97.5
8/8/2024 21:00					44.68	75.25	97.54
8/8/2024 22:00					26.79	77.02	97.51
8/8/2024 23:00					17.68	78.39	97.46
8/9/2024					21.02	78.49	97.41
8/9/2024 1:00					118.16	76	97.38
8/9/2024 2:00					241.18	70.73	97.35
8/9/2024 3:00					295.13	66.89	97.33
8/9/2024 4:00					352.31	64.57	97.32
8/9/2024 5:00					346.91	62.72	97.3
8/9/2024 6:00					322.29	61.74	97.31
8/9/2024 7:00					333.26	61.49	97.3
8/9/2024 8:00					267.10	62.15	97.27
8/9/2024 9:00					281.93	61.88	97.25
8/9/2024 10:00					281.33	62	97.24
8/9/2024 11:00					285.27	62.71	97.26
8/9/2024 12:00					258.86	63.81	97.29
8/9/2024 13:00	6.45	16.05	0.25		292.03	64.65	97.33
8/9/2024 14:00	7.06	18.8	0.34		367.24	64.18	97.37
8/9/2024 15:00	8.57	29.27	0.47		329.32	64.88	97.46
8/9/2024 16:00	38.47	53.36	0.26		41.7	70.38	97.56
8/9/2024 17:00	28.06	59.13	0.07		18.29	73.82	97.51
8/9/2024 18:00	31.1	35.53	0.02		14.3	75.84	97.53
8/9/2024 19:00	9.7	20.49	0		18.68	77.91	97.55
8/9/2024 20:00	31.66	21.2	0		6.59	78.49	97.6
8/9/2024 21:00	47.85	34.52	0		18.46	77.05	97.65
8/9/2024 22:00	16.39	20.27	0.01		33.61	75.37	97.68
8/9/2024 23:00	12.01	17.84	0.04		230.08	71.24	97.71

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/10/2024	17.16	34.71	0.04		332.48	64.78	97.73
8/10/2024 1:00	22.73	12.68	0.06		379.22	62.02	97.73
8/10/2024 2:00	11.98	25.61	0.04		427.93	60.19	97.72
8/10/2024 3:00	13.55	18.84	0.04		387.92	59.44	97.75
8/10/2024 4:00	37.9	24.91	0.09		347.71	59.22	97.75
8/10/2024 5:00	46.63	12.38	0.04		288.81	59.68	97.79
8/10/2024 6:00	33.92	23.69	0.09		283.29	59.87	97.83
8/10/2024 7:00	14.35	10.04	0.14		291.94	60.14	97.86
8/10/2024 8:00	8.96	12.6	0.15		285.39	59.9	97.86
8/10/2024 9:00	9.29	20.36	0.2		298.49	60.48	97.85
8/10/2024 10:00	8.03	8.76	0.19		296.01	60.95	97.84
8/10/2024 11:00	12.09	16.72	0.25		319.38	60.4	97.87
8/10/2024 12:00	9.74	16.13	0.32		361.09	60.11	97.86
8/10/2024 13:00	12.9	15.91	0.38		393.71	59.8	97.85
8/10/2024 14:00	11.75	17.54	0.35		354.83	60.21	97.85
8/10/2024 15:00	8.28	16.72	0.32		330.08	61.1	97.84
8/10/2024 16:00	13.1	31.6	0.39		400.31	60.46	97.85
8/10/2024 17:00	21.99	11.97	0.17		389.39	60.51	97.86
8/10/2024 18:00	16.87	20.92	0.07		362.05	60.62	97.88
8/10/2024 19:00	16.09	34.53	0.08		355.01	60.37	97.92
8/10/2024 20:00	13.8	40.54	0.08		339.74	59.82	97.96
8/10/2024 21:00	15.21	20.02	0.06		344.69	59.52	97.97
8/10/2024 22:00	58	18.67	0.09		316.86	59.18	97.97
8/10/2024 23:00	31.53	18.47	0.05		291.42	59.38	97.95
8/11/2024	9.87	28.24	0.02		294.94	59.86	97.93
8/11/2024 1:00	24.29	36.73	0.08		293.21	59.77	97.89
8/11/2024 2:00	15.19	19.58	0.05		308.26	59.6	97.87
8/11/2024 3:00	37.86	22.57	0.05		280.36	59.6	97.89
8/11/2024 4:00	12.41	17.44	0.06		281.91	60.4	97.91
8/11/2024 5:00	30.28	14.84	0.06		275.47	60.29	97.9

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/11/2024 6:00	22.42	8.38	0.11		279.83	60.78	97.91
8/11/2024 7:00	17.86	32.45	0.16		310.8	60.34	97.95
8/11/2024 8:00	15.8	22.62	0.18		316.98	59.45	97.96
8/11/2024 9:00	35.49	27.89	0.21		363.08	59.24	97.97
8/11/2024 10:00	15.36	21.65	0.28		354.61	58.96	97.96
8/11/2024 11:00	21.46	20.89	0.28		380.28	59.3	97.95
8/11/2024 12:00	7.76	21.64	0.3		365.93	60.25	97.93
8/11/2024 13:00	11.88	33.29	0.37		402.62	60.67	97.92
8/11/2024 14:00	15.56	41.61	0.43		423.11	60.9	97.92
8/11/2024 15:00	16.12	36.3	0.3		401.32	61.6	97.91
8/11/2024 16:00	23.34	11.95	0.13		406.09	61.77	97.9
8/11/2024 17:00	19.75	22.26	0.13		436.86	61.9	97.88
8/11/2024 18:00	20.76	31.42	0.14		347.41	61.89	97.85
8/11/2024 19:00	19.3	22.48	0.12		362.39	62.27	97.87
8/11/2024 20:00	50.52	39.09	0.14		374.75	61.93	97.92
8/11/2024 21:00	20.39	36.04	0.22		378.12	60.91	97.94
8/11/2024 22:00	23.42	19.96	0.26		345.34	60.78	97.96
8/11/2024 23:00	9.31	18.88	0.31		348.64	60.18	97.98
8/12/2024	16.65	16.55	0.31		361.09	59.17	97.99
8/12/2024 1:00	5.04	23.72	0.29		344.11	58.21	98.02
8/12/2024 2:00	10.41	17.43	0.24		340.52	57.34	98.02
8/12/2024 3:00	20.79	20.06	0.16		312	57.37	98.02
8/12/2024 4:00	17.97	19.83	0.13		312.9	57.45	98.02
8/12/2024 5:00	22.65	18.58	0.13		328.89	57.1	98.07
8/12/2024 6:00	6.21	14.98	0.14		347.82	56.77	98.09
8/12/2024 7:00	14.06	25.56	0.13		357.07	57.12	98.11
8/12/2024 8:00	11.44	14.14	0.23		377.13	58.38	98.12
8/12/2024 9:00	5.94	16.03	0.27		357.17	59.35	98.14
8/12/2024 10:00	5.92	11.81	0.27		324.89	61.2	98.17
8/12/2024 11:00	4.66	12.11	0.32		364.3	62.15	98.18

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/12/2024 12:00	17.97	13.92	0.31		331.23	63.67	98.18
8/12/2024 13:00	21.45	22.71	0.41		438.67	64.89	98.17
8/12/2024 14:00	16.3	27.97	0.03		101.52	69.32	98.19
8/12/2024 15:00	15.81	36.33	0.08		141.9	70.51	98.15
8/12/2024 16:00	21.8	23.6	0.05		344.76	70.26	98.16
8/12/2024 17:00	22.57	23.32	0.02		159.16	69.83	98.19
8/12/2024 18:00	22.67	26.33	0		4.07	74.89	98.18
8/12/2024 19:00	22.74	31.03	0.03		38.20	76.51	98.19
8/12/2024 20:00	56.39	21.26	0.03		156.65	74.15	98.22
8/12/2024 21:00	9.98	18.67	0.03		200.84	72.77	98.24
8/12/2024 22:00	28.32	26.74	0.01		60.09	71.84	98.24
8/12/2024 23:00	13.06	34.32	0		19.71	76.41	98.22
8/13/2024	12.06	20.48	0		16.82	77.22	98.21
8/13/2024 1:00	19.97	21.91	0.02		132.30	74.85	98.22
8/13/2024 2:00	24.84	32.44	0.03		264.55	68.5	98.23
8/13/2024 3:00	15.91	38.07	0.15		287.67	65.29	98.24
8/13/2024 4:00	24.78	30.14	0.11		383.92	62.96	98.26
8/13/2024 5:00	19.55	19.86	0.05		400.46	61.5	98.3
8/13/2024 6:00	25.49	28.28	0.07		364.57	61.03	98.33
8/13/2024 7:00	27.06	39.37	0.1		402.42	61.25	98.33
8/13/2024 8:00					307.75	63.07	98.31
8/13/2024 9:00					320.46	64.48	98.32
8/13/2024 10:00					305.83	66.29	98.33
8/13/2024 11:00					422.63	66.67	98.32
8/13/2024 12:00					328.31	68.15	98.31
8/13/2024 13:00					239.14	70.98	98.27
8/13/2024 14:00					254.29	71.35	98.26
8/13/2024 15:00					228.91	71.37	98.22
8/13/2024 16:00					335.63	70.61	98.23
8/13/2024 17:00					260.76	68.79	98.25

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/13/2024 18:00					213.44	69.62	98.27
8/13/2024 19:00					345.83	68.22	98.28
8/13/2024 20:00					310.41	66.9	98.34
8/13/2024 21:00					165.56	67.81	98.35
8/13/2024 22:00					15.93	73.71	98.36
8/13/2024 23:00					33.09	75.92	98.34
8/14/2024					43.46	75.79	98.36
8/14/2024 1:00					43.48	75.97	98.35
8/14/2024 2:00					35.12	76.43	98.36
8/14/2024 3:00					30.2	76.77	98.37
8/14/2024 4:00					46.46	76.37	98.4
8/14/2024 5:00					70.91	75.99	98.42
8/14/2024 6:00					90.39	74.75	98.46
8/14/2024 7:00					156.16	71.11	98.48
8/14/2024 8:00					216.41	68.77	98.47
8/14/2024 9:00					306.48	67.32	98.52
8/14/2024 10:00					334.58	67.67	98.5
8/14/2024 11:00					375.74	66.6	98.49
8/14/2024 12:00					301.23	67.13	98.47
8/14/2024 13:00					266.64	68.59	98.44
8/14/2024 14:00					280.35	69.87	98.42
8/14/2024 15:00					192.64	71.26	98.39
8/14/2024 16:00					320.33	70.11	98.37
8/14/2024 17:00					325.51	68.19	98.37
8/14/2024 18:00					341.33	67.95	98.35
8/14/2024 19:00					328.85	67.18	98.34
8/14/2024 20:00					353.97	66.36	98.33
8/14/2024 21:00					225.84	67.96	98.38
8/14/2024 22:00					272.87	67.59	98.4
8/14/2024 23:00					291.83	65.9	98.38

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/15/2024					255.01	65.69	98.3
8/15/2024 1:00					268.19	65.07	98.26
8/15/2024 2:00					261.76	64.7	98.24
8/15/2024 3:00					256.33	65.27	98.27
8/15/2024 4:00					270.46	63.9	98.3
8/15/2024 5:00					261.11	63.4	98.33
8/15/2024 6:00					250.15	63.4	98.34
8/15/2024 7:00					242.28	64.11	98.35
8/15/2024 8:00					241.33	65.21	98.35
8/15/2024 9:00					260.1	65.56	98.32
8/15/2024 10:00					234.57	66.67	98.27
8/15/2024 11:00					244.09	66.44	98.23
8/15/2024 12:00					284.01	66.42	98.21
8/15/2024 13:00					292.42	67.38	98.17
8/15/2024 14:00					326.33	67.44	98.12
8/15/2024 15:00					338.71	67.37	98.09
8/15/2024 16:00					361.91	67.17	98.05
8/15/2024 17:00					227.32	68.16	98.03
8/15/2024 18:00					93.02	73.86	98
8/15/2024 19:00					199.38	71.64	98
8/15/2024 20:00					187.06	69.39	98.01
8/15/2024 21:00					141.94	68.89	98.03
8/15/2024 22:00					180.07	68.01	97.98
8/15/2024 23:00					249.38	65.72	97.94
8/16/2024					229.57	64.61	97.9
8/16/2024 1:00					256.16	64.34	97.86
8/16/2024 2:00					321.01	62.91	97.77
8/16/2024 3:00					272.19	62.83	97.75
8/16/2024 4:00					219.41	63.24	97.74
8/16/2024 5:00					210.44	63.31	97.74

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/16/2024 6:00					202.35	62.69	97.72
8/16/2024 7:00					254.61	60.69	97.67
8/16/2024 8:00					181.22	61.43	97.64
8/16/2024 9:00					157.64	62.81	97.59
8/16/2024 10:00					202.21	63.15	97.57
8/16/2024 11:00					235.36	62.62	97.54
8/16/2024 12:00					265.98	62.25	97.49
8/16/2024 13:00					226.59	62.12	97.64
8/16/2024 14:00					160.27	61.98	97.51
8/16/2024 15:00					45.61	64.73	97.32
8/16/2024 16:00					103.97	64.32	97.3
8/16/2024 17:00					108.33	64.14	97.31
8/16/2024 18:00					121.44	65.09	97.3
8/16/2024 19:00					123.91	65.86	97.27
8/16/2024 20:00					131.41	65.06	97.3
8/16/2024 21:00					81.98	65.47	97.29
8/16/2024 22:00					88.16	68.91	97.22
8/16/2024 23:00					163.9	65.92	97.19
8/17/2024					156.89	64	97.15
8/17/2024 1:00					130.2	63.38	97.11
8/17/2024 2:00					136.49	63.01	97.06
8/17/2024 3:00					131.58	62.84	97.04
8/17/2024 4:00					166.56	62.37	97
8/17/2024 5:00					238.05	61.08	96.97
8/17/2024 6:00					246.05	60.96	97.03
8/17/2024 7:00					217.23	61.85	97.03
8/17/2024 8:00					113.16	64.36	97.06
8/17/2024 9:00					17.08	70.11	97.1
8/17/2024 10:00					3.88	72.65	97.06
8/17/2024 11:00					7.64	74.72	97

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/17/2024 12:00					14.62	75.97	96.96
8/17/2024 13:00					45.28	75.39	96.94
8/17/2024 14:00					202.08	71.84	96.89
8/17/2024 15:00					197.06	68.98	96.84
8/17/2024 16:00					307.26	66.2	96.66
8/17/2024 17:00					487.43	61.88	96.71
8/17/2024 18:00					339.78	61.19	96.79
8/17/2024 19:00					277.03	60.87	96.86
8/17/2024 20:00					230.43	61.22	96.93
8/17/2024 21:00					184.48	62.24	96.92
8/17/2024 22:00					180.57	62.18	96.91
8/17/2024 23:00					216.27	61.16	96.9
8/18/2024					194.1	60.63	96.93
8/18/2024 1:00					183.66	60.85	96.92
8/18/2024 2:00					161.11	61.17	96.9
8/18/2024 3:00					176	60.93	96.92
8/18/2024 4:00					171.29	60.93	96.92
8/18/2024 5:00					196.21	60.76	96.95
8/18/2024 6:00					161.56	61.05	96.98
8/18/2024 7:00					144.9	61.23	97.01
8/18/2024 8:00					149.65	61.27	97.05
8/18/2024 9:00					176.74	61.48	97.07
8/18/2024 10:00					156.27	62.22	97.08
8/18/2024 11:00					169.37	63.15	97.08
8/18/2024 12:00					87.18	65.38	97.1
8/18/2024 13:00					53.31	67.75	97.09
8/18/2024 14:00					117.68	64.8	97.1
8/18/2024 15:00					55.61	63.73	97.14
8/18/2024 16:00					18.04	63.16	97.19
8/18/2024 17:00					12.29	62.95	97.26

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/18/2024 18:00					11.86	62.83	97.31
8/18/2024 19:00					33.19	62.52	97.36
8/18/2024 20:00					36.85	62.11	97.41
8/18/2024 21:00					6.36	61.64	97.47
8/18/2024 22:00					4.36	60.55	97.48
8/18/2024 23:00					6.94	60.37	97.49
8/19/2024					3.84	60.98	97.48
8/19/2024 1:00					2.86	61.04	97.5
8/19/2024 2:00					1.41	61.54	97.49
8/19/2024 3:00					4.84	61.88	97.49
8/19/2024 4:00					2.2	62.08	97.52
8/19/2024 5:00					2.13	62.02	97.57
8/19/2024 6:00					2.43	62.02	97.63
8/19/2024 7:00					2.31	61.3	97.71
8/19/2024 8:00					1.33	62.03	97.74
8/19/2024 9:00					20.21	61.29	97.8
8/19/2024 10:00					38.34	61.44	97.83
8/19/2024 11:00					68.57	61.56	97.82
8/19/2024 12:00					98.14	61.63	97.85
8/19/2024 13:00					83.38	61.37	97.9
8/19/2024 14:00					99.25	61.11	97.95
8/19/2024 15:00					87.78	60.86	97.97
8/19/2024 16:00					89.41	60.97	98
8/19/2024 17:00					84.57	60.96	98.04
8/19/2024 18:00					76.11	61.2	98.07
8/19/2024 19:00					115.49	61.22	98.11
8/19/2024 20:00					44.42	62.81	98.14
8/19/2024 21:00					78.16	62.77	98.16
8/19/2024 22:00					39.07	62.22	98.17
8/19/2024 23:00					62.24	61.78	98.22

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/20/2024					36.52	61.45	98.24
8/20/2024 1:00					55.17	61.7	98.25
8/20/2024 2:00					67.91	62.59	98.27
8/20/2024 3:00					37.21	63.19	98.32
8/20/2024 4:00					26.71	63.41	98.32
8/20/2024 5:00					24.3	63.8	98.37
8/20/2024 6:00					38.89	64.19	98.42
8/20/2024 7:00					53.48	65.2	98.44
8/20/2024 8:00					15.92	66.2	98.5
8/20/2024 9:00					0.83	69.73	98.49
8/20/2024 10:00					11.67	71.03	98.51
8/20/2024 11:00					23.39	69.89	98.53
8/20/2024 12:00					9.27	68.5	98.49
8/20/2024 13:00					31.93	68.11	98.46
8/20/2024 14:00					55.81	67.93	98.48
8/20/2024 15:00					20.23	68.75	98.45
8/20/2024 16:00					7.32	69.13	98.45
8/20/2024 17:00					6.84	69.12	98.45
8/20/2024 18:00					15.96	68.86	98.45
8/20/2024 19:00					26.35	68.29	98.47
8/20/2024 20:00					18.93	68.79	98.53
8/20/2024 21:00					30.16	70.67	98.55
8/20/2024 22:00					40.2	70.99	98.54
8/20/2024 23:00					15.52	69.89	98.52
8/21/2024					29.28	68.35	98.51
8/21/2024 1:00					4.86	68	98.52
8/21/2024 2:00					1.23	67.97	98.55
8/21/2024 3:00					1.67	67.93	98.54
8/21/2024 4:00					1.24	68.04	98.52
8/21/2024 5:00					1.53	67.87	98.56

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/21/2024 6:00					2.51	67.74	98.63
8/21/2024 7:00					3.24	67.35	98.67
8/21/2024 8:00					22.06	68.97	98.69
8/21/2024 9:00					34.25	70.5	98.65
8/21/2024 10:00					24.71	70.94	98.68
8/21/2024 11:00	3.69	7.58	0.01		13.01	70.38	98.68
8/21/2024 12:00	3.26	8.34	0.02		20.68	70.13	98.67
8/21/2024 13:00	3.38	11.09	0.06		63.93	69.69	98.63
8/21/2024 14:00	3.94	20.07	0.06		64.15	69.61	98.6
8/21/2024 15:00	4.71	20.29	0.01		10.53	70.88	98.56
8/21/2024 16:00	5.47	15.23	0.02		20.31	70.71	98.54
8/21/2024 17:00	3.79	12.46	0.01		12.84	72.15	98.54
8/21/2024 18:00	2.3	13.79	0.03		41.75	71.44	98.55
8/21/2024 19:00	3.5	11.43	0.01		20.81	69.73	98.55
8/21/2024 20:00	3	12.76	0.02		27.6	68.86	98.58
8/21/2024 21:00	15.25	27.89	0.65		140.27	68.32	98.69
8/21/2024 22:00	11.27	22.25	1.23		442.11	69.5	98.65
8/21/2024 23:00	10.55	18.25	0.03		13.9	72.66	98.62
8/22/2024	5.8	12.8	0.02		15.28	74.91	98.63
8/22/2024 1:00	3.97	6.35	0.03		49.56	73.02	98.62
8/22/2024 2:00	2.98	6.73	0.03		48.64	70.57	98.63
8/22/2024 3:00	4.52	6.52	0		3.35	69.44	98.64
8/22/2024 4:00	1.25	5.39	0		0.71	68.95	98.67
8/22/2024 5:00	3.13	8.91	0		0.29	68.04	98.72
8/22/2024 6:00	2.41	8.43	0		0.09	67.92	98.79
8/22/2024 7:00	1.85	7.83	0		1.24	67.98	98.82
8/22/2024 8:00	2.66	8.32	0.02		37.03	69.11	98.81
8/22/2024 9:00	3.76	7.35	0.01		10.84	69.88	98.8
8/22/2024 10:00	1.65	8.14	0.01		13.55	70.42	98.77
8/22/2024 11:00	2.88	9.2	0.03		38.33	72.5	98.76

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/22/2024 12:00	6.72	11.84	0.03		37.78	73.42	98.72
8/22/2024 13:00	5.63	13.76	0.05		59.24	74.87	98.68
8/22/2024 14:00	9.25	30.39	0.12		101.44	74.08	98.65
8/22/2024 15:00	13.67	41.89	0.04		32.09	75.97	98.6
8/22/2024 16:00	13.44	41.67	0.02		16.91	79.26	98.58
8/22/2024 17:00	12.72	35.32	0.03		24.31	81.11	98.6
8/22/2024 18:00	14.12	34.37	0.09		88.32	80.31	98.61
8/22/2024 19:00	17.96	50.22	0.11		81.18	77.81	98.64
8/22/2024 20:00	17.4	51.66	0.03		27.9	78.36	98.68
8/22/2024 21:00	10.86	45.67	0.02		18.78	80.07	98.71
8/22/2024 22:00	14.45	36.37	0.01		10.36	80.58	98.71
8/22/2024 23:00	6.79	21.57	0.01		18.08	79.38	98.72
8/23/2024	4.41	14.54	0.04		54.06	77.51	98.72
8/23/2024 1:00	4.89	13.68	0		5.77	74.54	98.71
8/23/2024 2:00	2.65	12.04	0		1.14	72.71	98.7
8/23/2024 3:00	4.21	8.31	0		0.98	71.92	98.71
8/23/2024 4:00	3.07	10.7	0		0.13	71.18	98.73
8/23/2024 5:00	2.7	10.89	0		0.42	70.59	98.76
8/23/2024 6:00	4.38	9.41	0		0.11	70.72	98.8
8/23/2024 7:00	2.39	9.07	0		2.64	70.72	98.85
8/23/2024 8:00	2	10.1	0		7.27	71.1	98.85
8/23/2024 9:00	2.56	9.22	0.02		27.68	72.31	98.82
8/23/2024 10:00	3.62	7.67	0.01		13.59	73.1	98.8
8/23/2024 11:00	3.11	11.61	0.01		10.88	73.71	98.8
8/23/2024 12:00	5.03	14.75	0.03		31.26	74.55	98.76
8/23/2024 13:00	4.38	17.17	0.05		51.83	75.79	98.72
8/23/2024 14:00	11.29	41.65	0.18		140.99	74.96	98.72
8/23/2024 15:00	16.79	59.82	0.02		15.4	77.87	98.7
8/23/2024 16:00	17.25	60.58	0.03		19.46	80.79	98.68
8/23/2024 17:00	18.88	60.19	0.02		17.43	81.23	98.68

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/23/2024 18:00	15.02	53.32	0.01		10.46	82.81	98.67
8/23/2024 19:00	8.69	31.84	0.02		28.94	82.56	98.62
8/23/2024 20:00	10.77	36.22	0.02		23.42	80.72	98.62
8/23/2024 21:00	10.28	28.76	0.03		31.1	80.1	98.63
8/23/2024 22:00	6.75	22.57	0.01		20.06	79.91	98.63
8/23/2024 23:00	3.64	14.37	0.04		53.16	78.28	98.64
8/24/2024	2.56	14.12	0.01		12.58	75.92	98.64
8/24/2024 1:00	3.26	11.37	0		2.19	74.44	98.62
8/24/2024 2:00	1.64	9.09	0		0.37	73.7	98.61
8/24/2024 3:00	1.02	9.15	0		0	72.88	98.62
8/24/2024 4:00	1.53	5.96	0		0.18	72.63	98.63
8/24/2024 5:00	2.41	6.52	0		0.63	72.39	98.66
8/24/2024 6:00	3.55	8.86	0.06		63.29	71.53	98.7
8/24/2024 7:00	3.95	12.06	0.02		18.41	74.21	98.72
8/24/2024 8:00	2.6	12.72	0.04		49.17	74.91	98.69
8/24/2024 9:00	3.41	11.02	0.04		53.42	75.5	98.68
8/24/2024 10:00	2.57	8.41	0.04		58.97	76.08	98.64
8/24/2024 11:00	3.29	9.78	0.03		37.23	76.24	98.6
8/24/2024 12:00	2.21	13.22	0.03		33.66	76.23	98.55
8/24/2024 13:00	4.81	13.11	0.02		25.81	77.22	98.54
8/24/2024 14:00	5.55	20.07	0.04		41.31	77.33	98.52
8/24/2024 15:00	11.74	37.76	0.05		41.2	78.24	98.49
8/24/2024 16:00	10.9	40.99	0.04		39.36	79.93	98.48
8/24/2024 17:00	11.86	45.36	0.03		27.76	81.56	98.44
8/24/2024 18:00	14.12	43.06	0.03		23.02	82.95	98.45
8/24/2024 19:00	8.36	30.12	0.02		24.8	83.25	98.45
8/24/2024 20:00	7	24.49	0.03		30.67	81.39	98.45
8/24/2024 21:00	6.41	23.25	0.02		26.64	79.42	98.46
8/24/2024 22:00	4.75	17.56	0.02		30.95	78.41	98.47
8/24/2024 23:00	4.5	19.43	0		3.03	76.88	98.48

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/25/2024	3.75	16.92	0		7.51	75.96	98.5
8/25/2024 1:00	3.97	13.47	0.02		41.24	75.6	98.5
8/25/2024 2:00	2.81	11.43	0.02		36.13	75.34	98.49
8/25/2024 3:00	3.32	10.64	0.02		32.47	74.92	98.48
8/25/2024 4:00	2.12	10.07	0.01		10.91	74.59	98.48
8/25/2024 5:00	3.53	10.83	0		5.16	74.37	98.53
8/25/2024 6:00	2.79	9.3	0.02		37.43	74.48	98.6
8/25/2024 7:00	2.24	10.04	0.04		56.24	74.88	98.64
8/25/2024 8:00	3	11.8	0.04		56.83	75.07	98.63
8/25/2024 9:00	3.75	11.36	0.04		53.89	75.71	98.63
8/25/2024 10:00	1.42	10.25	0.05		68.1	77.01	98.64
8/25/2024 11:00	2.11	12.94	0.06		75.84	78.53	98.63
8/25/2024 12:00	3.8	14.55	0.04		48.2	79.51	98.6
8/25/2024 13:00	5.47	25.44	0.04		36.31	79.33	98.56
8/25/2024 14:00	7.42	29.6	0.05		51.98	80.82	98.53
8/25/2024 15:00	9.87	27.59	0.03		34.6	82.45	98.48
8/25/2024 16:00	8.5	27.69	0.02		25.52	82.96	98.44
8/25/2024 17:00	9.63	35.35	0.02		21.02	83.23	98.43
8/25/2024 18:00	9.61	31.08	0.02		19.79	84.28	98.44
8/25/2024 19:00	9.23	29.35	0.03		32.36	83.08	98.47
8/25/2024 20:00	7.02	25.06	0.01		10.45	83.29	98.51
8/25/2024 21:00	4.83	17.98	0.02		21.31	82.42	98.53
8/25/2024 22:00	3.17	14.79	0.02		30.65	81.36	98.53
8/25/2024 23:00	3.24	13.51	0.04		53.31	80.27	98.51
8/26/2024	4.88	10.58	0.06		77.3	79.05	98.49
8/26/2024 1:00	3.52	7.72	0.07		98.33	77.91	98.47
8/26/2024 2:00	2.64	9.4	0.06		91.36	77.09	98.44
8/26/2024 3:00	2.39	8.68	0.05		80.54	76.74	98.41
8/26/2024 4:00	1.73	7.5	0.06		91.21	76.39	98.41
8/26/2024 5:00	3.67	9.72	0.04		51.28	75.95	98.44

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/26/2024 6:00	3.86	10.83	0.03		47.69	75.68	98.47
8/26/2024 7:00	3	11.36	0.03		47.94	75.58	98.5
8/26/2024 8:00	5.61	15.83	0.05		63.44	75.93	98.49
8/26/2024 9:00					14.31	78.39	98.47
8/26/2024 10:00					32.53	80.16	98.44
8/26/2024 11:00	5.51	17.76	0.08	408.85	64.47	81.06	98.39
8/26/2024 12:00	7.64	22.45	0.06	361.11	49.62	81.24	98.34
8/26/2024 13:00	8.06	31.28	0.07	340.03	61.54	81.59	98.32
8/26/2024 14:00	14.69	46.82	0.05	400.41	39.54	82.18	98.27
8/26/2024 15:00	16.43	56.57	0.04	351.07	27.21	84.22	98.23
8/26/2024 16:00	17.12	55.23	0.01	355.58	73.18	85.86	98.21
8/26/2024 17:00	20.31	51.72	0.02	612.16	18.5	84.81	98.23
8/26/2024 18:00	16.92	47.02	0.01	344.46	9.71	87.38	98.18
8/26/2024 19:00	9.17	36.85	0.04	316.02	32.62	87.13	98.19
8/26/2024 20:00	9.66	33.47	0.03	334.57	29.89	85.62	98.22
8/26/2024 21:00	11.14	36.24	0.03	340.11	25.53	85.26	98.21
8/26/2024 22:00	8.83	28.3	0.01	308.43	13.25	85.46	98.18
8/26/2024 23:00	12.64	35.21	0.05	345.68	43.08	83.11	98.17
8/27/2024	10.99	39.31	0.02	333.35	17.23	82.86	98.17
8/27/2024 1:00	11.41	34.05	0	311.61	3.77	83.66	98.12
8/27/2024 2:00	8.37	26.13	0	290.45	5.36	82.82	98.1
8/27/2024 3:00	6.54	21.09	0.01	284.66	7.14	81.95	98.05
8/27/2024 4:00	5.67	18.44	0.01	273.07	12.29	81.25	98.03
8/27/2024 5:00	4.5	13.3	0.01	229.63	19.9	80.66	98.07
8/27/2024 6:00	3.02	13.18	0.03	270.87	38.65	80.16	98.06
8/27/2024 7:00	4.61	12.64	0.04	255.44	50.61	79.82	98.1
8/27/2024 8:00	4.53	12.04	0.03	249.88	34.96	79.55	97.98
8/27/2024 9:00	4.57	11.2	0.02	253.99	21.12	79	97.93
8/27/2024 10:00	2.22	12.04	0.02	265.32	26.55	78.01	97.97
8/27/2024 11:00	3.04	12.79	0.02	272.18	28.18	77.77	97.99

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/27/2024 12:00	5.98	21.2	0.05	320.41	46.84	77.84	97.89
8/27/2024 13:00	6.24	21.46	0.05	298.88	49.29	79.3	97.82
8/27/2024 14:00	11.55	29.4	0.02	674.56	15.07	80.01	97.81
8/27/2024 15:00	33.2	69.7	3.02	2644.25	535.32	78.47	97.86
8/27/2024 16:00	14.17	34.32	0.08	823.2	31.63	79.14	97.77
8/27/2024 17:00	10.91	33.33	0.03	549.81	16.48	83.49	97.84
8/27/2024 18:00	8.6	28.69	0.09	437.41	51.58	82.71	97.83
8/27/2024 19:00	16.69	52.74	0.03	904.36	10.45	81.55	97.85
8/27/2024 20:00	10.38	33.45	0.05	341.98	44.29	80.68	97.85
8/27/2024 21:00	14.01	43.27	0.02	305.81	17.3	79.58	97.79
8/27/2024 22:00	10.06	32.96	0.01	314.34	5.63	81.8	97.82
8/27/2024 23:00	6.43	17.96	0.01	273.5	7.63	81.86	97.8
8/28/2024	6.64	17.87	0.03	264.47	37.19	80.99	97.82
8/28/2024 1:00	5.49	19.11	0.02	273.91	18.78	80.81	97.83
8/28/2024 2:00	5.75	16.58	0.01	269.63	15.79	80.66	97.84
8/28/2024 3:00	3.69	13.11	0.02	259.6	19.76	80.52	97.89
8/28/2024 4:00	2.14	10.03	0.02	244.68	30.61	79.99	97.9
8/28/2024 5:00	3.13	10.91	0.02	243.71	34.32	79.35	97.93
8/28/2024 6:00	3.05	8.92	0.03	244.69	35.86	79.01	97.96
8/28/2024 7:00	5.68	10.76	0.05	256.85	58.8	78.72	97.97
8/28/2024 8:00	5.43	14.64	0.03	286.33	42.29	78.9	97.95
8/28/2024 9:00	3.06	13.04	0.02		30.16	79.73	97.97
8/28/2024 10:00	2.39	12.05	0.01		13.57	80.19	98
8/28/2024 11:00	3.13	11.88	0.02		26.7	79.88	98.02
8/28/2024 12:00	2.44	11.78	0.03		35.73	78.61	98.09
8/28/2024 13:00	5.13	12.57	0.02		28.88	78.5	98.1
8/28/2024 14:00	5.56	17.35	0.03		27.96	77.21	98.11
8/28/2024 15:00	5.35	17.69	0.01		15.09	77.57	98.14
8/28/2024 16:00	4.49	16.34	0		0.23	79.35	98.1
8/28/2024 17:00	5.74	12.78	0		0.36	78.88	98.13

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/28/2024 18:00	3.99	11.74	0		0.38	78.39	98.15
8/28/2024 19:00	3.36	15.64	0.02		23.25	77.51	98.2
8/28/2024 20:00	5.01	20.64	0.01		11.66	76.34	98.27
8/28/2024 21:00	5.86	18.67	0		0	75.76	98.3
8/28/2024 22:00	3.69	12.82	0		0.22	75.46	98.31
8/28/2024 23:00	3.24	9.26	0		0.09	75.09	98.31
8/29/2024	3.46	11.15	0		0.28	74.9	98.33
8/29/2024 1:00	2.4	9.72	0		0.08	74.75	98.34
8/29/2024 2:00	1.87	7.16	0		0.35	74.69	98.39
8/29/2024 3:00	2.36	7.96	0		0.54	75.08	98.4
8/29/2024 4:00	1.9	5.83	0		1	75.54	98.42
8/29/2024 5:00	1.68	6.19	0		0.71	75.81	98.48
8/29/2024 6:00	1.41	6.06	0		2.89	75.9	98.52
8/29/2024 7:00	1.31	6.39	0.01		12.33	76.2	98.56
8/29/2024 8:00	2.84	9.59	0.01		9.86	76.82	98.57
8/29/2024 9:00	3.37	9.98	0.01		11.1	77.33	98.58
8/29/2024 10:00	2.89	9.42	0.01		20.99	77.67	98.59
8/29/2024 11:00	4.38	8.01	0.02		32.62	78.13	98.58
8/29/2024 12:00	3.79	8.95	0.01		11	79.54	98.58
8/29/2024 13:00	2.64	11.57	0.02	261.46	19.51	80.42	98.55
8/29/2024 14:00	5.21	18.52	0.05	291.85	53.06	80.31	98.49
8/29/2024 15:00	6.79	25.71	0.05	330.21	46.66	81.25	98.43
8/29/2024 16:00	7.56	26.46	0.03	322.39	33.51	82.36	98.42
8/29/2024 17:00	7.89	25.79	0.02	306.75	21.64	82.69	98.45
8/29/2024 18:00	7.4	25.36	0	298.48	2.76	83.63	98.41
8/29/2024 19:00	8.27	22.05	0.01	285.13	5.38	83.41	98.39
8/29/2024 20:00	7.79	23.3	0.01	279.9	7.25	82.99	98.4
8/29/2024 21:00	7.24	22.54	0	276.03	4.74	83.07	98.43
8/29/2024 22:00	6.51	18.07	0	243.65	2.69	82.53	98.45
8/29/2024 23:00	6.06	14.95	0.01	243.57	6.86	81.06	98.47

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/30/2024	5.47	15.81	0.03	266.41	33.38	79.7	98.48
8/30/2024 1:00	5.02	15.1	0.02	264.17	24.89	78.73	98.43
8/30/2024 2:00	2.74	13.12	0	274.06	2.47	79.25	98.35
8/30/2024 3:00	3.81	11.09	0	236.39	1.95	78.96	98.29
8/30/2024 4:00	4.2	9.73	0	223.16	2.03	78.28	98.25
8/30/2024 5:00	2.99	9.06	0	230.07	3.44	78.04	98.23
8/30/2024 6:00	2.22	9.93	0	224.75	2.45	78.03	98.22
8/30/2024 7:00	1.48	10.32	0	232.53	1.93	77.81	98.21
8/30/2024 8:00	3.62	9.53	0	232.23	0.56	77.77	98.19
8/30/2024 9:00	2.09	8.09	0	228.29	0.46	77.85	98.18
8/30/2024 10:00	4.4	8.14	0	229.71	0.27	77.85	98.13
8/30/2024 11:00	4.77	14.81	0.03	295.11	30.89	78.13	98.06
8/30/2024 12:00	7.56	25.3	0.06	364.31	54.17	78.46	97.99
8/30/2024 13:00	9.61	32.04	0.05	364.94	42.88	79.33	97.97
8/30/2024 14:00	12.69	36.82	0	372.51	0.08	79.64	97.94
8/30/2024 15:00	12.89	39.22	0	341.52	0.69	80.15	97.89
8/30/2024 16:00	15.62	45.83	0.05	376.47	35.46	81.41	97.83
8/30/2024 17:00	17.35	51.03	0.01	371.22	5.52	81.74	97.78
8/30/2024 18:00	15.27	41.7	0	344.83	1.76	81.28	97.74
8/30/2024 19:00	12	36.75	0	320.8	3.26	81.75	97.7
8/30/2024 20:00	11.21	28.5	0	301.53	1.16	79.76	97.85
8/30/2024 21:00	10.75	31.32	0	343.25	1.2	79.19	97.85
8/30/2024 22:00	6.99	26.45	0	304.56	1.1	79.9	97.85
8/30/2024 23:00	5.33	19.4	0	269.88	1.66	80.36	97.85
8/31/2024	5.58	19.91	0.01	299.41	9.47	80.75	97.86
8/31/2024 1:00	6.05	22.38	0.05	330.11	53.13	80.23	97.85
8/31/2024 2:00	9.28	23.4	0.01	303.53	14.98	80.48	97.82
8/31/2024 3:00	7.89	22.55	0	320.45	0.73	80.45	97.85
8/31/2024 4:00	7.53	19.81	0	285.38	2.19	80.22	97.92
8/31/2024 5:00	6.54	21.72	0	301.24	3.99	80.12	97.82

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/31/2024 6:00	6.44	24.41	0	335.51	0.46	79.91	97.84
8/31/2024 7:00	5.78	24.1	0	342.3	1.34	79.87	97.89
8/31/2024 8:00	7.9	22.84	0	317.41	0.71	80	97.9
8/31/2024 9:00	7.68	22.77	0	346.64	0.47	80.39	97.9
8/31/2024 10:00	6.84	20.98	0	330.71	2.42	81.2	97.92
8/31/2024 11:00	9.06	21.5	0.06	339.98	51.95	81.88	97.92
8/31/2024 12:00	10.99	32.89	0.07	404.86	51.35	82.7	97.89
8/31/2024 13:00	10.43	33.42	0.06	390.49	44.48	83.58	97.85
8/31/2024 14:00	12.7	35.68	0.01	377.43	9.53	85.23	97.77
8/31/2024 15:00	12.04	33.96	0	350.11	2.93	86.22	97.69
8/31/2024 16:00	18.48	48.3	0.08	398.27	63.92	85.23	97.66
8/31/2024 17:00	19.08	59.35	0.01	400.17	9.29	86.2	97.67
8/31/2024 18:00	21.61	55.79	0.01	363.45	7.11	87.37	97.66
8/31/2024 19:00	15.12	40.66	0.05	327.09	44.33	86.9	97.67
8/31/2024 20:00	17.34	49.67	0.01	364.48	8.25	85.69	97.72
8/31/2024 21:00	18.38	46.57	0	340.35	2.18	85.65	97.71
8/31/2024 22:00	15.3	42.41	0	333.18	2.97	85.67	97.67
8/31/2024 23:00	9.8	31.38	0	290.05	2.14	85.34	97.62
9/1/2024	8.68	25.65	0.01	324.72	10.74	84.59	97.57
9/1/2024 1:00	8.06	24.9	0.01	328.02	9.43	83.67	97.53
9/1/2024 2:00	7.18	21.92	0	309.61	3.12	82.76	97.5
9/1/2024 3:00	7.28	16.08	0	271.27	3.86	82.06	97.47
9/1/2024 4:00	5.91	14.24	0	282.7	3.86	81.31	97.44
9/1/2024 5:00	4.37	14.99	0	284.76	2.56	80.73	97.41
9/1/2024 6:00	3.53	13.61	0	275.12	2.94	79.94	97.44
9/1/2024 7:00	11.23	30.61	0.15	747.93	86.78	78.23	97.48
9/1/2024 8:00	17.73	53.15	0.14	789.42	56.67	78.83	97.46
9/1/2024 9:00	7.64	25.3	0.02	544.95	17.43	78.47	97.52
9/1/2024 10:00	6.41	20.07	0.01	530.08	12.79	78.95	97.62
9/1/2024 11:00	7.8	19.92	0	571.47	1.07	78.14	97.7

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/1/2024 12:00	4.53	16.87	0	350.17	0	77.1	97.72
9/1/2024 13:00	8.51	26.74	0	396.82	0	76.3	97.79
9/1/2024 14:00	8.72	25.49	0	383.75	0	76.16	97.83
9/1/2024 15:00	7.34	20.53	0	344.54	0	75.87	97.84
9/1/2024 16:00	6.24	18.99	0	349.69	0	75.6	97.87
9/1/2024 17:00	5.15	18.98	0	356.82	0	75.53	97.91
9/1/2024 18:00	5.41	18.57	0	349.3	0	75.51	97.95
9/1/2024 19:00	7.84	22.02	0	349.87	0	75.07	98.03
9/1/2024 20:00	8.63	28.02	0	356.9	0	74.37	98.13
9/1/2024 21:00	6.4	22.85	0.01	393.83	10.83	73.98	98.2
9/1/2024 22:00	5.53	18.82	0	427.42	0.1	73.57	98.26
9/1/2024 23:00	2.75	10.98	0	301.91	0	72.88	98.3
9/2/2024	3.92	11.76	0	293.68	0.01	72.07	98.34
9/2/2024 1:00	5.38	15.52	0	291.5	0	71.09	98.37
9/2/2024 2:00	4.99	15.3	0	325.52	0.08	70.53	98.41
9/2/2024 3:00	5.56	13.51	0	309.48	0	70.34	98.43
9/2/2024 4:00	2.4	10.23	0	260.92	0.03	70.41	98.46
9/2/2024 5:00	4.02	8.85	0	240.17	0.19	70.34	98.52
9/2/2024 6:00	1.72	7.45	0	234.54	0.09	70.17	98.59
9/2/2024 7:00	1.85	5.98	0	235.29	0.12	70.01	98.64
9/2/2024 8:00	3.31	8.84	0.01	260.96	15.61	69.68	98.67
9/2/2024 9:00	4.19	13.43	0.02	434.54	12.5	69.77	98.76
9/2/2024 10:00	6.01	12.9	0	559.71	0	68.75	98.82
9/2/2024 11:00	3.5	9.27	0	304.36	0	68.63	98.84
9/2/2024 12:00	3.32	10.44	0	328.33	0	68.23	98.82
9/2/2024 13:00	21.76	30.61	0.06	2530.75	19.84	66.25	98.96
9/2/2024 14:00	19.22	29.55	3.4	2034.23	290.5	62.11	98.91
9/2/2024 15:00	9.5	23.91	0.05	610.12	52.83	63.73	98.81
9/2/2024 16:00	13.83	42.81	0	653.61	0	67.5	98.81
9/2/2024 17:00	20.01	51.32	0.02	797.69	5.66	68.19	98.84

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/2/2024 18:00	27.47	48.21	0.37	2124.99	118.97	69.57	98.9
9/2/2024 19:00	16.91	33.57	0.01	909.48	2.31	69.25	98.89
9/2/2024 20:00	10.88	30.31	0	318.1	0.53	70.64	98.9
9/2/2024 21:00	7.04	18.5	0	309.41	0	71.12	98.92
9/2/2024 22:00	7.86	18.62	0	343.49	0	71.06	98.94
9/2/2024 23:00	7.68	18.81	0.03	528.73	20.57	71.38	98.95
9/3/2024	7.19	11.88	0	309.95	0	71.07	98.96
9/3/2024 1:00	4.81	11.17	0	298.2	0	70.85	98.97
9/3/2024 2:00	2.89	10	0	288.62	0	70.6	99
9/3/2024 3:00	3.49	14.27	0	319.64	0	70.25	99.01
9/3/2024 4:00	4.82	14.76	0	289.02	0.08	70.18	99.01
9/3/2024 5:00	3.19	10.48	0	276.83	0	69.99	99.02
9/3/2024 6:00	5.09	8.27	0	260.92	0	69.63	99.06
9/3/2024 7:00	4.54	13.36	0	280.46	0	69.31	99.12
9/3/2024 8:00	6.03	14.85	0	291.36	0	69.49	99.17
9/3/2024 9:00	4.26	12.3	0	280.89	0	69.66	99.15
9/3/2024 10:00	4.08	8.95	0	252.53	0	69.99	99.14
9/3/2024 11:00	4.46	9.86	0	304.63	0	70.41	99.11
9/3/2024 12:00	5.8	11.39	0	326.07	0	71.11	99.04
9/3/2024 13:00	7.47	18.15	0	385.01	0	71.89	99.02
9/3/2024 14:00	15.78	39.52	0	464.96	0	72.95	99.01
9/3/2024 15:00	18.48	47.19	0	429.29	0.63	74.11	98.95
9/3/2024 16:00	17.74	42.69	0	396.74	0.57	75.11	98.93
9/3/2024 17:00	20.87	50.91	0	427.87	0.28	75.56	98.94
9/3/2024 18:00	17.75	47	0.03	396.52	22.58	76.39	98.93
9/3/2024 19:00	25.09	58.71	0.06	448.02	37.19	78.6	98.96
9/3/2024 20:00	24.85	59.78	0	398.37	0.24	77.32	99
9/3/2024 21:00	17.06	43.37	0	347.01	0.01	76.49	98.99
9/3/2024 22:00	9.7	26.81	0	303.87	0	75.74	98.99
9/3/2024 23:00	7.55	20.59	0	304.31	0	75.03	98.98

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/4/2024	6.11	17.36	0	260.06	0	74.31	98.97
9/4/2024 1:00	6.85	18.91	0	298.36	0	73.61	98.96
9/4/2024 2:00	7.57	19.22	0	314.27	0	73.25	98.97
9/4/2024 3:00	5.15	15.65	0	303.29	0.1	72.95	98.97
9/4/2024 4:00	4.11	12.39	0	299.79	0	72.57	98.99
9/4/2024 5:00	3.22	9.73	0	283.02	0	72.2	99.02
9/4/2024 6:00	3.6	10.21	0	293.7	0	71.84	99.08
9/4/2024 7:00	5.55	12.23	0	314.79	0	71.5	99.1
9/4/2024 8:00	6.07	20.55	0	359.2	0	71.74	99.12
9/4/2024 9:00	6.8	15.59	0	318.46	0	72.18	99.1
9/4/2024 10:00	4.21	12.44	0	355.77	0	72.18	99.12
9/4/2024 11:00	7.1	20.06	0	421.95	0	72.28	99.08
9/4/2024 12:00	13.16	29.99	0	415.12	0	72.69	99.03
9/4/2024 13:00	20.98	53.62	0.1	494.5	63.73	74.92	99.03
9/4/2024 14:00	29.26	73.87	0	493.27	0	75.32	99
9/4/2024 15:00	25.51	67.79	0	462.5	0.54	75.23	98.92
9/4/2024 16:00	25.13	62.71	0	467.52	0.09	76.02	98.9
9/4/2024 17:00	35.72	66.32	0.41	2434.75	89	70.1	98.92
9/4/2024 18:00	20.05	41.61	0.21	897.74	65.33	71.6	98.79
9/4/2024 19:00	13.25	30.87	0	426.93	0	67.17	98.83
9/4/2024 20:00	18.02	31.54	0.32	1270.99	46.89	65.5	98.91
9/4/2024 21:00	15.95	27.91	0.44	1221.82	114.66	65.94	98.91
9/4/2024 22:00	7.79	20.72	0	325.8	4.91	67.65	98.83
9/4/2024 23:00	7.69	20.35	0	358.28	0.85	69.21	98.81
9/5/2024	6.07	19.87	0	263.92	0.12	68.74	98.77
9/5/2024 1:00	4.25	15.31	0	276.36	0.16	68.01	98.72
9/5/2024 2:00	4.8	11.37	0	266.46	0	67.76	98.69
9/5/2024 3:00	2.89	8.57	0	264.52	0	67.45	98.67
9/5/2024 4:00	2	9	0	270.43	0	66.91	98.65
9/5/2024 5:00	4	10.75	0	300.52	0	66.95	98.64

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/5/2024 6:00	4.29	9.2	0	290.69	0.11	66.56	98.63
9/5/2024 7:00	3	9.73	0	271.04	0	66.52	98.63
9/5/2024 8:00	4.74	11.45	0	296.96	0	66.39	98.58
9/5/2024 9:00	2.96	10.72	0	295.64	0	66.53	98.52
9/5/2024 10:00	3.37	11.69	0	322.53	0	66.68	98.47
9/5/2024 11:00	4.53	14.59	0	352.33	0	67.35	98.44
9/5/2024 12:00					1.99	67.47	98.41
9/5/2024 13:00					0.4	70.25	98.39
9/5/2024 14:00	21.03	48.01	0	485.1	1.76	71.66	98.33
9/5/2024 15:00	21	49.31	0	343.65	0.84	72.96	98.26
9/5/2024 16:00	16.77	38.44	0	280.18	0.79	74.24	98.21
9/5/2024 17:00	13.53	36.85	0	291.02	0	74.76	98.16
9/5/2024 18:00	10.16	27.48	0	240.1	0	74.7	98.12
9/5/2024 19:00	8.43	25.08	0	219.03	0	74.62	98.08
9/5/2024 20:00	6.47	19.8	0	234.81	0	74.43	98.07
9/5/2024 21:00	5.43	17.57	0	252.86	0	73.99	98.03
9/5/2024 22:00	4.81	15.89	0	244.61	0	73.84	97.95
9/5/2024 23:00	5.48	15.74	0	242.49	0	73.45	97.89
9/6/2024	5.06	15.12	0	232.12	0	73.22	97.86
9/6/2024 1:00	5.01	12.66	0	226.05	0	73.34	97.88
9/6/2024 2:00	5.09	12.24	0	237.15	0	73.21	97.87
9/6/2024 3:00	2.84	13.96	0	234.7	0	72.51	97.83
9/6/2024 4:00	1.71	11.05	0	224.47	0	71.95	97.77
9/6/2024 5:00	2.23	8.92	0	216.08	0	71.62	97.77
9/6/2024 6:00	2.11	7.47	0	205.76	0	71.31	97.8
9/6/2024 7:00					0	70.89	97.8
9/6/2024 8:00					0	70.82	97.8
9/6/2024 9:00	3.94	7.98	0	222.5	0	71.09	97.81
9/6/2024 10:00					0	71.29	97.84
9/6/2024 11:00	2.48	5.97	0	214.38	0	71.46	97.83

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/6/2024 12:00	1.6	6.57	0	231.15	0	71.46	97.83
9/6/2024 13:00	2.1	8.7	0	231.87	0	71.2	97.84
9/6/2024 14:00	6.07	14.54	0	257.36	0	70.87	97.83
9/6/2024 15:00	3.19	14.79	0	230.43	0	70.59	97.82
9/6/2024 16:00	3.51	12.65	0	240.74	0	70.18	97.78
9/6/2024 17:00	4.25	10.01	0	229.01	0	69.62	97.83
9/6/2024 18:00	2.93	10.88	0	224.8	0	68.77	97.82
9/6/2024 19:00	3.9	11.46	0	223.08	0	68.27	97.83
9/6/2024 20:00	4.17	8.84	0	207.83	0	67.51	97.84
9/6/2024 21:00	3.06	6.75	0	158.83	0	66.52	97.83
9/6/2024 22:00	1.49	5.58	0	179.93	0	65.9	97.82
9/6/2024 23:00	3.2	3.95	0	184.56	0	65.57	97.8
9/7/2024	1.71	4.04	0	187.48	0	65.11	97.77
9/7/2024 1:00	1.85	4.39	0	187.14	0	65.12	97.72
9/7/2024 2:00	1.1	4.71	0	179.67	0	64.93	97.71
9/7/2024 3:00	2.36	6.53	0	188.68	0	64.55	97.69
9/7/2024 4:00	2.5	4.5	0	185.31	0	64.24	97.69
9/7/2024 5:00	1.21	3.96	0	183.72	0.2	63.95	97.72
9/7/2024 6:00	1.01	5.77	0.05	337.5	43.14	63.38	97.76
9/7/2024 7:00	3.41	7.38	0	520.22	0.31	63.56	97.81
9/7/2024 8:00	3.06	5.03	0	257.91	0.09	63.23	97.82
9/7/2024 9:00	2.66	7.06	0.03	436.45	37.33	63.39	97.88
9/7/2024 10:00	1.57	4.21	0	257.84	0.09	62.92	97.91
9/7/2024 11:00	1.88	4.06	0	212.78	0	62.81	97.95
9/7/2024 12:00	2.12	4.18	0	218.53	0	62.83	97.98
9/7/2024 13:00	1.91	4.58	0	210.79	0	62.88	98.01
9/7/2024 14:00	1.18	5.89	0	204.52	0	63.05	98
9/7/2024 15:00	1.41	5.55	0	202.91	0	63.33	97.98
9/7/2024 16:00	2.11	4.81	0	200	0	63.76	98
9/7/2024 17:00	1.71	6.82	0	214.17	0	64.07	97.99

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/7/2024 18:00	1.95	6.34	0	210.22	0	64.44	97.97
9/7/2024 19:00	1.35	5.92	0	200.65	0	64.78	98
9/7/2024 20:00	1.89	6.64	0	204.9	0.12	64.97	98.03
9/7/2024 21:00	1.79	5.95	0	191.12	0	65.04	98
9/7/2024 22:00	1.86	4.24	0	190.17	0.28	64.7	98.02
9/7/2024 23:00	1.51	5.36	0	182.76	0.08	64.09	98.03
9/8/2024	1.6	4.56	0	182.71	0.24	63.82	98.05
9/8/2024 1:00	1.72	3.64	0	188.42	0	63.32	98.03
9/8/2024 2:00	2	3.34	0	190.49	0.13	62.89	98.03
9/8/2024 3:00	0.9	2.27	0	182.86	0	62.54	98.03
9/8/2024 4:00	1.86	3.7	0	219.99	0	62.06	98.04
9/8/2024 5:00	5.19	14.72	0.45	1359.77	74	61.31	98.1
9/8/2024 6:00	9.99	21.74	0.09	2206.02	32.34	62.51	98.16
9/8/2024 7:00	5.52	13.42	0.03	1524.32	6.99	62.73	98.17
9/8/2024 8:00	5.99	12.32	0	865.93	0	62.97	98.14
9/8/2024 9:00	1.4	7.68	0	479.98	0	63.81	98.13
9/8/2024 10:00	2.89	7.02	0	393.6	0.12	63.76	98.14
9/8/2024 11:00	1.85	5.22	0	290.57	0	64.99	98.1
9/8/2024 12:00	1.66	5.18	0	225.67	0	65.78	98.02
9/8/2024 13:00	2.58	5.58	0	237.66	0	66.62	98.01
9/8/2024 14:00	1.72	6.47	0	226.34	0	67.55	98.01
9/8/2024 15:00	3.03	8.46	0	209.42	0	68.52	97.98
9/8/2024 16:00	1.92	7.11	0	207.83	0	69.27	97.95
9/8/2024 17:00	2.12	10	0	243.25	0	69.91	97.94
9/8/2024 18:00	1.76	11.27	0	225.52	0	70.18	97.96
9/8/2024 19:00	4.23	13.12	0	219.1	0.02	70.72	97.97
9/8/2024 20:00	3.2	14.08	0	231.2	0.08	70.91	98.01
9/8/2024 21:00	3.13	9.57	0	217.24	0.09	70.84	98.02
9/8/2024 22:00	10.77	33.48	0.2	1360.21	27.86	69.62	98.1
9/8/2024 23:00	19.06	52.95	0.34	2604.83	46.04	70.71	98.16

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/9/2024	5.55	15.2	0.01	1135.01	2.31	71.6	98.09
9/9/2024 1:00	2.07	7.35	0	292.34	0.08	71.61	98.03
9/9/2024 2:00	3.04	7.06	0	211.45	0.09	70.58	97.99
9/9/2024 3:00	1.78	6.09	0	195.42	0.08	69.72	97.98
9/9/2024 4:00	2.9	6.21	0	202.47	0	69.05	97.97
9/9/2024 5:00	1.14	6.04	0	201.59	0.1	68.6	97.97
9/9/2024 6:00	1.41	4.64	0	181.37	0.18	68.19	97.95
9/9/2024 7:00	1.92	4.73	0	194.88	0	67.88	97.96
9/9/2024 8:00	1.22	7.37	0	197.23	0	67.74	97.96
9/9/2024 9:00	5.48	13.19	0	625.6	0.84	66.44	97.95
9/9/2024 10:00	21.35	40.27	3.39	2931.3	475.46	65.48	98.03
9/9/2024 11:00	8.16	18.55	0.57	1037.34	237.43	63.5	97.88
9/9/2024 12:00	5.1	17.86	0.01	448.02	5.31	68.65	97.82
9/9/2024 13:00	4.24	14.18	0	247.56	0	71.26	97.83
9/9/2024 14:00	6.48	15.6	0	241.97	0	71.96	97.84
9/9/2024 15:00	3.81	14.27	0	249.99	0	72.8	97.83
9/9/2024 16:00	5.62	16.81	0	251.49	0	73.31	97.87
9/9/2024 17:00	7.34	23.68	0	231.37	0	73.24	97.94
9/9/2024 18:00	5.86	20.52	0	198.75	0	72.49	98
9/9/2024 19:00	5.36	19.51	0	211.79	0	71.44	98.06
9/9/2024 20:00	6.55	19.55	0	232.34	0	70.52	98.11
9/9/2024 21:00	3.78	15.41	0	205.91	0	69.98	98.15
9/9/2024 22:00	3.21	11.37	0	201.13	0	69.49	98.19
9/9/2024 23:00	2.58	8.91	0	198.11	0	69.06	98.22
9/10/2024	2.23	6.73	0	178.53	0	69.37	98.23
9/10/2024 1:00	0.98	5.31	0	180.48	0	69.74	98.25
9/10/2024 2:00	2.71	5.62	0	188.5	0	69.92	98.26
9/10/2024 3:00	2.58	5.83	0	171.95	0	70.03	98.25
9/10/2024 4:00	2.25	6.84	0	186.77	0	70	98.26
9/10/2024 5:00	1.88	5.83	0	169.62	0	69.99	98.29

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/10/2024 6:00	1.71	4.94	0	179.32	0	69.8	98.36
9/10/2024 7:00	1.82	4.83	0	189.57	0	69.61	98.4
9/10/2024 8:00	1.56	5.47	0	176.33	0	69.79	98.39
9/10/2024 9:00	2.19	7.36	0	185.91	0	69.97	98.38
9/10/2024 10:00	2.75	5.67	0	200.29	0	70.21	98.38
9/10/2024 11:00	2.6	7.63	0	192.9	0	70.77	98.37
9/10/2024 12:00	3.55	11.03	0	186.52	0	71.78	98.3
9/10/2024 13:00	2.85	14.85	0	226.26	0	73.03	98.28
9/10/2024 14:00	4.43	16.24	0	216.09	0	74.48	98.26
9/10/2024 15:00	11.63	29.45	0.08	756.95	44.18	76.1	98.25
9/10/2024 16:00	7.06	21.75	0.01	449.67	4.33	77.42	98.23
9/10/2024 17:00	7.14	24.06	0	250.57	0	77.65	98.21
9/10/2024 18:00	7.11	24.37	0	216.28	0.09	78.02	98.2
9/10/2024 19:00	5.92	21.28	0	184.85	0.01	78.2	98.21
9/10/2024 20:00	6.08	22.7	0	186.16	0.17	77.84	98.25
9/10/2024 21:00	5.51	20.39	0	175.33	0.08	76.92	98.26
9/10/2024 22:00	3.32	14.41	0	173.45	0.58	75.93	98.24
9/10/2024 23:00	3.46	11.67	0	173.39	0.1	74.85	98.25
9/11/2024	2.46	10.15	0	167.51	0.08	73.73	98.26
9/11/2024 1:00	3.11	9.56	0	152.35	0.1	72.96	98.27
9/11/2024 2:00	2.66	8.31	0	153.77	0	72.58	98.25
9/11/2024 3:00	2.81	7.53	0	169.23	0	72.3	98.26
9/11/2024 4:00	4.22	9	0.06	333.74	58.51	72.09	98.26
9/11/2024 5:00	6.21	14.14	0.13	705.55	70.55	72.83	98.32
9/11/2024 6:00					14.44	73.77	98.35
9/11/2024 7:00					0	72.98	98.35
9/11/2024 8:00					0	71.73	98.37
9/11/2024 9:00					0	71.37	98.37
9/11/2024 10:00					0	71.55	98.36
9/11/2024 11:00					0	71.78	98.35

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/11/2024 12:00					47.41	72.58	98.27
9/11/2024 13:00					78.17	75.02	98.26
9/11/2024 14:00					65.93	67.55	98.58
9/11/2024 15:00					104.19	65.96	98.77
9/11/2024 16:00					599.48	66.39	98.44
9/11/2024 17:00					442.91	66.5	98.25
9/11/2024 18:00					29.46	67.57	98.19
9/11/2024 19:00					9.33	73.21	98.18
9/11/2024 20:00					2.61	75.44	98.22
9/11/2024 21:00					62.72	73.77	98.26
9/11/2024 22:00					2.23	74.21	98.27
9/11/2024 23:00					0	73.82	98.26
9/12/2024					0	73.47	98.24
9/12/2024 1:00					0	72.97	98.25
9/12/2024 2:00					0	72.86	98.23
9/12/2024 3:00					0	72.8	98.25
9/12/2024 4:00					0	72.68	98.27
9/12/2024 5:00					0	72.6	98.31
9/12/2024 6:00					0	72.44	98.36
9/12/2024 7:00					0	72.33	98.39
9/12/2024 8:00					0.08	72.4	98.4
9/12/2024 9:00					0	72.57	98.45
9/12/2024 10:00					0	72.78	98.45
9/12/2024 11:00					0.09	73.24	98.42
9/12/2024 12:00					0	73.9	98.35
9/12/2024 13:00					0	74.53	98.35
9/12/2024 14:00					0	75.67	98.31
9/12/2024 15:00					0	76.37	98.25
9/12/2024 16:00					0	76.46	98.25
9/12/2024 17:00					0	76.53	98.27

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/12/2024 18:00					0	76.45	98.27
9/12/2024 19:00					0	76.39	98.33
9/12/2024 20:00					0	76.5	98.36
9/12/2024 21:00					0	76.74	98.39
9/12/2024 22:00					0	76.61	98.42
9/12/2024 23:00					0.12	76.21	98.43
9/13/2024					0	75.77	98.42
9/13/2024 1:00					0	75.34	98.42
9/13/2024 2:00					0	74.64	98.42
9/13/2024 3:00					0	73.65	98.43
9/13/2024 4:00					0	72.67	98.45
9/13/2024 5:00					0	72.13	98.46
9/13/2024 6:00					0	71.69	98.49
9/13/2024 7:00					0	71.21	98.53
9/13/2024 8:00					0	70.69	98.56
9/13/2024 9:00	4.82	8.88	0	261.07	0	70.41	98.59
9/13/2024 10:00	2.16	11.5	0	268.6	0	70.7	98.58
9/13/2024 11:00	5.4	14.37	0	288.4	0	70.91	98.56
9/13/2024 12:00	5.63	15.61	0	298.41	0	71.21	98.51
9/13/2024 13:00	4.46	17.5	0	313.44	0	71.58	98.48
9/13/2024 14:00	6.36	21.61	0	324.03	0	72.09	98.45
9/13/2024 15:00	7.84	22.68	0	310.65	0	72.92	98.41
9/13/2024 16:00	12.1	35.71	0	331.45	0	73.6	98.44
9/13/2024 17:00	13.3	40.54	0	332.25	0	74.04	98.47
9/13/2024 18:00	9.43	28.64	0	302.18	0.18	74.35	98.48
9/13/2024 19:00	6.3	21.36	0	281.95	0	74.66	98.51
9/13/2024 20:00	7.19	18.91	0	278.07	0	74.97	98.54
9/13/2024 21:00	6.82	17.53	0	263.06	0	75.03	98.53
9/13/2024 22:00	4.87	15.62	0	265.9	0	74.89	98.54
9/13/2024 23:00	4.86	12.68	0	235.63	0	74.46	98.53

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/14/2024	3.72	16.74	0	264.45	0	73.83	98.52
9/14/2024 1:00	2.95	12.4	0	260.59	0	73.09	98.5
9/14/2024 2:00	2.01	10.14	0	239.73	0	72.19	98.51
9/14/2024 3:00	2.4	8.51	0	235.2	0	71.25	98.5
9/14/2024 4:00	2.88	6.76	0	230.13	0	70.5	98.52
9/14/2024 5:00	3.08	7.56	0	232.02	0	69.91	98.54
9/14/2024 6:00	1.76	7.8	0	241.71	0	69.49	98.59
9/14/2024 7:00	1.65	6.35	0	223.26	0	69.47	98.64
9/14/2024 8:00	1.65	9.66	0	231.26	0	69.53	98.67
9/14/2024 9:00	1.11	7.71	0	245.8	0	69.45	98.7
9/14/2024 10:00	1.43	7.77	0	249.18	0	69.61	98.7
9/14/2024 11:00	1.98	8.48	0	267.72	0	69.83	98.66
9/14/2024 12:00	3.85	12.04	0	278.47	0	70.29	98.61
9/14/2024 13:00	6.63	22.84	0	305.51	0	71.2	98.59
9/14/2024 14:00	5.92	21.25	0	306.34	0	72.07	98.59
9/14/2024 15:00	5.94	17.01	0	300.31	0	72.84	98.55
9/14/2024 16:00	4.79	16.59	0	286.31	0	73.3	98.55
9/14/2024 17:00	6.49	21.44	0	297.63	0	73.6	98.56
9/14/2024 18:00	11.05	37	0.12	756.77	49.94	74.8	98.52
9/14/2024 19:00	5.73	19.05	0.04	372.34	39.22	77.02	98.55
9/14/2024 20:00	4.52	17.26	0	299.53	0	75.01	98.58
9/14/2024 21:00	3.46	12.04	0	264.07	0	73.68	98.59
9/14/2024 22:00	3.32	13.03	0	263.63	0	73.68	98.6
9/14/2024 23:00	2.2	12.42	0	263.65	0	73.51	98.59
9/15/2024	3.34	12.46	0	265.59	0	73.11	98.59
9/15/2024 1:00	2.53	8.71	0	262.87	0	72.32	98.58
9/15/2024 2:00	2.15	7.86	0	250.18	0	71.33	98.57
9/15/2024 3:00	1.53	6.42	0	245.19	0	70.6	98.58
9/15/2024 4:00	1.28	6.34	0	246.52	0	69.93	98.61
9/15/2024 5:00	1.81	7.77	0	255.19	0	69.24	98.66

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/15/2024 6:00	4.57	11.87	0	620.4	2.71	67.71	98.72
9/15/2024 7:00	2.15	6.86	0	370.99	0.28	68.95	98.76
9/15/2024 8:00	1.87	5.88	0	287.96	0	69.1	98.8
9/15/2024 9:00	2.07	5.68	0	306.68	0	69.29	98.82
9/15/2024 10:00	1.96	6.77	0	319.48	0	69.43	98.84
9/15/2024 11:00	1.75	8.64	0	342.86	0	69.69	98.8
9/15/2024 12:00	1.81	12.23	0	359.01	0	70.51	98.72
9/15/2024 13:00	3.18	14.04	0	369.64	0	71.56	98.67
9/15/2024 14:00	4.98	16.62	0	370.19	0	72.66	98.64
9/15/2024 15:00	5.8	21.55	0	332.29	0	73.64	98.6
9/15/2024 16:00	6.51	22.73	0	318.23	0	74.26	98.6
9/15/2024 17:00	7.15	22.92	0	314.91	0	74.82	98.61
9/15/2024 18:00	5.7	19.87	0	291.38	0	75.2	98.63
9/15/2024 19:00	5.26	15.37	0	260.88	0	75.33	98.63
9/15/2024 20:00	3.95	14.57	0	264.1	0	75.32	98.66
9/15/2024 21:00	3.57	10.67	0	245.65	0	75.11	98.66
9/15/2024 22:00	1.51	10.81	0	254.75	0	74.67	98.66
9/15/2024 23:00	2.41	9.93	0	238.75	0	74.07	98.64
9/16/2024	1.9	11.25	0	253.96	0	73.26	98.62
9/16/2024 1:00	2.09	9.15	0	233.69	0.08	72.5	98.62
9/16/2024 2:00	1.37	7.25	0	238.14	0	71.82	98.61
9/16/2024 3:00	1.42	6.38	0	239.85	0	71.19	98.62
9/16/2024 4:00	3.12	6.04	0	235.03	0	70.69	98.65
9/16/2024 5:00	2.58	6.69	0	233.16	0	70.47	98.68
9/16/2024 6:00	1.81	6.13	0	222.05	0	70.42	98.73
9/16/2024 7:00	8.29	24.97	0.37	1192.81	140.85	69.33	98.82
9/16/2024 8:00	23.08	69.42	0.19	3069.88	22.33	70.94	98.9
9/16/2024 9:00	25.83	66.45	1.04	3738.8	94.43	73.31	98.98
9/16/2024 10:00	19.43	56.49	0.43	2273.59	66.4	74.94	98.99
9/16/2024 11:00	18.88	56.34	0.42	1888.8	81.36	75.48	98.97

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/16/2024 12:00	30.83	109.85	0.09	1763.98	14.45	75.23	98.88
9/16/2024 13:00	25.36	70.33	0.25	2287.52	38.88	76.48	98.86
9/16/2024 14:00	23.67	56.02	0.07	2251.65	11.46	76.21	98.79
9/16/2024 15:00	17.82	56.07	0.31	1730.27	63.68	76.79	98.74
9/16/2024 16:00	22.65	64.91	0.08	1545.89	18.13	77.2	98.76
9/16/2024 17:00	18.11	53.27	0.06	1507.35	13.4	77.06	98.75
9/16/2024 18:00	19.17	41.9	0.14	1497.97	33.61	77.17	98.73
9/16/2024 19:00	16.94	43.45	0.26	1300.52	69.13	76.47	98.72
9/16/2024 20:00	16.32	37.67	0.49	1861.2	95.8	75.93	98.73
9/16/2024 21:00	12.54	30.8	0.56	1539.29	129.86	74.88	98.73
9/16/2024 22:00	15.43	40.89	0.62	1485.33	148.44	73.03	98.71
9/16/2024 23:00	16.75	51.08	0.38	1604.89	81.88	72.2	98.7
9/17/2024	16.57	40.83	0.41	1906.35	77.46	69.45	98.68
9/17/2024 1:00	13.2	33.4	1.33	1986.36	242.06	64.41	98.64
9/17/2024 2:00	13.37	31.98	2.1	1926.32	395.94	57.29	98.62
9/17/2024 3:00	12.47	34.2	2.21	1849.71	432.87	53.09	98.61
9/17/2024 4:00	13.67	39.67	2.52	1811.44	499.19	49.56	98.62
9/17/2024 5:00	12.47	31.7	2.36	1913.02	448.2	48.34	98.62
9/17/2024 6:00	15.23	42.18	2.28	1708.27	473.97	48.47	98.64
9/17/2024 7:00	15.79	47.29	1.24	1852.91	254.04	49.66	98.63
9/17/2024 8:00	16.6	44.05	0.08	1942.23	13.89	58.5	98.56
9/17/2024 9:00	9.04	25.63	0.28	1399.43	71.09	60.93	98.5
9/17/2024 10:00	5.56	17.48	0.07	950.63	28.03	65.72	98.45
9/17/2024 11:00	5.03	10.96	0.04	606.36	23.34	68.97	98.37
9/17/2024 12:00	1.47	5.19	0.01	323.62	10.27	70.84	98.27
9/17/2024 13:00	2.09	5.66	0	258.48	0.57	70.93	98.23
9/17/2024 14:00	1.03	5.51	0	268.9	0.08	71.3	98.21
9/17/2024 15:00	2.75	10.59	0	293.77	0	71.57	98.16
9/17/2024 16:00	3.47	12.74	0	300.07	0	72.41	98.15
9/17/2024 17:00	4.8	12.51	0	289.89	0	72.61	98.15

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/17/2024 18:00	4.53	11.78	0	280.46	0	72.48	98.15
9/17/2024 19:00	3.62	11.35	0	269.16	0	72.33	98.16
9/17/2024 20:00	4.45	13.72	0	294.54	0	72.3	98.17
9/17/2024 21:00	3.35	11.44	0	279.27	0	72.25	98.15
9/17/2024 22:00	3.37	10.98	0	272.37	0	72.07	98.15
9/17/2024 23:00	2.65	10.17	0	253.37	0	72.65	98.11
9/18/2024	1.32	8.02	0	235.68	0	72.73	98.07
9/18/2024 1:00	2.48	7.34	0	246.35	0	72.42	98.05
9/18/2024 2:00	2.17	5.2	0	246.21	0	71.77	98.04
9/18/2024 3:00	2.41	5.01	0	248.9	0	70.98	98.02
9/18/2024 4:00	1.78	5.26	0	240.68	0	70.64	98.02
9/18/2024 5:00	1.16	6.45	0	231.74	0	70.42	98.05
9/18/2024 6:00	3.32	5.64	0	229.05	0	70.5	98.08
9/18/2024 7:00	2.71	4.98	0	217.81	0	70.38	98.11
9/18/2024 8:00					0	70.31	98.11
9/18/2024 9:00					0	70.47	98.09
9/18/2024 10:00	1.78	5.93	0	235.32	0	71.05	98.05
9/18/2024 11:00	2.9	6.55	0	246.24	0	71.4	98.04
9/18/2024 12:00	2.71	8.11	0	278.99	0	71.59	98
9/18/2024 13:00	2.09	9.47	0	305.4	0	71.76	97.94
9/18/2024 14:00	3.31	9.08	0	294.5	0	71.89	97.89
9/18/2024 15:00	1.67	10.03	0	274.64	0	72.13	97.83
9/18/2024 16:00	3.01	12.01	0	274.31	0	72.21	97.81
9/18/2024 17:00	3.45	14.18	0	287.49	0	72.45	97.82
9/18/2024 18:00	4.7	13.08	0	277.15	0	72.42	97.84
9/18/2024 19:00	3.52	13.61	0	257.05	0	72.05	97.87
9/18/2024 20:00	3.93	15.22	0	277.16	0	71.99	97.88
9/18/2024 21:00	3.28	11.67	0	264.64	0	72.4	97.86
9/18/2024 22:00	3.18	9.55	0	250.95	0	72.78	97.87
9/18/2024 23:00	3.51	7.38	0	251.56	0	72.83	97.87

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/19/2024	2.67	5.26	0	244.9	0	72.92	97.85
9/19/2024 1:00	3.15	5.4	0	238.66	0	72.93	97.82
9/19/2024 2:00	1.83	5.29	0	240.86	0	72.79	97.81
9/19/2024 3:00	1.73	4.04	0	243.92	0	72.43	97.81
9/19/2024 4:00	2.28	5.23	0	239.19	0	72.36	97.81
9/19/2024 5:00	1.9	6.55	0	232.82	0	72.26	97.84
9/19/2024 6:00	1.59	5.24	0	242.2	0.08	72.23	97.87
9/19/2024 7:00	0.98	5.54	0	224.72	0	72.84	97.89
9/19/2024 8:00	1.36	5.97	0	207.83	0	73.02	97.89
9/19/2024 9:00	2.03	5.09	0	234.57	0.09	73.24	97.89
9/19/2024 10:00	1.29	5.11	0	235.28	0	73.79	97.87
9/19/2024 11:00	3.57	5.8	0	244	0	74.12	97.82
9/19/2024 12:00	1.62	5.69	0	241.88	0	74.68	97.75
9/19/2024 13:00	2.45	7.61	0	256.8	0	74.98	97.73
9/19/2024 14:00	1.47	9.05	0	248.79	0	75.34	97.69
9/19/2024 15:00	2.21	9.56	0	243.04	0	75.44	97.66
9/19/2024 16:00	2.13	9.38	0	246.03	0	75.58	97.65
9/19/2024 17:00	2.35	9.79	0	261.49	0	75.65	97.64
9/19/2024 18:00	3.07	9.45	0	269.39	0	75.58	97.62
9/19/2024 19:00	3.34	11.21	0	245.14	0	75.89	97.64
9/19/2024 20:00	4.09	17.68	0	264.72	0	76.06	97.65
9/19/2024 21:00	3.31	14.2	0	256.38	0	76.11	97.65
9/19/2024 22:00	4.74	10.81	0	239.19	0	76.08	97.62
9/19/2024 23:00	2.53	9.22	0	235.7	0	76.12	97.6
9/20/2024	2.44	9.84	0	244.52	0	75.99	97.62
9/20/2024 1:00	1.45	9.67	0	245.75	0	75.84	97.63
9/20/2024 2:00	2.21	7.36	0	226.83	0	75.74	97.63
9/20/2024 3:00	1.93	6.16	0	226.98	0	75.55	97.61
9/20/2024 4:00	0.84	6.65	0	214.23	0	75.44	97.61
9/20/2024 5:00	1.53	5.95	0	220.8	0	75.26	97.63

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/20/2024 6:00	1.51	5.52	0	232.14	0	75.03	97.64
9/20/2024 7:00	2.28	5.27	0	201.84	0	74.87	97.63
9/20/2024 8:00	0.95	5.8	0	165.23	0	74.75	97.61
9/20/2024 9:00	0.79	5.03	0	190.34	0	74.64	97.63
9/20/2024 10:00	1.85	7.21	0	241.39	0	74.75	97.59
9/20/2024 11:00	2	6.68	0	291.98	0	75	97.54
9/20/2024 12:00	2.02	7.14	0	278.03	0	75.09	97.49
9/20/2024 13:00	1.41	8.68	0	249.28	0	75.81	97.47
9/20/2024 14:00	3.15	8.51	0	255.28	0	76.44	97.43
9/20/2024 15:00	2.65	10.79	0	252.4	0	77.14	97.42
9/20/2024 16:00	3.99	12.18	0	259.68	0	77.68	97.43
9/20/2024 17:00	3.34	12.04	0	266.43	0	78.15	97.4
9/20/2024 18:00	2.21	11.19	0	257.79	0	78.35	97.39
9/20/2024 19:00	2.92	16.1	0	249.22	0	78.42	97.44
9/20/2024 20:00	3.86	17.2	0	261.03	0	78.02	97.45
9/20/2024 21:00	2.59	13.77	0	260.23	0	77.35	97.43
9/20/2024 22:00	2.84	9.6	0	247.3	0	76.48	97.43
9/20/2024 23:00	2.8	9.65	0	234.88	0.09	75.83	97.45
9/21/2024	2.86	9.85	0	243.93	0	75.58	97.45
9/21/2024 1:00	1.58	9.58	0	236.14	0	75.41	97.47
9/21/2024 2:00	1.58	7.89	0	232.3	0	75.36	97.45
9/21/2024 3:00	2.09	6.5	0	226.6	0.08	75.59	97.42
9/21/2024 4:00	2.9	7.16	0	222.31	0.1	75.74	97.42
9/21/2024 5:00	2.45	7.87	0	225.19	0	75.7	97.45
9/21/2024 6:00	2.17	7.24	0	227.76	0	75.71	97.5
9/21/2024 7:00	1.87	7.66	0	225.94	0.08	75.55	97.55
9/21/2024 8:00	2.31	6.29	0	226.77	0	75.48	97.52
9/21/2024 9:00	1.9	5.97	0	225.9	0.1	75.14	97.55
9/21/2024 10:00	2.3	6.69	0	234.2	0	74.73	97.54
9/21/2024 11:00	1.94	7.65	0	241.12	0	75.18	97.51

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/21/2024 12:00	2.6	7.62	0	236.66	0	75.89	97.46
9/21/2024 13:00	1.49	10.54	0	250.27	0	77.14	97.45
9/21/2024 14:00	5.36	18.79	0	286.63	0.01	78.31	97.45
9/21/2024 15:00	7.24	21.69	0	273.65	0.09	79.65	97.44
9/21/2024 16:00	6.45	20.54	0	265.9	0.19	80.96	97.45
9/21/2024 17:00	4.38	19.27	0	269.96	0.26	81.82	97.5
9/21/2024 18:00	5.15	16.88	0	270.93	0.08	82.04	97.53
9/21/2024 19:00	4.44	15.83	0	249.41	0	81.77	97.57
9/21/2024 20:00	3.92	15.72	0	248.73	0.15	81.14	97.6
9/21/2024 21:00	4.43	15.44	0	237.28	0.09	80.79	97.62
9/21/2024 22:00	3.6	11.1	0	198.34	0.3	80.53	97.6
9/21/2024 23:00	3.72	10.85	0	223.67	0.39	80.26	97.59
9/22/2024	2.06	9.15	0	210.84	0.34	79.86	97.58
9/22/2024 1:00	2.21	9.39	0	222.66	0.09	79.42	97.6
9/22/2024 2:00	2	7.85	0	217.95	0.21	78.73	97.6
9/22/2024 3:00	1.25	7.52	0	218.58	0.09	78.14	97.59
9/22/2024 4:00	3.2	7.26	0	209.32	0.02	77.66	97.56
9/22/2024 5:00	2.77	6.37	0	197.98	0.08	76.95	97.59
9/22/2024 6:00	3.03	8.45	0	212.32	0	76.35	97.6
9/22/2024 7:00	2.55	6.85	0	214.47	0.24	75.9	97.6
9/22/2024 8:00	1.57	7	0	212.09	0	75.31	97.61
9/22/2024 9:00	1.51	6.35	0	214.45	0	74.95	97.62
9/22/2024 10:00	1.93	6.22	0	236.32	0	74.88	97.63
9/22/2024 11:00	3.39	13.64	0	521.14	1.36	74	97.59
9/22/2024 12:00	5.19	16.56	0	674.29	1.15	74.64	97.54
9/22/2024 13:00	4.23	11.08	0	266.23	0.09	75.61	97.48
9/22/2024 14:00	3.05	12.26	0	239.37	0	75.51	97.42
9/22/2024 15:00	1.71	10.85	0	224.1	0	76.01	97.4
9/22/2024 16:00	2.05	10.27	0	244.42	0	76.61	97.4
9/22/2024 17:00	2.78	10.17	0	238.45	0	76.41	97.31

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/22/2024 18:00	1.99	9.22	0	264.39	0	75.54	97.32
9/22/2024 19:00	2.39	8.6	0	245.34	0	75.31	97.34
9/22/2024 20:00	2.9	10.3	0	236.32	0	74.54	97.33
9/22/2024 21:00	1.84	11.08	0	260.84	0	73.66	97.42
9/22/2024 22:00	3.65	10.45	0.03	293.16	33.3	71.81	97.23
9/22/2024 23:00	2.88	9.5	0	321.54	1.54	70.76	97.22
9/23/2024	3.62	8.84	0.01	334.68	12.54	70.51	97.19
9/23/2024 1:00	2.01	6.81	0	258.99	0	69.89	97.18
9/23/2024 2:00	0.74	4.85	0	236.98	0	69.87	97.18
9/23/2024 3:00	1.38	6.19	0	245.96	0.17	70.19	97.22
9/23/2024 4:00	2.2	5.34	0	247.5	0	70.1	97.28
9/23/2024 5:00	0.67	6.79	0	249.61	0	68.74	97.32
9/23/2024 6:00	2.42	6.05	0	253.08	0.09	66.91	97.42
9/23/2024 7:00	1.83	5.6	0	265.14	0.22	65.97	97.5
9/23/2024 8:00	3.06	7.5	0	206.12	0	65.72	97.54
9/23/2024 9:00	2.16	6.97	0	204.55	0	65.72	97.55
9/23/2024 10:00	1.57	6.94	0	239.01	0	65.81	97.56
9/23/2024 11:00	1.9	6.8	0	239.37	0	65.76	97.6
9/23/2024 12:00	2.28	5.75	0	256.19	0	65.36	97.64
9/23/2024 13:00	1.76	4.78	0	276.25	0	65.37	97.63
9/23/2024 14:00	1.32	6.01	0	278.34	0	65.25	97.66
9/23/2024 15:00	2.66	6.35	0	247.06	0	65.21	97.69
9/23/2024 16:00	1.14	7.71	0	227.32	0	65.23	97.72
9/23/2024 17:00	1.46	9.07	0	236.56	0	65.22	97.71
9/23/2024 18:00	3.53	9.35	0	228.9	0	65.1	97.69
9/23/2024 19:00	1.53	8.5	0	219.58	0	65.14	97.71
9/23/2024 20:00	2.27	8.56	0	227.82	0	65.2	97.72
9/23/2024 21:00	2.79	9.24	0	220.99	0	65.53	97.7
9/23/2024 22:00	1.91	7.8	0	236.07	0.1	66.21	97.65
9/23/2024 23:00	1.02	6.8	0	224.32	0.19	66.41	97.64

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/24/2024	1.97	6.03	0	219.42	0	66.73	97.61
9/24/2024 1:00	1.34	6.07	0	209.39	0	67.31	97.59
9/24/2024 2:00	1.16	4.22	0	208.49	0.18	67.74	97.52
9/24/2024 3:00	2.89	6.07	0	200.9	0.17	68.15	97.51
9/24/2024 4:00	3.23	5.7	0	209.48	0.02	68.74	97.47
9/24/2024 5:00	1.45	6.76	0	231.54	0.09	69.3	97.48
9/24/2024 6:00	1.5	5.59	0	232.35	0.03	69.89	97.49
9/24/2024 7:00	0.89	5.63	0	210.78	0.12	70.37	97.5
9/24/2024 8:00	2.36	5.74	0	210.36	0	70.73	97.5
9/24/2024 9:00	2.68	5.35	0	237.55	0	70.52	97.42
9/24/2024 10:00	1.53	4.6	0	234.48	0.12	70.25	97.41
9/24/2024 11:00	1.33	4.8	0	224.73	0	70.25	97.39
9/24/2024 12:00	2.19	4.12	0	205.65	0.1	70.57	97.32
9/24/2024 13:00	1.15	4.94	0	221.54	0	70.81	97.26
9/24/2024 14:00	1.17	4.98	0	227.87	0	70.94	97.21
9/24/2024 15:00	1.81	6.31	0	237.87	0.08	71.24	97.16
9/24/2024 16:00	1.64	6.23	0	241.32	0.18	71.31	97.14
9/24/2024 17:00	2.62	7.73	0	238.54	0.12	71.47	97.12
9/24/2024 18:00	2.91	7.22	0	248.16	0	71.58	97.14
9/24/2024 19:00	2.82	7.17	0	247.8	0	71.44	97.1
9/24/2024 20:00	3.81	7.7	0	246.58	0	71.37	97.09
9/24/2024 21:00	2.11	8.23	0	257.45	0	71.04	97.1
9/24/2024 22:00	2.81	6.42	0	256.07	0	70.03	97.06
9/24/2024 23:00	2.94	5.44	0	248.7	0	69.32	97.04
9/25/2024	1.49	4.77	0	243.11	0	69.12	97.05
9/25/2024 1:00	2.24	5.3	0	245.44	0.04	68.8	97.04
9/25/2024 2:00	1.62	4.28	0	249.38	0	68.57	97.05
9/25/2024 3:00	1.99	4.27	0	246.81	0	68.54	97.12
9/25/2024 4:00	2.28	3.92	0	241.98	0	68.58	97.18
9/25/2024 5:00	1.31	6.15	0	253.64	0	68.66	97.24

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/25/2024 6:00	1.99	5.58	0	245.58	0	68.6	97.28
9/25/2024 7:00	0.86	5.66	0	253.18	0	68.38	97.3
9/25/2024 8:00	1.85	5.31	0	275.86	0	68.32	97.31
9/25/2024 9:00		4.49	0	233.1	0.09	68.42	97.36
9/25/2024 10:00	2.87	5.36	0	237.66	0	68.7	97.39
9/25/2024 11:00	1.66	5.42	0	263.87	0	69.26	97.43
9/25/2024 12:00					0	69.42	97.47
9/25/2024 13:00	2.57	5.88	0	297.16	0	70.03	97.46
9/25/2024 14:00	1.97	5.33	0	312.25	0	70.45	97.47
9/25/2024 15:00	1.33	6.92	0	284.48	0	71.13	97.49
9/25/2024 16:00	3.78	9.69	0	279.52	0	71.76	97.54
9/25/2024 17:00	3.76	10.88	0	274.56	0	72.35	97.58
9/25/2024 18:00	3.46	9.15	0	263.35	0	72.87	97.6
9/25/2024 19:00	3.52	9.85	0	257.23	0	73.11	97.63
9/25/2024 20:00	3.41	10.35	0	269.16	0	73.15	97.65
9/25/2024 21:00	1.66	9.94	0	269.59	0	73.02	97.71
9/25/2024 22:00	2	7.53	0	254.26	0.09	72.81	97.71
9/25/2024 23:00	2.35	9.05	0	257.21	0	72.62	97.69
9/26/2024	1.78	9.76	0	256.34	0	72.44	97.68
9/26/2024 1:00	1.74	8.2	0	260.26	0	71.76	97.71
9/26/2024 2:00	2.23	6.48	0	252.78	0	70.34	97.76
9/26/2024 3:00	1.5	5.99	0	229.17	0	70	97.8
9/26/2024 4:00	2.41	5.91	0	202.04	0	70.11	97.82
9/26/2024 5:00	2.77	6.03	0	208.7	0	69.91	97.87
9/26/2024 6:00	2.47	5.6	0	208.46	0	69.39	97.91
9/26/2024 7:00	1.91	4.28	0	189.63	0	69.11	97.99
9/26/2024 8:00	1.56	5.21	0	174.82	0	69.03	98
9/26/2024 9:00	1.1	4.65	0	216.85	0	68.91	98.05
9/26/2024 10:00	1.21	6.23	0	238.52	0	68.71	98.12
9/26/2024 11:00	2.61	4.88	0	277.71	0	68.8	98.1

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/26/2024 12:00	2.95	8.75	0.02	348.51	28.76	69.59	98.05
9/26/2024 13:00	1.66	7.15	0	290.21	0	69.58	98.03
9/26/2024 14:00	1.54	6.51	0	252.05	0	69.76	98.01
9/26/2024 15:00	1.71	7.95	0	238.47	0	69.92	97.98
9/26/2024 16:00	3.18	9.6	0	242.9	0	69.87	98
9/26/2024 17:00	3.07	10.44	0	248.72	0	69.83	98
9/26/2024 18:00	1.8	7.8	0	202.18	0	69.68	97.98
9/26/2024 19:00	3.92	8.92	0	226.2	0	69.51	97.98
9/26/2024 20:00	3.23	9.96	0	232.84	0	69.72	97.98
9/26/2024 21:00	3.34	6.19	0	213.75	0	69.71	98.01
9/26/2024 22:00	1.16	5.29	0	249.41	0	69.53	98
9/26/2024 23:00	0.98	5.11	0	266.34	0	69.04	97.95
9/27/2024	2.6	4.71	0	235.89	0	69	97.92
9/27/2024 1:00	1.19	6.08	0	231.58	0	68.58	97.91
9/27/2024 2:00	3.15	5.94	0	226.17	0	68.32	97.86
9/27/2024 3:00	1.56	4.25	0	228.65	0	67.84	97.83
9/27/2024 4:00	1.06	5.25	0	230.07	0	67.43	97.84
9/27/2024 5:00	1.69	6.22	0	240.83	0	66.79	97.88
9/27/2024 6:00	1.79	6.31	0	224.46	0	66.74	97.89
9/27/2024 7:00	1.74	5.04	0	163.61	0	66.3	97.89
9/27/2024 8:00	3.07	4.48	0	155.97	0	65.64	97.84
9/27/2024 9:00	1.17	4.48	0	157.06	0	65.65	97.78
9/27/2024 10:00	1.59	5.42	0	167.65	0	65.6	97.75
9/27/2024 11:00	1.16	6.2	0	208.98	0	65.54	97.66
9/27/2024 12:00	2.24	6.65	0	220.72	0	65.78	97.57
9/27/2024 13:00	2.4	8.48	0	216.67	0	65.56	97.51
9/27/2024 14:00	4.14	11.97	0	191.13	0	65.87	97.42
9/27/2024 15:00	5.61	11.83	0	168.55	0	65.86	97.39
9/27/2024 16:00	4.47	17.28	0	182.3	0	65.55	97.36
9/27/2024 17:00	3.53	12.43	0	173.18	0	65.75	97.35

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/27/2024 18:00	3.85	9.42	0	170.91	0	65.75	97.4
9/27/2024 19:00	2.31	12.12	0	176.82	0	65.53	97.43
9/27/2024 20:00	3.52	11.68	0	184.15	0	65.2	97.47
9/27/2024 21:00	2.06	9.96	0	188.01	0	65.02	97.44
9/27/2024 22:00	2.64	8.19	0	175.39	0	64.79	97.41
9/27/2024 23:00	1.5	8.15	0	169.18	0	63.98	97.39
9/28/2024	2.21	6.62	0	158.84	0	64.28	97.35
9/28/2024 1:00	0.76	6.21	0	157.64	0	64.17	97.3
9/28/2024 2:00	2.22	7.97	0	163.89	0	64.17	97.24
9/28/2024 3:00	2.26	8.02	0	166.46	0	64.2	97.21
9/28/2024 4:00	1.89	7.47	0	164.81	0	64.38	97.22
9/28/2024 5:00	2.55	7.56	0	166.12	0	64.68	97.26
9/28/2024 6:00	4.35	8.53	0	168.33	0	64.94	97.31
9/28/2024 7:00	1.79	8.13	0	162.15	0	65.35	97.34
9/28/2024 8:00	3.25	11.96	0	175.94	0	65.77	97.36
9/28/2024 9:00	3.12	10.3	0	181.82	0	66.15	97.38
9/28/2024 10:00	2.84	9.09	0	165.65	0	66.54	97.36
9/28/2024 11:00	2.88	8.17	0	172.75	0	66.65	97.37
9/28/2024 12:00	1.85	8.33	0	177.31	0	67.02	97.36
9/28/2024 13:00	2.22	8.33	0	187.44	0	67.22	97.34
9/28/2024 14:00	2.43	9.08	0	184.85	0	67.4	97.35
9/28/2024 15:00	5.93	20.5	0	142.75	0	67.39	97.37
9/28/2024 16:00	3.8	13.3	0	130.77	0	67.41	97.4
9/28/2024 17:00	2.51	13.64	0	157.54	0	66.77	97.4
9/28/2024 18:00	3.16	10.34	0	177.43	0	66.5	97.43
9/28/2024 19:00	1.38	8.47	0	180.72	0	66.6	97.48
9/28/2024 20:00	0.74	6.94	0	158.27	0	66.71	97.52
9/28/2024 21:00	1.64	7.32	0	143.23	0	66.94	97.55
9/28/2024 22:00	0.98	6	0	135.35	0	66.81	97.57
9/28/2024 23:00	2.43	6.94	0	162.61	0	66.53	97.57

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/29/2024	1.93	7.8	0	176.94	0	66.21	97.58
9/29/2024 1:00	0.92	5.79	0	161.92	0	66.16	97.57
9/29/2024 2:00	1.3	5.04	0	151.45	0	66.02	97.59
9/29/2024 3:00	1.2	5.65	0	150.51	0	65.76	97.6
9/29/2024 4:00	2	5.7	0	148.75	0	65.82	97.62
9/29/2024 5:00	1.16	6.79	0	154.05	0	65.61	97.65
9/29/2024 6:00	2	7.25	0	152.75	0	65.42	97.7
9/29/2024 7:00	1.84	9.25	0	339.32	1.4	63.68	97.73
9/29/2024 8:00	1.54	7.76	0	222.09	0	64.31	97.77
9/29/2024 9:00	2.55	8.04	0	160.38	0	64.44	97.81
9/29/2024 10:00	3.06	7.63	0	160.08	0	64.09	97.82
9/29/2024 11:00	2.75	6.79	0	146.81	0	63.79	97.83
9/29/2024 12:00	1	7.12	0	149.44	0	63.83	97.83
9/29/2024 13:00	1.73	7.06	0	152.58	0	64.09	97.81
9/29/2024 14:00	1.6	7.29	0	157.75	0	64.42	97.77
9/29/2024 15:00	1.33	8.09	0	161.15	0	64.76	97.76
9/29/2024 16:00	2.96	11.53	0	166.21	0	64.71	97.76
9/29/2024 17:00	3.26	11.06	0	163.93	0	64.77	97.78
9/29/2024 18:00	1.55	10.53	0	168.49	0	64.5	97.82
9/29/2024 19:00	1.73	8.24	0	155.99	0	64.85	97.85
9/29/2024 20:00	2.48	7.11	0	145.98	0	65.09	97.86
9/29/2024 21:00	2.21	10.87	0	148.99	0	64.76	97.87
9/29/2024 22:00	2.27	9.51	0	148.89	0	65.51	97.88
9/29/2024 23:00	2.07	7.84	0	145.82	0	65.81	97.87
9/30/2024	3.52	10.65	0	157.81	0	65.92	97.87
9/30/2024 1:00	1.55	7.47	0	138.06	0	66.38	97.87
9/30/2024 2:00	1.59	5.81	0	138.94	0	66.18	97.86
9/30/2024 3:00	2.15	5.92	0	144.18	0	66.08	97.87
9/30/2024 4:00	1.14	5.26	0	151.01	0	66.03	97.89
9/30/2024 5:00	1.16	4.32	0	143.43	0	65.84	97.92

O.Reg 88/22 s34: Main Plant Flare 36" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/30/2024 6:00	1.96	5.15	0	145.77	0	65.2	97.95
9/30/2024 7:00	2.57	5.82	0	135.52	0	65.26	97.99
9/30/2024 8:00	1.2	6.88	0	138.03	0	65.25	97.99
9/30/2024 9:00	2.22	5.64	0	146.05	0	65.19	98
9/30/2024 10:00	1.73	5.67	0	138.41	0	65.66	97.99
9/30/2024 11:00	1.98	5.65	0	146.39	0	65.93	97.96
9/30/2024 12:00	1.69	6.05	0	162.86	0	66.04	97.9
9/30/2024 13:00	2.1	6.26	0	159.81	0	66.65	97.84
9/30/2024 14:00	1.44	7.01	0	162.95	0	67.08	97.8
9/30/2024 15:00	2.73	7.67	0	144.37	0	67.73	97.77
9/30/2024 16:00	2.2	10.97	0	152.68	0	68.11	97.79
9/30/2024 17:00	2.89	13.51	0	150.8	0	68.99	97.8
9/30/2024 18:00	3.07	12.44	0	142.56	0	69.52	97.81
9/30/2024 19:00	3.87	13.37	0	136.93	0	69.76	97.8
9/30/2024 20:00	1.31	12.66	0	112.01	0	70.24	97.82
9/30/2024 21:00	2.91	14.43	0	134.48	0	70.34	97.82
9/30/2024 22:00							
9/30/2024 23:00							
10/1/2024							

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/1/2024 1:00	2.76	12.93	0.8	393.21	713.47	58.75	99.92
7/1/2024 2:00	2.66	11.12	0.77	374.93	724.18	58.81	99.95
7/1/2024 3:00	1.31	9.49	0.73	361.44	730.01	58.82	99.98
7/1/2024 4:00	1.22	10.67	0.76	363.13	753.33	58.94	99.96
7/1/2024 5:00	2.32	9.52	0.76	364.05	745.51	58.99	99.99
7/1/2024 6:00	2.17	11.82	0.74	359.44	727.11	59.1	100.04
7/1/2024 7:00	1.46	10.01	0.74	359.1	734.51	59.33	100.08
7/1/2024 8:00	1.89	11.45	0.69	353.9	693.06	59.67	100.11
7/1/2024 9:00	1.89	11.86	0.72	364.25	696.52	60.1	100.08
7/1/2024 10:00	2.73	14.65	0.73	383.48	665.32	60.7	100.09
7/1/2024 11:00	1.1	12.96	0.7	379.7	657.21	61.4	100.09
7/1/2024 12:00	2.62	15.04	0.79	415.52	668.5	62.11	100.07
7/1/2024 13:00	3.93	16.39	0.86	462.81	652.32	62.89	100.05
7/1/2024 14:00	3.42	18.14	0.88	486.55	636.23	63.53	100.02
7/1/2024 15:00	3.62	22.89	0.93	485.15	659.03	64.11	99.94
7/1/2024 16:00	4.25	26.46	0.96	448.63	717.7	64.6	99.91
7/1/2024 17:00	11.35	52.11	1.37	516.53	824.2	65.02	99.92
7/1/2024 18:00	13.4	60.73	1.34	484.39	814.29	65.4	99.87
7/1/2024 19:00	13.46	58.21	1.22	455.39	785.67	65.76	99.85
7/1/2024 20:00	11.42	51.8	1.07	421.8	750.73	65.86	99.83
7/1/2024 21:00	9.19	46.16	0.94	384.29	733.53	65.62	99.85
7/1/2024 22:00	9.47	44.56	1.01	398.43	771.17	65.24	99.86
7/1/2024 23:00	9.95	44.01	0.97	400.05	736.89	64.76	99.84
7/2/2024	10.65	37.52	0.93	386.53	745.54	64.39	99.82
7/2/2024 1:00	5.27	32.4	0.87	368.61	754.69	64.02	99.8
7/2/2024 2:00	4.73	26.39	0.82	364.66	731.82	63.58	99.81
7/2/2024 3:00	3.32	22.04	0.82	376.17	732.38	63.1	99.78
7/2/2024 4:00	4.83	19.61	0.8	364.79	740.18	62.61	99.78
7/2/2024 5:00	3.29	15.91	0.69	325.9	728.67	62.42	99.79
7/2/2024 6:00	2.32	14.99	0.7	324.04	745.79	62.36	99.77

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/2/2024 7:00	1.83	15.01	0.68	329.34	711.31	62.18	99.77
7/2/2024 8:00	2.17	15.34	0.7	345.6	704.88	62.16	99.76
7/2/2024 9:00	4.87	18.36	0.72	344.89	709.31	62.39	99.76
7/2/2024 10:00	3.18	23.33	0.72	337.97	705.54	62.63	99.71
7/2/2024 11:00	4.71	27.36	0.78	366.62	691.94	63.05	99.67
7/2/2024 12:00	6.31	29.94	0.85	409.37	674.94	63.53	99.63
7/2/2024 13:00	4.18	31.41	0.96	441.58	716.34	64.08	99.57
7/2/2024 14:00	6.12	42.93	1.04	439.45	732.99	64.47	99.52
7/2/2024 15:00	14.66	71.27	1.26	446.41	753.71	64.83	99.49
7/2/2024 16:00	14.35	75.54	1.21	414.44	793.98	65.23	99.47
7/2/2024 17:00	15.99	69.67	1.09	385.93	765.58	65.48	99.37
7/2/2024 18:00	15.14	64.78	1.12	392.42	786.09	65.42	99.26
7/2/2024 19:00	15.32	57.64	1.04	382.02	774.18	65.09	99.19
7/2/2024 20:00	20.11	38.23	0.47	182.79	757.87	64.67	99.12
7/2/2024 21:00	17.09	21.34	0.49	228.61	784.66	64.23	99.07
7/2/2024 22:00	4.99	25.15	0.66	305.6	753.02	63.82	99.12
7/2/2024 23:00	6.77	27.61	0.82	357.85	751.58	63.47	99.08
7/3/2024	8.21	28.28	0.79	323.89	778.41	63.2	99
7/3/2024 1:00	5.69	30.44	0.79	334.35	753.11	62.89	98.93
7/3/2024 2:00	7.5	36.11	0.84	342.99	758.21	62.55	98.86
7/3/2024 3:00	7.41	37.64	0.85	334.14	771.52	62.29	98.74
7/3/2024 4:00	8.61	30.99	0.81	338.34	752.61	62.18	98.75
7/3/2024 5:00	4.92	26.87	0.79	339.57	749.53	62.22	98.7
7/3/2024 6:00	3.75	31.23	0.84	353.46	757.03	62.19	98.68
7/3/2024 7:00	6.14	34.49	0.87	358.2	765.64	62.32	98.67
7/3/2024 8:00	5.5	34.71	0.83	364.82	729.33	62.6	98.69
7/3/2024 9:00					733.99	63.1	98.69
7/3/2024 10:00					722.69	63.99	98.68
7/3/2024 11:00	17.1	37.46	0.94	390.26	730.14	65.05	98.69
7/3/2024 12:00	10.42	28.09	0.85	370.97	740.27	65.99	98.71

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/3/2024 13:00	37.08	28.07	0.62	267.41	726.71	66.72	98.72
7/3/2024 14:00	8.55	27.12	0.53	244.18	724.78	67.21	98.75
7/3/2024 15:00	22.4	12.95	0.28	131.85	770.75	67.68	98.7
7/3/2024 16:00	30.23	37.42	0.22	71.12	761.26	68.13	98.7
7/3/2024 17:00	17.98	27.64	0.33	150.28	756.31	68.65	98.69
7/3/2024 18:00	28.44	42.73	0.28	95.7	746.18	68.85	98.68
7/3/2024 19:00	33.2	40.01	0.51	186.55	754.2	69.09	98.69
7/3/2024 20:00	11.42	40.44	0.37	141.13	790.89	69.29	98.7
7/3/2024 21:00	25.41	29.5	0.42	174.78	785.44	69.17	98.74
7/3/2024 22:00	8.96	22.41	0.74	329.7	769.39	68.8	98.8
7/3/2024 23:00	20.68	19.49	0.82	350.26	778.21	68.36	98.82
7/4/2024	20.72	33.32	0.82	365.47	706.05	67.83	98.87
7/4/2024 1:00	15.6	25.4	0.34	160.57	737.28	67.41	98.9
7/4/2024 2:00	11.64	18.72	0.54	260.44	720.08	67.01	98.89
7/4/2024 3:00	4.26	14.37	0.56	284.03	699.81	66.63	98.91
7/4/2024 4:00	7.9	15.67	0.6	285.28	711.86	66.28	98.87
7/4/2024 5:00	6.52	12.33	0.56	270.13	717.97	66	98.86
7/4/2024 6:00	3.64	15.6	0.6	293.37	698.09	65.74	98.87
7/4/2024 7:00	4.75	13.17	0.59	298.19	689.61	65.53	98.85
7/4/2024 8:00	4.96	16.26	0.66	312.87	737.15	65.75	98.84
7/4/2024 9:00	5.57	21.76	0.64	315.85	671.83	66.41	98.84
7/4/2024 10:00	4.46	13.02	0.57	294.79	685.28	67.23	98.85
7/4/2024 11:00	11.96	23.22	0.57	439.77	471.03	67.97	98.9
7/4/2024 12:00	6.69	20.95	0	435.98	1.15	66.84	98.92
7/4/2024 13:00	4.99	27.8	0	383.18	3.32	66.83	98.86
7/4/2024 14:00	20.89	32.75	0.6	277.31	705.89	68.5	98.82
7/4/2024 15:00	9.34	39.74	0.67	270.84	854.81	70.07	98.77
7/4/2024 16:00	26.07	36.35	0.54	204.66	796.17	70.32	98.66
7/4/2024 17:00	15.32	42.54	0.47	174.28	762.96	70.39	98.59
7/4/2024 18:00	18.34	30.77	0.33	133.66	715.19	70.21	98.62

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/4/2024 19:00	9.1	19.81	0.1	62.41	705.77	69.89	98.65
7/4/2024 20:00	39.36	8.82	0.12	93.57	708.33	69.54	98.64
7/4/2024 21:00	24.58	21.04	0.25	120.49	699.24	69.17	98.62
7/4/2024 22:00	12.26	33.43	0.55	232.9	710.13	68.74	98.63
7/4/2024 23:00	7.22	17.91	0.6	299.6	706.62	68.43	98.59
7/5/2024	4.9	18.88	0.58	300.31	689.55	68.12	98.57
7/5/2024 1:00	6.07	17.75	0.65	304.26	725.56	67.78	98.53
7/5/2024 2:00	4.37	11.7	0.61	318.78	693.03	67.49	98.5
7/5/2024 3:00	7.37	15.88	0.63	317.91	685.71	67.22	98.48
7/5/2024 4:00	6.15	15.16	0.6	296.94	695.34	66.91	98.5
7/5/2024 5:00	6.73	16.97	0.58	290.26	672.74	66.66	98.5
7/5/2024 6:00	6.7	12.1	0.57	287.61	701.91	66.4	98.54
7/5/2024 7:00	4.75	13.6	0.58	286.23	706.95	66.48	98.51
7/5/2024 8:00	7.47	17.1	0.56	274.47	693.01	66.85	98.46
7/5/2024 9:00	8.42	18.98	0.64	317.49	675.29	67.5	98.48
7/5/2024 10:00	8.79	14.45	0.61	315.03	669.61	68.37	98.49
7/5/2024 11:00	7.46	20.41	0.63	329.02	641.86	69.1	98.48
7/5/2024 12:00	5.57	19.7	0.64	335.05	644.38	69.26	98.51
7/5/2024 13:00	6.07	15.92	0.62	322.48	666.54	69.05	98.53
7/5/2024 14:00	9.63	16.06	0.63	329.68	652.83	68.74	98.51
7/5/2024 15:00	8.59	15.22	0.64	326.26	678.87	68.41	98.45
7/5/2024 16:00	8.51	14.8	0.61	314.63	662.39	67.6	98.35
7/5/2024 17:00	5.24	18.16	0.61	320.78	651.99	67.33	98.31
7/5/2024 18:00	8.23	16.58	0.61	307.68	673.03	67.58	98.29
7/5/2024 19:00	9.24	26.53	3.03	829.97	1029.92	68.21	98.34
7/5/2024 20:00	10.02	41.32	11.31	2660.51	1579.29	68.74	98.43
7/5/2024 21:00	10.95	43.37	10.41	2464.64	1544.22	67.89	98.48
7/5/2024 22:00	14.7	39.86	10.27	2295.66	1618.93	66.7	98.58
7/5/2024 23:00	9.66	41.1	11.8	2507.65	1714.21	65.35	98.62
7/6/2024	9.01	39.11	14.64	2591.35	2067.41	63.25	98.65

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/6/2024 1:00	7.88	38.59	13.97	2278.37	2234.35	60.73	98.63
7/6/2024 2:00	10.42	37.51	14.71	2283.17	2343.85	58.83	98.57
7/6/2024 3:00	11.68	43.65	15.65	2395.08	2368.01	57.39	98.56
7/6/2024 4:00	10.31	43.87	16.17	2472.91	2373.88	56.24	98.57
7/6/2024 5:00	8.47	41.95	17	2590.41	2392.41	55.31	98.61
7/6/2024 6:00	15.04	41.26	17.96	2729.54	2397.88	54.53	98.66
7/6/2024 7:00	8.42	42.03	17.84	2734.61	2383.61	53.9	98.71
7/6/2024 8:00	11.27	53.43	17.53	2665.9	2377.24	53.5	98.79
7/6/2024 9:00	12.27	56.79	16.9	2622.22	2319.63	53.39	98.82
7/6/2024 10:00	12.12	53.69	16.42	2582.07	2293.21	53.42	98.83
7/6/2024 11:00	14.93	52.92	18.48	2834.99	2361.13	53.66	98.89
7/6/2024 12:00	31.18	55.78	13.43	2529.49	1887.14	53.79	98.9
7/6/2024 13:00	31.81	23.04	2.42	552.26	1615.61	54.16	98.86
7/6/2024 14:00	24.27	34.49	0.69	66.51	2651.39	54.26	98.91
7/6/2024 15:00	57.1	16.46	0.57	50.12	2584.49	54.88	98.95
7/6/2024 16:00	11.29	25.63	0.47	50.88	2497.66	55.7	98.93
7/6/2024 17:00	26.73	28.65	0.66	78.26	2462.79	56.05	98.94
7/6/2024 18:00	34.03	36.91	1.57	186.91	2448.58	55.72	98.97
7/6/2024 19:00	7.88	23.67	8.69	1299.72	2507.86	55.27	99.01
7/6/2024 20:00	8.9	39.15	19.24	2751.35	2561.94	54.94	99.02
7/6/2024 21:00	10.32	42.63	20.46	2915.9	2563.74	54.47	99.1
7/6/2024 22:00	9.54	39.76	19.4	2845.01	2497.04	53.85	99.17
7/6/2024 23:00	8.44	39.7	19.46	2840.2	2508.7	53.25	99.2
7/7/2024	10.41	42.06	21.79	2953.08	2696.08	52.24	99.2
7/7/2024 1:00	13.13	36.58	21.18	2174.41	3575.73	48.85	99.08
7/7/2024 2:00	7.69	26.93	15.59	1120.77	4975.1	43.88	98.97
7/7/2024 3:00	10.67	22.02	13.66	870.59	5553.99	38.92	98.95
7/7/2024 4:00	9.26	21.35	13.89	845.07	5839.39	36.78	98.94
7/7/2024 5:00	8.83	23.84	15.04	939.83	5696.33	36.32	98.96
7/7/2024 6:00	9.03	23.6	15.16	1024.16	5305.71	36.47	99

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/7/2024 7:00	8.53	25.74	23.7	1741.97	4991.16	36.49	99.15
7/7/2024 8:00	9.67	27.43	16.3	1282.26	4562.34	36.07	99.12
7/7/2024 9:00	11.29	30.22	13.67	1198.33	4076.66	37.97	99.12
7/7/2024 10:00	9.97	30.63	16.54	1805.49	3323.52	42.19	99.22
7/7/2024 11:00	7.53	29.99	16.47	2170.47	2778.94	45.19	99.26
7/7/2024 12:00	7	32.62	22.42	3513.66	2410.48	47.45	99.31
7/7/2024 13:00	9.8	38.07	21.46	3029.91	2585.98	49.46	99.45
7/7/2024 14:00	19.07	37.15	17.38	2569.65	2451.22	51.37	99.42
7/7/2024 15:00	14.44	48.06	16.4	2696.69	2273.33	52.76	99.45
7/7/2024 16:00	16.25	28.06	12.8	1881.43	2534.02	54.04	99.51
7/7/2024 17:00	10.36	41.22	1.68	238.17	2338.11	54.78	99.51
7/7/2024 18:00	29.71	27.92	1.23	215.65	2120.67	56.26	99.28
7/7/2024 19:00	13.21	25.29	0.58	77.63	2100.13	57.14	99.34
7/7/2024 20:00	58.94	31.34	0.42	80.82	1000.6	58.51	99.29
7/7/2024 21:00	18.85	35.09	0.11	47.53	909.6	60.04	99.23
7/7/2024 22:00	33.38	13.33	0.1	74.43	788.46	61.25	99.23
7/7/2024 23:00	21.42	31.57	0.27	109.91	698.47	62.26	99.21
7/8/2024	26.41	29.85	0.16	85.68	640.25	62.99	99.17
7/8/2024 1:00	9.16	29.52	0.14	71.08	650.14	63.63	99.17
7/8/2024 2:00	35.54	13.8	0.07	31.35	618	64.05	99.16
7/8/2024 3:00	13.64	19.13	0.07	21.12	629.39	64.41	99.15
7/8/2024 4:00	12.98	19.03	0.1	48.77	655.78	64.55	99.16
7/8/2024 5:00	17.8	38.58	0.18	53.24	627.92	64.43	99.17
7/8/2024 6:00	42.3	30.12	0.12	47.37	633.5	64.26	99.18
7/8/2024 7:00	10.44	19.79	0.05	56.81	639.57	63.98	99.2
7/8/2024 8:00	16.35	34.75	0.15	83.62	630.37	63.86	99.19
7/8/2024 9:00	27.04	25.11	0.1	53.23	619.66	64.1	99.17
7/8/2024 10:00	14.72	26.25	0.1	49.02	631.09	64.66	99.17
7/8/2024 11:00	26.24	16.56	0.17	96.67	671.86	65.67	99.18
7/8/2024 12:00	13.63	39.13	0.13	69.67	601.75	66.37	99.17

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/8/2024 13:00					624.99	67.65	99.13
7/8/2024 14:00					618.01	68.69	99.09
7/8/2024 15:00					1245.78	69.57	99.12
7/8/2024 16:00					2387.38	68.41	98.85
7/8/2024 17:00					3115.46	63.52	98.72
7/8/2024 18:00					3374.3	59.41	98.67
7/8/2024 19:00	7.83	32.33	14.06	1886.57	2831.47	58.34	98.71
7/8/2024 20:00	9.04	33	9.74	2031.2	1756.18	59.83	98.81
7/8/2024 21:00	7.88	28.18	5.24	1789.33	1052.21	60.66	98.93
7/8/2024 22:00	3.96	16.93	2.28	1005.59	819.85	61.43	98.96
7/8/2024 23:00	5.51	12.37	1.34	686.49	702.28	62	98.94
7/9/2024	2.59	12.4	1.02	580.96	632.62	62.4	98.96
7/9/2024 1:00	2.8	10.96	0.9	517.86	627.64	62.9	98.91
7/9/2024 2:00	2.69	10.57	0.81	469.57	619.45	63.41	98.89
7/9/2024 3:00	1.14	10.64	0.77	447.67	621	63.87	98.87
7/9/2024 4:00	2.59	9.86	0.71	413.02	618.48	64.08	98.85
7/9/2024 5:00	1.48	11.33	0.73	406.12	638.67	64.17	98.86
7/9/2024 6:00	2.95	9.76	0.72	411.13	625.97	64.32	98.89
7/9/2024 7:00	5.84	32.51	6.77	1675.6	1152.61	64.56	98.97
7/9/2024 8:00	16.23	75.13	32.37	2325	4634.98	60.12	98.98
7/9/2024 9:00	28.73	102.29	15.44	706.98	6204.71	48.97	98.7
7/9/2024 10:00	30.71	108.91	16.3	763.32	6079.07	42.45	98.7
7/9/2024 11:00	32.65	113.04	17.17	808.39	6071.32	39.9	98.7
7/9/2024 12:00	32.37	115.57	18.53	886.79	6080.31	39.88	98.67
7/9/2024 13:00	34.87	118.87	21.05	977.39	6354.85	41.01	98.64
7/9/2024 14:00	34.51	119.37	21.61	821.82	7441.32	41.59	98.64
7/9/2024 15:00	28.62	97.28	11.13	1254.51	2777.05	44.35	98.66
7/9/2024 16:00	21	71.8	16.05	2044.02	2721.82	47.13	98.88
7/9/2024 17:00	19.73	66.81	20.16	2718.99	2623.24	49.32	98.87
7/9/2024 18:00	17.25	62.16	20.54	2705.44	2719.99	50.79	98.95

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/9/2024 19:00	15.24	62.89	17.17	2148.48	2861.05	51.41	98.98
7/9/2024 20:00	12.33	50.55	11.28	1901.19	2099.23	51.62	98.79
7/9/2024 21:00	12.19	48.57	13.84	1834.17	2686.94	52.16	98.82
7/9/2024 22:00	13.25	53.32	15.6	2169.49	2582.12	52.75	98.87
7/9/2024 23:00	10.87	53.37	21.5	3138.69	2493.57	53.01	98.83
7/10/2024	12.36	53.7	24.31	3626.91	2448.1	53.19	98.76
7/10/2024 1:00	12.74	57.36	18.3	2929.98	2255.06	53.39	98.65
7/10/2024 2:00	12.23	55.89	14.64	2484.06	2118.61	53.34	98.59
7/10/2024 3:00	10.27	48.73	14.36	2526.44	2056.99	53.2	98.5
7/10/2024 4:00	10.52	44.21	13.59	2596.21	1902.14	53	98.4
7/10/2024 5:00	11.81	53.52	12.95	2688.36	1740.52	53	98.23
7/10/2024 6:00	11.98	50.49	8.8	2862.6	1110.36	52.89	98.25
7/10/2024 7:00	7.35	32.77	0.56	2010.39	108.33	52.18	98.17
7/10/2024 8:00	5.18	17.41	0.3	1040.27	96.89	51.83	98.05
7/10/2024 9:00	3.81	11.21	0.08	549.51	50.53	51.5	97.97
7/10/2024 10:00	3.57	9.62	0.01	428.15	11.06	51.11	97.92
7/10/2024 11:00	3.66	15.16	1.44	593.94	724.12	52.87	97.9
7/10/2024 12:00	4.95	18.17	1.55	666.86	829.91	55.28	97.92
7/10/2024 13:00	2.97	11.22	1.27	548.64	833.31	55.96	97.86
7/10/2024 14:00	1.75	9.77	0.86	410.38	746.53	56.33	97.82
7/10/2024 15:00	1.89	7.26	0.67	347.11	698.33	56.25	97.83
7/10/2024 16:00	1.74	6.49	0.67	364.91	670.5	56.12	97.88
7/10/2024 17:00	0.87	7.14	0.64	360.33	640.72	56.03	97.94
7/10/2024 18:00	1.83	7.97	0.63	352.07	640.39	55.86	98.05
7/10/2024 19:00	1.7	7.62	0.59	344.51	622.69	55.74	98.15
7/10/2024 20:00	1.32	8.22	0.58	339.64	617.6	55.74	98.24
7/10/2024 21:00	2.15	8.22	0.62	338.24	659.52	55.84	98.32
7/10/2024 22:00	3.07	9.35	0.6	330.49	642.96	55.9	98.45
7/10/2024 23:00	1.45	7.99	0.62	327.56	685.48	55.99	98.53
7/11/2024	1.64	7.23	0.64	335.1	686.68	56.35	98.58

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/11/2024 1:00	1.58	7.86	0.65	331.14	703.77	56.75	98.65
7/11/2024 2:00	1.48	7.38	0.65	331.05	703.53	57.16	98.71
7/11/2024 3:00	2.01	7.58	0.66	331.07	714.82	57.52	98.76
7/11/2024 4:00	3.08	7.71	0.65	331.26	706.41	57.93	98.82
7/11/2024 5:00	1.85	8.75	0.66	324.34	728.73	58.28	98.88
7/11/2024 6:00	2.23	9.91	0.65	327.72	709.94	58.55	98.97
7/11/2024 7:00	2.59	9.76	0.64	321.94	707.64	58.91	99.06
7/11/2024 8:00	3.56	11.06	0.65	328.42	697.97	59.44	99.09
7/11/2024 9:00	4.05	11.95	0.67	337.56	693.06	59.99	99.13
7/11/2024 10:00	2.66	12.36	0.66	336.61	684.91	60.67	99.17
7/11/2024 11:00	4.15	13.35	0.7	350.98	690.37	61.46	99.2
7/11/2024 12:00	2.92	14.54	0.68	356.01	667.43	62.13	99.26
7/11/2024 13:00	4.22	15.05	0.68	348.48	672.92	62.82	99.28
7/11/2024 14:00	11.28	48.06	11.01	2058.13	1748.38	63.52	99.4
7/11/2024 15:00	17.44	68.05	18.61	2785.35	2383.77	62.14	99.45
7/11/2024 16:00	16.2	67.75	16.74	2675.51	2246.16	60.46	99.47
7/11/2024 17:00	24.69	110.7	19.81	2821.76	2430.66	59.31	99.53
7/11/2024 18:00	24.01	89.46	20.89	3154.59	2339.1	58.21	99.5
7/11/2024 19:00	23.79	92.54	21.09	3024.44	2461.86	57.38	99.53
7/11/2024 20:00	23.32	95.74	21.33	3076.82	2445.28	56.5	99.57
7/11/2024 21:00	19.25	70.78	20.83	3178.37	2354.16	55.88	99.59
7/11/2024 22:00	14.67	57.83	20.43	3185.64	2324.94	55.37	99.63
7/11/2024 23:00	14.12	49.93	19.74	3157.05	2277.5	55.1	99.64
7/12/2024	12.92	49.73	18.25	3099.13	2143.66	54.99	99.65
7/12/2024 1:00	12.23	47.18	15.46	3041.42	1850.94	55.32	99.66
7/12/2024 2:00	9.53	38.6	4.18	2428.24	558.71	55.75	99.62
7/12/2024 3:00	4.42	18.35	0.05	1114.02	12.99	55.31	99.54
7/12/2024 4:00	2.85	10.87	0.06	696.69	33.7	55.9	99.5
7/12/2024 5:00	2.9	7.75	0.15	476.23	115.8	56.8	99.48
7/12/2024 6:00	2.6	11.51	0.42	446.08	327.14	57.48	99.51

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/12/2024 7:00	2.29	10.79	1.42	481.44	1059.4	60.19	99.55
7/12/2024 8:00	2.57	9.71	1.06	415.61	922.69	61.57	99.59
7/12/2024 9:00	2.35	9.52	0.93	405.58	822.05	62.34	99.63
7/12/2024 10:00	1.9	9.3	0.78	400.95	703.12	63.17	99.62
7/12/2024 11:00	2.05	9.81	0.75	396.93	675.68	64.05	99.63
7/12/2024 12:00	2.83	10.3	0.73	404.93	642.26	64.65	99.65
7/12/2024 13:00	2.03	12.73	0.8	440.48	650.5	65.38	99.63
7/12/2024 14:00	3.62	12.35	0.76	458.52	591.66	66.93	99.56
7/12/2024 15:00	4.3	16.77	0.87	526.97	584.93	68.2	99.51
7/12/2024 16:00	5.7	21.97	0.94	528.49	617.16	69.07	99.51
7/12/2024 17:00	8	33.16	1.04	534.72	644.74	69.82	99.47
7/12/2024 18:00	10.01	40.46	0.97	480.6	641.69	70.21	99.45
7/12/2024 19:00	9.92	39.62	0.89	431.38	642.01	70.07	99.49
7/12/2024 20:00	8.63	38.88	0.88	416.17	664.85	69.84	99.51
7/12/2024 21:00	7.93	38.42	0.85	406.98	652.66	69.4	99.53
7/12/2024 22:00	7.39	33.11	0.77	374.2	651.95	68.83	99.58
7/12/2024 23:00	7.24	28.07	0.76	374.04	657.52	68.28	99.62
7/13/2024	4.06	24.81	0.7	362.2	639.87	67.83	99.61
7/13/2024 1:00	6.54	22.67	0.75	386.05	649.38	67.37	99.63
7/13/2024 2:00	4.83	20.23	0.71	369.26	644.92	67.01	99.61
7/13/2024 3:00	2.8	16.98	0.69	357.07	660.2	66.68	99.6
7/13/2024 4:00	2.67	15.23	0.69	365.61	652.51	66.44	99.63
7/13/2024 5:00	3.67	13.36	0.64	355.32	627.86	66.29	99.65
7/13/2024 6:00	2.89	14.59	0.69	368.12	654.05	66.13	99.66
7/13/2024 7:00	3.2	13.31	0.65	361.44	626.31	66.04	99.7
7/13/2024 8:00	2.85	13.61	0.65	362.24	630.05	66.24	99.73
7/13/2024 9:00	3.11	14.23	0.65	379.83	597.82	66.98	99.71
7/13/2024 10:00	2.84	14.37	0.67	393.55	597.85	67.9	99.71
7/13/2024 11:00	3.34	15.95	0.71	414.93	599.1	68.83	99.68
7/13/2024 12:00	3.03	18.93	0.74	429.2	598.06	69.81	99.68

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/13/2024 13:00	4.83	20.89	0.75	441.82	583.95	70.95	99.62
7/13/2024 14:00	5.51	25.47	0.82	446.33	621.82	72.02	99.58
7/13/2024 15:00	7.96	39.31	0.96	470.17	647.56	72.87	99.56
7/13/2024 16:00	11.49	44.23	0.95	489.62	607.61	73.24	99.54
7/13/2024 17:00	10.35	42.75	0.98	475.44	646.78	73.56	99.5
7/13/2024 18:00	9.51	40.4	0.98	461.97	666.92	73.67	99.46
7/13/2024 19:00	9.36	34.39	0.88	438.15	639.77	73.61	99.46
7/13/2024 20:00	7.77	32.52	0.83	402.38	662.04	73.24	99.45
7/13/2024 21:00	8.49	35.38	0.83	396.49	654.24	72.45	99.43
7/13/2024 22:00	7.81	34.7	0.75	366.4	640.59	71.39	99.41
7/13/2024 23:00	8.21	34.75	0.78	381.15	638.98	70.29	99.44
7/14/2024	7.05	29.67	0.71	362.37	626.29	69.27	99.42
7/14/2024 1:00	6.46	26.56	0.71	368.21	623.57	68.39	99.36
7/14/2024 2:00	6.19	24.03	0.66	353.73	614.94	67.59	99.27
7/14/2024 3:00	6.05	22.24	0.69	364.03	623.21	66.93	99.26
7/14/2024 4:00	4.35	19.82	0.68	354.72	648.06	66.55	99.23
7/14/2024 5:00	4.09	18.65	0.67	358.86	629.43	66.17	99.16
7/14/2024 6:00	3.74	15.64	0.64	347.94	632.1	65.8	99.15
7/14/2024 7:00	3.03	15.5	0.95	453.34	736.53	65.57	99.13
7/14/2024 8:00	3.47	18.81	1.24	746.91	596.33	65.32	99.14
7/14/2024 9:00	5.31	17.85	1.01	572.67	627.66	65.77	99.12
7/14/2024 10:00	4.03	19.94	0.87	466.4	645.73	66.25	99.06
7/14/2024 11:00	4.74	20.24	0.78	399.53	661.19	66.77	99.04
7/14/2024 12:00	4.69	19.04	0.76	413.18	634.83	67.47	98.96
7/14/2024 13:00	5.24	21.63	0.77	428.56	613.19	68.26	98.86
7/14/2024 14:00	4.94	23.41	0.8	438.22	614.63	68.94	98.8
7/14/2024 15:00	6.14	24.33	0.81	459.04	595.69	69.49	98.77
7/14/2024 16:00	5.19	25.54	0.78	427.47	605.81	69.84	98.75
7/14/2024 17:00	5.73	25.47	0.76	409.75	614.98	69.81	98.75
7/14/2024 18:00	6.37	26.56	0.77	410.82	618.92	69.68	98.71

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/14/2024 19:00	5.59	24.73	0.78	415.9	625.75	69.68	98.7
7/14/2024 20:00	4.96	23.31	0.78	412.73	633.86	69.66	98.69
7/14/2024 21:00	6.54	26.13	0.8	408.82	649.31	69.43	98.68
7/14/2024 22:00	7.01	28.1	0.8	403.62	651.35	68.97	98.69
7/14/2024 23:00	7.04	27.21	0.79	384.97	669.66	68.51	98.67
7/15/2024	5.62	22.1	0.7	363.9	636.68	68.11	98.72
7/15/2024 1:00	5.09	20.2	0.71	372.48	644.54	67.76	98.71
7/15/2024 2:00	3.95	16.83	0.68	364.12	639.81	67.49	98.63
7/15/2024 3:00	3.57	14.76	0.66	356.53	638.98	67.18	98.57
7/15/2024 4:00	2.69	13.72	0.67	371.19	633.08	66.83	98.53
7/15/2024 5:00	2.71	12.75	0.65	358.7	633.05	66.39	98.52
7/15/2024 6:00	2.43	11.96	0.62	351.91	617.48	65.92	98.55
7/15/2024 7:00	2.36	11.51	0.58	320.82	628.12	65.67	98.54
7/15/2024 8:00	1.93	10.75	0.51	301.45	596.91	65.14	98.6
7/15/2024 9:00	2.28	11.04	0.57	326.51	608.2	64.22	98.55
7/15/2024 10:00	2.19	10.71	0.59	351.99	589.86	63.63	98.49
7/15/2024 11:00	2.31	10.54	0.61	353.01	607.95	63.01	98.56
7/15/2024 12:00	2.64	12.77	0.63	361.69	611.78	62.61	98.61
7/15/2024 13:00	3.78	15.8	0.76	403.07	650.53	62.83	98.58
7/15/2024 14:00	2.73	15.41	0.7	404.28	607.1	63.9	98.56
7/15/2024 15:00	3.12	17.22	0.71	394.23	619.57	65.32	98.49
7/15/2024 16:00	5.48	20.71	0.93	450.21	706.82	66.4	98.44
7/15/2024 17:00	6.01	25.73	1.1	524.61	713.34	67.21	98.38
7/15/2024 18:00	7.03	28.81	1.08	508.64	713.81	67.96	98.37
7/15/2024 19:00	7.33	28.39	0.97	475.86	677.44	68.46	98.35
7/15/2024 20:00	7.15	30.23	0.95	457.81	683.67	68.67	98.3
7/15/2024 21:00	6.6	31.18	0.94	453.81	680.29	68.49	98.3
7/15/2024 22:00					678.84	67.99	98.34
7/15/2024 23:00					648.71	67.5	98.23
7/16/2024					644.76	66.98	98.26

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/16/2024 1:00					667.90	66.68	98.22
7/16/2024 2:00					633.85	66.4	98.11
7/16/2024 3:00					649.24	66.07	98.01
7/16/2024 4:00					639.41	65.83	97.95
7/16/2024 5:00					648.91	65.44	97.94
7/16/2024 6:00					625.82	64.98	97.76
7/16/2024 7:00					1002.14	64.1	97.89
7/16/2024 8:00					2045.09	62.61	98.19
7/16/2024 9:00					2448.53	60.08	98.35
7/16/2024 10:00					2340.65	58.37	98.4
7/16/2024 11:00					2467.79	57.84	98.45
7/16/2024 12:00					2438.61	57.75	98.44
7/16/2024 13:00					2431.44	58.07	98.42
7/16/2024 14:00	33.99	106.39	26.43	3832.5	2444.68	58.08	98.46
7/16/2024 15:00	26.59	89.86	23.35	3568.12	2340.02	57.93	98.46
7/16/2024 16:00	19.35	64.39	7.58	2927.99	924.31	58.8	98.41
7/16/2024 17:00	12.9	46.6	6.2	1846.84	1157.84	60.23	98.38
7/16/2024 18:00	23.69	91.77	17.75	4038.35	1576.26	61.61	98.43
7/16/2024 19:00	24.88	99.46	20.82	4287	1741.7	62.3	98.42
7/16/2024 20:00	29.41	107.93	23.37	4262.02	1967.61	62.44	98.45
7/16/2024 21:00	27.46	102.1	21.09	3076.93	2402.34	60.97	98.5
7/16/2024 22:00	24.48	96.96	18.9	2816.88	2348.61	58.98	98.52
7/16/2024 23:00	25.5	96.74	24.36	3469.64	2491.36	57.34	98.52
7/17/2024	22	73.86	25.75	3658.23	2539.96	56.03	98.53
7/17/2024 1:00	20.17	63.1	25.62	3638.98	2554.39	55.06	98.55
7/17/2024 2:00	18.99	56.28	23.01	3516.69	2379.11	54.55	98.57
7/17/2024 3:00	18.49	50.03	18.8	3524.4	1943.02	54.68	98.57
7/17/2024 4:00	16.94	42.2	9.58	2925.63	1172.3	55.49	98.6
7/17/2024 5:00	13.73	33.28	5.12	1974.88	937.21	56.62	98.62
7/17/2024 6:00	9.09	24.36	3.18	1432.78	807.09	57.66	98.63

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/17/2024 7:00	8.55	25.81	4.18	1748.24	894.98	58.79	98.71
7/17/2024 8:00	12.1	31.37	4.71	2034.72	874.73	59.85	98.75
7/17/2024 9:00					781.34	60.81	98.75
7/17/2024 10:00	15.81	34.29	6.87	3150.81	804.43	62.16	98.73
7/17/2024 11:00	13.45	31.19	6.29	3038.98	761.51	63.35	98.74
7/17/2024 12:00	14.62	31.63	6.75	3113.45	797.21	64.68	98.75
7/17/2024 13:00	14.34	33.86	5.95	2962.99	737.7	65.95	98.73
7/17/2024 14:00	16.61	38.36	5.84	2984	717.24	67.03	98.65
7/17/2024 15:00	16.5	38.09	2.28	2554.12	342.83	66.66	98.65
7/17/2024 16:00	19.01	38.29	5.24	2604.32	720.07	66.59	98.72
7/17/2024 17:00	19.8	46	6.38	2460.8	944.51	66.7	98.78
7/17/2024 18:00	21.37	49.57	5.61	2505.13	806.88	66.35	98.8
7/17/2024 19:00	21.16	44.31	4.83	2440.59	713.44	65.79	98.89
7/17/2024 20:00	18.58	38.83	4.09	1958.91	745.81	65.12	98.94
7/17/2024 21:00	16.63	36.9	2.35	1441.66	580.02	64.28	98.97
7/17/2024 22:00	12.73	33.87	1.68	898.43	649.89	63.89	98.98
7/17/2024 23:00	11.56	34.35	1.24	633.6	658.97	63.65	99.02
7/18/2024	11.51	31.84	1.03	522.5	649.05	63.33	99.06
7/18/2024 1:00	8.36	26.88	0.9	467.04	639.49	63.01	99.08
7/18/2024 2:00	5.97	23	0.83	431.33	649.7	62.63	99.09
7/18/2024 3:00	5.41	19.54	0.8	427.62	644.06	62.31	99.09
7/18/2024 4:00	4.84	16.96	0.78	413.33	648.33	61.96	99.14
7/18/2024 5:00	4.25	15.91	0.76	392.92	670.42	61.64	99.19
7/18/2024 6:00	3.86	14.53	0.71	352.84	697.44	61.38	99.21
7/18/2024 7:00	2.77	13.61	0.71	377.05	653.68	61.15	99.28
7/18/2024 8:00	3.43	14.19	0.69	374.75	638.28	61.1	99.3
7/18/2024 9:00	3.95	15.11	0.69	385.3	622.34	61.25	99.34
7/18/2024 10:00	4.54	15.88	0.74	403.58	631.84	61.43	99.39
7/18/2024 11:00	4.44	16.19	0.8	453.07	615.6	61.55	99.43
7/18/2024 12:00	4.29	14.59	0.85	472.46	633.07	61.58	99.49

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/18/2024 13:00	4.57	13.87	0.8	449.09	626.24	61.66	99.48
7/18/2024 14:00	3.89	13.59	0.77	424.6	639.14	61.93	99.5
7/18/2024 15:00	5.71	18.71	0.89	440.32	694.94	62.19	99.51
7/18/2024 16:00	8.14	24.96	1.04	469.82	742.32	62.41	99.51
7/18/2024 17:00	8.59	27.16	1	460.45	719.07	62.54	99.52
7/18/2024 18:00	8.48	25.92	0.99	435.8	749.66	62.71	99.51
7/18/2024 19:00	6.83	24.12	0.93	437.43	714.74	62.76	99.54
7/18/2024 20:00	6.35	21.58	0.87	421.31	696.05	62.73	99.53
7/18/2024 21:00	6.31	22.84	0.87	419.61	693.55	62.59	99.56
7/18/2024 22:00	7.1	22.69	0.88	410.71	719.54	62.43	99.58
7/18/2024 23:00	6.25	19.15	0.82	385.38	716.74	62.34	99.61
7/19/2024	5.33	14.88	0.76	371.64	707.74	62.36	99.64
7/19/2024 1:00	2.99	13.11	0.77	393.98	685.67	62.26	99.66
7/19/2024 2:00	4.11	12.18	0.7	353.56	693.6	62.18	99.65
7/19/2024 3:00	3.52	13.04	0.67	346.42	671.76	62.06	99.64
7/19/2024 4:00	3.86	11.59	0.7	354.06	695.71	61.9	99.65
7/19/2024 5:00	2.51	10.75	0.68	361.46	669.21	61.79	99.65
7/19/2024 6:00	2.13	10.33	0.69	356.98	689.57	61.73	99.7
7/19/2024 7:00	3.19	10.81	0.67	365.75	650.89	61.82	99.72
7/19/2024 8:00	3.6	13.04	0.7	369.57	661.22	62.34	99.74
7/19/2024 9:00	3.71	16.55	0.77	399.68	672.03	63.2	99.76
7/19/2024 10:00	5.15	19.71	0.75	403	637.86	64.16	99.74
7/19/2024 11:00	6.46	20.46	0.89	452.71	673.04	65.18	99.71
7/19/2024 12:00	12.4	34.59	1.12	569.82	648.54	66.16	99.72
7/19/2024 13:00	15.45	47.87	1.18	561.08	660.17	67.08	99.67
7/19/2024 14:00	16.69	49	1.11	504.1	678.07	67.86	99.64
7/19/2024 15:00	17.99	50.88	1.27	538.76	725.32	68.47	99.6
7/19/2024 16:00	17.47	51.95	1.26	535.9	728.32	68.92	99.57
7/19/2024 17:00	22.3	62.58	1.35	548.55	737.26	69.26	99.54
7/19/2024 18:00	24.32	69.23	1.46	518.84	809.94	69.36	99.5

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/19/2024 19:00	23.79	70.11	1.34	497.59	767.22	69.27	99.5
7/19/2024 20:00	21.1	61.97	1.23	459.78	771.24	69.15	99.51
7/19/2024 21:00	18.51	55.04	1.15	426.14	779.78	68.81	99.52
7/19/2024 22:00	17.59	53.43	1.05	392.52	767.18	68.14	99.57
7/19/2024 23:00	19.22	54.55	0.95	384.59	702.04	67.14	99.57
7/20/2024	18.52	53.64	0.94	372.78	710.76	66.58	99.58
7/20/2024 1:00	16.59	49.85	0.9	372.08	697.49	66.29	99.54
7/20/2024 2:00	13.1	40.95	0.78	345.82	664.54	65.98	99.51
7/20/2024 3:00	11.9	40.84	0.71	298.1	680.27	65.77	99.47
7/20/2024 4:00	12.82	38.99	0.52	206.08	664.71	65.51	99.46
7/20/2024 5:00	10.93	34.53	0.56	241.39	654.13	65.27	99.46
7/20/2024 6:00	10.61	33.59	0.52	222.85	653.87	64.99	99.48
7/20/2024 7:00	8.97	28.68	0.54	249.53	650.47	64.9	99.5
7/20/2024 8:00	8.41	27.26	0.63	287.86	676.39	65.28	99.49
7/20/2024 9:00	7.66	29.52	0.76	360.24	676.3	65.92	99.5
7/20/2024 10:00	8.92	28.44	0.82	401.94	659.69	66.51	99.46
7/20/2024 11:00	8.75	26.6	0.88	450.09	643.29	67.11	99.44
7/20/2024 12:00	8.78	28.08	0.95	486.57	653.12	67.78	99.45
7/20/2024 13:00	10.15	28.14	0.87	456.96	632.79	68.63	99.4
7/20/2024 14:00	12.67	37.29	1.06	483.67	690.39	69.29	99.39
7/20/2024 15:00	17.42	53.51	1.24	527.61	717.19	69.77	99.38
7/20/2024 16:00	18.75	57.21	1.21	477.73	744.11	70.01	99.38
7/20/2024 17:00	19.3	58.42	1.25	464.88	779.47	70.24	99.34
7/20/2024 18:00	22.8	65.49	1.31	481.23	787.06	70.32	99.32
7/20/2024 19:00	20.66	60.94	1.2	444.83	767.94	70.23	99.33
7/20/2024 20:00	19.41	54.5	1.07	410.06	752.72	69.91	99.34
7/20/2024 21:00	16.81	50.25	1.02	396.28	750.88	69.3	99.37
7/20/2024 22:00	17.4	49.8	0.97	389.55	729.64	68.45	99.41
7/20/2024 23:00	15.83	47.7	0.93	372.02	727.51	67.7	99.4
7/21/2024	16.83	48.04	0.87	371.16	678.45	67.01	99.39

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/21/2024 1:00	15.31	43.23	0.87	374.14	687.09	66.6	99.36
7/21/2024 2:00	12.33	36.54	0.81	354.05	691.99	66.31	99.34
7/21/2024 3:00	11.11	36.45	0.88	381.85	719.22	66.13	99.32
7/21/2024 4:00	10.73	34.79	0.85	376.23	699.14	65.77	99.31
7/21/2024 5:00	10.22	33.02	0.81	383.86	669.51	65.39	99.34
7/21/2024 6:00	9.49	27.34	0.78	359.66	695.9	65.07	99.36
7/21/2024 7:00	7.5	24.61	0.77	360.48	698.45	64.88	99.39
7/21/2024 8:00	8.07	27.75	0.89	404.24	726.64	65.08	99.42
7/21/2024 9:00	8.29	29.25	0.86	390.07	703.99	65.3	99.42
7/21/2024 10:00	9.11	28.25	0.88	433.51	668.51	65.42	99.41
7/21/2024 11:00	8.29	25.8	0.87	427.08	675.67	65.66	99.41
7/21/2024 12:00	8.79	26.99	0.9	450.8	666.71	66.35	99.37
7/21/2024 13:00	8.64	28.19	0.84	456.28	611.71	66.99	99.37
7/21/2024 14:00	11.14	34.4	1.06	479.67	708.91	67.59	99.37
7/21/2024 15:00	15.2	47.71	1.09	495.36	683.55	67.72	99.41
7/21/2024 16:00	17.33	50.1	1.05	460.34	686.68	67.36	99.38
7/21/2024 17:00	15.88	46.29	0.95	431.4	664.16	66.95	99.38
7/21/2024 18:00	14.37	40.37	0.98	428.46	709.32	66.52	99.37
7/21/2024 19:00	12.47	36.87	0.92	412.06	698.28	65.99	99.35
7/21/2024 20:00	14.42	46.16	1.08	456.02	723.83	65.43	99.37
7/21/2024 21:00	15.83	50.02	1.05	457.86	689.04	64.88	99.4
7/21/2024 22:00	15.45	45.73	0.92	424.91	651.75	64.39	99.44
7/21/2024 23:00	11.9	37.84	0.86	393.89	678.26	63.99	99.42
7/22/2024	9.6	30.83	0.79	374	672.31	63.66	99.42
7/22/2024 1:00	9.84	29.62	0.77	357.57	677.28	63.38	99.39
7/22/2024 2:00	7.72	25.5	0.82	388.85	689.15	63.13	99.35
7/22/2024 3:00	7.78	24.09	0.79	371.73	697.1	62.98	99.29
7/22/2024 4:00	6.82	21.07	0.76	371.16	684.47	62.93	99.27
7/22/2024 5:00	6.12	21.16	0.84	387.8	722.12	62.99	99.26
7/22/2024 6:00	8.6	24.67	0.94	415.19	747.75	63.04	99.25

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/22/2024 7:00	7.08	23.62	0.9	424.13	714.55	63.09	99.28
7/22/2024 8:00	8.45	27.33	0.99	436.4	753.21	63.42	99.28
7/22/2024 9:00	10.1	31.64	1.01	457.95	715.73	63.93	99.28
7/22/2024 10:00	11.99	33.6	1.06	485	711.64	64.64	99.25
7/22/2024 11:00	12.4	33.75	0.99	463.76	688.39	65.6	99.25
7/22/2024 12:00	12.1	35.16	1.08	485.8	713.81	66.44	99.19
7/22/2024 13:00	13.89	37.23	1.13	512.44	706.79	67.2	99.15
7/22/2024 14:00	17.02	51.12	1.29	543.09	743.56	67.46	99.17
7/22/2024 15:00	21.35	62.48	1.23	520.51	695.99	67.43	99.17
7/22/2024 16:00	22.76	64.39	1.22	492.74	716.81	67.39	99.13
7/22/2024 17:00	20.82	55.26	1.11	473.88	692.88	67.18	99.11
7/22/2024 18:00	16.66	50.27	1.04	445.38	696.7	66.99	99.11
7/22/2024 19:00	15.38	43.16	1.01	424.92	725.73	66.84	99.1
7/22/2024 20:00	14.69	43.34	0.98	390.94	757.82	66.66	99.1
7/22/2024 21:00	16.02	49.99	1.02	417.61	718.87	66.3	99.12
7/22/2024 22:00	16.24	47.96	1.05	416.06	747.66	66.19	99.17
7/22/2024 23:00	13.41	41.71	0.94	411.53	696.5	66.11	99.17
7/23/2024	10.16	35.23	0.89	372.34	742.7	65.87	99.16
7/23/2024 1:00	11.36	35.36	0.88	366.08	745.08	65.7	99.15
7/23/2024 2:00	9.84	34.26	0.85	375.05	702.01	65.43	99.14
7/23/2024 3:00	8.29	28.96	0.81	365.94	709.52	65.21	99.12
7/23/2024 4:00	7.02	24.63	0.78	367.08	692.33	64.96	99.15
7/23/2024 5:00	5.83	19.92	0.71	360.56	658.23	64.79	99.14
7/23/2024 6:00	3.64	17	0.66	357.14	634.54	64.6	99.16
7/23/2024 7:00	3.81	15.72	0.66	363.11	633.24	64.43	99.19
7/23/2024 8:00	4.67	20.37	0.74	389.51	643.57	64.51	99.23
7/23/2024 9:00	7	22.96	0.76	436.23	588.38	64.87	99.24
7/23/2024 10:00	6.94	22.99	0.78	464.88	577.98	65.42	99.25
7/23/2024 11:00	6.31	21.07	0.75	465.7	554.87	66.04	99.24
7/23/2024 12:00	5.84	22.04	0.78	489.98	548.45	66.81	99.23

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/23/2024 13:00	7.22	25.04	0.82	489.86	566.09	67.45	99.2
7/23/2024 14:00	9.63	35.25	0.99	533.9	610.89	68.08	99.16
7/23/2024 15:00	14.85	53.19	1.24	603.23	644.14	68.55	99.1
7/23/2024 16:00	15.52	52.57	1.12	549.24	629.85	68.64	99.1
7/23/2024 17:00	14.71	47.11	1.02	497.48	638.31	68.56	99.13
7/23/2024 18:00	12.88	46.2	0.96	489.19	608.43	68.36	99.12
7/23/2024 19:00	11.55	38.54	0.92	467.25	624.35	68.05	99.09
7/23/2024 20:00	12.88	43.81	1.08	491.55	688.1	67.66	99.12
7/23/2024 21:00	13.94	53.31	1.15	524.53	675.34	67.05	99.18
7/23/2024 22:00	15	51.75	1.05	498.14	643.16	66.32	99.23
7/23/2024 23:00	13.73	44.86	0.95	462	636.36	65.33	99.19
7/24/2024	10.6	35.98	0.87	440.51	624.85	64.6	99.16
7/24/2024 1:00	9.74	34.54	0.95	461.38	663.42	64.16	99.13
7/24/2024 2:00	8.73	30.44	0.88	443.82	646.48	63.74	99.08
7/24/2024 3:00	7.22	26.83	0.84	438.89	635.36	63.36	99.02
7/24/2024 4:00	6.11	21.2	0.78	424.59	622.86	62.95	99.02
7/24/2024 5:00	4.02	17.55	0.74	428.13	605.17	62.78	99.03
7/24/2024 6:00	4.24	15.82	0.78	434.89	631.53	62.78	99.07
7/24/2024 7:00	3.37	13.45	0.78	428.42	640.39	62.9	99.09
7/24/2024 8:00	5.11	15.66	0.78	416.34	658.69	62.84	99.16
7/24/2024 9:00					667.49	62.87	99.2
7/24/2024 10:00	5.24	19.8	0.81	440.16	628.68	63.04	99.24
7/24/2024 11:00	5.29	18.98	0.82	445.28	632.74	63.24	99.23
7/24/2024 12:00	4.46	18.81	0.81	440.46	638.66	63.32	99.23
7/24/2024 13:00	4.71	18.57	0.84	451.68	647.05	63.77	99.22
7/24/2024 14:00	6.5	23.91	0.93	478.38	661.8	64.55	99.19
7/24/2024 15:00	8.19	32.19	1.05	501.41	693.3	64.96	99.24
7/24/2024 16:00	9.55	34.75	0.99	482.05	669.55	64.68	99.28
7/24/2024 17:00	9.86	38.64	1.09	480.01	726.16	64.21	99.33
7/24/2024 18:00	12.09	43.98	1.04	489.93	666.89	63.89	99.33

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/24/2024 19:00	11.25	41.2	1.02	465.83	684.84	63.61	99.37
7/24/2024 20:00	9.89	34.22	0.91	443.32	658.54	63.19	99.41
7/24/2024 21:00	9.5	30.14	0.87	429.08	657.27	62.8	99.45
7/24/2024 22:00	7.2	25.36	0.82	407.51	669.35	62.43	99.51
7/24/2024 23:00	5.34	19.79	0.77	394.48	658.1	62.22	99.51
7/25/2024	2.94	16.54	0.73	378.55	663.98	62.14	99.55
7/25/2024 1:00	3.93	17.41	0.77	406.04	655.37	62.14	99.57
7/25/2024 2:00	4.78	16.33	0.74	405.76	628.06	62.06	99.55
7/25/2024 3:00	3	13.29	0.77	403.62	672.16	61.84	99.57
7/25/2024 4:00	2.97	11.28	0.73	402.2	648	61.74	99.57
7/25/2024 5:00	2.8	10.57	0.75	422.83	636.79	61.72	99.61
7/25/2024 6:00	2.43	10.11	0.71	394.87	639.11	61.76	99.64
7/25/2024 7:00	2.4	9.08	0.66	381.12	623.65	61.88	99.67
7/25/2024 8:00	2.63	10.81	0.67	398.99	601.33	62.12	99.68
7/25/2024 9:00	2.43	10.96	0.66	403.18	581.81	62.07	99.73
7/25/2024 10:00	2.62	9.18	0.62	403.19	550.54	62.31	99.71
7/25/2024 11:00	1.78	9.82	0.63	424.31	534.87	62.85	99.71
7/25/2024 12:00	1.97	10.87	0.65	439.39	534.77	63.22	99.73
7/25/2024 13:00	2.36	11.95	0.67	449.28	529.51	63.62	99.72
7/25/2024 14:00	2.26	12.73	0.73	459.7	567.71	64.07	99.69
7/25/2024 15:00	3.67	15.15	0.79	481.53	579.16	64.43	99.69
7/25/2024 16:00	4.85	21.46	0.86	473.18	622.91	64.7	99.7
7/25/2024 17:00	7.45	30.06	1.05	514.02	678.85	64.9	99.7
7/25/2024 18:00	10.3	35.14	1.05	498.05	683.54	65.01	99.7
7/25/2024 19:00	9.62	31.48	0.9	466.15	625.87	64.92	99.72
7/25/2024 20:00	7.09	26.98	0.82	428.22	632.54	64.73	99.72
7/25/2024 21:00	5.93	24.59	0.81	415.16	649.91	64.34	99.76
7/25/2024 22:00	5.64	20.3	0.8	418.38	649.9	63.92	99.8
7/25/2024 23:00	5.23	17.1	0.74	396.65	642.49	63.8	99.82
7/26/2024	3.16	13.99	0.67	382.87	612.03	63.68	99.83

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/26/2024 1:00	2.62	13.48	0.61	380.78	571.53	63.53	99.82
7/26/2024 2:00	3.93	13.52	0.66	372.1	621.68	63.39	99.82
7/26/2024 3:00	2.16	11.92	0.62	373.01	584.43	63.24	99.83
7/26/2024 4:00	2.7	11.78	0.66	374.14	621.53	63.15	99.86
7/26/2024 5:00	2.55	10.46	0.61	344.65	628.02	62.99	99.88
7/26/2024 6:00	2	9.03	0.61	354.84	619.02	62.89	99.91
7/26/2024 7:00	1.61	8.68	0.56	366.33	552.84	62.81	99.93
7/26/2024 8:00	1.92	9.61	0.54	359.54	531.77	63.13	99.93
7/26/2024 9:00	2.41	10.83	0.55	366.9	542.3	63.87	99.91
7/26/2024 10:00	3.12	10.93	0.56	378.45	519.59	64.58	99.9
7/26/2024 11:00	2.21	11.15	0.56	391.87	513.15	65.21	99.89
7/26/2024 12:00	3	12.41	0.54	399.23	485.91	65.78	99.82
7/26/2024 13:00	3.46	14.03	0.61	410.08	520.16	66.54	99.74
7/26/2024 14:00	4.18	15.86	0.64	433.92	516.45	67.07	99.75
7/26/2024 15:00	5.03	21.25	0.73	449.97	552.63	67.18	99.71
7/26/2024 16:00	5.99	25.6	0.75	447.05	560.63	67.09	99.68
7/26/2024 17:00	8.08	31.69	0.87	473.48	603.09	66.89	99.69
7/26/2024 18:00	8.29	33.22	0.8	447.55	579.77	66.54	99.65
7/26/2024 19:00	7.8	28.78	0.69	399.74	564.56	66.09	99.65
7/26/2024 20:00	6.75	27.06	0.68	375.87	587.92	65.77	99.63
7/26/2024 21:00	7.1	27.35	0.73	388.08	609.34	65.46	99.66
7/26/2024 22:00	6.87	25.42	0.75	395.09	622.88	65.24	99.68
7/26/2024 23:00	5.51	21.64	0.68	387	592.12	64.83	99.7
7/27/2024	4.19	17.08	0.57	370.46	532.1	64.56	99.69
7/27/2024 1:00	2.96	14.43	0.59	370.48	554.76	64.32	99.69
7/27/2024 2:00	2.53	12.15	0.53	355	524.62	64.03	99.67
7/27/2024 3:00	3.41	12.41	0.6	371.92	569.11	63.81	99.65
7/27/2024 4:00	2.69	11.36	0.6	387.49	550.35	63.55	99.63
7/27/2024 5:00	2.37	11.59	0.56	370.56	536.62	63.35	99.64
7/27/2024 6:00	2.47	10.02	0.51	356.69	510.45	63.13	99.7

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/27/2024 7:00	1.75	9.91	0.56	371.62	538.07	63.06	99.73
7/27/2024 8:00	1.64	10.14	0.54	366.89	521.65	63.48	99.73
7/27/2024 9:00	2.69	11.89	0.51	367.68	495.44	64.4	99.75
7/27/2024 10:00	2.41	13.1	0.5	373.63	473.25	65.36	99.75
7/27/2024 11:00	3.36	13.27	0.56	393.86	500.6	66.4	99.75
7/27/2024 12:00	4.5	14.2	0.49	408.13	423.87	67.12	99.7
7/27/2024 13:00	4.02	17.99	0.55	453.27	417.76	68.1	99.65
7/27/2024 14:00	4.43	20.15	0.6	470.82	438.32	68.98	99.61
7/27/2024 15:00	6.6	23.02	0.66	455.9	487.72	69.8	99.57
7/27/2024 16:00	5.7	24.87	0.63	427.22	496.68	70.34	99.48
7/27/2024 17:00	5.94	26.47	0.71	422.37	555.24	70.53	99.46
7/27/2024 18:00	8.81	33.41	0.77	420.7	587.13	70.53	99.46
7/27/2024 19:00	9.55	35.95	0.78	409.3	599.39	70.29	99.43
7/27/2024 20:00	8.97	35.13	0.7	366.17	592.5	69.85	99.42
7/27/2024 21:00	10.24	40.26	0.74	380.22	592.78	69.32	99.43
7/27/2024 22:00	9.68	39.49	0.69	372.14	563.11	68.66	99.47
7/27/2024 23:00	8.61	34.45	0.64	367.63	538.3	67.7	99.49
7/28/2024	6.72	28.62	0.62	369.01	537.24	66.87	99.53
7/28/2024 1:00	4.18	20.76	0.5	340.54	493.65	66.09	99.54
7/28/2024 2:00	4.71	18.93	0.51	368.44	464.06	65.45	99.54
7/28/2024 3:00	4.47	16.28	0.52	380.53	462.02	65.12	99.54
7/28/2024 4:00	3.48	12.98	0.49	363.08	465.71	64.61	99.51
7/28/2024 5:00	1.92	13.07	0.51	372.86	476.25	64.36	99.52
7/28/2024 6:00	4.41	18.31	0.91	802.05	603.88	63.94	99.52
7/28/2024 7:00	7.55	32.22	0.18	1875.69	30.99	63.26	99.61
7/28/2024 8:00	4.89	18.73	0.02	792.8	9.59	62.85	99.54
7/28/2024 9:00	4.85	19.2	0.01	612.21	8.23	63.34	99.52
7/28/2024 10:00	4.93	19.74	0	447.76	1.12	63.57	99.46
7/28/2024 11:00	5.32	20.22	0	406.68	0	64	99.42
7/28/2024 12:00	5.12	23.72	0.4	478.52	269.41	65	99.38

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/28/2024 13:00	7.01	28.59	0.93	508.82	613.59	67.18	99.33
7/28/2024 14:00	8.13	30.66	0.9	474.3	623.1	68.63	99.29
7/28/2024 15:00	7.47	29.55	0.87	451.17	635.3	69.42	99.22
7/28/2024 16:00	6.97	28.77	0.83	454.02	604.72	69.75	99.15
7/28/2024 17:00	6.76	28.13	0.78	458.07	571.4	70.01	99.11
7/28/2024 18:00	5.89	28.33	0.77	451.58	561.73	70.19	99.08
7/28/2024 19:00	6.23	26.4	0.77	433.47	588.07	70.19	99.09
7/28/2024 20:00	6.76	26.01	0.71	420.7	559.66	69.89	99.09
7/28/2024 21:00	6.62	26.28	0.69	405.72	556.97	69.47	99.06
7/28/2024 22:00	6.07	27.24	0.69	411.1	550.77	68.68	99.07
7/28/2024 23:00	5.68	23.58	0.6	390.27	509.32	67.63	99.06
7/29/2024	5.94	23.94	0.51	398.29	423.32	66.36	99.06
7/29/2024 1:00	5.65	23.96	0.56	405.33	461.5	65.14	99.07
7/29/2024 2:00	4.47	20.31	0.66	407.45	552.79	64.36	99.06
7/29/2024 3:00	4.8	16.95	0.58	403.91	498.47	64.12	99
7/29/2024 4:00	3.53	14.81	0.67	410.08	569.07	64.35	98.95
7/29/2024 5:00	3.17	14.59	0.62	394.05	542.11	64.28	98.92
7/29/2024 6:00	2.64	15.04	0.55	408.97	470.4	64	98.92
7/29/2024 7:00	3.14	15.2	0.61	409.54	525.15	63.64	98.95
7/29/2024 8:00	3.71	15.16	0.48	405.79	420.56	63.59	98.93
7/29/2024 9:00	3.14	14.83	0.54	412.7	460.33	64.02	98.91
7/29/2024 10:00	2.3	14.53	0.57	424.94	473.84	64.51	98.92
7/29/2024 11:00	3.58	15.77	0.65	444.19	515.2	65.08	98.92
7/29/2024 12:00	4.54	20.27	0.63	456.7	472.38	65.58	98.9
7/29/2024 13:00	6.44	25.64	0.73	472.24	524.49	66.33	98.84
7/29/2024 14:00	6.45	26.8	0.81	446.19	604.18	66.81	98.78
7/29/2024 15:00	6.23	24.48	0.69	452.04	510.1	67.67	98.72
7/29/2024 16:00	5.73	22.71	0.71	420.36	571.51	68.04	98.7
7/29/2024 17:00	6.31	28.31	0.77	437.79	578.94	67.4	98.65
7/29/2024 18:00	7.52	30.95	0.7	460.81	497.56	66.81	98.59

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/29/2024 19:00	7.64	29.61	0.64	424.54	493.97	66.15	98.58
7/29/2024 20:00	7.84	29.45	0.63	400.66	511.4	65.7	98.55
7/29/2024 21:00	7.63	28.64	0.71	415.3	558.81	65.1	98.55
7/29/2024 22:00	5.3	24.38	0.7	410.1	567.35	64.56	98.53
7/29/2024 23:00	4.84	20.61	0.63	386.69	550.4	64.01	98.48
7/30/2024	4.14	18.55	0.63	387.86	555.88	63.41	98.45
7/30/2024 1:00	4.7	18.55	0.56	376.99	503.08	62.74	98.39
7/30/2024 2:00	3.63	17.45	0.64	390.71	563.09	62.23	98.35
7/30/2024 3:00	3.2	15.14	0.56	383.29	504.68	62.01	98.3
7/30/2024 4:00	3.42	12.97	0.49	366.84	460.3	61.69	98.29
7/30/2024 5:00	3.22	14.61	0.56	381.48	507.36	61.36	98.28
7/30/2024 6:00	3.1	15.43	0.58	393.05	513.96	61.1	98.29
7/30/2024 7:00	2.62	15.42	0.62	391.05	547.49	60.81	98.32
7/30/2024 8:00	2.73	15.05	0.58	389.92	518.99	60.92	98.34
7/30/2024 9:00	5.1	20.14	1.29	669.61	639.04	61.61	98.33
7/30/2024 10:00	5.43	23.68	0.35	1102.57	104.89	61.87	98.32
7/30/2024 11:00	5.49	19.92	0.28	780.7	127	61.88	98.28
7/30/2024 12:00	4.93	19.7	0.25	598.26	146.72	62.24	98.31
7/30/2024 13:00	4.13	21.1	0.47	501.78	314.21	62.73	98.3
7/30/2024 14:00	5.2	20.17	0.88	461.11	652.24	63.63	98.31
7/30/2024 15:00	4.94	23.42	0.91	458.58	671.32	64.26	98.28
7/30/2024 16:00	6.88	27.31	0.88	420.82	693.71	64.39	98.27
7/30/2024 17:00	5	27.91	0.75	391.47	628.51	64.23	98.27
7/30/2024 18:00	6.45	28.31	0.7	399.05	569.43	63.77	98.28
7/30/2024 19:00	6.64	26.81	0.72	414.62	573.03	63.55	98.29
7/30/2024 20:00	8.87	32.95	1.51	1051.91	605.05	64.24	98.37
7/30/2024 21:00	8.94	33.95	0.49	1210.49	167.4	64.05	98.46
7/30/2024 22:00	10.91	40.58	0.22	1098.78	68.81	63.69	98.62
7/30/2024 23:00	6.92	23.1	0.1	497.01	68.01	62.88	98.57
7/31/2024	4.53	18.72	0.12	363.98	113.99	62.37	98.57

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/31/2024 1:00	3.48	16.63	0.13	408.03	114.21	62.69	98.55
7/31/2024 2:00	4.6	17.35	0.61	444.89	480.87	62.73	98.57
7/31/2024 3:00	4.08	17.28	0.8	412.84	672.43	62.83	98.58
7/31/2024 4:00	4.15	16.17	0.82	393.52	723.08	62.92	98.61
7/31/2024 5:00	4.58	17.17	0.83	395.97	721.41	62.68	98.66
7/31/2024 6:00	4.08	18.66	0.78	385.74	691.71	62.42	98.71
7/31/2024 7:00	4.6	19.01	0.75	388.49	657.1	62.3	98.73
7/31/2024 8:00	4.16	19.49	0.77	408.54	634.05	62.47	98.75
7/31/2024 9:00					593.67	62.99	98.79
7/31/2024 10:00					449.79	63.57	98.84
7/31/2024 11:00					426.92	64.35	98.82
7/31/2024 12:00					485.12	65.45	98.76
7/31/2024 13:00					467.12	66.61	98.79
7/31/2024 14:00					513.84	67.59	98.83
7/31/2024 15:00					413.91	68.27	98.81
7/31/2024 16:00					583.87	68.83	98.78
7/31/2024 17:00					598.46	69.31	98.75
7/31/2024 18:00					543.02	69.59	98.74
7/31/2024 19:00					645.87	69.6	98.76
7/31/2024 20:00					584.77	69.32	98.78
7/31/2024 21:00					651.64	68.86	98.85
7/31/2024 22:00					644.09	68.34	98.88
7/31/2024 23:00					540.27	67.73	98.83
8/1/2024					489.87	67.2	98.9
8/1/2024 1:00					541.34	66.9	98.91
8/1/2024 2:00					578.88	66.57	98.86
8/1/2024 3:00					585.42	66.24	98.84
8/1/2024 4:00					551.44	65.8	98.89
8/1/2024 5:00					548.45	65.48	98.88
8/1/2024 6:00					544.32	64.97	98.93

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/1/2024 7:00					501.62	64.66	98.97
8/1/2024 8:00					518.92	64.63	99
8/1/2024 9:00					469.70	64.64	99.02
8/1/2024 10:00					366.84	64.86	99.05
8/1/2024 11:00					323.25	65.57	99.04
8/1/2024 12:00					6.59	66.03	99.03
8/1/2024 13:00					7.25	67.21	98.93
8/1/2024 14:00					0.16	67.55	98.9
8/1/2024 15:00					71.26	67.86	98.86
8/1/2024 16:00					511.62	68.91	98.82
8/1/2024 17:00					629.71	69.79	98.84
8/1/2024 18:00					682.26	70.24	98.82
8/1/2024 19:00					658.79	70.3	98.77
8/1/2024 20:00					642.18	69.88	98.78
8/1/2024 21:00					619.91	69.2	98.79
8/1/2024 22:00					558.92	68.39	98.82
8/1/2024 23:00					473.59	67.75	98.8
8/2/2024					497.91	67.16	98.78
8/2/2024 1:00					485.21	66.74	98.76
8/2/2024 2:00					426.86	66.11	98.73
8/2/2024 3:00					480.59	65.18	98.71
8/2/2024 4:00					452.27	64.23	98.67
8/2/2024 5:00					470.57	63.42	98.66
8/2/2024 6:00					495.61	62.93	98.63
8/2/2024 7:00					524.83	62.58	98.67
8/2/2024 8:00	1.92	12.54	0.59		548.87	62.4	98.7
8/2/2024 9:00	5.05	9.7	0.53		495.51	62.41	98.72
8/2/2024 10:00	3.3	10.42	0.53		489.27	62.56	98.73
8/2/2024 11:00	3.98	11.27	0.56		511.83	62.89	98.71
8/2/2024 12:00	3.36	11.19	0.57		508.78	63.15	98.73

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/2/2024 13:00	2.27	12.78	0.55		511.01	63.01	98.77
8/2/2024 14:00	3.47	17.07	0.59		537.85	62.67	98.72
8/2/2024 15:00	5.26	22.18	0.63		514.05	62.65	98.69
8/2/2024 16:00	3.91	24.09	0.61		505.45	63.08	98.63
8/2/2024 17:00	4.38	24.93	0.63		541.48	63.73	98.57
8/2/2024 18:00	3.67	28.01	0.67		586.69	64.19	98.56
8/2/2024 19:00	14.21	35.93	0.73		616.2	64.27	98.58
8/2/2024 20:00	21.48	36.9	0.78		666.81	64.12	98.64
8/2/2024 21:00	33.6	27.71	0.42		612.41	63.78	98.69
8/2/2024 22:00	37.84	38.24	0.65		623.2	63.4	98.72
8/2/2024 23:00	12.52	29.62	0.44		633.24	63.21	98.7
8/3/2024	22.13	28.75	0.59		638.4	63.03	98.7
8/3/2024 1:00	26.35	24.21	0.74		657.21	62.89	98.68
8/3/2024 2:00	21.09	25.46	0.71		642.92	62.91	98.65
8/3/2024 3:00	27.81	38.35	0.57		686.23	62.97	98.66
8/3/2024 4:00	14.48	24.08	0.24		692.86	62.9	98.7
8/3/2024 5:00	16.45	36.13	0.33		696.43	63.06	98.67
8/3/2024 6:00	25.67	50.51	0.37		707.58	62.79	98.71
8/3/2024 7:00	30.75	53.4	0.59		623.4	62.33	98.73
8/3/2024 8:00	17.9	49.66	0.37		515.78	61.91	98.78
8/3/2024 9:00	36.4	55.5	1.44		1208.67	62.41	98.96
8/3/2024 10:00	32.56	90.74	0.09		32.61	62.91	98.98
8/3/2024 11:00	23.61	59.36	0		0	63.15	98.86
8/3/2024 12:00	27.75	41.1	0		1.19	63.95	98.75
8/3/2024 13:00	22.85	51.97	0.02		31.01	64.27	98.7
8/3/2024 14:00	58.28	51.98	0.09		123.39	65.24	98.69
8/3/2024 15:00	20.48	56.71	0.26		402.69	65.63	98.7
8/3/2024 16:00	14.79	73.76	0.46		673.4	66.19	98.7
8/3/2024 17:00	39.89	50.28	0.3		679.37	66.5	98.73
8/3/2024 18:00	37.56	30.02	0.19		699.73	66.41	98.78

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/3/2024 19:00	41.71	28.64	0.15		674.33	66	98.78
8/3/2024 20:00	25.03	19.41	0.04		545.48	65.59	98.81
8/3/2024 21:00	12.55	24.7	0.04		303.72	65.07	98.87
8/3/2024 22:00	17.17	23.82	0.01		76.86	64.22	98.91
8/3/2024 23:00	34.84	37.19	0.02		102.41	63.77	98.94
8/4/2024	21.86	18.2	0.01		54.82	63.41	98.94
8/4/2024 1:00	33.55	31.42	0.01		27.92	63.32	98.94
8/4/2024 2:00	15.3	37.42	0.01		42.63	63.21	98.94
8/4/2024 3:00	35.87	35.64	0.01		48.23	63.09	98.94
8/4/2024 4:00	14.36	30.69	0.02		58.05	62.8	98.94
8/4/2024 5:00	28.44	37.47	0.11		257.36	62.64	98.98
8/4/2024 6:00	58.44	27.6	0.09		602.63	63.13	99.01
8/4/2024 7:00	25.82	36.71	0.18		663.21	63.24	99.07
8/4/2024 8:00	23.55	40.66	0.18		733.07	63.68	99.11
8/4/2024 9:00	26.83	15.62	0.06		669.67	64.32	99.08
8/4/2024 10:00	43.3	39.16	0.18		673.04	65.07	99.11
8/4/2024 11:00	26.09	19.29	0.07		672.75	65.74	99.13
8/4/2024 12:00	24.18	36.54	0.24		637.86	66.26	99.1
8/4/2024 13:00	18.39	16.53	0.06		541.11	66.65	99.12
8/4/2024 14:00	29.51	15.62	0.05		598.45	67.03	99.13
8/4/2024 15:00	49	44.24	0.27		599.21	67.41	99.14
8/4/2024 16:00	12.56	47.01	0.15		601.01	67.9	99.1
8/4/2024 17:00	28.05	33.06	0.18		581.38	68.36	99.12
8/4/2024 18:00	69.84	13.51	0.11		627.42	68.71	99.13
8/4/2024 19:00	15.83	17.12	0.04		358.79	68.58	99.13
8/4/2024 20:00	27.67	36.28	0.14		439.87	68.4	99.15
8/4/2024 21:00	26.4	24.67	0.05		594.03	68.13	99.2
8/4/2024 22:00	35.14	25.19	0.02		62.91	67.01	99.25
8/4/2024 23:00	15.22	27.71	0.01		110.44	66.26	99.22
8/5/2024	34.42	48.68	0.03		83.17	65.54	99.18

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/5/2024 1:00	15.31	34.48	0.01		36.26	64.77	99.13
8/5/2024 2:00	12.44	19.59	0		24.17	64.16	99.11
8/5/2024 3:00	38.69	43.57	0.01		25.35	63.7	99.11
8/5/2024 4:00	22.99	18.27	0		11.33	63.33	99.11
8/5/2024 5:00	30.99	15.2	0.07		397.47	63.66	99.08
8/5/2024 6:00	71.74	32.56	0.06		456.09	64.05	99.07
8/5/2024 7:00	27.33	28.74	0.08		414.26	63.92	99.08
8/5/2024 8:00	15.59	25.25	0.12		654.31	64.12	99.12
8/5/2024 9:00	29.01	25.05	0.34		744.83	64.57	99.12
8/5/2024 10:00	39.89	23.87	0.2		721.49	65.04	99.12
8/5/2024 11:00	10.15	23.99	0.08		617.93	65.58	99.14
8/5/2024 12:00	41.48	26.45	0.09		513.77	66.02	99.11
8/5/2024 13:00	28.54	22.89	0.17		639.66	66.54	99.03
8/5/2024 14:00	32.73	39.47	0.01		75.74	65.81	99.1
8/5/2024 15:00	17.45	25.89	0		2.08	66.16	99.02
8/5/2024 16:00	31.97	19.96	0		16.69	66.19	99.01
8/5/2024 17:00	31.5	15.89	0.06		381.9	67.08	99.05
8/5/2024 18:00	64.74	12.05	0.01		33.11	66.14	99.1
8/5/2024 19:00	27.01	15.29	0		86.54	64.91	99.11
8/5/2024 20:00	36.04	20.17	0.02		79.88	63.56	99.11
8/5/2024 21:00	40.45	22.75	0.01		48.36	62.39	99.16
8/5/2024 22:00	22.84	17.95	0.01		80.66	61.81	99.21
8/5/2024 23:00	33.34	18.43	0.01		58.12	61.34	99.22
8/6/2024	35.27	36.45	0.01		55.17	60.81	99.14
8/6/2024 1:00	48.51	39.96	0.02		30.41	60.38	99.1
8/6/2024 2:00	55.4	75.19	0.12		276.86	60.29	99.11
8/6/2024 3:00	38.57	31.55	0.17		634.54	61.21	99.06
8/6/2024 4:00	26.19	39.96	0.12		625.9	61.29	99.11
8/6/2024 5:00	33.15	26.31	0.17		670.9	61.2	99.06
8/6/2024 6:00	17.79	31.26	0.06		658.09	61.05	99.05

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/6/2024 7:00	28.16	26.48	0.13		639.23	60.68	99.12
8/6/2024 8:00	12.06	15.31	0.06		588.03	60.05	99.17
8/6/2024 9:00	13.52	46.38	0.11		535.43	59.65	99.14
8/6/2024 10:00	10.88	9.83	0.03		537.32	58.67	99.14
8/6/2024 11:00					536.73	57.21	99.16
8/6/2024 12:00					465.11	55.64	99.06
8/6/2024 13:00					541.03	54.57	99.03
8/6/2024 14:00					503.06	53.68	99.05
8/6/2024 15:00					449.64	53.3	98.99
8/6/2024 16:00					423.40	53.5	98.96
8/6/2024 17:00					466.38	53.9	98.99
8/6/2024 18:00					476.12	54.09	99.03
8/6/2024 19:00					485.30	54.16	99.05
8/6/2024 20:00					501.05	54.33	99.05
8/6/2024 21:00					483.43	54.46	99.09
8/6/2024 22:00					471.17	54.49	99.12
8/6/2024 23:00					486.08	54.49	99.12
8/7/2024					539.62	54.6	99.14
8/7/2024 1:00					574.41	54.64	99.14
8/7/2024 2:00					603.26	54.55	99.12
8/7/2024 3:00					614.29	54.49	99.11
8/7/2024 4:00					612.45	54.43	99.12
8/7/2024 5:00					617.88	54.4	99.13
8/7/2024 6:00					598.64	54.34	99.14
8/7/2024 7:00					595.99	54.19	99.19
8/7/2024 8:00					601.09	54.32	99.23
8/7/2024 9:00					567.98	54.73	99.21
8/7/2024 10:00					567.83	55.22	99.21
8/7/2024 11:00					516.43	55.64	99.17
8/7/2024 12:00					548.14	56.15	99.15

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/7/2024 13:00					485.07	56.94	99.11
8/7/2024 14:00					563.87	57.87	99.08
8/7/2024 15:00					533.81	58.65	99.04
8/7/2024 16:00					530.35	59.16	99.02
8/7/2024 17:00					558.49	59.5	99
8/7/2024 18:00					565.73	59.61	98.97
8/7/2024 19:00					527.14	59.33	98.97
8/7/2024 20:00					500.62	58.85	98.96
8/7/2024 21:00					523.68	58.35	99.01
8/7/2024 22:00					515.76	57.93	99.02
8/7/2024 23:00					599.9	57.69	99.02
8/8/2024					565.92	57.92	98.98
8/8/2024 1:00					545.05	58.01	98.93
8/8/2024 2:00					521.46	58.01	98.9
8/8/2024 3:00					562.04	58.02	98.82
8/8/2024 4:00					595.25	57.92	98.81
8/8/2024 5:00					626.72	57.64	98.82
8/8/2024 6:00					601.55	57.53	98.88
8/8/2024 7:00					579.37	57.69	98.86
8/8/2024 8:00					524.18	58.15	98.84
8/8/2024 9:00					525.68	58.82	98.81
8/8/2024 10:00					516.5	59.69	98.79
8/8/2024 11:00					337.52	60.65	98.79
8/8/2024 12:00					396.73	61.27	98.8
8/8/2024 13:00					413.12	61.92	98.74
8/8/2024 14:00					516.69	63.2	98.7
8/8/2024 15:00					588.74	64.03	98.74
8/8/2024 16:00					495.75	64.65	98.69
8/8/2024 17:00					498.97	64.99	98.66
8/8/2024 18:00					497.38	65.32	98.67

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/8/2024 19:00					454.23	65.32	98.67
8/8/2024 20:00					295.61	65.12	98.64
8/8/2024 21:00					408.2	64.82	98.71
8/8/2024 22:00					52.77	64.34	98.76
8/8/2024 23:00					34.18	64.21	98.73
8/9/2024					29.96	64.04	98.67
8/9/2024 1:00					42.95	63.64	98.61
8/9/2024 2:00					222.89	63.07	98.59
8/9/2024 3:00					534.81	62.6	98.56
8/9/2024 4:00					550.17	62.19	98.53
8/9/2024 5:00					561.34	61.9	98.52
8/9/2024 6:00					551.44	61.47	98.51
8/9/2024 7:00					515.42	61.01	98.52
8/9/2024 8:00					517.54	60.73	98.5
8/9/2024 9:00					429.91	60.46	98.49
8/9/2024 10:00					449.24	60.31	98.47
8/9/2024 11:00					422.05	60.44	98.46
8/9/2024 12:00					431.72	60.77	98.45
8/9/2024 13:00					419.13	61.24	98.47
8/9/2024 14:00	5.51	16.84	0.4		441.92	61.72	98.51
8/9/2024 15:00	7.7	24.57	0.56		539.21	62.17	98.56
8/9/2024 16:00	9.39	40.86	1.55		802.57	62.82	98.65
8/9/2024 17:00	38.49	55.71	0.02		4.39	63.07	98.76
8/9/2024 18:00	13.69	35.1	0		0.42	63.06	98.7
8/9/2024 19:00	31.9	62.74	0.03		34.15	63.47	98.73
8/9/2024 20:00	22.17	26.51	0.03		95.56	62.32	98.75
8/9/2024 21:00	16	28.03	0.02		131.13	61.79	98.81
8/9/2024 22:00	11.45	33.38	0.01		141.23	61.5	98.85
8/9/2024 23:00	8.21	18.46	0.03		145.80	60.3	98.89
8/10/2024	19.78	30.06	0.04		456.62	59.9	98.92

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/10/2024 1:00	22.53	16.76	0.13		572.84	59.85	98.94
8/10/2024 2:00	16.75	16.5	0.05		595.50	59.54	98.94
8/10/2024 3:00	9.93	40.64	0.15		632.12	59.31	98.93
8/10/2024 4:00	24.48	17.94	0.12		604.64	58.97	98.95
8/10/2024 5:00	30.69	17.21	0.08		557.89	58.6	98.97
8/10/2024 6:00	11.24	30.17	0.09		494.58	58.23	99
8/10/2024 7:00	30.77	12.6	0.05		467.74	57.8	99.04
8/10/2024 8:00	10.23	14.53	0.19		477.55	57.74	99.05
8/10/2024 9:00	12.41	8.47	0.25		437.45	57.91	99.06
8/10/2024 10:00	5.55	12.69	0.27		454.99	58.19	99.06
8/10/2024 11:00	9.2	10.17	0.31		447.79	58.55	99.05
8/10/2024 12:00	9.91	14.47	0.42		482.72	58.84	99.05
8/10/2024 13:00	7.31	10.92	0.48		530.83	59.04	99.04
8/10/2024 14:00	9.06	20.73	0.56		565.93	59.38	99.03
8/10/2024 15:00	8.45	20.02	0.54		517.56	59.61	99.04
8/10/2024 16:00	10.48	15.21	0.5		512.69	59.79	99.04
8/10/2024 17:00	22.3	16.7	0.54		588.59	60	99.04
8/10/2024 18:00	39.37	22.68	0.22		590.43	60.13	99.05
8/10/2024 19:00	32.88	15.5	0.13		589.28	60	99.08
8/10/2024 20:00	27.04	25.3	0.09		625.52	59.72	99.11
8/10/2024 21:00	16.74	19.32	0.06		615.79	59.26	99.17
8/10/2024 22:00	21.57	11.1	0.05		624.13	58.94	99.18
8/10/2024 23:00	14.14	18.13	0.12		602.25	58.76	99.19
8/11/2024	22.34	26.9	0.09		568.55	58.48	99.16
8/11/2024 1:00	15.38	17.98	0.12		566.91	58.21	99.14
8/11/2024 2:00	40.12	9.05	0.05		556.54	58.04	99.11
8/11/2024 3:00	18.9	13.4	0.04		556.99	57.92	99.08
8/11/2024 4:00	14.99	26.46	0.1		513.9	57.81	99.1
8/11/2024 5:00	19.57	16.64	0.14		539.96	57.77	99.12
8/11/2024 6:00	41.41	30.87	0.29		538.74	57.69	99.11

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/11/2024 7:00	10.47	16.85	0.17		505.34	57.63	99.12
8/11/2024 8:00	24.2	13.11	0.18		537.56	57.68	99.15
8/11/2024 9:00	17.03	20	0.3		520.98	57.81	99.16
8/11/2024 10:00	13.21	23.15	0.3		571.85	57.91	99.17
8/11/2024 11:00	7.75	19.77	0.34		523.46	58.04	99.16
8/11/2024 12:00	21.64	25.7	0.44		545.02	58.4	99.13
8/11/2024 13:00	20.48	21.91	0.46		520.47	59.08	99.1
8/11/2024 14:00	22.99	37.48	0.54		573.36	59.66	99.1
8/11/2024 15:00	14.99	27.93	0.43		579.54	60.14	99.09
8/11/2024 16:00	33.69	26.41	0.47		574.32	60.49	99.11
8/11/2024 17:00	25.87	33.05	0.34		597.22	60.67	99.08
8/11/2024 18:00	45.43	26.1	0.34		636.96	60.6	99.08
8/11/2024 19:00	39.94	28.82	0.31		620.56	60.76	99.04
8/11/2024 20:00	21.29	29.44	0.16		623.62	60.84	99.07
8/11/2024 21:00	20.2	43.24	0.2		631.25	60.59	99.12
8/11/2024 22:00	22.51	25.17	0.36		658.97	60.32	99.14
8/11/2024 23:00	23.87	16.36	0.46		613.02	59.96	99.16
8/12/2024	8.83	21.44	0.55		610.56	59.47	99.19
8/12/2024 1:00	11.77	20.4	0.6		625.48	58.97	99.2
8/12/2024 2:00	31.09	17.62	0.58		597.78	58.34	99.22
8/12/2024 3:00	22.34	17.36	0.42		587.07	57.7	99.24
8/12/2024 4:00	22.18	15.66	0.36		595.06	57.3	99.23
8/12/2024 5:00	16.25	21.96	0.32		582.92	57.04	99.24
8/12/2024 6:00	29.55	17.84	0.34		605.01	56.7	99.29
8/12/2024 7:00	31.13	24.57	0.25		605.52	56.46	99.3
8/12/2024 8:00	24.37	17.7	0.21		557.49	56.71	99.32
8/12/2024 9:00	18.14	12.87	0.33		540.93	57.26	99.34
8/12/2024 10:00	15.97	13.35	0.42		510.86	57.97	99.37
8/12/2024 11:00	10.93	15.48	0.43		472.59	58.83	99.39
8/12/2024 12:00	8.79	12.26	0.49		508.63	59.73	99.38

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/12/2024 13:00	11.97	15.49	0.52		475.17	60.62	99.37
8/12/2024 14:00	9.96	29.56	0.72		635.89	61.89	99.35
8/12/2024 15:00	14.27	26.62	0.1		293.74	62.76	99.38
8/12/2024 16:00	34.34	38.41	0.28		388.84	63.51	99.35
8/12/2024 17:00	12.92	13.91	0.09		623.81	63.91	99.37
8/12/2024 18:00	26.94	29.66	0.07		387.47	64.05	99.39
8/12/2024 19:00	37.39	20.41	0		29.96	63.89	99.39
8/12/2024 20:00	30.84	29.76	0.02		96.32	63.56	99.41
8/12/2024 21:00	33.52	24.35	0.06		308.63	63.63	99.46
8/12/2024 22:00	12.9	20.07	0.03		415.33	63.56	99.48
8/12/2024 23:00	69.57	24.47	0.08		206.25	63.08	99.48
8/13/2024	17.38	20.28	0.02		103.43	62.52	99.45
8/13/2024 1:00	48.63	20.69	0.03		97.81	62.15	99.44
8/13/2024 2:00	9.83	16.34	0.04		278.22	61.8	99.44
8/13/2024 3:00	8.31	15.77	0.08		510.96	62.08	99.47
8/13/2024 4:00	22.55	23.03	0.25		555.85	62.08	99.48
8/13/2024 5:00	15.31	21.82	0.11		664.15	62.17	99.49
8/13/2024 6:00	59.12	7.58	0.08		679.33	62.09	99.53
8/13/2024 7:00	31.36	11.69	0.12		623.65	61.9	99.56
8/13/2024 8:00	12.54	16.83	0.13		637.96	61.92	99.55
8/13/2024 9:00					464.65	62.36	99.55
8/13/2024 10:00					469.37	62.98	99.55
8/13/2024 11:00					442.68	63.66	99.53
8/13/2024 12:00					574.02	64.61	99.51
8/13/2024 13:00					447.02	65.41	99.49
8/13/2024 14:00					360.71	66.09	99.45
8/13/2024 15:00					381.83	66.4	99.46
8/13/2024 16:00					356.85	66.24	99.42
8/13/2024 17:00					519.69	65.83	99.44
8/13/2024 18:00					461.95	65.45	99.45

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/13/2024 19:00					458.2	65	99.47
8/13/2024 20:00					602.23	64.76	99.5
8/13/2024 21:00					584.47	64.32	99.57
8/13/2024 22:00					393.96	63.86	99.58
8/13/2024 23:00					108.95	63.12	99.59
8/14/2024					112.17	62.76	99.57
8/14/2024 1:00					17.24	62.42	99.6
8/14/2024 2:00					43.79	62.42	99.59
8/14/2024 3:00					38.42	62.38	99.59
8/14/2024 4:00					74.47	62.15	99.6
8/14/2024 5:00					70.41	61.9	99.65
8/14/2024 6:00					63.09	61.67	99.66
8/14/2024 7:00					236.16	61.61	99.69
8/14/2024 8:00					397.09	61.95	99.71
8/14/2024 9:00					426.05	62.28	99.69
8/14/2024 10:00					467.11	62.89	99.75
8/14/2024 11:00					487.32	63.62	99.71
8/14/2024 12:00					539.27	64.2	99.69
8/14/2024 13:00					452.69	64.66	99.66
8/14/2024 14:00					401	65.08	99.63
8/14/2024 15:00					427.51	65.55	99.6
8/14/2024 16:00					356.53	65.84	99.58
8/14/2024 17:00					491.65	65.89	99.57
8/14/2024 18:00					506.57	65.72	99.57
8/14/2024 19:00					520.87	65.61	99.55
8/14/2024 20:00					532.33	65.33	99.55
8/14/2024 21:00					560.1	64.87	99.54
8/14/2024 22:00					460.65	64.28	99.61
8/14/2024 23:00					539.44	63.75	99.63
8/15/2024					549.66	63.02	99.62

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/15/2024 1:00					495.6	62.55	99.53
8/15/2024 2:00					517.09	62.16	99.5
8/15/2024 3:00					489.58	61.8	99.47
8/15/2024 4:00					513.58	61.48	99.5
8/15/2024 5:00					531.9	61.14	99.54
8/15/2024 6:00					519.98	60.82	99.57
8/15/2024 7:00					474.33	60.61	99.57
8/15/2024 8:00					409.25	60.64	99.57
8/15/2024 9:00					394.14	60.92	99.56
8/15/2024 10:00					403.02	61.33	99.49
8/15/2024 11:00					373.56	61.93	99.47
8/15/2024 12:00					380.26	62.45	99.45
8/15/2024 13:00					418	63.07	99.41
8/15/2024 14:00					424.03	63.59	99.38
8/15/2024 15:00					471.05	64.15	99.31
8/15/2024 16:00					477.43	64.28	99.28
8/15/2024 17:00					531.58	64.4	99.26
8/15/2024 18:00					395.47	64.25	99.24
8/15/2024 19:00					270.22	64.01	99.23
8/15/2024 20:00					457.43	63.85	99.23
8/15/2024 21:00					491.66	63.38	99.24
8/15/2024 22:00					384.83	62.77	99.26
8/15/2024 23:00					438.43	62.4	99.21
8/16/2024					511.11	62.16	99.18
8/16/2024 1:00					490.43	61.89	99.15
8/16/2024 2:00					497.23	61.71	99.1
8/16/2024 3:00					554.54	61.73	99.01
8/16/2024 4:00					494.65	61.56	98.99
8/16/2024 5:00					412.75	61.21	98.95
8/16/2024 6:00					422.44	60.61	98.95

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/16/2024 7:00					469.12	59.75	98.94
8/16/2024 8:00					477.7	59.2	98.9
8/16/2024 9:00					397.8	59.1	98.86
8/16/2024 10:00					337.25	59.02	98.81
8/16/2024 11:00					403.76	59.28	98.77
8/16/2024 12:00	5.76	37.77	0.82		489.86	59.45	98.74
8/16/2024 13:00	8.52	29.95	0.89		528.21	59.56	98.69
8/16/2024 14:00	7.32	24.45	0.65		477.81	59.02	98.67
8/16/2024 15:00	14.63	43.81	0.83		368.38	56.68	98.62
8/16/2024 16:00	17.75	43.1	0.5		199.2	54.89	98.58
8/16/2024 17:00	12.33	34.23	0.65		345.36	55.6	98.53
8/16/2024 18:00	11.24	30.9	0.66		372.61	56.15	98.55
8/16/2024 19:00	8.07	28.3	0.64		395.19	56.54	98.54
8/16/2024 20:00	8.08	27.55	0.58		375.69	57.01	98.52
8/16/2024 21:00	8.8	28.87	0.61		385.53	57.37	98.55
8/16/2024 22:00	7.58	26.73	0.64		387.27	57.57	98.54
8/16/2024 23:00	9.46	27.47	0.66		257.84	57.69	98.47
8/17/2024	7.57	22.41	0.95		445.53	57.7	98.44
8/17/2024 1:00	5.18	20.55	0.84		453.59	57.5	98.4
8/17/2024 2:00	7.48	18.98	0.75		442.24	57.2	98.35
8/17/2024 3:00	3.73	17.17	0.69		433.92	57.1	98.29
8/17/2024 4:00	6.31	15.67	0.68		429.12	57.13	98.27
8/17/2024 5:00	3.22	14.3	0.72		476.44	57.01	98.2
8/17/2024 6:00	4.52	13.49	0.8		560.01	56.86	98.17
8/17/2024 7:00	4.21	14.55	0.82		530.53	56.67	98.23
8/17/2024 8:00	5.77	15.12	0.78		504.12	56.79	98.23
8/17/2024 9:00	11.51	29.49	0.65		330.57	57.24	98.25
8/17/2024 10:00	12.7	32.13	0.02		3.24	57.6	98.29
8/17/2024 11:00	6.94	24.07	0.03		11.15	57.51	98.26
8/17/2024 12:00	5.87	19.25	0.19		95.42	59.17	98.19

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/17/2024 13:00	6.56	16.62	0.19		112.28	59.89	98.15
8/17/2024 14:00	6.25	17.06	0.3		189	59.81	98.12
8/17/2024 15:00	6.01	16.77	0.77		441.16	59.64	98.07
8/17/2024 16:00	4.35	16.71	0.73		414.5	59.49	98.05
8/17/2024 17:00	9.67	24.11	4.64		1184.98	59.13	97.88
8/17/2024 18:00	7.99	19.36	1.88		541.42	58.59	97.93
8/17/2024 19:00	4.45	14.95	1.06		526.04	58.12	98
8/17/2024 20:00	3.24	16.41	0.87		504.94	57.68	98.08
8/17/2024 21:00	4.56	17.26	0.79		466.89	57.25	98.15
8/17/2024 22:00	4.25	16.05	0.72		439.29	56.87	98.15
8/17/2024 23:00	3.82	13.34	0.71		453.06	56.54	98.12
8/18/2024	2.68	15.18	0.76		493.88	56.2	98.12
8/18/2024 1:00	3.2	15.06	0.73		477.95	55.86	98.16
8/18/2024 2:00	4.01	14.48	0.7		475.77	55.65	98.14
8/18/2024 3:00	4.21	12.93	0.64		462.6	55.51	98.12
8/18/2024 4:00	4.66	15.32	0.75		496.51	55.41	98.14
8/18/2024 5:00	4.93	15.31	0.72		482.63	55.34	98.13
8/18/2024 6:00	5.29	16.09	0.77		509.13	55.39	98.15
8/18/2024 7:00	3.4	14.14	0.68		453.61	55.45	98.19
8/18/2024 8:00	4.3	13.82	0.67		445.77	55.43	98.22
8/18/2024 9:00	2.51	12.23	0.66		437.32	55.39	98.25
8/18/2024 10:00	4.87	14.75	0.72		466.93	55.62	98.27
8/18/2024 11:00	5.31	15.1	0.7		452.28	56	98.26
8/18/2024 12:00	4.52	16.25	0.79		488.89	56.31	98.26
8/18/2024 13:00	5.88	22.55	0.68		271.88	56.99	98.28
8/18/2024 14:00	9.6	19.82	0.76		302.33	56.89	98.28
8/18/2024 15:00	7.68	21.17	0.95		313.65	55.23	98.33
8/18/2024 16:00	3.78	14.69	0.74		329.15	53.98	98.37
8/18/2024 17:00	3.84	12.38	0.57		307.44	53.27	98.41
8/18/2024 18:00	2.75	10.69	0.51		310.29	53.52	98.49

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/18/2024 19:00	4.72	10.2	0.47		304.3	53.21	98.52
8/18/2024 20:00	3.71	11.61	0.49		331.48	52.36	98.58
8/18/2024 21:00	3.24	14.92	0.48		327.73	52.81	98.63
8/18/2024 22:00	2.67	13.08	0.4		280.1	52.52	98.68
8/18/2024 23:00	3.17	13.18	0.37		259.39	51.96	98.7
8/19/2024	2.91	13.35	0.39		284.34	51.83	98.71
8/19/2024 1:00	4.64	11.99	0.4		287.95	51.58	98.69
8/19/2024 2:00	3.91	12.05	0.4		280.48	51.9	98.71
8/19/2024 3:00	2.86	10.34	0.35		253.79	52.1	98.7
8/19/2024 4:00	1.49	8.63	0.3		225.2	52.22	98.71
8/19/2024 5:00	2.84	8.84	0.35		257.89	52.49	98.73
8/19/2024 6:00	2.2	11.33	0.37		258.54	52.37	98.77
8/19/2024 7:00	3.22	11.52	0.35		247.01	52.47	98.83
8/19/2024 8:00	3.46	11.22	0.35		250.41	52.41	98.91
8/19/2024 9:00	3.63	10.37	0.36		259.72	52.49	98.93
8/19/2024 10:00	2.49	9.98	0.42		302.18	52.5	99.02
8/19/2024 11:00	3.76	10.01	0.46		346.43	52.34	99.05
8/19/2024 12:00	1.7	8.15	0.45		340.58	52.29	99.03
8/19/2024 13:00	3.27	8.39	0.45		344.99	52.31	99.06
8/19/2024 14:00					340.62	52.15	99.13
8/19/2024 15:00	3.54	11.15	0.46		337.79	52.29	99.17
8/19/2024 16:00	2.92	10.83	0.46		351.94	52.17	99.18
8/19/2024 17:00	3.18	12.54	0.5		363.61	52.03	99.21
8/19/2024 18:00	4.69	11.81	0.46		345.11	51.91	99.25
8/19/2024 19:00	3.88	11.28	0.46		337.61	51.33	99.29
8/19/2024 20:00	3.82	13.62	0.47		350.56	50.58	99.32
8/19/2024 21:00	4.83	15.41	0.11		76.29	51.55	99.36
8/19/2024 22:00	3.64	13.06	0.33		265.78	50.99	99.38
8/19/2024 23:00	4.44	11.79	0.24		195.8	50.58	99.4
8/20/2024	3.08	10.54	0.35		302.5	50.51	99.44

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/20/2024 1:00	3.28	10.51	0.31		283.6	50.36	99.47
8/20/2024 2:00	2.98	8.71	0.32		265.68	50.72	99.49
8/20/2024 3:00	2.33	9.86	0.33		253.36	51.5	99.51
8/20/2024 4:00	3.4	9.67	0.29		237.04	52.66	99.54
8/20/2024 5:00	2.46	9.96	0.29		221.43	52.76	99.56
8/20/2024 6:00	4	11.99	0.3		223.23	53.02	99.61
8/20/2024 7:00	2.83	10.87	0.3		224.11	53.3	99.65
8/20/2024 8:00	4.02	13.97	0.3		226.41	53.42	99.67
8/20/2024 9:00	5.31	13	0.35		273.65	53.33	99.71
8/20/2024 10:00	2.99	7.28	0.23		282.35	53.63	99.7
8/20/2024 11:00	1.48	6.75	0.25		350.57	53.51	99.73
8/20/2024 12:00	1.84	5.39	0.33		408.25	53.03	99.75
8/20/2024 13:00					432.21	52.66	99.72
8/20/2024 14:00			0.39		454.08	52.94	99.68
8/20/2024 15:00			0.39		452.74	53.38	99.7
8/20/2024 16:00			0.37		464.73	53.73	99.68
8/20/2024 17:00			0.37		460.7	53.92	99.68
8/20/2024 18:00			0.39		477.63	53.99	99.67
8/20/2024 19:00			0.38		477.14	53.92	99.67
8/20/2024 20:00			0.39		484.64	53.75	99.69
8/20/2024 21:00			0.35		428.46	53.52	99.76
8/20/2024 22:00			0.26		376.41	53.5	99.79
8/20/2024 23:00			0.28		417.68	53.53	99.78
8/21/2024			0.3		469.73	53.52	99.76
8/21/2024 1:00			0.32		489.07	53.45	99.74
8/21/2024 2:00			0.3		471.5	53.14	99.77
8/21/2024 3:00			0.29		460.65	53.03	99.79
8/21/2024 4:00			0.28		461.38	52.97	99.78
8/21/2024 5:00			0.28		460.46	52.99	99.77
8/21/2024 6:00			0.29		466.06	52.96	99.8

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/21/2024 7:00			0.28		469.01	52.89	99.87
8/21/2024 8:00					469.84	52.93	99.9
8/21/2024 9:00					457.32	53.36	99.91
8/21/2024 10:00					445.93	54.14	99.87
8/21/2024 11:00					449.09	54.76	99.91
8/21/2024 12:00	3.46	8.69	0.38	294.6	448.83	55	99.9
8/21/2024 13:00	3.1	9.92	0.43	324.81	463.56	55.21	99.89
8/21/2024 14:00	2.64	15.42	0.49	339.07	500.68	55.5	99.85
8/21/2024 15:00	9.16	20.29	0.5	338.07	484.29	55.86	99.81
8/21/2024 16:00	5.33	21.08	0.4	305.53	429.11	55.93	99.79
8/21/2024 17:00	5.97	18.57	0.42	288.82	472.94	55.85	99.77
8/21/2024 18:00	3.36	15.2	0.32	277.22	388.54	55.76	99.76
8/21/2024 19:00	3.27	13.48	0.42	275.57	521.27	55.51	99.78
8/21/2024 20:00	1.77	12.33	0.37	243.26	514.19	55.29	99.78
8/21/2024 21:00	4	16.7	0.45	287.24	518.96	54.88	99.81
8/21/2024 22:00	15.14	28.28	1.69	1668.77	652.71	54.66	99.92
8/21/2024 23:00	8.69	18.71	0.15	535.57	126.55	53.62	99.91
8/22/2024	7.28	15.28	0.43	446.4	340.12	54.84	99.87
8/22/2024 1:00	3.67	10.09	0.3	284.82	362.87	54.84	99.88
8/22/2024 2:00	3.89	8.09	0.33	266.9	442.66	54.49	99.87
8/22/2024 3:00	1.91	8.05	0.36	258.24	496.61	54.22	99.88
8/22/2024 4:00	1.96	7.93	0.35	256.51	486.86	53.95	99.89
8/22/2024 5:00	1.98	8.45	0.34	245.44	482.47	53.75	99.92
8/22/2024 6:00	3.06	10.79	0.36	257.67	477.87	53.34	99.98
8/22/2024 7:00	3.23	9.13	0.34	255.42	467.82	53.1	100.04
8/22/2024 8:00	2.44	8.47	0.33	254.67	451.01	53.22	100.05
8/22/2024 9:00	3.05	9.12	0.28	253.16	390.86	53.62	100.03
8/22/2024 10:00	2.03	9.34	0.23	250.51	326.16	54.24	100.03
8/22/2024 11:00	3.02	9.88	0.24	264.42	311.15	55.07	100
8/22/2024 12:00	2.59	10.25	0.26	309.52	298.81	56.2	99.95

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/22/2024 13:00	2.23	13.25	0.33	355.7	327.73	57.48	99.93
8/22/2024 14:00	6	17.94	0.37	351.45	359.9	58.61	99.88
8/22/2024 15:00	10.53	32.19	0.51	384.87	405.29	59.56	99.85
8/22/2024 16:00	17.03	48.2	0.46	403.18	338.77	60.23	99.82
8/22/2024 17:00	14.3	44.36	0.35	360	283.66	60.7	99.8
8/22/2024 18:00	12.63	37.86	0.34	345.61	299.06	60.94	99.8
8/22/2024 19:00	14.53	39.38	0.52	341.01	445.86	60.9	99.82
8/22/2024 20:00	18.08	54.15	0.66	392.96	479.65	60.62	99.86
8/22/2024 21:00	16.39	52.12	0.51	361.46	403.32	59.96	99.91
8/22/2024 22:00	13.28	44.48	0.42	317.79	381	59.28	99.94
8/22/2024 23:00	7.09	29.01	0.34	282.17	371.04	58.71	99.95
8/23/2024	7.96	22.11	0.34	285.18	383.01	58.12	99.96
8/23/2024 1:00	3.78	17.11	0.35	282.52	416.96	57.61	99.96
8/23/2024 2:00	4.77	15.54	0.39	250.57	515.12	57.18	99.95
8/23/2024 3:00	3.32	12.93	0.38	259.64	492.39	56.83	99.94
8/23/2024 4:00	3.1	11.13	0.37	257.5	492.63	56.49	99.95
8/23/2024 5:00	2.87	12.18	0.37	259.76	491.63	56.21	99.97
8/23/2024 6:00	3.42	12.38	0.39	269.52	498.49	55.92	100
8/23/2024 7:00	3.64	10.63	0.36	264.26	468.83	55.73	100.04
8/23/2024 8:00	2.7	11.95	0.34	261.93	448.94	55.71	100.07
8/23/2024 9:00	4.2	13.5	0.3	268.96	376.37	55.96	100.07
8/23/2024 10:00	2.58	11.33	0.23	268.44	290.49	56.45	100.05
8/23/2024 11:00	3.1	9.81	0.26	283.61	319.43	57.12	100.03
8/23/2024 12:00	3	12.65	0.29	315.12	321.3	57.91	100
8/23/2024 13:00	5.37	13.9	0.33	359.22	321.79	58.88	99.96
8/23/2024 14:00	5.33	18.77	0.35	359.61	332.1	59.93	99.93
8/23/2024 15:00	14.84	46.93	0.63	419.5	456.05	61.11	99.91
8/23/2024 16:00	22.57	65.4	0.4	419.91	264.93	61.67	99.9
8/23/2024 17:00	19.86	61.4	0.42	371.59	306.19	61.97	99.88
8/23/2024 18:00	20.62	64.38	0.39	370.76	280.7	62.01	99.88

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/23/2024 19:00	15.75	49.56	0.34	327.56	293.48	61.77	99.87
8/23/2024 20:00	15.02	40.27	0.37	311.31	346.98	61.15	99.84
8/23/2024 21:00	13.12	40.67	0.47	317.02	428.63	60.55	99.86
8/23/2024 22:00	10.92	33.44	0.38	304.17	376.35	60.03	99.85
8/23/2024 23:00	6.64	22.98	0.32	286.75	357.73	59.4	99.86
8/24/2024	5.47	19.9	0.31	256.18	397.44	58.76	99.87
8/24/2024 1:00	6.15	16.31	0.38	273.63	460.09	58.3	99.88
8/24/2024 2:00	2.32	12.09	0.32	243.11	453.41	57.88	99.86
8/24/2024 3:00	1.68	10.35	0.31	248.41	439.41	57.5	99.84
8/24/2024 4:00	3.7	8.13	0.3	247.14	429.77	57.05	99.86
8/24/2024 5:00	1.88	8.42	0.3	246.91	434.61	56.81	99.86
8/24/2024 6:00	3.86	8.34	0.32	257.61	440	56.51	99.89
8/24/2024 7:00	2.08	9.7	0.44	354.25	480.95	56.23	99.93
8/24/2024 8:00	4.3	10.79	0.38	400.65	337.41	56.16	99.94
8/24/2024 9:00	2.97	13.93	0.26	275.33	315.68	56.33	99.91
8/24/2024 10:00	3.6	12.44	0.22	270.51	277.91	56.8	99.9
8/24/2024 11:00	2.01	9.99	0.22	292.5	270.24	57.37	99.86
8/24/2024 12:00	3.38	10.87	0.24	284.64	293.88	58.09	99.79
8/24/2024 13:00	3.37	12.74	0.3	334.74	309.75	59.09	99.75
8/24/2024 14:00	4.33	13.55	0.32	346.92	320.21	60.02	99.72
8/24/2024 15:00	5.77	22.77	0.4	366.54	359.1	60.84	99.71
8/24/2024 16:00	11.26	41.22	0.38	368.65	311.81	61.43	99.7
8/24/2024 17:00	13.97	45.8	0.38	342.94	323.21	61.96	99.69
8/24/2024 18:00	12.39	49.02	0.34	339.58	285.53	62.32	99.64
8/24/2024 19:00	8.36	43.68	0.3	316.71	271.91	62.29	99.66
8/24/2024 20:00	8.84	30.99	0.29	279.39	314.56	62.03	99.66
8/24/2024 21:00	7.66	28.41	0.35	282.15	382.8	61.44	99.68
8/24/2024 22:00	6.96	26.24	0.37	292.55	397.63	60.91	99.68
8/24/2024 23:00	4.49	22.24	0.34	278.83	390.14	60.29	99.7
8/25/2024	4.58	21.95	0.38	285.26	429.36	59.64	99.7

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/25/2024 1:00	4.99	19.33	0.34	269	416.82	59.05	99.73
8/25/2024 2:00	5.18	16.81	0.3	248.88	387.94	58.64	99.73
8/25/2024 3:00	3.77	14.16	0.31	254.83	401.83	58.3	99.72
8/25/2024 4:00	2.29	12.51	0.3	252.93	402.49	57.96	99.71
8/25/2024 5:00	2.43	13.31	0.34	266.73	439.25	57.78	99.72
8/25/2024 6:00	3.55	15.06	0.37	285.86	442.47	57.72	99.78
8/25/2024 7:00	2.06	12.2	0.34	280.52	420.26	57.66	99.83
8/25/2024 8:00	2.47	9.56	0.29	265.76	377.38	57.63	99.87
8/25/2024 9:00	4.22	14.7	0.29	273.65	355.84	57.78	99.86
8/25/2024 10:00	4.24	13.1	0.24	288.57	283.37	58.18	99.86
8/25/2024 11:00	2.74	15.08	0.23	291.22	271.87	58.91	99.86
8/25/2024 12:00	2.38	14.43	0.23	303.12	259.33	59.73	99.84
8/25/2024 13:00	5.54	15.41	0.26	317.56	272.41	60.63	99.79
8/25/2024 14:00	9.48	28.54	0.36	365.45	316.59	61.35	99.77
8/25/2024 15:00	8.25	32.63	0.33	353.45	290.89	62.04	99.72
8/25/2024 16:00	7.34	30.5	0.27	310.66	267.09	62.45	99.69
8/25/2024 17:00	6.89	32.96	0.37	327.14	342.93	62.89	99.66
8/25/2024 18:00	7.34	37.55	0.33	331.74	297.19	63.29	99.63
8/25/2024 19:00	9.86	33.74	0.35	314.33	334.82	63.1	99.66
8/25/2024 20:00	9.51	34.95	0.39	302.28	387.76	62.71	99.69
8/25/2024 21:00	5.84	25.41	0.32	283.4	355.2	62.19	99.73
8/25/2024 22:00	5.27	19.88	0.34	304.4	365.75	61.39	99.75
8/25/2024 23:00	5.44	17.01	0.36	315.96	382.07	60.81	99.74
8/26/2024	2.51	16.08	0.36	317.76	387.06	60.23	99.73
8/26/2024 1:00	3.41	13.72	0.37	321.99	397.35	59.65	99.71
8/26/2024 2:00	2.57	12.58	0.39	313.63	426.73	58.96	99.68
8/26/2024 3:00	2.93	10.71	0.36	296.03	425.99	58.53	99.66
8/26/2024 4:00	3.13	11.05	0.34	294.12	406.24	58.28	99.65
8/26/2024 5:00	3.18	8.3	0.37	307.02	431.22	58.1	99.64
8/26/2024 6:00	3.32	11.19	0.38	299.13	441.55	57.97	99.67

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/26/2024 7:00	2.57	10.48	0.36	290.26	433.15	57.87	99.71
8/26/2024 8:00	3.6	15.62	0.38	302.83	430.36	57.72	99.71
8/26/2024 9:00	4.31	17.6	0.41	362.84	385.37	57.74	99.71
8/26/2024 10:00					284.34	58.23	99.69
8/26/2024 11:00	2.81	16.13	0.35	471.69	258.39	59.17	99.65
8/26/2024 12:00	6.24	18.98	0.34	434.67	266.36	60.33	99.59
8/26/2024 13:00	6.01	24.18	0.34	361.45	307.14	61.43	99.54
8/26/2024 14:00	8.29	33.85	0.42	373	345.78	62.45	99.5
8/26/2024 15:00	19.55	55.8	0.44	391.99	318.11	63.46	99.45
8/26/2024 16:00	17.76	61.8	0.37	366.78	281.08	64.29	99.42
8/26/2024 17:00	16.77	56.01	0.3	344.55	352.35	64.85	99.4
8/26/2024 18:00	16.45	54.04	0.46	616.09	247.07	65.26	99.43
8/26/2024 19:00	10.32	39.89	0.26	300.12	252.97	65.13	99.38
8/26/2024 20:00	11.69	35.31	0.34	311.08	330.32	64.7	99.41
8/26/2024 21:00	11.98	37.13	0.48	360.61	406.53	64.13	99.44
8/26/2024 22:00	10.92	37.39	0.4	346.74	349.47	63.53	99.43
8/26/2024 23:00	9.84	30.33	0.38	328.28	355.46	62.87	99.4
8/27/2024	13	41.89	0.57	375.14	457.81	62.21	99.39
8/27/2024 1:00	12.62	43.76	0.45	357.43	368.74	61.56	99.38
8/27/2024 2:00	10.37	34.32	0.38	312.51	369.13	60.92	99.33
8/27/2024 3:00	9.43	25.81	0.36	301.22	375.37	60.3	99.31
8/27/2024 4:00	6.6	20.62	0.35	299.8	378.84	59.82	99.26
8/27/2024 5:00	4.46	16.88	0.34	296.32	381.67	59.43	99.24
8/27/2024 6:00	3.07	15.65	0.34	289.81	396.61	59.22	99.28
8/27/2024 7:00	3.66	14.83	0.34	284.17	404.43	59.11	99.27
8/27/2024 8:00	5.54	14.38	0.36	298.96	408.36	59.01	99.3
8/27/2024 9:00	3.35	13.63	0.33	282.12	397.12	58.9	99.18
8/27/2024 10:00	4.14	14.31	0.34	300.65	389.08	58.4	99.14
8/27/2024 11:00	4.42	11.94	0.32	297.56	372.33	57.75	99.18
8/27/2024 12:00	2.93	15.03	0.35	295.85	403.86	57.66	99.18

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/27/2024 13:00	6.78	21.82	0.38	324.16	381.09	58.21	99.09
8/27/2024 14:00	6.76	24.27	0.33	332.93	324.04	59.23	99.01
8/27/2024 15:00	11.35	30.37	0.72	630.02	348.06	60.39	98.99
8/27/2024 16:00	27.53	59.02	2.51	2073.56	392.42	61.41	99.06
8/27/2024 17:00	7.89	28.82	0.29	421.94	228.83	61.86	98.96
8/27/2024 18:00	11.16	36.46	0.43	340.38	383.26	62.95	99.02
8/27/2024 19:00	9.82	27.51	0.58	392.58	486.73	61.8	99.06
8/27/2024 20:00	14.45	47.68	0.74	670.76	354.26	60.61	99.09
8/27/2024 21:00	10.62	36.37	0.48	330.86	433.17	59.51	99.08
8/27/2024 22:00	15.54	42.55	0.45	326.91	396.96	58.91	99.03
8/27/2024 23:00	8.87	27.74	0.31	311.22	311.11	59	99.06
8/28/2024	6.02	19	0.31	301.47	342.49	58.98	99.01
8/28/2024 1:00	6.75	23.06	0.39	313.49	403.74	58.84	99.03
8/28/2024 2:00	6.16	21.12	0.33	296.09	361.96	58.77	99.04
8/28/2024 3:00	4.05	15.68	0.31	293.26	361.13	58.7	99.06
8/28/2024 4:00	4.36	13.76	0.31	286.88	371.33	58.68	99.1
8/28/2024 5:00	2.57	12.83	0.32	288.28	379.79	58.5	99.11
8/28/2024 6:00	4.61	11.64	0.33	287.23	398.92	58.3	99.15
8/28/2024 7:00	2.64	10.4	0.33	291.93	400.66	58.23	99.18
8/28/2024 8:00	2.65	11.76	0.36	289.83	432.13	58.33	99.18
8/28/2024 9:00			0.39	308.19	417.14	58.55	99.16
8/28/2024 10:00			0.35	301.52	397.52	58.85	99.18
8/28/2024 11:00			0.35	306.97	386.74	59.14	99.2
8/28/2024 12:00			0.36	310.97	398.45	59.32	99.23
8/28/2024 13:00		16.37	0.4	325.82	413.51	59.34	99.3
8/28/2024 14:00		15.46	0.41	331.85	423.71	59.28	99.31
8/28/2024 15:00		21.15	0.45	349.39	425.64	59.21	99.33
8/28/2024 16:00		22.2	0.37	323.28	373.05	59.01	99.36
8/28/2024 17:00		17.3	0.31	303.55	343.95	59.02	99.31
8/28/2024 18:00		14.13	0.3	301.75	336.97	58.9	99.34

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/28/2024 19:00		13.98	0.3	296.51	342.49	58.53	99.36
8/28/2024 20:00		17.84	0.39	314.71	409.67	58.03	99.42
8/28/2024 21:00		21.82	0.37	340	356.21	57.5	99.49
8/28/2024 22:00		16.26	0.29	313.56	312.97	57.21	99.52
8/28/2024 23:00		13.06	0.26	293.3	299.11	56.89	99.53
8/29/2024		10.25	0.24	280.08	300.11	56.6	99.53
8/29/2024 1:00		11.97	0.24	290.7	291.76	56.36	99.54
8/29/2024 2:00		8.77	0.23	289.32	283.3	56.24	99.56
8/29/2024 3:00		7.46	0.22	279.55	281.63	56.19	99.61
8/29/2024 4:00		7.26	0.2	280.24	259.83	56.3	99.63
8/29/2024 5:00		6.94	0.2	270.68	268.36	56.47	99.64
8/29/2024 6:00		5.84	0.22	276.21	283.61	56.56	99.7
8/29/2024 7:00		6.42	0.22	276.12	290.83	56.66	99.75
8/29/2024 8:00		8.71	0.26	283.19	322.17	56.82	99.8
8/29/2024 9:00		12.5	0.27	292.6	322.08	57.14	99.79
8/29/2024 10:00	2.77	10.11	0.3	297.79	358.41	57.47	99.8
8/29/2024 11:00	3.74	10.21	0.31	283.39	381.5	57.71	99.8
8/29/2024 12:00	3.54	11.36	0.35	314.8	391.32	58.18	99.79
8/29/2024 13:00	3.1	8.98	0.26	256.65	349.18	58.78	99.78
8/29/2024 14:00	4.55	13.34	0.29	271.55	361.96	59.36	99.76
8/29/2024 15:00	6.64	21.51	0.35	314.16	368.14	60.12	99.71
8/29/2024 16:00	8.8	25.83	0.37	342.69	344.29	61.14	99.63
8/29/2024 17:00	9.21	28.54	0.43	345.3	391.07	61.83	99.62
8/29/2024 18:00	9.74	28.69	0.41	332.1	385.79	62.09	99.65
8/29/2024 19:00	7.19	24.77	0.35	314.27	358.64	62.05	99.62
8/29/2024 20:00	6.96	25.01	0.37	312.35	377.49	61.77	99.61
8/29/2024 21:00	7.38	25.95	0.35	317.62	354.65	61.46	99.63
8/29/2024 22:00	7.36	23.37	0.32	308.48	334.72	61.19	99.64
8/29/2024 23:00	5.35	19.21	0.33	290.13	377.49	60.71	99.66
8/30/2024	3.26	16.37	0.33	291.3	382.66	59.91	99.7

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/30/2024 1:00	4.29	18.1	0.38	297.15	424.82	59.19	99.71
8/30/2024 2:00	5.35	16.1	0.35	292.61	397.31	58.68	99.68
8/30/2024 3:00	4.13	14.46	0.26	289.69	299.03	58.39	99.59
8/30/2024 4:00	3.95	11.63	0.25	283.14	301.94	58	99.53
8/30/2024 5:00	3.53	10.92	0.22	249.01	298.43	57.56	99.5
8/30/2024 6:00	2.66	11.1	0.21	256.5	284.35	57.32	99.47
8/30/2024 7:00	3.15	10.69	0.21	253	278.88	57.2	99.46
8/30/2024 8:00	4.79	9.24	0.19	236.07	276.44	57.01	99.43
8/30/2024 9:00	3.72	9.78	0.21	257.64	288.02	57.04	99.41
8/30/2024 10:00	3.54	9.09	0.22	245.6	307.87	57.19	99.4
8/30/2024 11:00	2.85	9.6	0.23	266.18	307.22	57.36	99.33
8/30/2024 12:00	4.06	15.83	0.36	301.82	398.52	57.81	99.25
8/30/2024 13:00	7.35	26.11	0.46	352.72	419.98	58.4	99.18
8/30/2024 14:00	9.04	34.06	0.49	375.91	409.22	58.97	99.15
8/30/2024 15:00	10.61	36.18	0.3	358.34	258.82	59.84	99.12
8/30/2024 16:00	13.83	39.44	0.35	336.76	306.93	60.63	99.08
8/30/2024 17:00	16.26	45.62	0.52	368.48	411.71	60.88	99.02
8/30/2024 18:00	14.9	47.16	0.39	353.18	321.28	60.92	98.97
8/30/2024 19:00	13.3	37.51	0.33	319.68	308.04	60.94	98.94
8/30/2024 20:00	11.78	33.96	0.35	321.64	325.77	60.64	98.9
8/30/2024 21:00	9.2	28.14	0.31	309.35	318.63	59.52	99.08
8/30/2024 22:00	9.98	30.55	0.35	349.28	315.12	59.12	99.07
8/30/2024 23:00	8.82	24.47	0.28	309.65	286.87	59.1	99.08
8/31/2024	6.36	21.34	0.25	297.62	274.41	59.15	99.05
8/31/2024 1:00	4.31	18.22	0.3	295.18	334.84	59.08	99.06
8/31/2024 2:00	7.02	25.91	0.44	329.78	431.44	58.9	99.06
8/31/2024 3:00	9.24	25.6	0.33	322.58	325.89	58.76	99.03
8/31/2024 4:00	6.28	20.68	0.27	319.2	272.34	58.78	99.05
8/31/2024 5:00	6.85	20.34	0.28	301.16	300.29	58.59	99.14
8/31/2024 6:00	5.88	25.66	0.29	324.16	283.4	58.44	99.04

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/31/2024 7:00	8.02	21.36	0.25	297.46	271.86	58.37	99.05
8/31/2024 8:00	8.3	22.61	0.28	316.14	280.93	58.23	99.11
8/31/2024 9:00	7.38	21.88	0.27	321.25	279.22	58.35	99.13
8/31/2024 10:00	6.57	20.51	0.29	307.03	312.28	58.75	99.15
8/31/2024 11:00	3.89	18.39	0.3	300.25	336.71	59.39	99.15
8/31/2024 12:00	7.03	22.83	0.39	338.46	376.25	60.25	99.11
8/31/2024 13:00	10.58	29.81	0.39	370.56	332.65	61.22	99.09
8/31/2024 14:00	11.26	34.05	0.38	367.23	319.43	62.01	99.04
8/31/2024 15:00	12.54	33.21	0.31	354.45	267.13	62.81	98.95
8/31/2024 16:00	11.22	32.47	0.32	334.06	292.67	63.44	98.9
8/31/2024 17:00	16.59	49.06	0.63	385.86	473.66	63.87	98.88
8/31/2024 18:00	20.04	60.82	0.51	389.79	360.03	64.03	98.87
8/31/2024 19:00	16.43	49.32	0.41	339.03	345.32	64.07	98.87
8/31/2024 20:00	12.57	41.12	0.5	322.15	452.88	63.49	98.88
8/31/2024 21:00	16.8	44.37	0.4	342.65	340.69	62.7	98.94
8/31/2024 22:00	17.42	46.27	0.43	349.62	354.27	62.01	98.94
8/31/2024 23:00	12.17	37.86	0.37	319.23	339.62	61.4	98.89
9/1/2024	8.66	27.05	0.3	277.4	329.62	60.9	98.84
9/1/2024 1:00	7.47	22.42	0.33	285.3	370.76	60.41	98.79
9/1/2024 2:00	6.54	20.64	0.31	287.84	343.49	59.98	98.75
9/1/2024 3:00	6.39	19.15	0.28	285.93	314.94	59.54	98.71
9/1/2024 4:00	5.14	15.69	0.25	261.03	312.9	59.14	98.68
9/1/2024 5:00	4.27	13.29	0.26	273.07	325.13	58.73	98.66
9/1/2024 6:00	4.23	13.79	0.23	250.53	310.97	58.31	98.63
9/1/2024 7:00	3.52	13.93	0.23	245.61	319.85	57.91	98.65
9/1/2024 8:00	10.69	31.78	1.47	607.64	743.91	57.9	98.69
9/1/2024 9:00	11.84	40	0.96	622.17	497.25	58.19	98.68
9/1/2024 10:00	4.89	22.41	0.44	498.33	388.58	58.16	98.75
9/1/2024 11:00	4.22	15.57	0.4	386.77	377.39	58.23	98.83
9/1/2024 12:00	5.12	17.26	0.5	525.66	332.87	57.92	98.9

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/1/2024 13:00	3.54	16.49	0.25	267.38	314.59	57.87	98.94
9/1/2024 14:00	4.99	18.57	0.27	278.66	316.78	57.85	99
9/1/2024 15:00	8.01	18.89	0.27	274.09	322.97	57.89	99.03
9/1/2024 16:00	5.65	15.59	0.25	261.01	312.41	57.88	99.06
9/1/2024 17:00	3.88	13.68	0.23	254.21	307.65	57.77	99.09
9/1/2024 18:00	4.26	14.16	0.23	262.66	299.98	57.69	99.12
9/1/2024 19:00	3.42	14.39	0.21	255.92	271.73	57.62	99.16
9/1/2024 20:00	5.21	16.59	0.22	266.6	267.77	57.17	99.26
9/1/2024 21:00	4.68	19.8	0.2	252.61	259.67	56.61	99.36
9/1/2024 22:00	4.06	15.29	0.29	289.86	347.66	56.13	99.42
9/1/2024 23:00	5.25	14.57	0.22	347.98	222.94	55.81	99.48
9/2/2024	2.24	7.86	0.15	204.31	247.23	55.49	99.52
9/2/2024 1:00	2.22	9.69	0.15	204.1	247.06	54.96	99.56
9/2/2024 2:00	1.93	12.18	0.14	211.11	225.67	54.41	99.59
9/2/2024 3:00	5.59	11.3	0.15	234.22	215.57	53.97	99.64
9/2/2024 4:00	5.19	10.46	0.13	232.27	182.52	53.73	99.65
9/2/2024 5:00	3.28	9.08	0.11	202.25	186.09	53.48	99.68
9/2/2024 6:00	2.37	7.39	0.09	168.61	186.49	53.21	99.75
9/2/2024 7:00	1.45	6.04	0.1	182.65	185.34	52.93	99.81
9/2/2024 8:00	1.98	5.9	0.09	178.77	178.44	52.76	99.87
9/2/2024 9:00	2.66	7.68	0.15	200.02	260.34	52.76	99.91
9/2/2024 10:00	3.16	9.21	0.29	347.67	260	52.73	100
9/2/2024 11:00	4.47	9.23	0.19	329.56	197.2	53.04	100.03
9/2/2024 12:00	2.76	5.97	0.14	227.5	218.81	53.24	100.05
9/2/2024 13:00	3.08	7.92	0.18	238.18	256.26	53.47	100.04
9/2/2024 14:00	13.28	20.77	2.12	1565.27	490.94	53.66	100.17
9/2/2024 15:00	12.43	19.21	0.97	1313.76	212.43	53.2	100.11
9/2/2024 16:00	8.26	22.34	0.43	530	332.65	53.93	100.03
9/2/2024 17:00	11.54	31.9	0.32	535.16	190.42	55.09	100.04
9/2/2024 18:00	16.45	40.16	0.56	746.14	291.01	54.97	100.06

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/2/2024 19:00	20.1	37.18	2.63	1752.34	672.94	54.71	100.12
9/2/2024 20:00	11.02	26.12	0.32	634.65	196.24	53.95	100.12
9/2/2024 21:00	7.21	21	0.12	234.03	163.28	55.2	100.14
9/2/2024 22:00	4.55	13.61	0.09	228.61	126.11	54.95	100.16
9/2/2024 23:00	4.59	13.95	0.14	252.89	183.75	54.58	100.2
9/3/2024	6.42	13.95	0.26	399.48	245.89	53.99	100.2
9/3/2024 1:00	3.65	9.16	0.09	223.28	141.69	53.94	100.22
9/3/2024 2:00	4.09	9.34	0.09	219.59	140.29	53.69	100.22
9/3/2024 3:00	3.64	8.33	0.1	223.45	150.86	53.39	100.25
9/3/2024 4:00	3.7	10.75	0.1	237.71	149.07	53.06	100.26
9/3/2024 5:00	4.48	9.91	0.09	205.18	145.93	52.9	100.26
9/3/2024 6:00	2.32	8.12	0.09	201.41	162	52.64	100.28
9/3/2024 7:00	2.44	8.22	0.08	188.73	144.67	52.39	100.32
9/3/2024 8:00	5.19	11.74	0.09	215.97	140.33	52.36	100.35
9/3/2024 9:00	3.78	10.11	0.12	216.1	187.09	52.57	100.41
9/3/2024 10:00	4.97	8.2	0.13	192.52	222.89	52.91	100.41
9/3/2024 11:00	3.73	7.46	0.13	177.54	242.99	53.55	100.38
9/3/2024 12:00	2.94	6.54	0.16	212.05	259.65	54.4	100.32
9/3/2024 13:00	2.92	8.2	0.18	252.33	247.75	55.32	100.27
9/3/2024 14:00	6	13.62	0.19	275.63	226.64	56.32	100.23
9/3/2024 15:00	9.9	29.05	0.32	346.81	294.34	57.28	100.2
9/3/2024 16:00	13.66	34.21	0.33	325.74	307.3	58.11	100.18
9/3/2024 17:00	13.59	38.18	0.35	336.6	312.2	58.73	100.16
9/3/2024 18:00	16.98	39.51	0.33	338.59	286.41	59.07	100.16
9/3/2024 19:00	13.7	38.91	0.4	332.84	350.98	59.1	100.16
9/3/2024 20:00	18.1	46.77	0.45	354.11	367.07	58.6	100.18
9/3/2024 21:00	17.44	46.14	0.21	309.24	190.05	58.18	100.23
9/3/2024 22:00	13.06	32.86	0.19	270.76	206.89	57.55	100.23
9/3/2024 23:00	7.67	22.09	0.18	242	234.66	56.69	100.24
9/4/2024	6.34	15.96	0.15	232.78	216.58	56.06	100.22

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/4/2024 1:00	5.79	14.57	0.14	202.75	215.68	55.51	100.22
9/4/2024 2:00	4.48	16	0.14	235.84	189.45	55.09	100.21
9/4/2024 3:00	4.34	13.3	0.12	223.75	175.78	54.78	100.21
9/4/2024 4:00	4.42	10.95	0.12	229.99	171.79	54.55	100.21
9/4/2024 5:00	4.68	9.7	0.1	222.55	157.25	54.3	100.24
9/4/2024 6:00	5.2	7.37	0.11	218.18	171.76	54.09	100.27
9/4/2024 7:00	2.83	6.66	0.09	212.35	156.68	53.92	100.33
9/4/2024 8:00	4.91	9.33	0.1	237.24	149.99	53.87	100.36
9/4/2024 9:00	6.68	14.54	0.14		203.44	54.14	100.36
9/4/2024 10:00	4.48	12.54	0.16		230.8	54.67	100.35
9/4/2024 11:00	3.66	9.64	0.18		236.99	55.08	100.35
9/4/2024 12:00	5.46	15.29	0.25		272.21	55.65	100.25
9/4/2024 13:00	8.59	23.6	0.29		286.17	56.3	100.25
9/4/2024 14:00	17.19	42.84	0.64		485.49	56.95	100.24
9/4/2024 15:00	20.48	57.07	0.37		263.98	57.74	100.2
9/4/2024 16:00	17.52	50.05	0.36		284.79	58.45	100.15
9/4/2024 17:00	20.61	51.77	0.39		287.15	58.88	100.13
9/4/2024 18:00	29.39	54.37	8.39		1279.76	58.8	100.14
9/4/2024 19:00	15.74	34.25	0.79		332.24	58.38	100.01
9/4/2024 20:00	9.2	23.03	0		2.79	58.16	100.06
9/4/2024 21:00	9.95	23.93	0.4		109.1	57.76	100.15
9/4/2024 22:00	12.72	22.89	0.17		75.75	56.06	100.15
9/4/2024 23:00	6.4	17.87	0.11		125.04	56.53	100.08
9/5/2024	6.64	16.86	0.04		42.76	56.85	100.05
9/5/2024 1:00	5.52	16.67	0.02		29.74	56.09	100.02
9/5/2024 2:00	3.2	12.87	0.03		51.01	55.37	99.97
9/5/2024 3:00	2.7	8	0.02		33.08	54.74	99.94
9/5/2024 4:00	3.29	8.66	0.02		35.89	54.23	99.92
9/5/2024 5:00	1.68	7.28	0.02		41.49	53.74	99.89
9/5/2024 6:00	1.98	8.73	0.03		39.85	53.35	99.88

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/5/2024 7:00	1.89	7.65	0.03		41.57	53.03	99.87
9/5/2024 8:00	3.01	8.02	0.02		34.97	52.84	99.85
9/5/2024 9:00	2.68	8.73	0.02		33.89	52.89	99.8
9/5/2024 10:00	3.85	8.24	0.04		68.03	53.12	99.75
9/5/2024 11:00	1.91	8.99	0.05		75.78	53.56	99.69
9/5/2024 12:00	4.5	11.46	0.12		157.31	54.3	99.64
9/5/2024 13:00	6.74	14.64	0.28		195.56	55.68	99.62
9/5/2024 14:00					218.17	56.46	99.59
9/5/2024 15:00		49	0.36		274.64	57.37	99.52
9/5/2024 16:00		41.85	0.3		286.32	57.98	99.47
9/5/2024 17:00		33.6	0.27		291.75	58.35	99.41
9/5/2024 18:00		34.57	0.26		280.2	58.45	99.36
9/5/2024 19:00		23.37	0.2		281.66	58.21	99.33
9/5/2024 20:00		20.98	0.19		281.54	57.7	99.3
9/5/2024 21:00		18.9	0.19		271.39	57.14	99.29
9/5/2024 22:00		15.97	0.19		261.29	56.65	99.25
9/5/2024 23:00		13.28	0.17		255.21	56.37	99.17
9/6/2024		13.92	0.15		224.04	56.13	99.09
9/6/2024 1:00		14.75	0.14		221.82	55.93	99.09
9/6/2024 2:00		10.47	0.12		197.14	55.89	99.09
9/6/2024 3:00		10.84	0.13		205.54	55.8	99.07
9/6/2024 4:00		12.16	0.14		217.47	55.46	99.05
9/6/2024 5:00		10.31	0.12		193.51	55.22	99
9/6/2024 6:00		8.22	0.1		181.56	55	99
9/6/2024 7:00		6.09	0.1		180.33	54.83	99.01
9/6/2024 8:00					195.02	54.66	99.01
9/6/2024 9:00					194.56	54.65	99.01
9/6/2024 10:00	3		0.13	200.8	218.79	54.57	99.01
9/6/2024 11:00					245.21	54.56	99.04
9/6/2024 12:00	1.83	6.13	0.15	211.81	254.18	54.68	99.03

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/6/2024 13:00	1.79	5.87	0.16	216.45	264.14	54.76	99.04
9/6/2024 14:00	1.7	7.96	0.17	216.2	268.04	54.73	99.04
9/6/2024 15:00	3.22	14.22	0.18	233.1	263.18	54.68	99.04
9/6/2024 16:00	3.62	13.37	0.17	215.82	264.01	54.6	99.02
9/6/2024 17:00	3.67	11.53	0.18	220.56	281.22	54.39	98.99
9/6/2024 18:00	2.56	8.4	0.16	200.98	283.33	54.16	99.03
9/6/2024 19:00	4.19	10.67	0.16	201.85	269.71	53.8	99.03
9/6/2024 20:00	3.58	9.31	0.15	200.52	261.42	53.35	99.04
9/6/2024 21:00	2.32	7.32	0.14	177.75	268.85	52.78	99.06
9/6/2024 22:00	2.63	4.86	0.11	145.74	254.53	52.26	99.04
9/6/2024 23:00	1.34	4.74	0.12	166.91	251.32	51.8	99.04
9/7/2024	1.95	4.29	0.11	170.11	229.9	51.44	99.01
9/7/2024 1:00	1.65	5.46	0.09	167.53	187	51.15	98.98
9/7/2024 2:00	2.09	3.49	0.09	164.79	196.53	50.81	98.94
9/7/2024 3:00	0.72	4.89	0.1	164.24	214.61	50.45	98.92
9/7/2024 4:00	1.72	5.84	0.09	173.17	188.76	50.06	98.91
9/7/2024 5:00	0.87	4.7	0.09	172.69	178.81	49.7	98.9
9/7/2024 6:00	1.9	5.03	0.08	166.39	170.33	49.35	98.94
9/7/2024 7:00	1.69	4.78	0.37	344.46	339.49	48.81	98.98
9/7/2024 8:00	3.12	7.49	0.17	476.79	127.41	48.75	99.02
9/7/2024 9:00	1.86	4.06	0.11	219.57	165.73	48.84	99.03
9/7/2024 10:00	1.48	5.8	0.24	378.01	235.11	48.62	99.1
9/7/2024 11:00	2.06	4.27	0.05	217.64	85.99	49.02	99.12
9/7/2024 12:00	2.65	4.19	0.06	181.52	108.67	49.23	99.17
9/7/2024 13:00	1.29	4.44	0.05	182.89	99.41	49.44	99.2
9/7/2024 14:00	0.8	3.97	0.07	185.15	128.02	49.52	99.23
9/7/2024 15:00	2.21	4.57	0.07	182.29	132.37	49.62	99.22
9/7/2024 16:00	2.35	4.41	0.06	178.57	130.4	49.78	99.19
9/7/2024 17:00	2.27	4.65	0.07	171.64	147.95	49.89	99.22
9/7/2024 18:00	1.6	5.73	0.08	191.31	142.76	49.98	99.21

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/7/2024 19:00	1.78	4.72	0.08	192.04	159.49	50.1	99.2
9/7/2024 20:00	1.55	5.53	0.07	180.62	137.27	50.23	99.23
9/7/2024 21:00	1.42	6.42	0.09	195.21	152.79	50.16	99.26
9/7/2024 22:00	0.9	5.16	0.07	173.41	149.66	50.02	99.24
9/7/2024 23:00	1.67	3.45	0.08	176.71	166.65	49.77	99.25
9/8/2024	3.73	4.18	0.08	166.48	168.87	49.38	99.26
9/8/2024 1:00	1.6	3.62	0.08	161.33	179.18	48.99	99.28
9/8/2024 2:00	2.28	3.62	0.09	171.89	177.75	48.63	99.26
9/8/2024 3:00	2.33	3.31	0.08	170.09	161.64	48.35	99.26
9/8/2024 4:00	2.86	3.24	0.07	174.52	145.88	48.12	99.27
9/8/2024 5:00	2.99	5.05	0.12	209.58	194.47	47.84	99.28
9/8/2024 6:00	5.68	11.6	2.15	1063.27	733.74	47.42	99.33
9/8/2024 7:00	7.37	16.35	1.32	1691.27	345.21	46.68	99.39
9/8/2024 8:00	6.21	11.33	1.17	1363.63	305.17	47.18	99.4
9/8/2024 9:00	3.89	9.78	0.41	687.15	217.41	47.63	99.39
9/8/2024 10:00	2.96	6.42	0.2	386.15	191.81	48.26	99.38
9/8/2024 11:00	3.55	6.58	0.13	240.97	177.53	49.09	99.36
9/8/2024 12:00	2.02	4.8	0.17	234.11	257.02	49.83	99.3
9/8/2024 13:00	1.59	3.56	0.14	190.09	276.67	50.55	99.23
9/8/2024 14:00	1.12	5.07	0.16	203.54	283.36	51.35	99.22
9/8/2024 15:00	1.83	5.7	0.15	190.28	285.19	52.17	99.2
9/8/2024 16:00	2.39	6.82	0.15	181.99	283.81	52.8	99.2
9/8/2024 17:00	1.22	8.32	0.15	192.42	277.64	53.25	99.16
9/8/2024 18:00	2.91	9.01	0.17	223.81	257.43	53.59	99.15
9/8/2024 19:00	2.33	9.63	0.14	201.34	234.66	53.71	99.18
9/8/2024 20:00	2.78	13.57	0.13	208.66	213.59	53.69	99.2
9/8/2024 21:00	2.09	10.53	0.14	209.18	222.23	53.51	99.23
9/8/2024 22:00	2.86	7.79	0.13	197.98	237.17	53.28	99.25
9/8/2024 23:00	11.92	30.38	3.61	923.52	892.49	52.93	99.32
9/9/2024	14.55	37.98	3.49	2267.69	494.57	52.54	99.38

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/9/2024 1:00	4.31	11.43	0.38	681.21	221.54	51.82	99.31
9/9/2024 2:00	2.6	7.22	0.15	216.7	241.56	52.68	99.25
9/9/2024 3:00	2.55	6.76	0.13	193.24	228.52	52.44	99.22
9/9/2024 4:00	2.54	6.81	0.11	179.75	221.18	52.15	99.21
9/9/2024 5:00	2.15	6.18	0.12	186.51	222.96	51.89	99.19
9/9/2024 6:00	1.07	4.61	0.11	181.94	219.65	51.61	99.19
9/9/2024 7:00	0.66	4.99	0.1	163.38	214.72	51.38	99.17
9/9/2024 8:00	3.44	5.34	0.11	180.16	205.59	51.31	99.17
9/9/2024 9:00	1.44	5.46	0.1	174.16	208.85	51.34	99.17
9/9/2024 10:00	3.87	8.14	0.3	348.91	300.49	51.48	99.15
9/9/2024 11:00	20.52	32.65	3.52	2632.16	482.52	51.49	99.23
9/9/2024 12:00	5.71	13.83	0.14	697.49	78.5	51.12	99.07
9/9/2024 13:00	5.75	13.2	0.25	377.59	229.49	53.58	99.02
9/9/2024 14:00	4.82	11.98	0.17	213.77	267.31	54.96	99.02
9/9/2024 15:00	3.55	12.11	0.18	208.42	283.69	55.5	99.03
9/9/2024 16:00	5	11.34	0.19	224.92	283.32	56.09	99.03
9/9/2024 17:00	5.4	16.41	0.2	229.03	284.28	56.36	99.07
9/9/2024 18:00	3.66	19.38	0.17	199.37	269.87	56.32	99.14
9/9/2024 19:00	4.68	16.09	0.16	178.78	272.21	55.67	99.22
9/9/2024 20:00	3.79	15.88	0.15	201.25	248.18	54.91	99.27
9/9/2024 21:00	4.62	15.82	0.15	209.63	227.89	54.28	99.34
9/9/2024 22:00	3.16	12.08	0.12	185	205.32	53.94	99.38
9/9/2024 23:00	2.69	9.34	0.08	180.28	156.87	53.8	99.41
9/10/2024	1.8	7.66	0.08	172.42	153.27	53.68	99.45
9/10/2024 1:00	3.05	5.82	0.07	168.36	141.84	53.61	99.48
9/10/2024 2:00	1.85	5.19	0.07	173.67	138.81	53.63	99.5
9/10/2024 3:00	1.34	4.07	0.07	163.79	150.49	53.49	99.51
9/10/2024 4:00	1.76	5.65	0.07	160.3	160.24	53.52	99.49
9/10/2024 5:00	1.89	5.27	0.08	172.28	159.99	53.44	99.5
9/10/2024 6:00	1.99	6.16	0.08	153.17	178.25	53.4	99.54

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/10/2024 7:00	1.67	4.22	0.09	172.22	194.95	53.21	99.6
9/10/2024 8:00	1.56	3.96	0.11	181.2	219.12	53.01	99.63
9/10/2024 9:00	2.95	5.04	0.11	158.88	240.81	53.1	99.63
9/10/2024 10:00	2.08	5.15	0.13	172.1	266.58	53.56	99.63
9/10/2024 11:00	2.08	5.09	0.13	178.96	262.91	54.18	99.61
9/10/2024 12:00	1.68	6.98	0.13	179.37	249.78	54.98	99.56
9/10/2024 13:00	3.01	11.05	0.1	170.04	192.89	55.96	99.51
9/10/2024 14:00	3.56	12.43	0.12	202.69	203.82	56.96	99.47
9/10/2024 15:00	4.41	14.6	0.14	197.84	229.13	58	99.45
9/10/2024 16:00	8.78	25.91	0.59	691.85	454.59	59.02	99.45
9/10/2024 17:00	6.06	18.47	0.18	345	209.18	59.21	99.43
9/10/2024 18:00	5.99	22.9	0.23	234.43	306.81	59.58	99.44
9/10/2024 19:00	7.76	19.95	0.21	194.18	322.7	59.62	99.43
9/10/2024 20:00	4.82	18.74	0.19	181.49	321.2	59.38	99.44
9/10/2024 21:00	4.56	21.6	0.19	188.87	301.97	58.79	99.49
9/10/2024 22:00	4.79	16.52	0.16	172.37	292.93	57.96	99.49
9/10/2024 23:00	4.25	12.74	0.16	171.94	302.4	57.08	99.47
9/11/2024	2.75	9.18	0.15	170.27	298.46	56.22	99.47
9/11/2024 1:00	3.4	8.76	0.14	157.77	291.03	55.45	99.48
9/11/2024 2:00	3.44	7.59	0.12	142	290.68	54.88	99.5
9/11/2024 3:00	2.82	6.9	0.11	147.89	259.71	54.63	99.49
9/11/2024 4:00	3.07	7.28	0.11	161.26	239.35	54.52	99.5
9/11/2024 5:00	2.36	8.48	0.47	349.53	445.07	54.22	99.51
9/11/2024 6:00	3.21	12.32	1.02	649.98	566.96	53.88	99.56
9/11/2024 7:00					293.48	53.88	99.59
9/11/2024 8:00					173.91	54.05	99.57
9/11/2024 9:00	2.24		0.08	134.65	204.63	54.04	99.6
9/11/2024 10:00	2		0.14	187.64	254.14	54.18	99.6
9/11/2024 11:00	2.46		0.14	191.71	265.64	54.63	99.57
9/11/2024 12:00	1.78		0.15	191.99	271.56	55.19	99.55

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/11/2024 13:00	9.68		0.76	597.34	483.32	56.02	99.48
9/11/2024 14:00	3.74		0.4	418.28	450.49	57.15	99.45
9/11/2024 15:00	67		1.57	2590.07	231.35	59.05	99.76
9/11/2024 16:00	129.36		3.46	1467.07	684.17	59.92	99.98
9/11/2024 17:00	71.11		4.44	405.96	2935.24	59.57	99.65
9/11/2024 18:00	24.7		0.75	248.99	721.1	59.74	99.46
9/11/2024 19:00	12.22		0.04	261.17	42.94	60.03	99.42
9/11/2024 20:00	8.98		0.15	270.8	174.62	61.16	99.41
9/11/2024 21:00	5.44		0.19	267.19	232.16	60.71	99.45
9/11/2024 22:00	7.97		0.3	504.83	220.74	59.42	99.49
9/11/2024 23:00	4.34		0.17	379.44	152.22	58.3	99.51
9/12/2024	3.94		0.1	223.32	137.74	58.09	99.49
9/12/2024 1:00	3.58		0.11	224.9	173.81	57.35	99.47
9/12/2024 2:00	1.79		0.1	224.42	152.22	56.71	99.49
9/12/2024 3:00	2.16		0.08	214.88	123.85	56.36	99.48
9/12/2024 4:00	2.64		0.08	209.42	137.21	56.11	99.5
9/12/2024 5:00	0.71		0.08	211.35	136.86	55.93	99.52
9/12/2024 6:00	1.12		0.09	214.55	145.24	55.74	99.55
9/12/2024 7:00	0.86		0.09	206.98	154.96	55.54	99.6
9/12/2024 8:00	3.3		0.1	192.02	177.31	55.37	99.63
9/12/2024 9:00	1.85		0.12	197.7	209.11	55.38	99.64
9/12/2024 10:00	4.05		0.15	204.63	256.02	55.69	99.69
9/12/2024 11:00	2.35		0.15	221.92	236.07	56.19	99.67
9/12/2024 12:00	2.95		0.14	225.08	218.01	57.06	99.62
9/12/2024 13:00	3.5		0.17	257.63	222.47	58	99.56
9/12/2024 14:00	5.69		0.2	289.24	230.77	58.91	99.56
9/12/2024 15:00	6.32		0.23	295.31	255.73	59.9	99.49
9/12/2024 16:00	7.58		0.25	301.75	274.74	60.54	99.46
9/12/2024 17:00	8.68		0.27	303.41	286.46	60.65	99.46
9/12/2024 18:00	9.03		0.28	309.22	282.35	60.52	99.48

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/12/2024 19:00	6.41		0.24	293.14	262.81	60.16	99.49
9/12/2024 20:00	6.92		0.23	281.11	260.52	59.58	99.57
9/12/2024 21:00	8.23		0.19	289.88	207.42	59.15	99.6
9/12/2024 22:00	5.87		0.17	258.91	212.74	58.81	99.62
9/12/2024 23:00	4.53		0.16	244.09	214.85	58.47	99.64
9/13/2024	3.92		0.15	224.11	226.62	58.12	99.67
9/13/2024 1:00	3.25		0.13	214.11	207.73	57.76	99.66
9/13/2024 2:00	2.53		0.1	195.42	183.85	57.48	99.65
9/13/2024 3:00	1.34		0.09	198.93	160.24	57.14	99.65
9/13/2024 4:00	3.28		0.1	214.94	163.18	56.65	99.67
9/13/2024 5:00	2.7		0.07	215.98	119.62	56.16	99.7
9/13/2024 6:00	3.16		0.06	217.86	100.87	55.79	99.7
9/13/2024 7:00	2.72		0.06	206.32	107.03	55.49	99.73
9/13/2024 8:00	1.46		0.05	200.94	92.29	55.22	99.76
9/13/2024 9:00					134.61	55.13	99.8
9/13/2024 10:00	8.81	16.32	0.12	200.67	194.97	55.34	99.82
9/13/2024 11:00	2.16	10.72	0.14	227.23	216.8	55.76	99.8
9/13/2024 12:00	5.01	12.07	0.17	240.78	243.41	56.38	99.75
9/13/2024 13:00	3.4	13.78	0.19	254.03	251.44	57.07	99.72
9/13/2024 14:00	4.27	14.49	0.2	265.79	253.71	57.74	99.68
9/13/2024 15:00	4.65	16.43	0.21	274.15	252.54	58.32	99.65
9/13/2024 16:00	5.38	19	0.21	259.41	262.38	58.89	99.63
9/13/2024 17:00	7.59	30.82	0.26	295.81	271.53	59.31	99.66
9/13/2024 18:00	11.94	32.06	0.24	280.39	254.27	59.56	99.69
9/13/2024 19:00	5.49	23.01	0.19	250.15	242.66	59.52	99.72
9/13/2024 20:00	5.9	18.4	0.14	244.07	186.96	59.17	99.74
9/13/2024 21:00	6.07	16.63	0.11	244.91	144.53	58.69	99.77
9/13/2024 22:00	4.22	14.99	0.08	241.2	112.75	58.28	99.77
9/13/2024 23:00	3.85	12.83	0.07	230.07	110.36	57.88	99.78
9/14/2024	3.51	12.17	0.05	217.03	84.72	57.55	99.77

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/14/2024 1:00	2.58	12.76	0.05	225.35	70.16	57.2	99.75
9/14/2024 2:00	2.69	11.48	0.05	216.72	79.33	56.71	99.73
9/14/2024 3:00	2.09	9.02	0.04	203.51	59.13	56.19	99.74
9/14/2024 4:00	2.62	7.17	0.03	202.32	56.61	55.66	99.74
9/14/2024 5:00	1.24	5.84	0.03	196.36	52.13	55.22	99.76
9/14/2024 6:00	2.34	8.42	0.02	205.38	40.02	54.86	99.79
9/14/2024 7:00	3.04	6.32	0.02	204.94	43.67	54.58	99.82
9/14/2024 8:00	2.65	6.66	0.03	199.94	50.83	54.42	99.87
9/14/2024 9:00	2.36	7.65	0.02	198.8	39.87	54.54	99.9
9/14/2024 10:00	1.7	6.65	0.04	204.87	66.15	54.84	99.91
9/14/2024 11:00	1.82	6.53	0.08	211.51	135.51	55.25	99.91
9/14/2024 12:00	2.22	5.99	0.12	230.1	190.39	55.92	99.87
9/14/2024 13:00	3.44	8.72	0.15	238.3	215.63	56.71	99.83
9/14/2024 14:00	6.16	17.52	0.21	254.94	272.72	57.55	99.8
9/14/2024 15:00	4.28	17.57	0.21	258	266.71	58.29	99.79
9/14/2024 16:00	6.08	14.39	0.22	257.47	284.46	58.83	99.78
9/14/2024 17:00	3.64	14.37	0.21	246.78	284.12	59.25	99.76
9/14/2024 18:00	5.94	17.96	0.23	257.28	289.06	59.49	99.78
9/14/2024 19:00	11.05	35.75	1	695.06	566.31	58.92	99.75
9/14/2024 20:00	6.6	20.2	0.3	338.73	285.41	58.4	99.78
9/14/2024 21:00	3.96	13.92	0.02	258.15	32.47	58.38	99.82
9/14/2024 22:00	4.74	11.84	0.05	232.35	65	57.97	99.84
9/14/2024 23:00	2.67	9.65	0.05	229.91	79.01	57.36	99.84
9/15/2024	1.78	9.4	0.04	214.92	68.83	56.87	99.83
9/15/2024 1:00	4.36	11.03	0.04	239.31	56.58	56.34	99.82
9/15/2024 2:00	2.59	8.49	0.04	224.09	58.39	55.8	99.81
9/15/2024 3:00	1.48	6.73	0.03	210.61	48.37	55.3	99.8
9/15/2024 4:00	1.87	6.17	0.03	212.21	45.14	54.85	99.82
9/15/2024 5:00	1.3	5.89	0.03	218.75	40.89	54.48	99.86
9/15/2024 6:00	1.52	6.32	0.02	220.61	36.31	54.13	99.91

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/15/2024 7:00	2.59	9.26	0.15	450.01	128.43	53.81	99.97
9/15/2024 8:00	1.96	5.32	0.04	288.19	44.03	53.84	99.99
9/15/2024 9:00	2.06	5.73	0.02	246.59	33.92	53.88	100.04
9/15/2024 10:00	1.92	5.1	0.03	265.23	44.97	54.24	100.05
9/15/2024 11:00	2.79	4.98	0.04	264.41	49.89	54.66	100.04
9/15/2024 12:00	2.22	6.95	0.08	289.08	102.07	55.2	99.99
9/15/2024 13:00	1.91	10.06	0.14	296.54	162.41	55.88	99.95
9/15/2024 14:00	2.99	11.28	0.2	312.73	219.03	56.77	99.89
9/15/2024 15:00	2.98	13.17	0.22	310.21	250.68	57.68	99.84
9/15/2024 16:00	4.76	19.24	0.24	303.51	262.2	58.33	99.82
9/15/2024 17:00	5.55	18.39	0.22	278.81	264.23	58.71	99.83
9/15/2024 18:00	5.44	20.74	0.22	275.57	259.43	58.93	99.84
9/15/2024 19:00	4.87	16.88	0.18	251.56	235.94	58.94	99.86
9/15/2024 20:00	3.88	12.39	0.13	232.27	188	58.51	99.87
9/15/2024 21:00	4.23	12.47	0.12	231.52	168.13	57.95	99.9
9/15/2024 22:00	2.53	10.04	0.12	219.18	180.77	57.36	99.91
9/15/2024 23:00	3.17	10.16	0.11	225.64	166.41	56.82	99.9
9/16/2024	2.67	8.6	0.12	218.62	188.93	56.29	99.88
9/16/2024 1:00	4.7	9.62	0.11	220.06	178.2	55.75	99.86
9/16/2024 2:00	5.02	7.94	0.11	215.44	171.59	55.21	99.87
9/16/2024 3:00	1.82	6.28	0.08	209.15	142.2	54.7	99.85
9/16/2024 4:00	1.59	6.2	0.08	207.65	126.72	54.29	99.86
9/16/2024 5:00	1.95	5.58	0.06	200.81	104.9	53.98	99.9
9/16/2024 6:00	0.89	5.42	0.03	195.66	63.49	53.85	99.93
9/16/2024 7:00	2.15	5.96	0.04	199.35	63.48	53.8	99.98
9/16/2024 8:00	8.68	23.82	3.72	1132.04	784.79	53.61	100.06
9/16/2024 9:00	21.32	57.01	12.44	2895.78	1548.36	53.79	100.14
9/16/2024 10:00	22.71	57.18	25.03	3210.91	2783.19	52.26	100.21
9/16/2024 11:00	16.65	48.82	13.71	1930.87	2528.16	50.18	100.21
9/16/2024 12:00	18.69	54.79	13.05	1769.4	2595.42	48.41	100.16

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/16/2024 13:00	28.81	91.48	13.53	1703.36	2652.44	47.19	100.11
9/16/2024 14:00	23.57	59.83	23.04	2438.7	3373.68	45.67	100.07
9/16/2024 15:00	17.84	48.78	16.32	1771.22	3253.12	44.96	100
9/16/2024 16:00	17.88	52.42	15.35	1595.45	3371.05	44.64	99.97
9/16/2024 17:00	21.77	61.14	14.5	1470.39	3386.13	44.37	99.97
9/16/2024 18:00	17.55	45.01	14.63	1486.31	3465.23	43.92	99.98
9/16/2024 19:00	15.79	37	13.48	1417.75	3376.68	43.28	99.97
9/16/2024 20:00	14.34	41.42	10.92	1219.05	3147.44	42.49	99.96
9/16/2024 21:00	14.04	35.29	15.83	1783.3	3195.31	41.37	99.97
9/16/2024 22:00	10.89	28.24	12.43	1449	3092.68	40.33	99.97
9/16/2024 23:00	16	38.99	11.08	1377.9	2827.43	39.42	99.96
9/17/2024	15.86	45.77	10.52	1530.75	2436.97	39.05	99.96
9/17/2024 1:00	13.94	37.71	12.06	1728.98	2501.17	38.67	99.93
9/17/2024 2:00	11.48	30.64	13.54	1787.05	2749.35	38.28	99.87
9/17/2024 3:00	13.36	29.21	14.71	1744.85	3055.44	37.93	99.86
9/17/2024 4:00	12.7	30.17	13.9	1642.9	3060.02	37.57	99.86
9/17/2024 5:00	13.67	34.93	14.07	1608.95	3137.66	37.36	99.87
9/17/2024 6:00	11.3	29.35	14.28	1681.07	3067.72	37.02	99.86
9/17/2024 7:00	10.97	36.09	12.48	1502.36	2967.34	36.69	99.9
9/17/2024 8:00	13.3	40.33	8.95	1461.4	2177.63	37.11	99.88
9/17/2024 9:00	11.11	26.23	2.8	1641.14	643.48	39.23	99.8
9/17/2024 10:00	2.86	7.57	0.23	506.96	191.86	40.34	99.74
9/17/2024 11:00	3.4	4.13	0.17	253	252.2	44.22	99.66
9/17/2024 12:00	3.21	4.02	0.15	229.85	229.13	46.67	99.57
9/17/2024 13:00	1.95	5.39	0.15	240.74	221.42	48.1	99.5
9/17/2024 14:00	2.26	5.63	0.1	213.22	165.52	49.82	99.44
9/17/2024 15:00	4.4	6.29	0.13	224.49	211.21	50.79	99.41
9/17/2024 16:00	3.69	11.02	0.16	248.04	224.72	51.71	99.39
9/17/2024 17:00	4.06	10.76	0.16	263.5	210.71	52.68	99.38
9/17/2024 18:00	3.6	11.22	0.13	257.44	171.47	53.66	99.36

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/17/2024 19:00	2.71	9.59	0.03	232.06	38.63	54.2	99.37
9/17/2024 20:00	3.51	10.6	0.02	219.84	26	54.11	99.38
9/17/2024 21:00	3.65	10.95	0.01	239.84	12.68	53.9	99.41
9/17/2024 22:00	3.25	10.55	0.02	225.22	32.07	53.67	99.39
9/17/2024 23:00	2.94	7.39	0.04	222.09	66.73	53.52	99.38
9/18/2024	3.9	9.1	0.1	216.79	156.24	53.56	99.36
9/18/2024 1:00	1.94	7.48	0.06	207.98	109.05	53.87	99.31
9/18/2024 2:00	1.42	6.74	0.04	221.02	56.84	54.05	99.28
9/18/2024 3:00	1.67	6.18	0.04	219.73	56.81	54.01	99.28
9/18/2024 4:00	2.03	3.31	0.03	199.59	55.46	53.84	99.27
9/18/2024 5:00	1.85	4.99	0.06	214.55	96.16	53.63	99.27
9/18/2024 6:00	2.74	6.37	0.05	203.91	93.65	53.46	99.31
9/18/2024 7:00	2.64	3.31	0.08	214.91	138.22	53.48	99.32
9/18/2024 8:00	1.12	4.02	0.04	209.29	82.55	53.68	99.35
9/18/2024 9:00	2.23	5.98	0.04	182.53	74.69	54.01	99.35
9/18/2024 10:00					125.99	54.5	99.33
9/18/2024 11:00	1.75	6.28	0.1	206.31	181.53	55.26	99.24
9/18/2024 12:00	1.86	5.64	0.13	211.01	214.21	56.08	99.23
9/18/2024 13:00	0.92	6.97	0.14	229.21	224.62	56.78	99.2
9/18/2024 14:00	2.02	6.7	0.15	243.28	223.22	57.16	99.15
9/18/2024 15:00	2.1	7.28	0.16	244.72	229.89	57.44	99.09
9/18/2024 16:00	1.95	7.57	0.14	223.99	226.02	57.67	99.04
9/18/2024 17:00	1.36	8.86	0.15	227.38	229.41	57.73	99.02
9/18/2024 18:00	3.32	10.16	0.14	229.9	206.74	57.78	99.03
9/18/2024 19:00	4.51	10.44	0.12	224.82	185.76	57.64	99.05
9/18/2024 20:00	3.36	10.98	0.1	213.9	161.46	57.19	99.09
9/18/2024 21:00	5.56	11.61	0.1	230.49	151.67	56.76	99.12
9/18/2024 22:00	3.12	10.7	0.11	226.4	157.95	56.6	99.09
9/18/2024 23:00	2.7	7.73	0.09	211.61	150.01	56.48	99.1
9/19/2024	1.62	6.23	0.05	211.04	95.8	56.43	99.12

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/19/2024 1:00	3.04	4.45	0.07	204.72	120.89	56.32	99.08
9/19/2024 2:00	0.85	5	0.06	197.66	116.08	56.19	99.06
9/19/2024 3:00	1.51	4	0.05	202.35	98.2	56.05	99.04
9/19/2024 4:00	1.14	4.82	0.05	203.8	82.61	55.89	99.06
9/19/2024 5:00	3.67	4.15	0.04	193.7	77.93	55.79	99.05
9/19/2024 6:00	0.86	4.69	0.04	199.16	70.57	55.65	99.08
9/19/2024 7:00	2.54	3.7	0.07	206.91	113.52	55.53	99.1
9/19/2024 8:00	1.46	4.03	0.12	196.73	216.65	55.48	99.12
9/19/2024 9:00	1.62	4.99	0.12	189.71	220.89	55.82	99.12
9/19/2024 10:00	2.49	4.49	0.14	205.9	240.68	56.32	99.13
9/19/2024 11:00	1.74	4.11	0.16	212.18	267.71	57.07	99.07
9/19/2024 12:00	2.83	5.57	0.17	213.09	277.88	57.85	99
9/19/2024 13:00	1.32	6.56	0.16	217.04	270.47	58.68	98.95
9/19/2024 14:00	2.65	6.98	0.16	216.43	259.72	59.39	98.93
9/19/2024 15:00	2.49	7.17	0.17	206.91	285.51	59.58	98.88
9/19/2024 16:00	2.74	7.13	0.17	206.12	293.78	59.65	98.87
9/19/2024 17:00	4.02	7.2	0.18	204.97	297.34	59.67	98.85
9/19/2024 18:00	3.18	7.32	0.17	216.61	272.22	59.67	98.84
9/19/2024 19:00	2.68	8.13	0.15	217.78	246.47	59.52	98.83
9/19/2024 20:00	1.95	9.09	0.13	205.11	218.33	59.27	98.87
9/19/2024 21:00	4.11	14.84	0.14	226.77	210.32	59.03	98.87
9/19/2024 22:00	2.49	11.04	0.13	209.45	217.07	58.62	98.88
9/19/2024 23:00	1.64	8.22	0.13	195.15	225.31	58.29	98.87
9/20/2024	3.39	7.03	0.11	182.92	212.07	58.12	98.84
9/20/2024 1:00	2.02	8.58	0.12	200.05	201.11	57.94	98.86
9/20/2024 2:00	2.48	7.7	0.12	198.28	211.68	57.68	98.87
9/20/2024 3:00	3.06	6.61	0.11	188.91	206.52	57.51	98.88
9/20/2024 4:00	2.15	5.79	0.11	189.28	206.86	57.32	98.85
9/20/2024 5:00	1.97	5.25	0.11	175.07	219.59	57.15	98.86
9/20/2024 6:00	2.01	4.84	0.11	182.5	208.41	56.96	98.87

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/20/2024 7:00	2.17	5.25	0.12	201.05	214.37	56.76	98.88
9/20/2024 8:00	1.69	4.32	0.1	161.14	227.91	56.6	98.87
9/20/2024 9:00	2.69	3.22	0.1	143.58	245.15	56.6	98.84
9/20/2024 10:00	1.25	5.9	0.12	165.13	248.81	56.83	98.84
9/20/2024 11:00	1.85	5.35	0.15	201.01	259.6	57.18	98.81
9/20/2024 12:00	1.17	5.84	0.16	236.05	249.39	57.55	98.75
9/20/2024 13:00	1.62	5.49	0.17	214.03	283.31	57.87	98.72
9/20/2024 14:00	2.25	5.1	0.16	203.27	281.57	58.4	98.67
9/20/2024 15:00	1.2	6.8	0.17	211.77	281.48	59.01	98.63
9/20/2024 16:00	1.98	7.35	0.17	211.88	278.39	59.56	98.62
9/20/2024 17:00	3.98	10.15	0.17	213.41	278.14	59.89	98.64
9/20/2024 18:00	1.29	9.72	0.16	215.36	259.75	60.02	98.62
9/20/2024 19:00	2.53	9.52	0.16	210.13	267.76	59.93	98.62
9/20/2024 20:00	2.65	13.29	0.17	213.66	265.09	59.57	98.67
9/20/2024 21:00	4.28	13.26	0.18	226.35	261.02	59.07	98.67
9/20/2024 22:00	2.62	10.76	0.17	217.23	271.31	58.46	98.66
9/20/2024 23:00	2.46	7.57	0.16	207.98	263.41	57.81	98.66
9/21/2024	1.71	6.92	0.14	193.97	253.72	57.3	98.68
9/21/2024 1:00	2.7	8.18	0.14	207.78	229.28	57.02	98.68
9/21/2024 2:00	2.68	8.55	0.13	203.42	214.86	56.92	98.69
9/21/2024 3:00	1.14	7.82	0.12	197.08	207.41	56.77	98.68
9/21/2024 4:00	1.62	5.69	0.11	191.83	200.56	56.79	98.66
9/21/2024 5:00	2.36	6.76	0.1	181.27	204.78	56.76	98.66
9/21/2024 6:00	3.64	6.41	0.11	196.89	194.12	56.72	98.69
9/21/2024 7:00	0.91	5.73	0.11	194.1	208.52	56.59	98.74
9/21/2024 8:00	0.81	5.39	0.12	190.16	223.84	56.46	98.79
9/21/2024 9:00	1.48	5.58	0.13	184.55	248.34	56.51	98.74
9/21/2024 10:00	1.73	6.6	0.15	197.45	259.33	56.74	98.77
9/21/2024 11:00	1.55	5.85	0.16	204.85	287.58	57.09	98.72
9/21/2024 12:00	2.16	6.39	0.17	202.24	301.94	57.7	98.7

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/21/2024 13:00	2.14	7.08	0.17	201.88	294.59	58.57	98.68
9/21/2024 14:00	3.32	9.75	0.16	212.13	257.58	59.67	98.65
9/21/2024 15:00	4.74	17.76	0.22	235.6	305.05	60.49	98.65
9/21/2024 16:00	4.03	16.37	0.16	210.44	249.61	61.36	98.65
9/21/2024 17:00	4.07	16.64	0.17	222.53	248.86	61.99	98.66
9/21/2024 18:00	2.73	15.02	0.21	224.39	301.62	62.39	98.7
9/21/2024 19:00	4.9	14.33	0.23	225.61	333.75	62.27	98.74
9/21/2024 20:00	3.97	14.46	0.24	222.44	350.88	61.71	98.79
9/21/2024 21:00	2.43	13.67	0.21	208.79	327.34	61.09	98.83
9/21/2024 22:00	2.32	12.08	0.2	217.06	307.94	60.58	98.85
9/21/2024 23:00	2.25	11.52	0.17	205.96	281.72	60.14	98.84
9/22/2024	2.68	9.46	0.15	195.13	268.72	59.73	98.83
9/22/2024 1:00	1.71	9.8	0.14	185.5	252.26	59.3	98.83
9/22/2024 2:00	3.37	8.74	0.15	197.84	258.42	58.89	98.84
9/22/2024 3:00	1.98	8.51	0.15	197.95	260.18	58.41	98.85
9/22/2024 4:00	1.4	6.55	0.14	190.91	251.76	58.02	98.83
9/22/2024 5:00	2.69	6.47	0.13	182.48	254.36	57.67	98.8
9/22/2024 6:00	1.86	6.65	0.13	181.16	250.64	57.25	98.82
9/22/2024 7:00	2.35	7.04	0.14	187.66	266.27	56.79	98.84
9/22/2024 8:00	2.59	4.65	0.13	181.42	263.39	56.55	98.82
9/22/2024 9:00	1.71	4.86	0.13	173.83	271.82	56.36	98.84
9/22/2024 10:00	1.62	5.94	0.13	178.4	263.2	56.35	98.85
9/22/2024 11:00	1.8	5.58	0.14	193.13	263.31	56.43	98.84
9/22/2024 12:00	1.91	9.45	0.21	302.48	258.35	56.62	98.8
9/22/2024 13:00	2.42	11.38	0.36	426.07	294.02	56.93	98.74
9/22/2024 14:00	2.88	8.47	0.17	209.66	273.92	57.12	98.68
9/22/2024 15:00	2.65	9.27	0.15	186.8	262.98	57.3	98.64
9/22/2024 16:00	2.47	7.87	0.14	185.97	256.09	57.69	98.61
9/22/2024 17:00	1.99	8.18	0.13	193.09	235.07	58.02	98.61
9/22/2024 18:00	2.48	7.82	0.15	207.74	244.02	57.72	98.51

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/22/2024 19:00	5.09	8.73	0.15	205.93	244.04	57.28	98.54
9/22/2024 20:00	1.51	5.74	0.13	185.8	245.57	56.96	98.56
9/22/2024 21:00	3.11	8.95	0.15	207.24	252.14	56.49	98.56
9/22/2024 22:00	2.53	9.38	0.15	212.91	247.41	56	98.55
9/22/2024 23:00	3.95	8.6	0.24	243.2	349.49	55	98.53
9/23/2024	3.06	9.25	0.21	299.07	249.13	54.45	98.46
9/23/2024 1:00	1.7	7.42	0.2	362.28	219.03	54.14	98.43
9/23/2024 2:00	0.92	6.67	0.11	205.12	197.69	54.12	98.42
9/23/2024 3:00	2.02	3.73	0.09	186.63	183.54	53.97	98.41
9/23/2024 4:00	1.44	4.77	0.1	204.7	167.32	54.03	98.44
9/23/2024 5:00	0.79	4.68	0.09	200.63	165.97	54.01	98.48
9/23/2024 6:00	1.34	5.42	0.12	190.46	228.83	53.44	98.57
9/23/2024 7:00	1.26	4.47	0.12	191.44	225.44	52.65	98.66
9/23/2024 8:00	3.13	6.46	0.11	203.35	185.62	52.3	98.72
9/23/2024 9:00	1.7	6.98	0.08	153.6	180.9	52.2	98.76
9/23/2024 10:00	1.49	6.14	0.07	161.55	159.56	52.2	98.77
9/23/2024 11:00	1.55	4.36	0.08	184.38	166.27	52.22	98.78
9/23/2024 12:00	2.43	4.6	0.09	178.26	169.42	52.24	98.81
9/23/2024 13:00	1.71	4.73	0.09	196.36	173.56	52.11	98.86
9/23/2024 14:00	1.74	3.28	0.09	212.48	153.4	52.06	98.84
9/23/2024 15:00	1.5	4.28	0.08	211.18	144.06	52.09	98.87
9/23/2024 16:00	1.5	6.08	0.07	181.21	132.97	52.09	98.9
9/23/2024 17:00	2.72	5.77	0.07	177.49	142.63	52.05	98.93
9/23/2024 18:00	2.63	7.93	0.08	180.11	140.15	52.04	98.91
9/23/2024 19:00	2.13	6.4	0.07	172.76	138.62	51.9	98.91
9/23/2024 20:00	2.23	5.43	0.07	165.17	142.23	51.78	98.92
9/23/2024 21:00	1.49	7.13	0.07	180.29	136.8	51.82	98.94
9/23/2024 22:00	1.53	6.95	0.07	166.31	146.23	51.9	98.93
9/23/2024 23:00	0.75	5.56	0.08	190.6	145.98	52.07	98.87
9/24/2024	1.51	5.64	0.08	175.69	158.75	52.12	98.87

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/24/2024 1:00	1.73	4.72	0.08	169.16	158.01	52.28	98.84
9/24/2024 2:00	1.69	3.78	0.07	162.71	155.62	52.56	98.82
9/24/2024 3:00	1.97	3.47	0.08	162.51	179.2	52.67	98.74
9/24/2024 4:00	1.34	3.87	0.08	164.46	169.82	52.84	98.75
9/24/2024 5:00	1.53	4.33	0.07	163.56	163.77	53.15	98.7
9/24/2024 6:00	1.65	4.92	0.08	183.97	158.85	53.4	98.72
9/24/2024 7:00	1.52	4.61	0.08	176.42	167.64	53.58	98.72
9/24/2024 8:00	1.4	4.14	0.07	165.8	163.39	53.72	98.72
9/24/2024 9:00	2.69	4.28	0.09	172.36	177.41	53.82	98.72
9/24/2024 10:00	1.2	4.36	0.09	184.43	182.04	53.68	98.63
9/24/2024 11:00	1.52	3.8	0.1	188.28	187.84	53.6	98.63
9/24/2024 12:00	1.42	4.49	0.09	171.96	190.76	53.73	98.61
9/24/2024 13:00	2.19	4.43	0.1	161.1	223.68	54	98.52
9/24/2024 14:00	1.4	3.12	0.1	180.23	200.8	54.45	98.47
9/24/2024 15:00	1.49	4.2	0.09	186.77	176	54.56	98.44
9/24/2024 16:00	1.8	4.09	0.1	188.48	189.21	54.56	98.37
9/24/2024 17:00	1.78	5.08	0.08	190.55	154.93	54.65	98.37
9/24/2024 18:00	1.49	6.58	0.09	197.24	156.62	54.73	98.34
9/24/2024 19:00	2.3	5.44	0.09	193.67	154.69	54.8	98.35
9/24/2024 20:00	3.19	4.98	0.08	194.17	155.11	54.67	98.33
9/24/2024 21:00	2.8	5.9	0.07	199.49	126.45	54.62	98.31
9/24/2024 22:00	4.29	6.15	0.09	202.77	150.05	54.38	98.32
9/24/2024 23:00	1.58	5.26	0.09	199.73	167.76	53.85	98.3
9/25/2024	1.3	4.35	0.09	196.1	163.04	53.51	98.27
9/25/2024 1:00	1.89	2.89	0.09	185.05	179.27	53.29	98.26
9/25/2024 2:00	1.27	4.57	0.09	195.51	158.86	53.12	98.26
9/25/2024 3:00	0.67	2.86	0.07	197.57	137.32	52.99	98.26
9/25/2024 4:00	1.76	3.3	0.08	196.71	157.21	52.89	98.34
9/25/2024 5:00	0.97	4.82	0.08	195.96	148.89	52.93	98.39
9/25/2024 6:00	2.04	4.23	0.08	200.27	148.57	52.93	98.45

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/25/2024 7:00	0.91	4.35	0.09	193.96	159.83	52.83	98.49
9/25/2024 8:00	1.77	3.56	0.08	200.05	144.09	52.73	98.51
9/25/2024 9:00		6.19	0.08	203.3	148	52.73	98.52
9/25/2024 10:00					177.41	52.87	98.57
9/25/2024 11:00					178.13	53.07	98.59
9/25/2024 12:00		5.71	0.12	209.24	201.62	53.38	98.63
9/25/2024 13:00					192.29	53.72	98.67
9/25/2024 14:00	3.22	4	0.13	218.81	216.27	53.96	98.67
9/25/2024 15:00	1.39	5.43	0.15	237.95	219.32	54.3	98.68
9/25/2024 16:00	1.91	6.07	0.13	221.8	215.87	54.71	98.7
9/25/2024 17:00	3.69	8.01	0.13	213.56	209.59	55.09	98.75
9/25/2024 18:00	3.26	9.66	0.13	208.59	204.79	55.39	98.79
9/25/2024 19:00	1.45	6.98	0.12	203	214.55	55.58	98.82
9/25/2024 20:00	4.59	7.46	0.12	200.61	202.26	55.59	98.85
9/25/2024 21:00	1.67	9.25	0.13	214.58	209.69	55.49	98.86
9/25/2024 22:00	2.6	6.51	0.13	204.98	233.6	55.26	98.92
9/25/2024 23:00	1.58	5.53	0.14	204.28	240.36	55.04	98.94
9/26/2024	1.63	6.63	0.12	199.79	212.62	54.94	98.92
9/26/2024 1:00	1.89	7.89	0.12	203.74	210.24	54.85	98.91
9/26/2024 2:00	1.57	6.99	0.13	204.1	229.63	54.62	98.92
9/26/2024 3:00	1.48	4.51	0.11	187.15	215.11	54.23	98.99
9/26/2024 4:00	3.21	4.53	0.1	179.81	191.75	54.02	99.04
9/26/2024 5:00	2.1	4.71	0.07	153.78	167.36	53.94	99.05
9/26/2024 6:00	2.16	4.75	0.08	165.92	170.25	53.79	99.1
9/26/2024 7:00	1.21	4.78	0.08	165.82	164.26	53.62	99.14
9/26/2024 8:00	1.59	3.28	0.06	150.73	154.59	53.5	99.22
9/26/2024 9:00	0.87	4.61	0.07	146.49	162.17	53.53	99.22
9/26/2024 10:00	1.2	4.65	0.06	168.65	132.71	53.75	99.26
9/26/2024 11:00	2.13	3.45	0.08	183.04	163.35	53.92	99.33
9/26/2024 12:00	0.64	5.14	0.11	213.75	182.83	54.21	99.31

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/26/2024 13:00	3.57	5.96	0.24	285.07	298.97	54.33	99.27
9/26/2024 14:00	2.16	6.14	0.09	228.72	141.63	54.9	99.25
9/26/2024 15:00	1.95	5.28	0.11	189.75	200.53	55.35	99.21
9/26/2024 16:00	2.79	5.93	0.11	181.67	218.1	55.6	99.19
9/26/2024 17:00	2.08	7.42	0.12	191.9	215.19	55.53	99.22
9/26/2024 18:00	2.63	9.06	0.12	194.03	208.47	55.35	99.22
9/26/2024 19:00	3.41	6.45	0.09	175.25	174.45	55.15	99.2
9/26/2024 20:00	2.54	6.48	0.07	179.31	134.84	54.98	99.22
9/26/2024 21:00	1.64	7.79	0.07	186	128.4	54.91	99.21
9/26/2024 22:00	2.19	5.5	0.07	171.6	151.56	54.76	99.23
9/26/2024 23:00	1.3	3.87	0.08	197.35	140.21	54.59	99.22
9/27/2024	1.95	4.38	0.07	211.13	124.99	54.44	99.17
9/27/2024 1:00	2.9	3.42	0.05	177.56	108.84	54.31	99.14
9/27/2024 2:00	2.54	5.03	0.05	178.8	92.58	54.16	99.12
9/27/2024 3:00	0.86	4.6	0.05	179.67	91.28	53.88	99.08
9/27/2024 4:00	1.61	3.26	0.05	182.04	100.39	53.6	99.05
9/27/2024 5:00	1.96	3.65	0.03	177.64	70.05	53.38	99.06
9/27/2024 6:00	0.92	5.54	0.04	189.52	69.86	53.3	99.1
9/27/2024 7:00	2.96	4.72	0.04	173.66	75.01	53.05	99.11
9/27/2024 8:00	1.7	3.59	0.02	126.04	61.15	52.86	99.11
9/27/2024 9:00	1.8	3.65	0.02	123.16	50.54	52.73	99.06
9/27/2024 10:00	1.64	3.39	0.01	121.09	37.05	52.85	98.98
9/27/2024 11:00	1.72	4.98	0.01	131.26	32.11	53.11	98.94
9/27/2024 12:00	2.63	5.8	0.02	153.96	45.81	53.51	98.84
9/27/2024 13:00	1.87	4.65	0.04	168.03	75.72	53.97	98.77
9/27/2024 14:00	3.45	6.27	0.03	159.35	61.52	54.4	98.71
9/27/2024 15:00	2.5	8.54	0.03	148.08	72.32	54.65	98.62
9/27/2024 16:00	1.59	9.46	0.02	126.64	58.56	54.71	98.58
9/27/2024 17:00	2.49	9.93	0.02	132.28	45.27	54.74	98.56
9/27/2024 18:00	2.82	10.64	0.02	132.64	54.71	54.69	98.55

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/27/2024 19:00	2.95	8.59	0.02	131.84	39.57	54.56	98.61
9/27/2024 20:00	2.34	8.4	0.01	135.61	34.93	54.37	98.64
9/27/2024 21:00	3.17	8.11	0.01	141.42	33.59	54.09	98.67
9/27/2024 22:00	2.63	7.51	0.02	143.2	41.96	53.74	98.65
9/27/2024 23:00	2.08	6.56	0.02	136.02	43.01	53.35	98.63
9/28/2024	3.43	5.76	0.01	130.66	40.1	53.1	98.6
9/28/2024 1:00	1.97	4.97	0.02	125.87	45.74	52.89	98.56
9/28/2024 2:00	2.06	5.21	0.01	124.65	35.48	52.78	98.52
9/28/2024 3:00	2.05	8.24	0.01	124.13	32.89	52.67	98.46
9/28/2024 4:00	2.69	5.56	0.01	129.05	33.62	52.68	98.43
9/28/2024 5:00	1.22	5.74	0.02	131.33	46.37	52.71	98.44
9/28/2024 6:00	2.08	6.98	0.02	132.23	41.63	52.71	98.47
9/28/2024 7:00	1.45	5.3	0.01	130.16	38.61	52.78	98.53
9/28/2024 8:00	1.83	6.27	0.02	126.91	65.53	52.85	98.56
9/28/2024 9:00	2.7	8.6	0.02	135.97	59	52.93	98.57
9/28/2024 10:00	2.34	9.31	0.03	143.72	61.25	53.19	98.59
9/28/2024 11:00	1.61	7.27	0.03	136.75	64.14	53.64	98.57
9/28/2024 12:00	1.33	7.53	0.03	136.35	71.7	53.71	98.59
9/28/2024 13:00	2.43	5.87	0.03	139.18	83.24	53.93	98.56
9/28/2024 14:00	2.61	7.36	0.03	146.72	59.75	54.12	98.56
9/28/2024 15:00	4.18	8.15	0.03	147.57	69.27	54.22	98.56
9/28/2024 16:00	4.62	14.68	0.03	112.32	83.18	54.23	98.59
9/28/2024 17:00	2.33	10.62	0.03	108.87	72.26	54.09	98.63
9/28/2024 18:00	3.94	11.04	0.03	125.5	86.96	53.83	98.65
9/28/2024 19:00	2.08	7.6	0.03	139.17	86.79	53.66	98.66
9/28/2024 20:00	2.56	7.12	0.04	145.06	82.59	53.69	98.7
9/28/2024 21:00	0.88	5	0.03	126.95	81.32	53.7	98.74
9/28/2024 22:00	0.89	4.92	0.03	116.7	81.1	53.74	98.76
9/28/2024 23:00	1.72	5.25	0.02	105.47	79.88	53.74	98.79
9/29/2024	1.62	5.58	0.02	128.64	61.44	53.54	98.81

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/29/2024 1:00	0.83	5.18	0.02	127.83	61.64	53.41	98.8
9/29/2024 2:00	1.84	5.3	0.03	133.08	64.42	53.26	98.79
9/29/2024 3:00	1.59	4.62	0.02	120.69	60.87	53.12	98.8
9/29/2024 4:00	1.05	4.64	0.02	119.36	69.09	53.05	98.82
9/29/2024 5:00	1.32	4.01	0.02	118.22	58.56	52.92	98.83
9/29/2024 6:00	1.56	5.37	0.02	121.13	69.04	53.12	98.87
9/29/2024 7:00	1.85	5.4	0.02	122.47	69.02	52.97	98.92
9/29/2024 8:00	1.71	6.63	0.06	204.24	96.71	52.76	98.95
9/29/2024 9:00	1.98	6.58	0.03	163.67	56.73	52.9	98.99
9/29/2024 10:00	1.86	5.48	0.02	131.76	46.58	52.75	99.02
9/29/2024 11:00	1.03	6.74	0.02	124.26	43.38	52.69	99.04
9/29/2024 12:00	1.44	5.65	0.01	113.41	35.23	52.73	99.04
9/29/2024 13:00	1.68	5.13	0.01	115.98	30.37	53.03	99.04
9/29/2024 14:00	1.45	5.38	0.01	117.1	44.64	53.19	99.03
9/29/2024 15:00	1.01	5.07	0.02	120.96	52.7	53.36	98.98
9/29/2024 16:00	2.18	6.21	0.02	123.3	65.36	53.58	98.97
9/29/2024 17:00	2.33	8.6	0.02	128.93	49.17	53.64	98.97
9/29/2024 18:00	1.77	9.57	0.02	128.57	41.2	53.65	99
9/29/2024 19:00	2.74	8.39	0.03	130.24	77.89	53.49	99.03
9/29/2024 20:00	1.92	7.12	0.04	122.71	110.62	53.36	99.06
9/29/2024 21:00	1.62	6.62	0.02	117.99	63.39	53.41	99.08
9/29/2024 22:00	3.73	7.35	0.02	117.14	59.28	53.47	99.09
9/29/2024 23:00	1.38	5.8	0.04	122.69	111.66	53.52	99.11
9/30/2024	3.07	6.06	0.02	108.86	56.14	53.99	99.09
9/30/2024 1:00	3	8.46	0.03	121.36	86.93	54.04	99.09
9/30/2024 2:00	2.21	4.69	0.02	108.42	73.3	53.8	99.1
9/30/2024 3:00	2.27	5.08	0.02	106.38	63.66	53.83	99.09
9/30/2024 4:00	1.23	3.86	0.02	110.81	53.27	53.76	99.09
9/30/2024 5:00	2.12	4.2	0.03	118.39	80.34	53.33	99.11
9/30/2024 6:00	1.07	4.36	0.02	113.67	63.02	52.94	99.14

O.Reg 88/22 s34: Main Plant Flare 48" line

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/30/2024 7:00	1	2.96	0.02	110.15	65.24	52.59	99.16
9/30/2024 8:00	1.33	4.31	0.04	111.78	109.76	52.68	99.21
9/30/2024 9:00	2.16	4.46	0.02	113.86	75.23	53.02	99.21
9/30/2024 10:00	1.97	4.74	0.03	107.1	85.93	53.41	99.22
9/30/2024 11:00	2.1	3.73	0.03	106.14	92.1	53.76	99.2
9/30/2024 12:00	1.94	4.47	0.02	115.27	68.85	54.44	99.17
9/30/2024 13:00	1.91	4.6	0.02	123.2	65.82	54.77	99.11
9/30/2024 14:00	2.6	5.03	0.03	119.86	93.55	54.87	99.06
9/30/2024 15:00	1.14	5.8	0.04	127.46	105.36	55.2	99.01
9/30/2024 16:00	0.92	6.42	0.03	118.33	92.86	55.59	98.98
9/30/2024 17:00	1.68	7.94	0.03	118.75	94.28	55.85	99.02
9/30/2024 18:00	2.23	10.76	0.04	120.12	111.89	56.08	99.01
9/30/2024 19:00	4.01	8.57	0.05	118.63	124.63	56.06	99.04
9/30/2024 20:00	1.64	8.16	0.03	108.18	87.66	56.11	99.02
9/30/2024 21:00	1.62	9.83	0.03	90.57	92.11	56.14	99.06
9/30/2024 22:00	1.85	10.83	0.03	103.45	83.04	56.16	99.06
9/30/2024 23:00							
10/1/2024							

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/1/2024 1:00	4.88	11.11	2.53	9005.39	105.63	22.51	-0.50
7/1/2024 2:00	5.07	10.71	2.51	8803.72	107.51	22.17	-0.49
7/1/2024 3:00	5.38	10.52	2.43	8421.73	108.37	22.19	-0.49
7/1/2024 4:00	5.15	10.27	2.15	7736.92	104.66	21.86	-0.51
7/1/2024 5:00	5.02	10.08	2.22	7848.17	106.31	21.19	-0.51
7/1/2024 6:00	5.25	10.34	2.37	8440.01	105.72	20.74	-0.52
7/1/2024 7:00	4.56	13.32	8.12	26867.36	111.34	21.09	-0.52
7/1/2024 8:00	4.35	19.52	28.99	94346.98	115.88	22.47	-0.50
7/1/2024 9:00	4.69	20.12	30.41	97356.55	117.80	25.25	-0.50
7/1/2024 10:00	4.72	20.58	30.94	99711.02	117.09	28.51	-0.49
7/1/2024 11:00	5.13	21.03	30.81	98618.04	117.89	32.74	-0.48
7/1/2024 12:00	5.20	22.21	31.18	103240.41	113.89	36.08	-0.48
7/1/2024 13:00	12.52	22.82	31.62	104204.76	114.49	36.98	-0.48
7/1/2024 14:00	20.06	23.23	31.85	104445.02	115.01	37.18	-0.47
7/1/2024 15:00	6.86	23.21	31.46	103666.49	114.43	37.06	-0.48
7/1/2024 16:00	4.74	23.21	30.94	101699.59	114.75	36.49	-0.47
7/1/2024 17:00	4.37	23.65	30.96	101142.89	115.46	34.78	-0.47
7/1/2024 18:00	4.07	23.67	30.98	100177.32	116.63	35.06	-0.46
7/1/2024 19:00	4.49	22.91	30.46	99165.34	115.85	33.73	-0.46
7/1/2024 20:00	3.74	22.66	30.15	98078.83	115.91	32.03	-0.45
7/1/2024 21:00	3.75	22.45	30.13	97898.32	116.04	30.96	-0.45
7/1/2024 22:00	3.85	22.20	29.75	96999.36	115.65	29.99	-0.45
7/1/2024 23:00	3.43	21.79	29.12	101173.23	109.21	29.25	-0.45
7/2/2024	3.47	21.46	30.03	97563.91	116.06	28.36	-0.44
7/2/2024 1:00	3.85	22.12	30.07	102272.02	110.95	27.79	-0.45
7/2/2024 2:00	4.12	21.72	30.25	98679.22	115.66	26.86	-0.45
7/2/2024 3:00	4.12	21.23	29.88	96202.01	117.11	26.00	-0.45
7/2/2024 4:00	3.79	21.17	29.61	95434.34	116.99	25.02	-0.46
7/2/2024 5:00	4.72	20.91	29.70	94888.23	118.05	24.22	-0.46
7/2/2024 6:00	4.54	21.23	30.25	96239.64	118.67	23.94	-0.45

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/2/2024 7:00	4.47	20.82	29.21	95901.79	114.85	24.44	-0.46
7/2/2024 8:00	3.94	21.40	29.98	96329.37	117.40	26.54	-0.47
7/2/2024 9:00	4.63	22.35	30.96	98848.99	118.09	29.26	-0.46
7/2/2024 10:00	4.55	23.28	31.29	100358.88	117.57	32.40	-0.45
7/2/2024 11:00	5.67	22.98	27.69	89986.86	114.63	35.28	-0.45
7/2/2024 12:00	5.16	23.63	28.54	92312.53	116.74	36.53	-0.45
7/2/2024 13:00	5.90	24.09	28.71	93245.55	116.16	37.85	-0.45
7/2/2024 14:00	9.20	24.73	28.55	93013.78	115.91	37.17	-0.45
7/2/2024 15:00	5.12	24.65	29.20	96210.73	114.49	37.74	-0.45
7/2/2024 16:00	14.82	24.29	29.27	96468.02	114.40	37.14	-0.45
7/2/2024 17:00	25.94	24.98	30.04	98506.46	115.01	36.15	-0.44
7/2/2024 18:00	6.39	24.44	30.01	97584.59	115.94	34.96	-0.44
7/2/2024 19:00	4.99	24.12	29.26	96018.38	114.99	34.03	-0.44
7/2/2024 20:00	4.50	23.74	28.63	93816.23	115.12	33.20	-0.44
7/2/2024 21:00	4.12	23.42	28.42	92604.45	115.76	32.38	-0.44
7/2/2024 22:00	4.17	23.21	27.72	91449.83	114.34	31.77	-0.44
7/2/2024 23:00	4.01	23.45	27.99	91228.57	115.69	31.27	-0.44
7/3/2024	4.19	23.18	27.37	89078.74	115.89	30.80	-0.44
7/3/2024 1:00	3.52	23.38	27.59	90324.55	115.27	30.50	-0.44
7/3/2024 2:00	4.16	23.50	28.18	91548.01	116.11	30.33	-0.44
7/3/2024 3:00	3.89	23.62	28.31	91873.64	116.20	30.25	-0.44
7/3/2024 4:00	4.25	23.23	28.06	91951.80	115.06	30.41	-0.44
7/3/2024 5:00	3.28	23.16	28.12	91938.70	115.34	30.49	-0.43
7/3/2024 6:00	3.60	23.29	28.34	92328.49	115.75	30.74	-0.44
7/3/2024 7:00					116.89	31.41	-0.43
7/3/2024 8:00					116.25	32.70	-0.44
7/3/2024 9:00					116.76	34.52	-0.44
7/3/2024 10:00					116.09	37.32	-0.44
7/3/2024 11:00					114.92	39.17	-0.43
7/3/2024 12:00					115.17	38.68	-0.43

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/3/2024 13:00	4.26	24.13	29.25	97685.84	113.01	39.80	-0.43
7/3/2024 14:00	4.63	24.73	29.77	100425.84	111.89	39.14	-0.43
7/3/2024 15:00	5.53	25.36	29.02	94580.25	115.76	39.76	-0.43
7/3/2024 16:00	5.90	25.11	28.44	92388.43	116.20	39.53	-0.44
7/3/2024 17:00	5.52	25.64	29.49	97576.16	114.12	40.18	-0.43
7/3/2024 18:00	20.77	25.24	28.66	96317.74	112.34	40.73	-0.43
7/3/2024 19:00	12.03	25.36	28.24	93937.78	113.44	39.99	-0.43
7/3/2024 20:00	5.24	24.84	28.32	92754.73	115.15	38.37	-0.44
7/3/2024 21:00	4.60	24.63	28.12	94410.10	112.36	37.13	-0.44
7/3/2024 22:00	4.47	24.99	28.48	95572.55	112.41	35.98	-0.43
7/3/2024 23:00	4.40	24.95	29.31	96143.22	115.08	35.07	-0.43
7/4/2024	3.92	24.34	28.59	94696.21	113.85	34.51	-0.44
7/4/2024 1:00	4.21	24.45	29.13	94930.97	115.72	33.61	-0.44
7/4/2024 2:00	3.92	24.69	29.22	95671.80	115.19	32.70	-0.44
7/4/2024 3:00	4.23	23.92	29.40	96888.32	114.44	32.06	-0.44
7/4/2024 4:00	4.10	24.04	29.33	96619.92	114.47	31.16	-0.45
7/4/2024 5:00	3.51	24.28	29.56	97281.86	114.57	30.91	-0.45
7/4/2024 6:00	4.34	24.25	30.60	99240.96	115.86	30.39	-0.45
7/4/2024 7:00	3.60	24.40	29.56	97531.60	114.31	30.29	-0.45
7/4/2024 8:00	3.74	25.08	30.92	100421.84	116.16	31.67	-0.45
7/4/2024 9:00	3.84	25.71	32.10	105948.74	114.26	34.13	-0.45
7/4/2024 10:00	4.14	25.94	32.91	106588.47	116.51	36.83	-0.45
7/4/2024 11:00	4.57	26.25	33.02	109013.68	114.48	39.37	-0.45
7/4/2024 12:00	3.95	26.10	33.68	108832.84	116.78	40.42	-0.44
7/4/2024 13:00	4.59	26.42	32.61	108498.48	113.50	39.39	-0.44
7/4/2024 14:00	4.57	26.17	31.51	103179.98	115.23	38.10	-0.44
7/4/2024 15:00	5.21	26.20	31.21	102161.49	115.23	37.53	-0.44
7/4/2024 16:00	4.43	26.67	31.01	104417.24	112.11	37.77	-0.44
7/4/2024 17:00	5.97	26.38	30.85	100822.20	115.40	37.25	-0.44
7/4/2024 18:00	5.74	26.03	30.33	97633.34	117.18	36.01	-0.44

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/4/2024 19:00	6.54	26.21	29.37	96812.95	114.42	35.01	-0.45
7/4/2024 20:00	4.57	25.88	30.16	98636.04	115.27	34.32	-0.44
7/4/2024 21:00	12.64	25.61	29.83	98571.57	114.09	33.63	-0.45
7/4/2024 22:00	8.73	25.47	29.91	98641.80	114.32	33.37	-0.44
7/4/2024 23:00	4.73	24.91	29.39	97189.82	114.02	33.41	-0.44
7/5/2024	3.68	25.18	29.46	97283.30	114.18	33.08	-0.44
7/5/2024 1:00	4.14	24.73	29.45	97245.84	114.32	32.45	-0.44
7/5/2024 2:00	3.90	24.55	29.28	96436.38	114.47	31.92	-0.44
7/5/2024 3:00	3.54	24.77	29.42	97417.58	113.88	31.33	-0.45
7/5/2024 4:00	3.36	23.52	26.87	89070.73	113.34	30.76	-0.44
7/5/2024 5:00	3.52	24.25	29.69	97756.38	114.56	30.76	-0.45
7/5/2024 6:00	3.75	24.54	30.19	99320.63	114.62	30.49	-0.44
7/5/2024 7:00	3.56	24.48	29.88	98717.60	114.11	31.36	-0.45
7/5/2024 8:00	3.71	25.26	30.06	101283.14	112.03	32.95	-0.45
7/5/2024 9:00	4.33	26.60	31.43	103657.13	114.43	35.48	-0.45
7/5/2024 10:00	5.83	26.15	30.94	100097.04	116.60	38.26	-0.45
7/5/2024 11:00	6.34	26.16	31.06	100415.63	116.72	38.13	-0.44
7/5/2024 12:00	5.33	26.07	30.60	101435.02	113.90	36.68	-0.44
7/5/2024 13:00	6.15	26.17	30.84	98477.08	118.21	35.22	-0.44
7/5/2024 14:00	5.74	25.99	30.22	98631.35	115.53	34.38	-0.45
7/5/2024 15:00	5.81	25.33	29.01	95863.57	114.25	32.27	-0.45
7/5/2024 16:00	5.70	24.85	28.64	93795.13	115.16	31.23	-0.45
7/5/2024 17:00	5.50	24.87	28.63	95020.48	113.63	32.59	-0.45
7/5/2024 18:00	5.18	25.59	29.51	96940.39	114.83	33.58	-0.46
7/5/2024 19:00	5.66	22.51	18.99	64645.05	109.76	33.47	-0.46
7/5/2024 20:00	5.70	24.82	29.47	95539.55	116.31	32.55	-0.45
7/5/2024 21:00	5.71	24.75	29.40	93830.13	118.19	32.09	-0.45
7/5/2024 22:00	5.31	24.53	27.45	90378.80	115.05	31.77	-0.46
7/5/2024 23:00	5.01	23.60	26.36	89217.72	111.43	29.61	-0.49
7/6/2024	4.48	22.64	24.67	81378.68	114.42	27.80	-0.46

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/6/2024 1:00	4.58	21.99	22.99	77328.90	112.10	27.91	-0.44
7/6/2024 2:00	3.98	22.55	23.58	83565.38	106.94	27.98	-0.46
7/6/2024 3:00	4.23	22.24	21.21	78254.62	102.15	28.05	-0.47
7/6/2024 4:00	3.70	22.28	23.95	88572.47	102.73	27.63	-0.47
7/6/2024 5:00	3.89	22.38	23.29	81193.41	108.72	26.94	-0.47
7/6/2024 6:00	4.39	22.33	23.94	84805.72	106.88	26.85	-0.47
7/6/2024 7:00	4.42	22.65	23.81	86383.20	104.41	27.49	-0.47
7/6/2024 8:00	4.64	22.79	24.02	84022.88	107.79	28.34	-0.48
7/6/2024 9:00	4.76	22.69	23.74	84589.57	106.19	29.53	-0.49
7/6/2024 10:00	4.20	23.34	23.99	88209.10	103.42	31.70	-0.48
7/6/2024 11:00	4.62	23.98	24.56	93187.38	99.68	36.34	-0.47
7/6/2024 12:00	4.54	23.75	24.39	88690.57	104.57	38.40	-0.46
7/6/2024 13:00	5.28	24.04	24.27	85157.27	107.58	40.33	-0.46
7/6/2024 14:00	5.20	24.20	24.39	89139.26	103.70	40.91	-0.46
7/6/2024 15:00	5.88	24.27	24.28	85440.30	107.87	40.73	-0.46
7/6/2024 16:00	5.16	23.85	21.44	78409.05	104.56	40.29	-0.47
7/6/2024 17:00	4.82	24.43	23.70	85333.34	105.08	37.82	-0.49
7/6/2024 18:00	5.15	24.44	23.91	86850.20	104.21	36.56	-0.48
7/6/2024 19:00	5.13	24.27	23.49	86363.78	102.95	34.98	-0.47
7/6/2024 20:00	4.13	24.49	23.42	87075.86	101.95	33.93	-0.46
7/6/2024 21:00	4.05	23.28	23.28	83542.68	105.56	33.26	-0.45
7/6/2024 22:00	3.55	24.07	22.88	85321.66	101.66	33.10	-0.45
7/6/2024 23:00	3.62	23.56	22.99	84669.58	102.85	32.88	-0.45
7/7/2024	3.71	23.65	23.26	84448.16	104.40	32.25	-0.45
7/7/2024 1:00	3.30	23.48	23.76	87207.02	103.24	31.58	-0.45
7/7/2024 2:00	3.67	22.45	19.62	69332.62	105.00	30.99	-0.46
7/7/2024 3:00	3.80	23.22	22.51	82637.13	102.98	30.46	-0.46
7/7/2024 4:00	3.36	23.46	22.98	86205.82	100.54	30.19	-0.46
7/7/2024 5:00	3.89	23.14	23.03	84626.95	102.61	29.62	-0.46
7/7/2024 6:00	17.95	24.79	19.46	56631.79	148.36	28.11	-0.39

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/7/2024 7:00	18.03	19.75	7.08	21657.86	113.43	26.70	-0.44
7/7/2024 8:00	4.72	13.25	2.47	10512.68	88.56	29.96	-0.50
7/7/2024 9:00	4.28	12.27	2.30	9868.88	87.93	32.63	-0.49
7/7/2024 10:00	3.35	11.46	2.26	9387.25	90.72	34.29	-0.48
7/7/2024 11:00	3.61	11.75	2.09	8743.67	90.32	35.85	-0.49
7/7/2024 12:00	3.82	11.42	2.19	8984.15	91.68	36.77	-0.49
7/7/2024 13:00	4.11	10.88	2.12	8919.41	89.84	37.57	-0.48
7/7/2024 14:00	3.98	10.83	2.25	9273.88	91.45	40.14	-0.49
7/7/2024 15:00	4.42	11.35	2.22	9177.99	91.43	41.69	-0.49
7/7/2024 16:00	3.86	10.72	2.05	8749.77	88.67	42.35	-0.47
7/7/2024 17:00	3.85	11.53	2.28	9338.30	92.00	41.76	-0.47
7/7/2024 18:00	4.81	11.24	2.27	9169.00	93.15	41.46	-0.47
7/7/2024 19:00	3.98	10.78	2.03	8108.61	94.21	39.27	-0.47
7/7/2024 20:00	4.54	11.12	2.21	8508.78	98.00	36.87	-0.47
7/7/2024 21:00	4.69	10.74	2.25	8692.64	97.75	35.77	-0.47
7/7/2024 22:00	4.27	10.63	2.15	8297.24	97.72	34.94	-0.47
7/7/2024 23:00	4.20	10.54	2.29	8734.08	98.72	34.29	-0.47
7/8/2024	4.09	10.90	2.29	8862.12	97.37	33.62	-0.47
7/8/2024 1:00	3.65	10.87	2.22	8518.63	98.10	33.03	-0.47
7/8/2024 2:00	4.66	10.19	2.02	7871.73	96.51	32.55	-0.47
7/8/2024 3:00	3.26	9.94	1.89	7310.12	97.44	32.07	-0.47
7/8/2024 4:00	4.17	9.86	1.83	7155.64	96.31	31.48	-0.48
7/8/2024 5:00	3.48	10.25	1.84	7299.49	95.07	31.35	-0.48
7/8/2024 6:00	3.93	10.16	1.82	7217.24	95.16	31.15	-0.48
7/8/2024 7:00	3.52	9.38	1.63	6388.69	95.58	31.27	-0.48
7/8/2024 8:00	4.57	9.96	1.87	7353.10	95.83	31.95	-0.48
7/8/2024 9:00	3.82	10.15	1.94	7675.52	95.35	33.80	-0.48
7/8/2024 10:00	4.77	10.37	2.13	8078.04	99.53	36.93	-0.47
7/8/2024 11:00	4.37	10.70	2.14	8348.36	96.90	40.44	-0.47
7/8/2024 12:00	4.59	10.40	2.09	8305.20	95.20	43.55	-0.47

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/8/2024 13:00	4.85	10.65	2.13	8323.72	96.76	44.91	-0.46
7/8/2024 14:00	5.14	10.74	2.20	8630.20	96.66	45.38	-0.46
7/8/2024 15:00	5.48	10.52	2.07	8259.32	94.61	45.49	-0.46
7/8/2024 16:00	4.25	9.20	1.43	5924.41	91.08	44.81	-0.46
7/8/2024 17:00	4.59	9.29	1.88	7337.94	96.59	42.99	-0.45
7/8/2024 18:00	6.50	9.95	2.18	8540.75	96.19	42.46	-0.45
7/8/2024 19:00	7.45	10.20	2.35	8720.21	101.77	40.84	-0.44
7/8/2024 20:00	10.87	12.51	4.42	15566.62	108.36	38.16	-0.41
7/8/2024 21:00	16.75	19.24	12.17	41504.11	110.61	36.17	-0.39
7/8/2024 22:00	7.83	15.79	6.17	23770.96	97.61	35.69	-0.43
7/8/2024 23:00	4.65	13.02	3.65	14410.75	95.34	35.80	-0.45
7/9/2024	4.37	12.19	3.42	13693.95	94.17	35.46	-0.45
7/9/2024 1:00	4.15	12.54	3.38	13460.05	94.59	34.94	-0.45
7/9/2024 2:00	4.05	12.29	3.23	12861.88	94.48	34.71	-0.45
7/9/2024 3:00	4.20	12.02	3.10	12291.99	94.85	34.55	-0.47
7/9/2024 4:00	4.07	12.28	2.99	11975.96	94.11	33.63	-0.47
7/9/2024 5:00	3.89	11.80	2.89	11640.35	93.56	33.17	-0.46
7/9/2024 6:00	4.14	11.47	2.79	11308.94	93.04	33.00	-0.46
7/9/2024 7:00	4.13	11.26	2.40	9565.75	94.34	32.97	-0.47
7/9/2024 8:00	4.02	10.76	2.40	9749.09	92.65	33.74	-0.48
7/9/2024 9:00	3.94	11.28	2.63	10313.19	95.96	34.40	-0.48
7/9/2024 10:00	4.76	11.03	2.68	10491.63	96.08	35.74	-0.47
7/9/2024 11:00	5.00	10.71	2.65	10357.38	96.31	37.39	-0.47
7/9/2024 12:00	4.94	10.55	2.62	10354.73	95.26	40.22	-0.48
7/9/2024 13:00	4.54	10.80	2.58	10261.64	94.65	42.53	-0.47
7/9/2024 14:00	5.30	10.52	2.57	10167.51	95.28	43.31	-0.47
7/9/2024 15:00	5.71	10.33	2.48	9918.46	94.19	42.32	-0.46
7/9/2024 16:00	4.66	9.64	2.05	8273.77	93.27	40.62	-0.46
7/9/2024 17:00	5.01	9.33	2.23	8809.57	95.24	38.89	-0.46
7/9/2024 18:00	4.73	9.88	2.35	9409.17	94.06	37.63	-0.46

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/9/2024 19:00	4.97	10.63	3.32	13104.25	94.44	36.59	-0.46
7/9/2024 20:00	5.41	10.42	2.70	10438.20	97.61	35.33	-0.47
7/9/2024 21:00	5.15	10.22	2.48	9680.03	96.24	34.97	-0.47
7/9/2024 22:00	5.08	9.84	2.35	9242.69	95.65	34.89	-0.47
7/9/2024 23:00	4.75	9.25	2.18	8446.29	97.00	34.80	-0.47
7/10/2024	4.90	9.32	2.19	8654.02	95.17	34.70	-0.47
7/10/2024 1:00	4.38	9.48	2.23	8890.82	94.49	33.69	-0.50
7/10/2024 2:00	4.31	9.62	2.32	9085.24	96.10	31.95	-0.48
7/10/2024 3:00	4.35	9.47	2.30	9052.50	95.59	31.07	-0.50
7/10/2024 4:00	4.67	9.79	2.32	9069.44	96.16	30.32	-0.49
7/10/2024 5:00	4.64	10.14	2.30	8921.97	97.07	29.57	-0.50
7/10/2024 6:00	4.15	9.89	2.31	8895.87	97.88	28.79	-0.50
7/10/2024 7:00					98.34	27.82	-0.54
7/10/2024 8:00					99.26	26.85	-0.51
7/10/2024 9:00					100.04	27.00	-0.48
7/10/2024 10:00					100.01	27.52	-0.47
7/10/2024 11:00	4.29	10.04	2.19	8347.01	99.24	28.36	-0.48
7/10/2024 12:00	3.76	10.16	2.20	8430.31	98.34	28.35	-0.49
7/10/2024 13:00	4.37	10.38	2.18	8268.91	99.12	28.05	-0.50
7/10/2024 14:00	3.68	10.07	2.14	8228.18	97.89	27.14	-0.53
7/10/2024 15:00	3.98	10.09	2.22	8556.04	97.73	25.79	-0.54
7/10/2024 16:00	3.88	15.71	12.38	44118.14	106.16	25.33	-0.53
7/10/2024 17:00	3.46	18.28	18.39	65474.44	105.89	24.69	-0.53
7/10/2024 18:00	3.67	18.64	18.62	66418.66	105.69	24.42	-0.53
7/10/2024 19:00	3.71	18.94	19.24	67995.83	106.61	24.36	-0.51
7/10/2024 20:00	3.99	19.38	18.86	67405.76	105.49	24.41	-0.51
7/10/2024 21:00	3.45	19.85	18.94	67299.74	106.04	24.40	-0.50
7/10/2024 22:00	3.90	19.26	18.19	64810.36	105.81	24.36	-0.50
7/10/2024 23:00	4.20	19.55	18.24	64952.20	105.90	24.59	-0.47
7/11/2024	3.72	19.99	18.27	65016.96	105.89	25.39	-0.45

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/11/2024 1:00	4.15	19.45	18.52	65359.07	106.86	25.87	-0.44
7/11/2024 2:00	4.72	20.08	18.42	65370.90	106.25	26.21	-0.45
7/11/2024 3:00	3.98	20.04	18.50	65566.41	106.35	26.59	-0.48
7/11/2024 4:00	4.37	19.89	18.23	64743.68	106.18	26.67	-0.49
7/11/2024 5:00	4.20	20.12	17.92	62961.08	107.36	26.38	-0.49
7/11/2024 6:00	4.29	19.86	18.86	64921.35	109.14	26.27	-0.49
7/11/2024 7:00	4.50	21.48	18.95	67849.86	104.98	26.78	-0.49
7/11/2024 8:00	3.71	20.09	17.34	62998.49	103.81	28.15	-0.50
7/11/2024 9:00	3.34	20.18	18.23	65745.99	104.64	30.19	-0.50
7/11/2024 10:00	3.67	20.69	18.62	66376.18	105.73	32.79	-0.49
7/11/2024 11:00	3.95	21.10	18.26	67004.17	102.77	36.90	-0.48
7/11/2024 12:00	3.58	20.92	18.58	68995.38	101.61	39.08	-0.49
7/11/2024 13:00	3.55	21.10	18.20	69762.15	98.40	39.66	-0.48
7/11/2024 14:00	4.04	21.19	18.18	69510.53	98.56	40.16	-0.48
7/11/2024 15:00	3.79	21.09	18.37	72325.58	95.91	39.71	-0.49
7/11/2024 16:00	3.78	21.14	18.83	71923.35	98.83	39.26	-0.49
7/11/2024 17:00	3.45	20.98	18.17	69363.87	98.78	37.45	-0.49
7/11/2024 18:00	3.25	20.77	18.35	69166.45	99.97	36.57	-0.49
7/11/2024 19:00	4.53	18.66	11.61	44356.21	97.25	34.40	-0.50
7/11/2024 20:00	4.02	20.58	17.59	66813.04	99.23	32.38	-0.49
7/11/2024 21:00	3.16	20.46	17.45	65797.80	99.99	31.69	-0.47
7/11/2024 22:00	3.11	20.13	17.10	64136.82	100.53	31.31	-0.47
7/11/2024 23:00	3.23	20.34	17.39	64463.64	101.69	31.12	-0.47
7/12/2024	3.41	20.10	17.90	65662.52	102.83	30.99	-0.47
7/12/2024 1:00	3.15	20.19	18.05	65938.83	103.21	30.87	-0.46
7/12/2024 2:00	2.92	20.11	17.96	65961.40	102.73	30.44	-0.47
7/12/2024 3:00	3.26	19.40	18.26	64709.11	106.43	29.58	-0.47
7/12/2024 4:00	3.69	19.51	18.27	63787.45	108.01	29.07	-0.47
7/12/2024 5:00	3.75	19.28	18.48	64140.36	108.58	28.78	-0.47
7/12/2024 6:00	3.07	19.66	18.60	64269.46	109.04	28.87	-0.47

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/12/2024 7:00	4.09	20.33	19.49	67487.01	108.74	29.47	-0.47
7/12/2024 8:00	3.86	20.22	18.76	65567.05	107.87	30.65	-0.47
7/12/2024 9:00	3.97	20.05	18.72	65375.88	107.97	31.64	-0.47
7/12/2024 10:00	3.83	20.40	18.98	67592.20	105.89	33.69	-0.47
7/12/2024 11:00	4.30	20.56	19.47	68776.04	106.73	33.46	-0.47
7/12/2024 12:00	3.73	20.20	19.10	66769.59	107.86	32.28	-0.47
7/12/2024 13:00	4.01	21.21	19.26	66960.59	108.40	35.26	-0.47
7/12/2024 14:00	4.93	21.42	19.77	68304.98	109.09	40.08	-0.47
7/12/2024 15:00	4.96	21.74	20.15	69395.01	109.45	41.22	-0.47
7/12/2024 16:00	5.30	22.00	20.99	71128.73	111.25	40.47	-0.47
7/12/2024 17:00	5.37	22.80	21.95	74416.78	111.20	38.98	-0.46
7/12/2024 18:00	5.69	22.49	22.18	75214.12	111.21	37.78	-0.47
7/12/2024 19:00	5.06	22.66	22.60	76230.33	111.74	36.81	-0.46
7/12/2024 20:00	4.94	22.69	22.77	77189.16	111.17	35.92	-0.46
7/12/2024 21:00	5.20	21.98	22.42	75669.25	111.71	35.01	-0.46
7/12/2024 22:00	4.92	21.80	21.93	74738.55	110.65	34.01	-0.46
7/12/2024 23:00	4.30	21.42	21.91	74466.67	110.84	33.36	-0.46
7/13/2024	4.07	21.65	21.96	75308.24	109.91	32.83	-0.46
7/13/2024 1:00	4.95	21.18	22.40	76582.72	110.29	32.16	-0.46
7/13/2024 2:00	4.89	21.54	22.55	76463.45	111.17	31.49	-0.46
7/13/2024 3:00	4.90	19.57	17.04	58423.71	108.53	31.27	-0.47
7/13/2024 4:00	8.21	22.55	24.96	76547.14	123.56	30.30	-0.44
7/13/2024 5:00	5.08	21.86	23.60	80844.72	110.07	30.22	-0.46
7/13/2024 6:00	4.49	21.68	23.09	79149.53	109.99	30.29	-0.46
7/13/2024 7:00	5.05	21.64	22.56	81993.45	104.24	30.85	-0.47
7/13/2024 8:00	4.08	21.23	22.43	77517.25	109.07	32.44	-0.47
7/13/2024 9:00	4.65	22.06	23.49	81172.20	109.09	34.94	-0.47
7/13/2024 10:00	4.81	22.43	23.68	81665.59	109.33	37.04	-0.46
7/13/2024 11:00	5.09	22.74	23.81	81481.76	110.20	39.88	-0.46
7/13/2024 12:00	4.91	23.19	24.12	81639.10	111.41	42.20	-0.46

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/13/2024 13:00	5.50	23.20	24.16	82144.77	110.89	43.39	-0.46
7/13/2024 14:00	5.58	23.64	23.87	81183.42	110.80	44.09	-0.46
7/13/2024 15:00	5.83	23.72	23.77	80784.26	110.94	44.43	-0.46
7/13/2024 16:00	5.92	23.78	24.12	82420.72	110.42	43.72	-0.46
7/13/2024 17:00	6.14	23.42	23.97	82098.54	110.14	42.01	-0.46
7/13/2024 18:00	5.65	23.62	23.84	80563.41	111.63	41.19	-0.46
7/13/2024 19:00	6.37	22.61	21.84	76307.22	107.48	39.37	-0.46
7/13/2024 20:00	5.70	22.63	21.83	74044.27	110.88	37.46	-0.45
7/13/2024 21:00	5.48	22.65	22.01	75937.52	109.36	36.30	-0.45
7/13/2024 22:00	4.83	22.25	21.04	73420.55	108.08	35.50	-0.45
7/13/2024 23:00	4.60	21.74	20.82	71264.09	110.07	34.42	-0.45
7/14/2024	4.74	21.59	20.45	71713.41	107.58	33.44	-0.45
7/14/2024 1:00	4.34	21.45	20.42	71276.15	107.93	32.73	-0.46
7/14/2024 2:00	4.07	20.99	21.22	73160.64	109.36	32.12	-0.46
7/14/2024 3:00	4.59	21.45	21.55	75002.66	108.32	31.66	-0.46
7/14/2024 4:00	4.31	20.70	20.54	71529.75	108.26	31.53	-0.46
7/14/2024 5:00	4.02	21.23	21.86	75346.23	109.38	31.13	-0.46
7/14/2024 6:00	3.86	21.19	22.17	76640.38	109.06	30.99	-0.46
7/14/2024 7:00	4.06	21.49	22.16	76458.79	109.26	31.49	-0.46
7/14/2024 8:00	4.49	21.65	22.50	78694.77	107.79	33.07	-0.46
7/14/2024 9:00	3.78	22.63	23.61	81136.13	109.75	34.50	-0.45
7/14/2024 10:00	4.54	23.09	23.41	82060.05	107.56	34.79	-0.46
7/14/2024 11:00	4.71	23.26	23.35	80518.88	109.38	36.82	-0.46
7/14/2024 12:00	4.61	22.99	23.61	81949.38	108.67	40.01	-0.45
7/14/2024 13:00	5.15	23.46	24.20	82713.20	110.39	42.32	-0.45
7/14/2024 14:00	5.75	24.10	23.92	82404.29	109.53	43.72	-0.45
7/14/2024 15:00	5.46	23.41	22.11	76847.83	108.36	43.93	-0.45
7/14/2024 16:00	5.08	24.21	24.51	82841.85	111.63	42.04	-0.44
7/14/2024 17:00	5.25	23.40	23.98	81534.79	110.91	39.73	-0.44
7/14/2024 18:00	5.00	24.15	24.05	84269.78	107.68	39.04	-0.44

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/14/2024 19:00	16.76	23.65	21.99	77521.52	106.68	38.33	-0.44
7/14/2024 20:00	12.17	23.66	23.56	81775.30	108.70	37.20	-0.44
7/14/2024 21:00	4.95	23.42	23.94	83781.98	107.76	36.12	-0.44
7/14/2024 22:00	4.17	23.17	23.57	83226.82	106.85	35.16	-0.44
7/14/2024 23:00	4.03	22.87	23.20	81723.07	107.06	34.33	-0.44
7/15/2024	3.25	22.91	23.15	82007.34	106.49	33.62	-0.45
7/15/2024 1:00	3.51	22.85	23.67	82228.62	108.52	33.00	-0.45
7/15/2024 2:00	3.82	22.44	23.71	82872.95	107.88	32.49	-0.45
7/15/2024 3:00	3.51	22.62	23.40	81882.39	107.76	32.32	-0.45
7/15/2024 4:00	3.53	22.11	22.10	77662.92	107.34	32.27	-0.45
7/15/2024 5:00	3.20	22.39	22.84	80621.47	106.84	32.10	-0.45
7/15/2024 6:00	3.35	22.03	23.41	82666.90	106.82	31.37	-0.46
7/15/2024 7:00	2.92	22.59	23.06	83270.27	104.56	31.63	-0.46
7/15/2024 8:00	3.66	21.42	21.78	77531.08	105.99	30.04	-0.49
7/15/2024 9:00	2.80	20.99	21.82	75748.16	108.63	29.04	-0.46
7/15/2024 10:00	3.89	21.36	21.60	75456.15	107.96	29.37	-0.46
7/15/2024 11:00	3.42	21.14	20.90	73200.60	107.65	29.67	-0.47
7/15/2024 12:00	3.32	21.52	21.81	76267.50	107.87	30.39	-0.43
7/15/2024 13:00	4.07	21.60	22.58	78873.02	107.97	31.69	-0.45
7/15/2024 14:00	4.06	22.38	23.09	80638.71	108.07	36.23	-0.44
7/15/2024 15:00	4.47	23.08	23.87	81848.58	109.97	38.53	-0.47
7/15/2024 16:00	4.68	23.36	24.16	82065.68	110.70	38.80	-0.46
7/15/2024 17:00	4.90	23.24	23.97	79082.09	114.32	38.28	-0.46
7/15/2024 18:00	5.31	24.26	26.48	87265.40	114.48	38.08	-0.45
7/15/2024 19:00	5.68	21.28	17.92	60516.75	110.20	36.91	-0.46
7/15/2024 20:00	4.45	23.55	25.52	84416.38	114.05	35.52	-0.45
7/15/2024 21:00	5.44	23.61	25.24	83594.46	113.88	34.67	-0.45
7/15/2024 22:00	5.17	22.94	24.87	83272.88	112.62	34.32	-0.45
7/15/2024 23:00	5.51	23.10	24.51	82514.58	112.03	33.83	-0.45
7/16/2024	4.57	22.34	24.38	81308.63	113.06	33.39	-0.45

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/16/2024 1:00	4.67	22.89	24.37	81178.90	113.19	33.17	-0.45
7/16/2024 2:00	4.34	22.76	25.03	83263.70	113.39	33.10	-0.45
7/16/2024 3:00	4.89	22.81	24.59	82207.16	112.75	32.85	-0.45
7/16/2024 4:00	4.51	22.05	22.10	74828.93	111.31	32.42	-0.45
7/16/2024 5:00	4.66	22.40	25.07	83452.12	113.30	31.58	-0.46
7/16/2024 6:00	4.11	22.05	24.26	81128.60	112.82	30.43	-0.49
7/16/2024 7:00	4.04	21.25	23.42	83897.88	105.53	29.52	-0.50
7/16/2024 8:00	3.77	13.43	3.61	14000.50	96.03	29.17	-0.48
7/16/2024 9:00	3.87	12.43	2.72	10390.89	98.47	29.63	-0.45
7/16/2024 10:00	4.55	12.23	2.77	10025.92	104.10	33.45	-0.44
7/16/2024 11:00	4.46	11.33	2.57	9826.66	98.55	38.50	-0.45
7/16/2024 12:00	5.12	11.13	2.49	9346.33	100.19	41.14	-0.47
7/16/2024 13:00	4.70	11.24	2.52	9632.75	98.45	42.49	-0.47
7/16/2024 14:00	4.86	10.82	2.56	9687.35	99.52	41.45	-0.46
7/16/2024 15:00	5.42	10.45	2.55	9401.53	102.08	40.16	-0.46
7/16/2024 16:00	5.37	10.67	2.59	9617.52	101.64	40.32	-0.46
7/16/2024 17:00	4.74	11.02	2.80	10309.27	102.19	38.49	-0.46
7/16/2024 18:00	4.76	10.30	2.41	9105.04	99.68	38.88	-0.46
7/16/2024 19:00	4.33	10.17	2.43	9130.79	99.80	38.53	-0.46
7/16/2024 20:00	4.94	10.13	2.56	9477.19	101.67	37.37	-0.46
7/16/2024 21:00	4.70	9.46	2.33	8897.87	98.79	36.41	-0.48
7/16/2024 22:00	4.70	9.42	2.34	8833.85	99.66	34.71	-0.49
7/16/2024 23:00	4.45	9.31	2.35	8711.43	101.52	33.68	-0.49
7/17/2024	5.11	9.62	2.37	8842.95	101.14	32.56	-0.48
7/17/2024 1:00	4.50	9.23	2.33	8931.64	98.36	31.98	-0.49
7/17/2024 2:00	4.47	9.57	2.49	9305.04	100.75	31.26	-0.50
7/17/2024 3:00	4.72	9.80	2.67	9745.87	103.04	30.88	-0.50
7/17/2024 4:00	4.39	10.24	2.69	9961.79	101.50	30.93	-0.49
7/17/2024 5:00	4.21	10.47	3.00	11090.06	101.92	31.13	-0.49
7/17/2024 6:00	4.01	10.77	3.13	11355.45	103.07	30.70	-0.49

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/17/2024 7:00	4.68	12.22	4.13	16422.74	100.23	30.62	-0.49
7/17/2024 8:00					101.47	31.22	-0.50
7/17/2024 9:00					99.99	32.63	-0.49
7/17/2024 10:00					99.79	35.37	-0.49
7/17/2024 11:00					102.51	38.08	-0.49
7/17/2024 12:00	5.09		2.60	9859.96	99.46	40.24	-0.48
7/17/2024 13:00	5.44		2.58	9601.95	101.28	40.83	-0.48
7/17/2024 14:00					101.97	40.96	-0.48
7/17/2024 15:00					102.18	39.23	-0.50
7/17/2024 16:00					107.50	37.25	-0.51
7/17/2024 17:00	8.28	14.46	5.88	20661.19	110.51	34.59	-0.48
7/17/2024 18:00	5.63	13.29	4.14	15317.28	101.73	34.88	-0.50
7/17/2024 19:00	4.81	12.65	3.78	14069.69	101.16	33.09	-0.50
7/17/2024 20:00	5.37	12.37	3.54	13241.63	100.73	31.41	-0.50
7/17/2024 21:00	5.13	12.38	3.30	12355.06	100.67	30.56	-0.49
7/17/2024 22:00	4.73	12.15	3.31	12558.76	99.26	30.34	-0.49
7/17/2024 23:00	5.01	12.91	3.90	14817.66	99.17	29.86	-0.49
7/18/2024	13.54	13.00	3.88	14716.44	99.32	29.44	-0.50
7/18/2024 1:00	7.91	13.05	3.68	14013.46	99.00	28.76	-0.50
7/18/2024 2:00	4.55	12.61	3.60	13753.75	98.63	27.84	-0.50
7/18/2024 3:00	2.83	12.68	3.52	13442.89	98.65	27.13	-0.50
7/18/2024 4:00	3.35	12.38	3.27	12653.09	97.48	26.45	-0.50
7/18/2024 5:00	3.17	12.86	3.54	13484.83	98.95	25.81	-0.50
7/18/2024 6:00	3.16	12.98	3.40	13088.37	97.79	25.39	-0.50
7/18/2024 7:00	3.51	13.61	4.45	17253.75	98.07	25.48	-0.50
7/18/2024 8:00	2.99	12.86	3.20	12315.04	98.06	26.68	-0.50
7/18/2024 9:00	3.45	13.31	3.24	12563.44	97.11	28.15	-0.50
7/18/2024 10:00	3.16	12.85	3.31	12763.51	97.57	29.10	-0.50
7/18/2024 11:00	2.85	12.24	3.12	12430.87	94.71	30.00	-0.51
7/18/2024 12:00	3.86	12.84	3.26	12563.27	97.97	29.51	-0.51

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/18/2024 13:00	4.36	12.25	2.94	11238.34	98.57	31.63	-0.53
7/18/2024 14:00	4.67	11.71	2.98	11291.19	99.53	32.63	-0.53
7/18/2024 15:00	4.81	12.26	3.01	11463.07	98.73	32.97	-0.52
7/18/2024 16:00	4.41	12.13	2.94	11155.77	99.11	33.46	-0.52
7/18/2024 17:00	4.76	11.99	2.90	11053.15	98.63	32.16	-0.51
7/18/2024 18:00	4.37	11.51	2.82	10622.81	99.89	31.65	-0.51
7/18/2024 19:00	4.69	10.79	2.59	9672.27	100.60	30.73	-0.51
7/18/2024 20:00	4.65	10.20	2.09	7907.44	99.46	29.49	-0.49
7/18/2024 21:00	5.04	10.31	2.44	8552.52	106.89	28.78	-0.48
7/18/2024 22:00	5.50	11.16	3.11	11441.39	102.44	28.19	-0.47
7/18/2024 23:00	5.27	16.50	14.43	48389.11	111.44	27.83	-0.47
7/19/2024	5.25	21.14	27.64	92594.64	112.53	27.08	-0.47
7/19/2024 1:00	4.99	21.71	27.77	93959.41	111.42	26.73	-0.47
7/19/2024 2:00	4.75	22.20	28.22	95157.10	111.84	26.41	-0.47
7/19/2024 3:00	3.69	22.64	28.18	95387.02	111.40	25.92	-0.47
7/19/2024 4:00	4.58	21.66	25.62	87765.86	110.13	25.54	-0.47
7/19/2024 5:00	4.32	22.35	28.27	95763.47	111.27	25.19	-0.47
7/19/2024 6:00	3.77	22.19	28.55	96210.80	111.89	24.93	-0.47
7/19/2024 7:00	5.03	22.14	26.51	90119.02	110.95	25.49	-0.47
7/19/2024 8:00	4.18	22.94	28.87	98161.80	110.91	26.81	-0.47
7/19/2024 9:00	4.40	23.43	29.25	100217.57	110.01	28.67	-0.47
7/19/2024 10:00	4.68	24.03	29.29	99964.17	110.44	31.50	-0.47
7/19/2024 11:00	4.99	24.39	30.10	102014.84	111.24	35.62	-0.47
7/19/2024 12:00	4.90	24.84	29.93	101543.80	111.14	37.27	-0.47
7/19/2024 13:00	5.09	25.10	30.61	103076.11	111.96	37.02	-0.46
7/19/2024 14:00	5.64	25.40	30.69	102570.93	112.82	37.83	-0.46
7/19/2024 15:00	5.64	25.52	30.51	102131.34	112.61	38.53	-0.47
7/19/2024 16:00	5.76	25.93	30.98	103851.22	112.51	38.99	-0.47
7/19/2024 17:00	6.30	26.32	31.09	103198.30	113.60	37.07	-0.47
7/19/2024 18:00	5.89	26.09	31.18	102875.97	114.32	36.54	-0.46

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/19/2024 19:00	5.72	25.51	30.68	103164.72	112.12	35.51	-0.46
7/19/2024 20:00	5.43	24.24	26.54	89643.95	111.00	34.27	-0.46
7/19/2024 21:00	5.77	25.36	30.78	102462.45	113.28	33.04	-0.45
7/19/2024 22:00	5.40	24.94	30.06	100318.78	112.97	31.36	-0.45
7/19/2024 23:00	5.21	24.40	29.14	99165.67	110.78	30.19	-0.45
7/20/2024	4.30	24.16	30.19	101438.60	112.21	29.21	-0.46
7/20/2024 1:00	5.03	23.68	30.35	101733.05	112.48	28.27	-0.46
7/20/2024 2:00	4.67	23.61	29.93	101761.26	110.85	27.52	-0.46
7/20/2024 3:00	4.75	23.23	30.27	102962.03	110.82	26.95	-0.46
7/20/2024 4:00	3.94	23.98	30.48	103572.78	110.93	26.49	-0.46
7/20/2024 5:00	4.71	23.36	30.50	102669.20	112.00	25.97	-0.46
7/20/2024 6:00	3.99	23.71	30.77	104215.10	111.32	25.76	-0.47
7/20/2024 7:00	4.34	23.86	31.64	106318.84	112.25	26.40	-0.47
7/20/2024 8:00	4.23	24.32	30.61	104510.00	110.43	28.64	-0.47
7/20/2024 9:00	4.62	24.94	30.97	105672.42	110.46	31.52	-0.47
7/20/2024 10:00	4.83	25.16	31.81	108084.36	110.98	34.84	-0.46
7/20/2024 11:00	4.94	25.77	32.39	108717.55	112.33	38.01	-0.46
7/20/2024 12:00	4.93	26.23	32.14	107713.84	112.53	39.96	-0.46
7/20/2024 13:00	5.82	26.32	32.23	108288.63	112.24	40.68	-0.47
7/20/2024 14:00	6.12	26.76	32.20	108151.77	112.27	40.16	-0.46
7/20/2024 15:00	6.16	26.88	32.02	107294.27	112.53	40.03	-0.46
7/20/2024 16:00	6.26	26.79	32.03	107013.20	112.87	39.87	-0.45
7/20/2024 17:00	5.74	26.65	32.30	106967.14	113.87	39.11	-0.45
7/20/2024 18:00	6.27	26.73	31.79	105994.58	113.13	38.39	-0.45
7/20/2024 19:00	5.62	26.17	31.99	105895.30	113.88	36.72	-0.45
7/20/2024 20:00	5.60	25.83	30.57	102206.70	112.76	34.54	-0.45
7/20/2024 21:00	5.24	25.73	31.00	103223.21	113.20	32.89	-0.45
7/20/2024 22:00	4.84	25.55	30.33	101876.24	112.27	31.75	-0.45
7/20/2024 23:00	5.06	25.52	30.02	101226.15	111.82	30.86	-0.45
7/21/2024	4.91	25.08	30.06	101179.41	111.99	30.06	-0.45

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/21/2024 1:00	4.67	24.58	30.03	102069.99	110.90	29.69	-0.45
7/21/2024 2:00	4.32	24.77	30.14	102045.71	111.31	29.57	-0.45
7/21/2024 3:00	4.13	24.98	30.84	106505.58	109.17	29.50	-0.45
7/21/2024 4:00	3.85	25.01	31.25	107827.75	109.28	29.31	-0.44
7/21/2024 5:00	3.67	25.07	31.45	108280.55	109.56	29.09	-0.47
7/21/2024 6:00	2.99	24.96	31.24	108570.47	108.51	28.41	-0.47
7/21/2024 7:00	2.97	24.64	30.70	108011.82	107.15	28.25	-0.48
7/21/2024 8:00	2.84	24.94	30.88	107440.23	108.36	29.24	-0.47
7/21/2024 9:00	3.45	25.58	31.57	109342.13	108.86	31.26	-0.46
7/21/2024 10:00	3.08	25.88	32.48	112178.52	109.19	34.29	-0.46
7/21/2024 11:00	3.39	26.33	32.52	113163.52	108.37	37.14	-0.46
7/21/2024 12:00	3.10	26.58	32.64	112697.20	109.22	39.75	-0.46
7/21/2024 13:00	3.24	26.96	32.80	112278.42	110.19	41.13	-0.47
7/21/2024 14:00	4.14	26.99	33.34	113731.49	110.54	41.04	-0.47
7/21/2024 15:00	3.62	27.11	32.85	112353.27	110.24	37.85	-0.47
7/21/2024 16:00	3.79	27.22	31.91	112964.99	106.56	37.19	-0.47
7/21/2024 17:00	4.38	26.59	30.93	105812.48	110.24	36.23	-0.47
7/21/2024 18:00	4.32	25.41	30.28	103285.10	110.51	34.77	-0.48
7/21/2024 19:00	4.36	25.45	29.40	101080.91	109.73	33.18	-0.48
7/21/2024 20:00	4.23	25.46	29.80	101252.21	110.97	31.61	-0.47
7/21/2024 21:00	4.31	25.60	30.26	102270.05	111.56	30.77	-0.47
7/21/2024 22:00	4.17	24.82	30.20	101920.95	111.70	30.33	-0.48
7/21/2024 23:00	4.18	25.05	30.15	102672.43	110.71	30.04	-0.47
7/22/2024	4.34	24.83	30.07	102427.85	110.68	29.65	-0.48
7/22/2024 1:00	5.05	24.79	30.37	101513.23	112.82	29.08	-0.48
7/22/2024 2:00	5.01	24.99	30.59	103641.13	111.29	28.77	-0.47
7/22/2024 3:00	4.33	24.68	30.76	103369.71	112.22	29.08	-0.46
7/22/2024 4:00	4.39	24.82	30.18	102171.28	111.38	29.38	-0.46
7/22/2024 5:00	4.86	24.56	30.32	102424.00	111.62	29.33	-0.46
7/22/2024 6:00	4.22	24.70	30.90	103040.68	113.10	29.33	-0.45

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/22/2024 7:00	4.54	24.60	31.01	104750.59	111.69	29.57	-0.46
7/22/2024 8:00	4.37	24.55	30.22	102580.55	111.07	30.67	-0.46
7/22/2024 9:00	4.71	25.01	31.03	104529.83	111.88	32.70	-0.46
7/22/2024 10:00	4.84	25.45	31.71	106457.74	112.33	35.78	-0.47
7/22/2024 11:00	4.93	25.99	32.40	108552.17	112.53	37.78	-0.47
7/22/2024 12:00	5.91	26.61	33.10	110163.24	113.27	39.68	-0.47
7/22/2024 13:00	5.41	27.00	33.21	110630.96	113.20	39.91	-0.48
7/22/2024 14:00	5.21	27.01	33.38	111769.80	112.61	39.06	-0.48
7/22/2024 15:00	5.35	27.19	33.37	111521.51	112.83	38.00	-0.48
7/22/2024 16:00	5.14	26.82	32.02	108364.91	111.43	36.74	-0.48
7/22/2024 17:00	5.69	26.17	31.64	106312.41	112.20	35.32	-0.46
7/22/2024 18:00	5.27	25.97	31.62	105393.65	113.11	34.67	-0.45
7/22/2024 19:00	5.47	25.56	30.64	103996.97	111.10	34.36	-0.46
7/22/2024 20:00	5.44	25.23	30.87	103989.92	111.88	33.71	-0.46
7/22/2024 21:00	4.17	25.26	32.26	107371.55	113.30	32.54	-0.45
7/22/2024 22:00	4.91	25.06	32.38	108242.92	112.82	32.04	-0.46
7/22/2024 23:00	4.60	24.89	32.18	107999.13	112.29	31.62	-0.46
7/23/2024	4.31	24.82	32.16	107993.34	112.32	30.91	-0.46
7/23/2024 1:00	4.61	24.97	32.64	109056.82	112.86	30.40	-0.46
7/23/2024 2:00	4.33	24.94	33.14	109835.74	113.79	30.16	-0.46
7/23/2024 3:00	4.63	25.05	32.74	109905.27	112.33	30.00	-0.46
7/23/2024 4:00	4.69	22.64	24.41	84384.59	108.57	29.82	-0.47
7/23/2024 5:00	4.11	24.95	33.10	110960.70	112.47	29.74	-0.46
7/23/2024 6:00	4.39	24.53	32.35	108248.35	112.68	29.26	-0.46
7/23/2024 7:00	4.62	24.77	33.16	111260.79	112.30	29.09	-0.46
7/23/2024 8:00	4.14	24.92	32.18	109416.05	110.89	30.01	-0.46
7/23/2024 9:00	4.69	25.76	33.10	111876.11	111.58	31.95	-0.46
7/23/2024 10:00	4.75	25.83	33.65	113274.60	112.02	34.80	-0.46
7/23/2024 11:00	4.62	26.57	33.52	112788.95	112.06	38.09	-0.46
7/23/2024 12:00	5.71	27.17	34.00	113050.50	113.38	39.59	-0.46

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/23/2024 13:00	5.50	26.94	33.40	111616.36	112.89	41.42	-0.45
7/23/2024 14:00	5.24	27.43	33.78	111743.37	114.01	42.62	-0.45
7/23/2024 15:00	5.96	27.91	33.75	111904.20	113.76	42.69	-0.45
7/23/2024 16:00	6.29	27.28	33.49	110883.76	113.86	40.54	-0.45
7/23/2024 17:00	6.21	27.14	33.27	109285.66	114.81	38.81	-0.45
7/23/2024 18:00	5.77	26.75	32.64	107375.26	114.62	39.13	-0.45
7/23/2024 19:00	5.80	26.04	32.08	107485.55	112.53	37.98	-0.45
7/23/2024 20:00	5.74	26.09	32.44	107052.68	114.25	36.03	-0.45
7/23/2024 21:00	4.87	25.94	32.11	105997.01	114.19	34.25	-0.45
7/23/2024 22:00	4.33	25.15	31.37	105289.96	112.32	33.18	-0.46
7/23/2024 23:00	4.74	24.65	32.05	106485.36	113.41	30.68	-0.46
7/24/2024	4.30	24.94	31.62	106309.55	112.10	30.18	-0.46
7/24/2024 1:00	4.26	24.54	31.87	106153.41	113.19	29.97	-0.46
7/24/2024 2:00	4.19	24.79	32.22	108316.90	112.13	29.89	-0.46
7/24/2024 3:00	4.35	25.01	33.32	110630.01	113.54	29.59	-0.46
7/24/2024 4:00	4.28	24.93	33.47	111062.16	113.61	29.50	-0.46
7/24/2024 5:00	4.25	25.11	33.97	112799.41	113.57	29.38	-0.46
7/24/2024 6:00	4.41	25.59	33.99	113049.35	113.36	29.35	-0.46
7/24/2024 7:00	3.95	25.36	34.22	114280.55	112.13	29.29	-0.45
7/24/2024 8:00					112.56	29.55	-0.45
7/24/2024 9:00					111.45	30.03	-0.45
7/24/2024 10:00					108.80	31.13	-0.45
7/24/2024 11:00					110.58	31.09	-0.45
7/24/2024 12:00					110.30	31.40	-0.45
7/24/2024 13:00					110.36	35.04	-0.45
7/24/2024 14:00	3.69	26.47	37.47	127376.88	110.99	37.70	-0.46
7/24/2024 15:00	3.17	26.22	36.93	125804.98	110.72	36.36	-0.47
7/24/2024 16:00	2.91	25.61	35.32	123200.01	108.15	34.77	-0.48
7/24/2024 17:00	3.65	25.77	35.92	122077.55	110.96	33.20	-0.47
7/24/2024 18:00	3.29	25.74	35.65	122063.26	110.14	33.64	-0.47

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/24/2024 19:00	3.48	25.50	35.55	121281.05	110.52	33.07	-0.47
7/24/2024 20:00	2.59	25.68	35.48	128069.38	105.08	32.06	-0.47
7/24/2024 21:00	3.33	25.97	36.20	126674.60	107.82	31.41	-0.47
7/24/2024 22:00	3.48	25.86	35.20	119602.39	111.00	30.84	-0.46
7/24/2024 23:00	3.96	25.34	33.94	116023.05	110.34	30.98	-0.46
7/25/2024	3.82	25.28	34.54	116373.46	111.92	30.50	-0.47
7/25/2024 1:00	3.70	24.82	35.05	117638.95	112.35	29.54	-0.48
7/25/2024 2:00	4.04	24.65	35.43	118172.48	113.05	28.60	-0.48
7/25/2024 3:00	4.09	24.82	35.31	118016.38	112.84	27.92	-0.48
7/25/2024 4:00	3.76	24.52	35.08	117790.48	112.31	27.46	-0.47
7/25/2024 5:00	4.01	24.20	34.92	117679.78	111.92	27.21	-0.47
7/25/2024 6:00	3.10	23.99	35.52	118549.27	112.97	27.04	-0.48
7/25/2024 7:00	4.23	23.67	32.78	111533.66	110.72	27.45	-0.49
7/25/2024 8:00	4.15	24.66	35.14	119200.59	111.15	27.99	-0.49
7/25/2024 9:00	3.92	24.62	35.79	121239.72	111.32	29.45	-0.48
7/25/2024 10:00	4.16	25.33	36.20	121465.34	112.38	33.76	-0.48
7/25/2024 11:00	4.01	25.94	35.71	121263.67	111.07	37.10	-0.49
7/25/2024 12:00	4.27	25.54	35.67	121101.61	111.06	37.39	-0.49
7/25/2024 13:00	4.83	25.87	35.73	121231.77	111.15	38.36	-0.49
7/25/2024 14:00	4.43	26.31	35.78	121329.91	111.19	38.46	-0.49
7/25/2024 15:00	4.53	26.84	36.00	121589.99	111.65	37.79	-0.49
7/25/2024 16:00	3.64	26.38	34.57	118178.38	110.33	37.42	-0.49
7/25/2024 17:00	3.68	25.90	33.16	112708.17	110.95	36.08	-0.49
7/25/2024 18:00	4.35	25.56	31.70	108294.91	110.35	35.49	-0.49
7/25/2024 19:00	4.06	25.06	29.69	102123.77	109.58	33.88	-0.49
7/25/2024 20:00	4.18	24.79	29.51	101512.98	109.62	32.10	-0.48
7/25/2024 21:00	4.31	24.39	30.56	104218.01	110.56	31.26	-0.46
7/25/2024 22:00	3.91	24.50	31.91	109051.11	110.35	31.07	-0.46
7/25/2024 23:00	3.71	24.86	33.42	112135.61	112.36	30.95	-0.46
7/26/2024	3.53	24.40	34.22	115814.34	111.37	30.64	-0.46

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/26/2024 1:00	3.76	24.81	35.53	118807.79	112.76	30.29	-0.46
7/26/2024 2:00	3.16	24.47	35.31	119487.43	111.40	29.84	-0.46
7/26/2024 3:00	3.70	24.44	35.74	119710.12	112.56	29.16	-0.46
7/26/2024 4:00	3.46	24.54	35.66	120384.95	111.70	28.69	-0.46
7/26/2024 5:00	3.54	24.21	35.92	120119.47	112.73	28.08	-0.46
7/26/2024 6:00	3.45	23.86	35.76	119318.08	112.97	27.88	-0.46
7/26/2024 7:00	3.81	23.41	31.01	106494.95	109.47	28.32	-0.47
7/26/2024 8:00	3.71	24.41	34.39	117605.53	110.26	29.80	-0.47
7/26/2024 9:00	4.11	24.99	35.77	121904.27	110.76	32.22	-0.48
7/26/2024 10:00					111.02	34.96	-0.48
7/26/2024 11:00	4.14	25.71	33.94	115783.94	110.72	38.48	-0.47
7/26/2024 12:00	4.05	25.62	33.66	114822.81	110.68	41.22	-0.47
7/26/2024 13:00	4.62	26.49	35.41	119724.46	111.56	41.98	-0.48
7/26/2024 14:00	4.03	26.02	32.44	111684.92	109.51	40.90	-0.49
7/26/2024 15:00	4.59	25.06	28.86	100620.20	108.09	40.43	-0.48
7/26/2024 16:00	3.93	24.31	24.66	86745.98	107.15	39.73	-0.50
7/26/2024 17:00	4.22	24.22	23.33	81939.65	107.35	38.20	-0.49
7/26/2024 18:00	4.44	24.83	25.85	90169.60	108.11	36.56	-0.49
7/26/2024 19:00	4.22	25.16	29.64	101270.38	110.33	35.42	-0.46
7/26/2024 20:00	4.28	25.19	30.64	104664.76	110.39	34.45	-0.46
7/26/2024 21:00	4.12	24.98	32.69	110434.65	111.60	33.36	-0.46
7/26/2024 22:00	3.65	25.07	32.98	112306.52	110.73	32.36	-0.46
7/26/2024 23:00	4.15	24.95	32.50	111712.83	109.71	31.66	-0.46
7/27/2024	3.12	24.47	32.01	109095.52	110.62	31.17	-0.46
7/27/2024 1:00	3.76	24.04	30.80	106711.88	108.80	30.68	-0.47
7/27/2024 2:00	3.33	23.70	30.71	105581.53	109.64	30.00	-0.46
7/27/2024 3:00	3.65	24.16	31.38	107529.47	110.05	29.45	-0.46
7/27/2024 4:00	3.65	24.26	32.20	109174.22	111.17	28.94	-0.46
7/27/2024 5:00	3.55	24.21	32.52	110501.13	110.98	28.61	-0.46
7/27/2024 6:00	3.33	23.58	32.77	112114.50	110.17	28.28	-0.47

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/27/2024 7:00	3.69	23.68	32.37	111687.15	109.31	28.67	-0.47
7/27/2024 8:00	3.53	24.20	32.06	111329.21	108.57	30.24	-0.47
7/27/2024 9:00	4.12	24.61	32.84	111507.07	111.05	32.84	-0.47
7/27/2024 10:00	4.28	25.67	32.82	112950.50	109.55	36.35	-0.47
7/27/2024 11:00	4.46	26.07	33.00	112430.62	110.66	40.48	-0.47
7/27/2024 12:00	4.09	25.97	32.44	112477.05	108.79	43.07	-0.46
7/27/2024 13:00	3.74	26.95	32.69	114617.42	107.56	44.19	-0.46
7/27/2024 14:00	4.95	26.99	32.72	113403.52	108.77	44.85	-0.45
7/27/2024 15:00	4.60	26.90	32.28	113377.48	107.34	45.03	-0.46
7/27/2024 16:00	3.94	26.48	33.35	115014.92	109.32	44.29	-0.46
7/27/2024 17:00	3.53	26.50	33.09	112615.73	110.82	42.81	-0.45
7/27/2024 18:00	4.22	26.45	32.22	111220.07	109.23	41.36	-0.45
7/27/2024 19:00	3.49	26.01	31.66	109410.27	109.02	39.51	-0.46
7/27/2024 20:00	3.91	26.09	32.18	111695.27	108.67	37.69	-0.44
7/27/2024 21:00	3.45	25.99	31.75	110201.48	108.64	36.57	-0.44
7/27/2024 22:00	2.82	25.59	31.22	109506.23	107.49	35.21	-0.44
7/27/2024 23:00	3.03	24.96	30.25	106734.72	106.67	33.90	-0.45
7/28/2024	3.61	24.73	30.94	109058.92	107.02	32.81	-0.45
7/28/2024 1:00	2.78	24.77	31.32	111235.02	106.22	32.07	-0.45
7/28/2024 2:00	3.17	25.02	31.87	114357.03	105.16	31.68	-0.44
7/28/2024 3:00	4.02	24.65	30.98	108545.48	107.63	30.92	-0.45
7/28/2024 4:00	3.56	23.39	26.28	92371.70	106.77	30.49	-0.46
7/28/2024 5:00	4.06	23.46	30.66	104724.73	110.42	30.00	-0.46
7/28/2024 6:00	3.42	23.90	31.54	108423.02	109.67	29.70	-0.45
7/28/2024 7:00	3.70	23.34	26.58	93401.43	106.85	29.99	-0.46
7/28/2024 8:00	3.54	24.85	31.48	107774.71	110.13	31.34	-0.46
7/28/2024 9:00	3.69	24.60	32.29	111372.84	109.34	33.38	-0.46
7/28/2024 10:00	4.16	25.70	32.47	111512.23	109.75	36.80	-0.46
7/28/2024 11:00	4.42	26.33	33.71	113856.76	111.62	40.68	-0.45
7/28/2024 12:00	4.83	26.58	34.09	115839.98	110.98	42.63	-0.45

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/28/2024 13:00	5.07	26.99	33.30	113208.98	110.88	43.50	-0.45
7/28/2024 14:00	5.64	26.75	32.56	110761.25	110.86	43.74	-0.45
7/28/2024 15:00	5.82	26.81	32.32	109244.48	111.58	43.91	-0.45
7/28/2024 16:00	5.59	26.44	32.50	108008.96	113.51	43.66	-0.44
7/28/2024 17:00	6.74	26.70	33.23	104781.05	119.73	42.23	-0.43
7/28/2024 18:00	8.52	27.83	37.94	117928.10	121.42	40.52	-0.43
7/28/2024 19:00	8.36	28.21	38.60	124762.21	115.88	38.43	-0.22
7/28/2024 20:00	5.58	26.61	32.57	109985.55	111.64	37.27	-0.38
7/28/2024 21:00	5.24	25.71	31.50	107133.48	110.84	36.23	-0.44
7/28/2024 22:00	5.45	25.51	31.71	108497.11	110.18	35.38	-0.44
7/28/2024 23:00	4.62	25.86	32.62	111145.90	110.65	34.55	-0.44
7/29/2024	4.93	25.48	33.31	111596.05	112.52	33.73	-0.44
7/29/2024 1:00	4.86	25.66	33.65	113282.30	111.99	33.13	-0.45
7/29/2024 2:00	4.83	25.57	33.77	113987.09	111.70	32.41	-0.44
7/29/2024 3:00	4.48	25.08	33.32	112557.60	111.60	32.04	-0.45
7/29/2024 4:00	4.35	24.67	31.26	107182.97	110.10	31.88	-0.45
7/29/2024 5:00	4.41	25.21	33.70	113563.57	111.88	31.59	-0.45
7/29/2024 6:00	4.05	25.20	32.34	111301.48	109.14	31.20	-0.45
7/29/2024 7:00	4.88	24.15	28.71	98258.59	109.60	31.49	-0.46
7/29/2024 8:00	4.15	25.14	33.52	113250.15	111.60	32.92	-0.45
7/29/2024 9:00	4.97	25.99	33.97	112970.92	113.42	34.88	-0.45
7/29/2024 10:00	5.30	25.98	35.45	116753.14	114.86	35.29	-0.44
7/29/2024 11:00	5.29	26.42	34.59	117294.39	111.23	35.60	-0.45
7/29/2024 12:00	4.90	26.44	34.28	115720.00	111.68	36.94	-0.45
7/29/2024 13:00	5.58	26.71	34.07	115040.58	111.68	37.50	-0.46
7/29/2024 14:00	5.39	26.84	33.97	114588.75	111.79	38.60	-0.45
7/29/2024 15:00	5.19	26.70	33.18	111725.62	112.02	41.62	-0.45
7/29/2024 16:00	5.56	25.98	32.20	108708.82	111.69	39.45	-0.45
7/29/2024 17:00	4.64	25.94	32.18	108326.73	112.04	37.57	-0.45
7/29/2024 18:00	4.85	24.20	23.86	82125.11	108.51	38.17	-0.45

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/29/2024 19:00	5.02	25.74	32.00	107464.51	112.25	37.23	-0.45
7/29/2024 20:00	5.09	26.05	32.99	110150.80	112.90	36.42	-0.44
7/29/2024 21:00	5.03	25.76	32.60	108546.37	113.23	35.22	-0.45
7/29/2024 22:00	4.26	25.48	32.25	107866.51	112.73	34.28	-0.45
7/29/2024 23:00	4.32	25.28	32.17	106904.98	113.46	33.55	-0.45
7/30/2024	4.87	25.45	31.36	106082.37	111.46	33.03	-0.45
7/30/2024 1:00	4.21	25.20	31.91	106894.57	112.55	32.75	-0.45
7/30/2024 2:00	4.33	25.08	32.18	108076.95	112.29	32.60	-0.45
7/30/2024 3:00	4.19	25.03	32.25	108196.13	112.37	32.31	-0.45
7/30/2024 4:00	4.55	25.05	32.30	107887.36	112.88	32.30	-0.45
7/30/2024 5:00	4.19	25.05	31.64	106616.46	111.88	31.98	-0.45
7/30/2024 6:00	4.08	25.08	32.28	107507.18	113.20	31.17	-0.43
7/30/2024 7:00	4.49	25.13	31.24	105709.41	111.41	31.25	-0.45
7/30/2024 8:00	4.25	25.23	31.86	107005.43	112.24	32.07	-0.45
7/30/2024 9:00	4.76	25.41	32.03	106400.46	113.53	33.01	-0.45
7/30/2024 10:00	4.78	25.65	32.35	109111.98	111.79	35.02	-0.46
7/30/2024 11:00	4.73	25.97	32.26	109710.84	110.89	37.57	-0.45
7/30/2024 12:00	4.60	26.18	32.66	109739.93	112.23	36.78	-0.45
7/30/2024 13:00	4.65	25.96	32.78	109871.12	112.49	35.72	-0.45
7/30/2024 14:00	4.89	26.09	32.36	107840.52	113.16	35.17	-0.45
7/30/2024 15:00	4.02	25.87	31.91	106520.65	112.89	35.64	-0.45
7/30/2024 16:00	4.62	24.95	28.48	97013.05	110.52	33.86	-0.44
7/30/2024 17:00	3.63	25.53	31.77	109697.63	109.26	33.39	-0.46
7/30/2024 18:00	3.41	25.71	32.31	110842.23	109.91	32.33	-0.45
7/30/2024 19:00	4.38	26.42	34.06	115848.09	110.81	32.75	-0.42
7/30/2024 20:00	3.06	24.64	27.13	93673.27	108.19	33.17	-0.46
7/30/2024 21:00	2.90	25.84	32.45	111091.97	110.13	33.04	-0.45
7/30/2024 22:00	3.17	25.81	32.84	111841.55	110.71	32.77	-0.45
7/30/2024 23:00	2.64	25.71	32.29	111502.23	109.18	32.77	-0.44
7/31/2024	3.39	25.37	31.97	110873.57	108.73	33.05	-0.44

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/31/2024 1:00	3.00	25.67	31.75	109802.74	109.03	33.19	-0.46
7/31/2024 2:00	3.12	25.08	32.11	111166.09	108.92	32.73	-0.46
7/31/2024 3:00	2.82	24.98	32.38	111463.36	109.55	32.02	-0.46
7/31/2024 4:00	4.73	25.88	35.71	114656.65	118.77	31.14	-0.45
7/31/2024 5:00	3.80	25.30	33.62	117445.76	107.96	30.97	-0.46
7/31/2024 6:00	2.82	25.15	31.93	111699.21	107.62	31.19	-0.45
7/31/2024 7:00				111280.30 S	105.89	32.17	-0.45
7/31/2024 8:00					109.12	33.28	-0.45
7/31/2024 9:00					176.90	34.18	-0.34
7/31/2024 10:00					110.13	36.31	-0.45
7/31/2024 11:00					112.03	39.78	-0.45
7/31/2024 12:00					112.40	42.73	-0.45
7/31/2024 13:00	6.46	25.77	33.18	110709.26	113.03	44.10	-0.45
7/31/2024 14:00	5.85	25.44	30.35	103369.02	111.09	43.66	-0.45
7/31/2024 15:00	6.49	25.84	31.93	106561.72	112.76	43.63	-0.45
7/31/2024 16:00	6.51	26.67	32.51	107805.02	113.68	42.22	-0.44
7/31/2024 17:00	6.33	26.53	32.23	107988.53	112.54	41.75	-0.45
7/31/2024 18:00	6.65	26.30	32.12	107149.88	112.99	40.53	-0.44
7/31/2024 19:00	6.82	26.12	31.80	106422.52	112.65	39.27	-0.44
7/31/2024 20:00	6.11	25.97	31.26	104437.80	112.82	37.71	-0.45
7/31/2024 21:00	5.82	25.63	30.56	102442.55	112.41	36.47	-0.45
7/31/2024 22:00	5.55	25.26	30.18	101231.66	112.40	35.93	-0.45
7/31/2024 23:00	5.27	24.79	29.89	100665.34	111.93	35.63	-0.45
8/1/2024	5.13	24.75	30.47	102495.16	112.09	35.09	-0.45
8/1/2024 1:00	4.86	24.97	30.61	102813.49	112.26	34.54	-0.45
8/1/2024 2:00	4.94	24.50	30.35	102699.88	111.40	33.91	-0.45
8/1/2024 3:00	4.94	24.66	30.37	103304.02	110.86	33.78	-0.45
8/1/2024 4:00	4.64	24.33	30.08	103635.63	109.43	33.34	-0.47
8/1/2024 5:00	4.76	24.25	30.01	103129.65	109.70	32.67	-0.47
8/1/2024 6:00	4.38	21.78	22.34	79025.88	103.55	32.48	-0.47

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/1/2024 7:00	4.91	12.43	2.07	7979.48	97.47	32.99	-0.50
8/1/2024 8:00	4.27	11.39	2.56	9857.92	97.57	34.11	-0.48
8/1/2024 9:00	3.93	10.30	2.21	8555.05	97.26	35.73	-0.48
8/1/2024 10:00					97.02	38.26	-0.48
8/1/2024 11:00					97.93	41.09	-0.47
8/1/2024 12:00	3.83	9.54	2.12	8213.54	97.40	42.77	-0.47
8/1/2024 13:00							
8/1/2024 14:00					96.53	45.21	-0.47
8/1/2024 15:00	4.18	9.60	2.21	8362.63	99.38	44.26	-0.47
8/1/2024 16:00	4.17	9.50	2.19	8238.76	99.89	43.75	-0.47
8/1/2024 17:00	4.90	9.37	2.10	7931.65	99.42	43.33	-0.48
8/1/2024 18:00	4.73	9.28	2.08	7909.86	99.07	42.95	-0.47
8/1/2024 19:00	5.03	9.84	2.79	10485.41	100.52	41.68	-0.46
8/1/2024 20:00	4.64	8.39	1.99	7468.13	100.41	39.74	-0.47
8/1/2024 21:00	4.26	8.07	1.95	7339.37	99.77	38.43	-0.47
8/1/2024 22:00	4.47	8.45	2.03	7573.32	100.84	37.72	-0.47
8/1/2024 23:00	4.19	8.44	2.03	7555.80	100.94	37.18	-0.47
8/2/2024	4.30	8.15	2.07	7759.50	100.53	36.89	-0.47
8/2/2024 1:00	4.94	7.99	2.11	7963.78	99.84	36.49	-0.47
8/2/2024 2:00	4.26	7.69	2.05	7715.47	100.10	35.67	-0.47
8/2/2024 3:00	4.69	8.01	1.88	7107.12	99.48	33.50	-0.49
8/2/2024 4:00	3.98	7.51	1.70	6580.24	97.21	32.50	-0.48
8/2/2024 5:00	4.01	7.99	2.20	8266.16	100.20	31.21	-0.47
8/2/2024 6:00	4.32	8.42	3.00	11240.98	99.85	31.15	-0.46
8/2/2024 7:00	3.84	8.74	2.40	8912.53	101.26	31.20	-0.48
8/2/2024 8:00	3.77	8.50	2.30	8657.29	100.02	31.63	-0.48
8/2/2024 9:00	4.28	8.02	2.13	7941.35	100.73	32.80	-0.48
8/2/2024 10:00	4.32	7.88	2.10	7918.55	99.64	34.19	-0.48
8/2/2024 11:00	4.27	7.79	2.13	7969.39	100.59	35.38	-0.49
8/2/2024 12:00	4.33	8.02	2.07	7844.56	99.16	35.93	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/2/2024 13:00	3.82	7.67	1.70	6440.76	99.33	34.38	-0.48
8/2/2024 14:00	3.85	8.06	2.12	7910.23	100.59	32.92	-0.48
8/2/2024 15:00	5.09	8.04	2.22	7895.35	105.86	33.88	-0.47
8/2/2024 16:00	5.45	8.03	2.02	7266.40	104.36	36.29	-0.47
8/2/2024 17:00	6.56	9.73	3.07	10262.45	112.44	37.31	-0.47
8/2/2024 18:00	11.37	12.46	3.83	11496.87	125.41	35.56	-0.43
8/2/2024 19:00	7.47	11.45	3.46	12287.17	104.42	34.62	-0.46
8/2/2024 20:00	4.55	9.59	2.32	8583.48	101.48	34.67	-0.48
8/2/2024 21:00	5.00	8.81	2.17	8059.28	101.11	33.97	-0.48
8/2/2024 22:00	4.89	8.94	2.14	8082.70	99.69	33.55	-0.48
8/2/2024 23:00	4.02	9.24	2.17	8239.18	98.89	33.47	-0.48
8/3/2024	3.69	8.98	2.20	8368.44	98.83	33.30	-0.47
8/3/2024 1:00	3.34	8.21	1.74	6875.78	95.53	33.62	-0.48
8/3/2024 2:00	2.99	8.68	2.24	8506.47	99.11	33.59	-0.47
8/3/2024 3:00	2.91	8.41	2.24	8420.60	100.17	33.28	-0.48
8/3/2024 4:00	3.09	8.03	2.25	8541.95	99.28	33.18	-0.46
8/3/2024 5:00	2.58	8.70	2.14	8087.45	99.59	33.22	-0.48
8/3/2024 6:00	2.37	8.62	2.15	8148.53	99.28	32.45	-0.47
8/3/2024 7:00	2.48	8.75	2.15	8165.02	99.26	32.25	-0.48
8/3/2024 8:00	2.96	8.53	2.12	8019.08	99.53	32.14	-0.47
8/3/2024 9:00	2.68	8.35	2.10	7921.10	99.58	32.97	-0.48
8/3/2024 10:00	3.27	8.05	2.36	8966.63	99.25	35.87	-0.49
8/3/2024 11:00	2.66	8.65	2.47	9700.72	96.07	38.16	-0.48
8/3/2024 12:00	4.46	9.74	2.37	9123.86	98.08	41.22	-0.48
8/3/2024 13:00	5.23	9.32	1.99	7578.63	98.82	42.16	-0.49
8/3/2024 14:00	5.48	10.21	2.36	8948.91	99.31	42.37	-0.49
8/3/2024 15:00	5.50	11.17	2.29	8770.46	98.24	43.18	-0.49
8/3/2024 16:00	5.52	11.66	2.09	7893.26	99.29	43.14	-0.49
8/3/2024 17:00	6.04	11.58	2.21	8409.59	98.74	41.95	-0.49
8/3/2024 18:00	5.39	11.87	2.59	9564.25	101.20	39.43	-0.49

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/3/2024 19:00	5.92	12.90	2.84	10897.52	99.63	36.72	-0.50
8/3/2024 20:00	5.01	12.04	2.34	8708.41	101.16	35.09	-0.48
8/3/2024 21:00	4.98	11.04	2.31	8541.17	101.49	34.21	-0.49
8/3/2024 22:00	4.98	10.57	2.10	8023.66	97.89	33.57	-0.49
8/3/2024 23:00	5.10	9.62	1.90	6980.19	102.34	32.92	-0.49
8/4/2024	4.56	9.07	2.07	7737.76	100.62	32.31	-0.48
8/4/2024 1:00	4.57	9.29	2.08	7759.50	100.99	32.06	-0.47
8/4/2024 2:00	4.28	8.72	2.06	7722.50	100.19	31.65	-0.50
8/4/2024 3:00	4.79	8.75	2.05	7759.44	99.42	31.08	-0.49
8/4/2024 4:00	4.66	8.59	2.00	7487.20	100.49	30.81	-0.48
8/4/2024 5:00	4.44	8.92	2.02	7656.84	99.45	30.77	-0.47
8/4/2024 6:00	4.76	8.42	2.11	7911.96	100.46	30.71	-0.48
8/4/2024 7:00	6.44	9.46	2.31	7990.96	112.11	29.83	-0.46
8/4/2024 8:00	5.79	8.71	2.23	8444.41	99.37	31.68	-0.49
8/4/2024 9:00	5.49	8.80	2.27	8641.89	98.81	34.06	-0.49
8/4/2024 10:00	5.64	8.74	2.31	8724.94	99.50	37.34	-0.48
8/4/2024 11:00	5.77	8.91	2.36	8920.17	99.44	39.38	-0.47
8/4/2024 12:00	5.64	9.12	2.38	9017.53	99.12	40.83	-0.47
8/4/2024 13:00	5.90	9.44	2.66	10014.78	99.93	42.15	-0.47
8/4/2024 14:00	5.86	9.39	2.67	9987.98	100.44	41.52	-0.47
8/4/2024 15:00	6.45	9.76	2.32	8747.69	99.70	40.85	-0.47
8/4/2024 16:00	6.31	8.97	1.89	7179.89	99.18	41.69	-0.47
8/4/2024 17:00	6.38	10.18	2.35	8813.99	100.13	41.61	-0.46
8/4/2024 18:00	6.08	9.90	2.31	8714.20	99.89	40.11	-0.46
8/4/2024 19:00	6.02	10.48	2.78	10399.41	100.64	38.61	-0.46
8/4/2024 20:00	5.98	10.37	2.56	9559.17	100.79	37.47	-0.46
8/4/2024 21:00	5.83	9.74	1.99	7418.78	100.78	36.56	-0.46
8/4/2024 22:00	5.28	9.89	2.42	9060.63	100.61	35.67	-0.46
8/4/2024 23:00	5.78	9.56	2.22	8282.02	100.85	34.97	-0.47
8/5/2024	5.91	9.51	1.79	6861.42	98.39	34.26	-0.47

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/5/2024 1:00	5.71	9.29	2.16	8109.51	100.35	33.55	-0.47
8/5/2024 2:00	5.63	9.07	2.20	8280.61	99.97	33.01	-0.47
8/5/2024 3:00	5.07	9.18	2.10	7941.27	99.66	32.30	-0.47
8/5/2024 4:00	5.17	8.71	2.11	7955.28	99.56	31.60	-0.47
8/5/2024 5:00	4.77	9.49	4.15	14518.36	102.46	31.59	-0.47
8/5/2024 6:00	5.30	19.47	23.13	80294.52	108.59	31.18	-0.46
8/5/2024 7:00	5.45	20.51	23.63	81316.71	109.52	31.40	-0.45
8/5/2024 8:00	5.07	21.16	23.38	80769.55	109.14	31.93	-0.46
8/5/2024 9:00	5.45	21.56	23.30	80696.24	108.87	32.96	-0.47
8/5/2024 10:00	5.82	21.98	23.04	80058.09	108.51	34.61	-0.47
8/5/2024 11:00	5.79	21.89	23.16	80059.09	109.06	35.62	-0.47
8/5/2024 12:00	5.55	21.64	19.80	68962.23	107.68	37.33	-0.47
8/5/2024 13:00	6.04	22.48	22.56	79645.45	106.82	37.31	-0.46
8/5/2024 14:00	5.50	22.38	22.35	78207.12	107.73	35.93	-0.44
8/5/2024 15:00	6.10	22.83	22.62	78215.30	108.99	38.73	-0.47
8/5/2024 16:00	5.74	23.27	23.00	79673.61	108.82	38.72	-0.46
8/5/2024 17:00	6.04	23.36	22.87	78971.41	109.18	38.16	-0.48
8/5/2024 18:00	5.15	23.41	22.71	78990.10	108.42	36.27	-0.48
8/5/2024 19:00	4.98	22.19	18.68	65993.18	106.11	34.51	-0.49
8/5/2024 20:00	5.09	22.79	21.84	76015.59	108.34	33.00	-0.48
8/5/2024 21:00	5.42	22.79	21.98	75815.95	109.29	32.00	-0.49
8/5/2024 22:00	4.54	22.55	21.68	75307.78	108.50	31.71	-0.48
8/5/2024 23:00	4.94	22.08	21.60	75329.12	108.12	31.37	-0.49
8/6/2024	4.63	22.37	21.70	75592.84	108.25	31.05	-0.48
8/6/2024 1:00	5.12	22.01	21.85	75785.13	108.69	31.03	-0.48
8/6/2024 2:00	4.29	22.63	21.90	76000.79	108.66	30.85	-0.48
8/6/2024 3:00	4.28	22.37	21.97	78114.42	106.03	30.88	-0.48
8/6/2024 4:00	3.92	22.89	22.07	79103.23	105.22	30.97	-0.47
8/6/2024 5:00	3.52	22.88	22.35	80240.63	104.99	31.18	-0.46
8/6/2024 6:00	3.42	22.21	21.98	78754.41	105.24	30.49	-0.45

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/6/2024 7:00	2.80	21.17	21.50	77683.74	104.36	29.37	-0.46
8/6/2024 8:00	2.49	21.38	21.25	76863.07	104.19	28.88	-0.43
8/6/2024 9:00	3.03	20.76	21.57	77625.71	104.82	28.22	-0.46
8/6/2024 10:00	2.53	20.77	21.94	79291.40	104.31	26.82	-0.49
8/6/2024 11:00	2.47	20.96	21.42	78059.46	103.49	26.23	-0.50
8/6/2024 12:00	2.49	20.20	20.98	76756.48	103.07	25.84	-0.50
8/6/2024 13:00	2.28	20.11	21.48	78305.71	103.47	25.84	-0.51
8/6/2024 14:00	1.96	20.26	22.60	81456.84	104.63	25.55	-0.50
8/6/2024 15:00	2.24	20.58	22.78	84439.05	101.83	26.22	-0.46
8/6/2024 16:00	3.06	20.25	20.45	72833.48	104.96	28.38	-0.47
8/6/2024 17:00	3.79	21.64	23.15	81277.75	107.39	28.96	-0.48
8/6/2024 18:00	3.82	21.49	22.88	79906.60	107.99	28.79	-0.48
8/6/2024 19:00	4.37	21.18	22.80	79635.89	107.94	28.59	-0.48
8/6/2024 20:00	4.18	21.36	22.65	78985.75	108.18	28.49	-0.47
8/6/2024 21:00	4.25	21.28	22.47	78086.18	108.47	28.21	-0.47
8/6/2024 22:00	4.34	20.41	22.07	77032.01	108.05	27.92	-0.47
8/6/2024 23:00	3.74	20.58	21.42	74323.16	108.63	27.63	-0.47
8/7/2024	3.96	20.40	21.55	75134.95	108.13	27.31	-0.47
8/7/2024 1:00	3.86	20.60	21.99	76543.11	108.34	26.99	-0.47
8/7/2024 2:00	3.85	20.25	21.75	75734.52	108.24	26.77	-0.47
8/7/2024 3:00	4.03	19.90	21.92	75943.20	108.87	26.63	-0.47
8/7/2024 4:00	4.35	19.44	18.74	66046.59	106.77	26.62	-0.47
8/7/2024 5:00	4.07	20.11	21.86	76431.71	107.80	26.29	-0.47
8/7/2024 6:00	3.71	20.26	21.85	76504.73	107.68	26.31	-0.47
8/7/2024 7:00					107.93	26.64	-0.48
8/7/2024 8:00					107.29	28.08	-0.48
8/7/2024 9:00					108.04	30.23	-0.48
8/7/2024 10:00					108.04	32.96	-0.48
8/7/2024 11:00					108.48	36.43	-0.48
8/7/2024 12:00					107.53	38.51	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/7/2024 13:00	4.80	20.62	22.45	78291.91	108.16	39.61	-0.48
8/7/2024 14:00	4.09	21.01	22.41	82940.93	102.20	39.56	-0.50
8/7/2024 15:00	5.37	21.43	22.01	77575.91	106.81	37.38	-0.51
8/7/2024 16:00	4.91	20.35	19.42	67946.27	107.42	36.00	-0.51
8/7/2024 17:00	4.76	22.00	21.84	76522.16	107.61	34.68	-0.50
8/7/2024 18:00	4.66	21.06	21.17	73536.87	108.52	33.12	-0.50
8/7/2024 19:00	4.10	20.14	18.61	65694.75	106.64	31.79	-0.49
8/7/2024 20:00	4.28	21.08	20.17	70072.77	108.46	30.93	-0.47
8/7/2024 21:00	4.14	20.46	19.39	67791.95	107.76	30.42	-0.47
8/7/2024 22:00	4.29	19.83	18.80	65491.35	108.22	30.08	-0.46
8/7/2024 23:00	3.97	19.55	18.46	65186.65	106.74	29.70	-0.46
8/8/2024	4.20	18.81	17.09	60791.30	106.11	29.54	-0.47
8/8/2024 1:00	3.84	19.38	18.50	64972.89	107.35	29.14	-0.47
8/8/2024 2:00	3.81	19.03	17.60	62366.68	106.39	28.84	-0.48
8/8/2024 3:00	4.17	18.69	17.52	61343.77	107.61	28.40	-0.48
8/8/2024 4:00	3.28	18.51	16.95	59632.03	107.10	28.03	-0.48
8/8/2024 5:00	3.49	18.21	16.92	59397.10	107.35	27.67	-0.48
8/8/2024 6:00	3.64	18.59	17.45	60287.89	108.95	27.46	-0.48
8/8/2024 7:00	4.27	17.96	14.23	50656.85	104.51	27.74	-0.48
8/8/2024 8:00	3.88	18.56	17.48	61593.57	106.96	29.15	-0.48
8/8/2024 9:00	3.79	18.61	16.02	57349.47	104.84	31.21	-0.48
8/8/2024 10:00	3.89	17.96	14.37	50526.02	106.64	34.52	-0.49
8/8/2024 11:00	4.31	19.71	17.99	63224.21	107.20	35.66	-0.47
8/8/2024 12:00	4.52	19.53	17.99	62211.80	109.03	35.27	-0.47
8/8/2024 13:00	4.70	19.66	17.91	62531.40	107.95	37.54	-0.48
8/8/2024 14:00	4.73	20.26	18.02	63174.13	107.55	40.69	-0.47
8/8/2024 15:00	4.74	20.07	17.83	61926.04	108.55	40.07	-0.47
8/8/2024 16:00	5.05	20.01	17.78	62343.50	107.53	39.63	-0.47
8/8/2024 17:00	5.10	20.01	17.62	61059.45	108.82	38.77	-0.47
8/8/2024 18:00	5.41	19.70	17.48	60821.14	108.34	38.56	-0.46

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/8/2024 19:00	5.42	19.61	17.96	62307.98	108.72	37.60	-0.46
8/8/2024 20:00	5.22	19.54	17.35	60237.81	108.55	36.77	-0.46
8/8/2024 21:00	4.77	19.37	17.18	59271.91	109.23	35.55	-0.46
8/8/2024 22:00	4.52	19.60	16.34	56759.12	107.68	34.65	-0.46
8/8/2024 23:00	4.68	18.67	16.92	58459.19	109.07	34.02	-0.47
8/9/2024	4.71	18.92	17.12	59355.89	108.70	33.16	-0.48
8/9/2024 1:00	5.05	18.46	16.76	58046.93	108.86	32.25	-0.49
8/9/2024 2:00	5.03	18.71	17.04	58639.69	109.53	31.63	-0.49
8/9/2024 3:00	4.09	18.99	16.86	58680.52	108.31	31.18	-0.49
8/9/2024 4:00	4.08	18.71	15.97	55562.82	108.40	30.58	-0.50
8/9/2024 5:00	4.23	18.27	16.32	56720.95	108.44	29.68	-0.50
8/9/2024 6:00	4.31	18.14	15.99	55836.49	107.98	28.84	-0.50
8/9/2024 7:00	3.65	17.64	13.23	48116.61	103.34	28.68	-0.50
8/9/2024 8:00	3.67	18.74	16.62	59714.73	104.89	29.33	-0.50
8/9/2024 9:00	3.69	19.81	16.68	60257.13	104.38	30.91	-0.50
8/9/2024 10:00	2.79	20.04	16.64	66540.27	95.22	33.42	-0.50
8/9/2024 11:00	2.03	19.92	17.60	64226.70	103.43	36.12	-0.49
8/9/2024 12:00	2.32	19.89	17.10	62359.94	103.41	36.84	-0.49
8/9/2024 13:00	2.41	19.64	16.96	62400.40	102.81	36.63	-0.49
8/9/2024 14:00	2.71	19.83	16.76	61668.02	102.45	37.47	-0.49
8/9/2024 15:00	2.53	19.64	16.54	60659.21	102.74	37.34	-0.49
8/9/2024 16:00	2.87	19.34	16.16	59491.95	102.41	37.22	-0.49
8/9/2024 17:00	2.98	19.21	16.36	59355.88	103.87	36.87	-0.49
8/9/2024 18:00	2.66	19.09	16.55	59897.35	104.19	35.28	-0.48
8/9/2024 19:00	3.36	20.02	17.99	64513.88	104.44	34.11	-0.46
8/9/2024 20:00	2.78	19.51	16.75	62497.39	101.13	33.99	-0.46
8/9/2024 21:00	3.91	19.19	16.31	57740.49	106.51	32.78	-0.46
8/9/2024 22:00	4.06	18.61	15.77	56157.57	105.86	31.31	-0.50
8/9/2024 23:00	4.21	18.45	15.54	55717.68	105.13	29.19	-0.50
8/10/2024	4.20	18.26	15.76	55422.92	107.13	28.31	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/10/2024 1:00	3.41	17.43	14.31	51228.50	104.95	27.74	-0.48
8/10/2024 2:00	3.18	17.22	15.00	53546.45	105.61	26.68	-0.48
8/10/2024 3:00	3.17	17.35	15.25	54660.81	105.13	25.93	-0.48
8/10/2024 4:00	3.29	17.11	15.28	54836.11	105.05	25.40	-0.48
8/10/2024 5:00	3.10	17.30	15.41	54749.38	106.05	25.13	-0.48
8/10/2024 6:00	3.34	17.09	15.36	54539.86	106.12	24.62	-0.49
8/10/2024 7:00	3.26	16.25	13.27	48377.32	103.23	24.61	-0.49
8/10/2024 8:00	3.39	16.96	14.73	52816.80	105.17	25.74	-0.49
8/10/2024 9:00	3.48	17.73	15.60	56457.01	104.16	28.03	-0.49
8/10/2024 10:00	3.93	17.91	15.71	56458.23	104.90	31.06	-0.48
8/10/2024 11:00	3.87	17.76	15.69	56570.58	104.59	34.39	-0.49
8/10/2024 12:00	3.81	18.17	15.70	56390.77	104.93	35.59	-0.48
8/10/2024 13:00	4.35	18.66	15.86	56701.01	105.45	35.68	-0.48
8/10/2024 14:00	4.74	18.68	15.74	56037.71	105.89	35.97	-0.48
8/10/2024 15:00	4.43	18.40	15.60	55454.22	105.97	35.36	-0.47
8/10/2024 16:00	4.41	18.51	15.65	55750.85	105.78	34.31	-0.47
8/10/2024 17:00	4.87	18.28	15.56	55306.70	106.02	34.26	-0.47
8/10/2024 18:00	4.55	18.40	15.62	55036.94	106.99	33.67	-0.47
8/10/2024 19:00	4.73	17.71	13.88	49724.13	105.20	32.26	-0.48
8/10/2024 20:00	4.16	17.78	15.23	54022.99	106.26	31.18	-0.49
8/10/2024 21:00	4.13	17.68	15.10	53578.58	106.19	29.83	-0.48
8/10/2024 22:00	4.30	17.20	14.59	52207.31	105.32	28.71	-0.48
8/10/2024 23:00	3.99	16.59	14.65	51837.17	106.46	27.42	-0.48
8/11/2024	3.94	17.03	14.66	51876.64	106.49	26.47	-0.49
8/11/2024 1:00	3.64	16.95	14.67	52318.46	105.64	26.32	-0.49
8/11/2024 2:00	3.63	16.89	15.05	53178.48	106.66	25.94	-0.49
8/11/2024 3:00	3.54	17.59	15.20	53716.43	106.63	25.97	-0.49
8/11/2024 4:00	4.17	16.50	12.54	45345.98	104.34	25.99	-0.49
8/11/2024 5:00	3.66	17.30	15.02	53175.06	106.46	26.06	-0.48
8/11/2024 6:00	3.44	17.48	15.24	54372.63	105.62	26.01	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/11/2024 7:00	3.37	17.40	15.13	54114.10	105.40	26.20	-0.48
8/11/2024 8:00	3.57	17.70	15.39	54852.40	105.72	27.09	-0.49
8/11/2024 9:00	3.72	18.26	15.56	55677.65	105.30	28.59	-0.49
8/11/2024 10:00	3.98	17.90	15.77	56432.96	105.34	29.96	-0.49
8/11/2024 11:00	3.38	18.17	16.13	59779.45	101.69	31.40	-0.50
8/11/2024 12:00	3.40	18.86	16.40	60991.73	101.38	33.61	-0.49
8/11/2024 13:00	3.25	19.04	16.82	62744.62	101.07	35.88	-0.48
8/11/2024 14:00	3.05	19.32	17.13	63120.42	102.30	36.24	-0.47
8/11/2024 15:00	2.45	18.82	17.14	63184.24	102.24	36.91	-0.47
8/11/2024 16:00	2.91	17.73	14.22	52592.15	101.78	34.88	-0.47
8/11/2024 17:00	2.84	18.84	17.00	62102.32	103.21	33.30	-0.47
8/11/2024 18:00	2.31	18.98	17.52	62352.13	105.64	31.66	-0.46
8/11/2024 19:00	3.25	19.30	17.41	64446.23	101.94	31.75	-0.48
8/11/2024 20:00	2.81	18.17	14.75	54492.46	102.11	31.41	-0.47
8/11/2024 21:00	2.63	18.78	16.84	61111.50	103.88	30.75	-0.46
8/11/2024 22:00	2.76	18.53	16.75	61290.13	102.99	30.17	-0.47
8/11/2024 23:00	3.08	18.32	16.40	60443.44	102.27	29.74	-0.48
8/12/2024	2.69	17.89	16.07	59622.07	101.61	28.52	-0.50
8/12/2024 1:00	2.39	18.06	16.25	61073.77	100.41	27.45	-0.49
8/12/2024 2:00	3.24	17.53	15.49	55821.24	104.61	26.22	-0.50
8/12/2024 3:00	3.41	17.41	15.51	56332.95	103.80	25.57	-0.51
8/12/2024 4:00	3.23	17.04	15.12	54016.95	105.36	24.85	-0.51
8/12/2024 5:00	3.66	17.26	15.41	55108.12	105.42	24.25	-0.51
8/12/2024 6:00	3.56	16.66	15.17	54428.32	105.03	23.71	-0.52
8/12/2024 7:00	4.01	16.68	15.93	56721.03	105.86	23.50	-0.52
8/12/2024 8:00	3.68	17.16	15.76	56559.13	105.08	24.52	-0.52
8/12/2024 9:00	3.62	17.77	16.24	57939.81	105.65	26.45	-0.52
8/12/2024 10:00	4.17	17.86	16.23	57961.80	105.53	29.69	-0.52
8/12/2024 11:00	4.07	18.15	16.49	59325.79	104.78	33.61	-0.51
8/12/2024 12:00	4.53	18.16	16.63	59077.41	106.08	36.77	-0.51

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/12/2024 13:00	4.89	17.73	14.24	52354.58	102.63	39.61	-0.51
8/12/2024 14:00	4.17	19.41	17.14	62370.42	103.63	40.84	-0.50
8/12/2024 15:00	3.95	19.82	17.03	62107.85	103.35	41.54	-0.49
8/12/2024 16:00	3.37	19.15	17.13	62031.46	104.11	42.75	-0.49
8/12/2024 17:00	3.06	19.17	16.90	61305.94	103.92	41.27	-0.49
8/12/2024 18:00	2.96	19.25	16.71	60949.48	103.33	37.87	-0.49
8/12/2024 19:00	3.18	18.40	15.48	56043.86	103.89	35.48	-0.49
8/12/2024 20:00	2.92	18.89	16.62	59920.45	104.56	33.82	-0.47
8/12/2024 21:00	3.47	18.46	16.02	58181.47	103.77	32.87	-0.47
8/12/2024 22:00	3.51	18.61	16.11	58490.21	103.82	31.98	-0.47
8/12/2024 23:00	3.06	18.59	16.62	59494.48	105.32	30.87	-0.47
8/13/2024	2.93	18.23	16.53	59927.68	104.00	30.17	-0.47
8/13/2024 1:00	3.26	18.32	16.49	60079.20	103.44	29.56	-0.47
8/13/2024 2:00	2.81	18.64	16.66	60934.43	103.09	28.97	-0.47
8/13/2024 3:00	3.04	18.46	17.01	61882.65	103.59	28.26	-0.47
8/13/2024 4:00	2.40	18.33	16.38	59948.73	102.93	28.13	-0.47
8/13/2024 5:00	3.12	18.62	17.19	62233.35	104.13	28.12	-0.47
8/13/2024 6:00	2.66	18.69	17.17	61941.32	104.50	28.08	-0.47
8/13/2024 7:00	2.37	18.41	16.92	61621.04	103.49	28.09	-0.48
8/13/2024 8:00	2.46	18.71	17.22	62899.04	103.20	29.04	-0.48
8/13/2024 9:00	2.60	19.17	17.67	64249.91	103.68	31.47	-0.49
8/13/2024 10:00	2.61	18.90	17.93	65301.40	103.52	34.81	-0.48
8/13/2024 11:00	2.60	19.48	18.12	67169.30	101.82	39.34	-0.47
8/13/2024 12:00	3.85	20.27	18.29	67076.55	102.97	41.65	-0.47
8/13/2024 13:00	4.82	19.61	17.77	62588.71	107.00	43.43	-0.48
8/13/2024 14:00	5.80	19.52	17.51	61946.87	106.59	45.02	-0.48
8/13/2024 15:00	6.15	19.19	17.21	60495.06	107.29	41.70	-0.49
8/13/2024 16:00	6.20	15.75	10.22	36752.21	103.76	41.96	-0.50
8/13/2024 17:00	5.64	18.44	17.10	59867.11	107.64	40.26	-0.49
8/13/2024 18:00	5.81	18.63	16.78	59355.10	106.50	37.91	-0.50

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/13/2024 19:00	5.39	17.73	15.15	52809.04	108.16	35.57	-0.50
8/13/2024 20:00	5.56	18.39	16.37	57310.02	107.64	34.29	-0.48
8/13/2024 21:00	5.52	17.64	15.98	55504.18	108.50	33.33	-0.48
8/13/2024 22:00	5.63	17.61	15.74	54855.70	108.08	32.70	-0.48
8/13/2024 23:00	5.42	17.48	15.84	54971.24	108.64	32.11	-0.48
8/14/2024	5.39	17.43	15.69	54761.50	107.96	31.53	-0.48
8/14/2024 1:00	5.11	17.20	15.81	55281.66	107.79	30.99	-0.48
8/14/2024 2:00	5.11	17.41	16.02	56190.90	107.46	30.42	-0.48
8/14/2024 3:00	4.87	17.27	15.78	55529.55	107.05	29.93	-0.48
8/14/2024 4:00	5.23	17.41	15.88	55548.92	107.73	29.51	-0.48
8/14/2024 5:00	4.78	17.43	15.98	56103.22	107.33	29.19	-0.48
8/14/2024 6:00	4.36	17.11	15.90	55667.30	107.60	28.84	-0.48
8/14/2024 7:00	4.68	17.33	16.20	56285.96	108.31	28.78	-0.49
8/14/2024 8:00					106.08	29.73	-0.49
8/14/2024 9:00					106.89	31.82	-0.49
8/14/2024 10:00					106.80	34.96	-0.49
8/14/2024 11:00					106.52	38.29	-0.49
8/14/2024 12:00					106.71	40.04	-0.50
8/14/2024 13:00	4.70	17.77	15.22	54622.89	104.88	42.01	-0.51
8/14/2024 14:00	5.74	18.42	16.44	58865.39	105.26	43.18	-0.50
8/14/2024 15:00	5.92	18.80	16.47	58649.18	105.86	43.47	-0.50
8/14/2024 16:00	6.01	18.47	15.92	57124.61	105.01	43.55	-0.49
8/14/2024 17:00	5.47	18.76	16.50	58227.56	106.81	42.34	-0.49
8/14/2024 18:00	6.53	18.40	16.25	57418.51	106.65	39.83	-0.49
8/14/2024 19:00	5.67	18.28	16.21	56200.98	108.69	37.80	-0.47
8/14/2024 20:00	5.89	16.47	12.57	44817.22	105.54	36.48	-0.48
8/14/2024 21:00	5.92	17.51	15.14	53252.59	107.16	35.07	-0.47
8/14/2024 22:00	5.74	17.35	15.17	53409.14	107.00	33.77	-0.47
8/14/2024 23:00	5.33	17.22	15.32	53807.29	107.28	32.80	-0.48
8/15/2024	4.82	17.24	15.57	54466.00	107.70	31.83	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/15/2024 1:00	5.30	17.28	15.37	53965.69	107.32	31.18	-0.48
8/15/2024 2:00	5.10	17.19	15.44	54231.52	107.26	30.60	-0.48
8/15/2024 3:00	4.95	16.92	15.44	54107.16	107.51	29.92	-0.48
8/15/2024 4:00	4.96	16.97	15.70	55049.55	107.53	29.27	-0.48
8/15/2024 5:00	4.69	17.29	15.70	55156.35	107.23	28.63	-0.49
8/15/2024 6:00	4.85	16.96	15.58	54813.71	107.07	28.36	-0.49
8/15/2024 7:00	4.58	17.21	15.61	54470.60	108.01	28.44	-0.49
8/15/2024 8:00	5.15	17.54	15.37	54523.88	106.27	29.32	-0.49
8/15/2024 9:00	4.60	11.51	3.26	12243.65	99.34	31.34	-0.50
8/15/2024 10:00	5.20	8.58	1.72	6631.68	97.87	34.24	-0.49
8/15/2024 11:00	3.85	7.96	1.72	6672.96	96.86	37.39	-0.49
8/15/2024 12:00	4.40	8.01	1.72	6789.42	95.48	39.91	-0.48
8/15/2024 13:00	3.99	7.21	1.51	5963.27	95.38	41.63	-0.48
8/15/2024 14:00	3.50	6.91	1.76	6831.78	96.86	41.88	-0.48
8/15/2024 15:00	2.90	6.80	1.79	7024.76	95.98	42.95	-0.47
8/15/2024 16:00	3.14	6.25	1.45	5703.44	95.69	42.45	-0.47
8/15/2024 17:00	2.95	6.64	1.79	6920.14	97.58	40.83	-0.47
8/15/2024 18:00	3.27	6.89	1.74	6731.54	97.38	39.55	-0.47
8/15/2024 19:00	3.30	6.44	1.63	6334.90	96.92	38.29	-0.47
8/15/2024 20:00	3.66	6.35	1.59	6206.84	96.39	36.81	-0.47
8/15/2024 21:00	3.67	6.15	1.64	6314.41	97.64	35.51	-0.47
8/15/2024 22:00	3.40	6.55	1.67	6498.82	96.92	34.57	-0.47
8/15/2024 23:00	3.54	6.38	1.69	6586.38	96.45	33.96	-0.47
8/16/2024	3.23	7.10	1.71	6640.88	96.94	33.62	-0.47
8/16/2024 1:00	3.20	6.54	1.67	6484.14	97.03	33.36	-0.48
8/16/2024 2:00	3.48	6.45	1.67	6446.37	97.59	32.62	-0.47
8/16/2024 3:00	3.11	6.76	1.67	6476.87	97.15	32.25	-0.47
8/16/2024 4:00	2.93	6.48	1.48	5835.33	95.56	32.46	-0.47
8/16/2024 5:00	3.21	6.78	1.74	6812.57	96.24	31.43	-0.47
8/16/2024 6:00	3.18	6.69	1.68	6486.11	97.62	30.81	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/16/2024 7:00	2.97	6.65	1.68	6558.45	96.27	30.17	-0.45
8/16/2024 8:00	3.21	7.04	1.83	7110.53	96.85	30.27	-0.46
8/16/2024 9:00	3.11	7.00	1.83	7140.15	96.62	31.71	-0.48
8/16/2024 10:00	2.97	6.66	1.89	7342.59	96.98	34.34	-0.48
8/16/2024 11:00	3.07	6.70	1.86	7220.91	96.94	36.27	-0.47
8/16/2024 12:00	2.96	6.71	1.85	7087.74	98.08	36.75	-0.47
8/16/2024 13:00	3.07	7.08	1.77	6969.05	95.41	36.08	-0.47
8/16/2024 14:00	4.29	6.59	1.38	5219.06	99.25	33.38	-0.49
8/16/2024 15:00	4.70	6.12	1.48	5618.22	98.88	31.31	-0.49
8/16/2024 16:00	4.83	6.46	1.77	6674.77	99.56	31.12	-0.46
8/16/2024 17:00	5.64	6.84	2.01	7518.52	100.38	33.02	-0.46
8/16/2024 18:00	4.93	6.24	1.78	6683.99	100.06	33.44	-0.49
8/16/2024 19:00	5.00	6.34	1.69	6288.02	101.08	32.92	-0.48
8/16/2024 20:00	5.36	6.10	1.70	6250.08	102.12	32.18	-0.48
8/16/2024 21:00	5.34	6.37	1.65	6137.99	101.10	31.63	-0.48
8/16/2024 22:00	5.46	5.91	1.69	6185.70	102.65	31.22	-0.48
8/16/2024 23:00	4.91	6.08	1.62	6034.22	100.90	30.96	-0.48
8/17/2024	5.55	5.66	1.70	6254.05	102.39	30.61	-0.48
8/17/2024 1:00	4.79	5.88	1.70	6266.22	101.90	30.41	-0.49
8/17/2024 2:00	5.25	5.79	1.64	6146.32	100.52	30.28	-0.49
8/17/2024 3:00	5.06	5.89	1.67	6145.65	101.96	30.34	-0.49
8/17/2024 4:00	4.84	5.41	1.43	5314.03	101.05	30.33	-0.49
8/17/2024 5:00	4.74	5.98	1.76	6509.84	101.37	30.35	-0.48
8/17/2024 6:00	4.80	5.71	1.68	6208.11	102.01	29.94	-0.48
8/17/2024 7:00	4.92	5.60	1.51	5602.13	101.16	30.19	-0.48
8/17/2024 8:00	4.98	5.32	1.61	5973.83	101.41	31.05	-0.49
8/17/2024 9:00	4.95	5.71	1.67	6264.53	100.37	32.73	-0.49
8/17/2024 10:00	4.53	6.19	1.72	6379.68	101.74	33.97	-0.49
8/17/2024 11:00	4.20	6.55	1.73	6464.34	100.57	35.65	-0.49
8/17/2024 12:00	4.95	5.79	1.71	6393.19	100.39	37.07	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/17/2024 13:00	5.10	6.00	1.68	6207.17	101.62	37.62	-0.48
8/17/2024 14:00	5.88	5.63	1.58	5887.87	101.09	36.28	-0.48
8/17/2024 15:00	4.80	5.94	1.74	6516.55	100.66	37.92	-0.48
8/17/2024 16:00	4.90	5.23	1.30	4907.13	99.97	34.73	-0.52
8/17/2024 17:00	4.91	5.38	1.72	6275.67	103.11	32.63	-0.47
8/17/2024 18:00	4.99	5.51	1.63	6096.78	100.40	33.04	-0.45
8/17/2024 19:00	4.89	5.75	1.76	6521.34	101.68	31.95	-0.49
8/17/2024 20:00	4.66	5.83	1.79	6517.53	103.16	31.57	-0.48
8/17/2024 21:00	5.07	5.48	1.67	6122.68	102.87	31.28	-0.49
8/17/2024 22:00	4.96	5.84	1.55	5796.97	100.70	30.98	-0.49
8/17/2024 23:00	5.04	5.27	1.51	5582.59	101.70	30.82	-0.48
8/18/2024	4.69	5.51	1.63	6047.06	101.35	30.27	-0.49
8/18/2024 1:00	4.83	5.85	1.65	6162.81	100.86	30.05	-0.49
8/18/2024 2:00	4.49	5.43	1.67	6168.75	101.90	29.87	-0.50
8/18/2024 3:00	4.58	5.79	1.70	6321.82	100.99	29.71	-0.48
8/18/2024 4:00	4.24	5.75	1.44	5398.79	100.35	29.71	-0.49
8/18/2024 5:00	4.78	5.76	1.72	6352.74	101.75	29.66	-0.48
8/18/2024 6:00	4.39	5.67	1.73	6446.52	101.03	29.94	-0.49
8/18/2024 7:00	4.71	5.66	1.68	6247.31	101.26	29.97	-0.51
8/18/2024 8:00	4.80	5.46	1.54	5763.30	100.71	29.79	-0.51
8/18/2024 9:00	4.44	5.91	1.60	6014.89	100.22	30.11	-0.51
8/18/2024 10:00	5.14	6.01	1.73	6496.38	100.16	31.71	-0.51
8/18/2024 11:00	5.02	6.08	2.18	7951.03	102.47	33.20	-0.51
8/18/2024 12:00	5.96	13.18	15.60	54792.65	107.44	35.00	-0.50
8/18/2024 13:00	5.69	14.67	15.30	53815.47	107.18	35.89	-0.50
8/18/2024 14:00	5.06	15.09	14.49	50846.64	107.25	32.55	-0.52
8/18/2024 15:00	5.28	15.14	14.21	49850.11	107.44	30.49	-0.50
8/18/2024 16:00	5.05	14.81	13.15	46330.05	106.73	30.20	-0.50
8/18/2024 17:00	5.57	15.29	14.47	50625.00	107.76	30.42	-0.49
8/18/2024 18:00	5.28	15.64	14.46	50406.49	108.17	29.44	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/18/2024 19:00	5.48	15.36	12.70	44992.49	106.32	29.34	-0.47
8/18/2024 20:00	5.15	15.89	14.06	49277.49	107.50	28.76	-0.49
8/18/2024 21:00	5.25	15.48	13.64	48180.02	106.68	27.62	-0.52
8/18/2024 22:00	4.65	15.52	13.63	48089.77	106.75	27.01	-0.52
8/18/2024 23:00	4.91	15.83	13.98	49045.69	107.46	27.27	-0.52
8/19/2024	4.97	15.84	14.00	49607.35	106.35	26.69	-0.50
8/19/2024 1:00	4.19	16.00	13.84	48959.93	106.47	26.96	-0.49
8/19/2024 2:00	5.07	15.78	14.07	49885.79	106.35	27.27	-0.47
8/19/2024 3:00	4.98	15.76	13.95	49000.34	107.27	27.07	-0.51
8/19/2024 4:00	4.78	15.66	13.75	48371.63	107.08	26.92	-0.51
8/19/2024 5:00	4.26	16.26	13.84	51186.42	101.90	26.89	-0.50
8/19/2024 6:00	3.75	16.78	14.49	51708.27	105.47	26.80	-0.50
8/19/2024 7:00	8.64	19.56	22.98	63195.29	137.14	26.10	-0.46
8/19/2024 8:00	7.53	18.74	18.78	53005.39	133.53	26.37	-0.45
8/19/2024 9:00	6.52	17.81	16.67	47529.56	132.21	27.56	-0.46
8/19/2024 10:00	5.11	17.08	15.76	45107.15	131.68	28.19	-0.46
8/19/2024 11:00	4.59	16.37	15.22	43818.50	130.94	28.22	-0.47
8/19/2024 12:00	4.05	16.09	14.76	42973.40	129.48	29.76	-0.48
8/19/2024 13:00	3.27	15.95	14.20	47794.73	113.28	30.39	-0.50
8/19/2024 14:00	2.62	16.76	14.07	52703.46	100.72	30.64	-0.51
8/19/2024 15:00	2.79	17.10	14.51	53497.54	102.23	29.09	-0.51
8/19/2024 16:00	2.63	16.77	14.35	53294.57	101.53	28.27	-0.51
8/19/2024 17:00	2.63	16.59	14.51	54831.87	99.83	27.73	-0.51
8/19/2024 18:00	3.23	17.13	15.03	54286.76	104.39	27.33	-0.50
8/19/2024 19:00	5.00	15.17	10.33	37648.02	103.10	26.29	-0.51
8/19/2024 20:00	4.81	16.13	14.32	50392.55	107.13	25.52	-0.51
8/19/2024 21:00	4.74	16.13	14.36	50944.05	106.22	25.05	-0.51
8/19/2024 22:00	4.79	14.80	11.43	40849.35	105.31	24.79	-0.51
8/19/2024 23:00	4.74	15.52	14.10	49977.35	106.28	24.62	-0.51
8/20/2024	4.65	15.97	14.48	51365.90	106.25	25.15	-0.51

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/20/2024 1:00	4.89	15.30	12.86	45974.14	105.31	25.72	-0.49
8/20/2024 2:00	4.93	15.63	14.37	51630.94	104.86	25.95	-0.49
8/20/2024 3:00	4.83	15.57	14.41	51446.06	105.56	26.09	-0.49
8/20/2024 4:00	4.70	15.65	14.36	51329.05	105.44	26.13	-0.49
8/20/2024 5:00	4.14	15.79	14.79	52553.94	106.04	25.85	-0.49
8/20/2024 6:00	5.20	15.70	14.75	51963.65	106.97	25.26	-0.49
8/20/2024 7:00	5.57	15.63	13.47	47726.27	106.27	25.30	-0.50
8/20/2024 8:00	4.87	15.81	14.27	51178.56	105.06	25.34	-0.52
8/20/2024 9:00	5.18	15.80	14.61	51608.68	106.76	25.40	-0.52
8/20/2024 10:00	5.04	15.51	14.22	51191.08	104.66	28.14	-0.53
8/20/2024 11:00	4.93	15.88	14.96	53863.50	104.71	30.11	-0.52
8/20/2024 12:00	5.03	16.10	15.09	53811.92	105.70	28.67	-0.53
8/20/2024 13:00	5.09	16.00	14.67	53082.81	104.15	29.85	-0.53
8/20/2024 14:00	4.99	16.62	14.60	53300.70	103.29	32.98	-0.52
8/20/2024 15:00	5.62	16.49	14.58	53244.81	103.25	34.09	-0.53
8/20/2024 16:00	5.33	16.04	13.83	50220.92	103.76	33.98	-0.53
8/20/2024 17:00	5.56	16.26	14.52	52020.81	105.20	32.16	-0.53
8/20/2024 18:00	5.22	15.68	14.02	50753.88	103.99	29.87	-0.52
8/20/2024 19:00	5.51	16.15	14.38	50589.78	107.13	28.30	-0.52
8/20/2024 20:00	5.59	16.23	14.35	51055.79	105.88	26.93	-0.51
8/20/2024 21:00	5.35	15.80	14.19	50018.80	106.84	25.80	-0.52
8/20/2024 22:00	5.75	15.78	13.87	49246.99	106.18	24.89	-0.52
8/20/2024 23:00	5.33	15.30	12.90	46055.26	105.61	24.20	-0.52
8/21/2024	5.47	15.10	13.65	48517.74	106.00	23.72	-0.52
8/21/2024 1:00	4.94	15.54	13.86	49284.73	106.01	23.38	-0.51
8/21/2024 2:00	5.07	15.12	14.01	49976.23	105.69	23.39	-0.51
8/21/2024 3:00	5.24	15.31	14.21	50723.54	105.60	23.48	-0.51
8/21/2024 4:00	4.93	14.70	12.74	45987.92	104.37	23.52	-0.51
8/21/2024 5:00	4.42	15.63	14.56	51865.50	105.79	23.21	-0.52
8/21/2024 6:00	4.27	15.55	14.25	50991.08	105.34	22.34	-0.52

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/21/2024 7:00	4.74	15.55	14.44	51741.23	105.17	22.14	-0.52
8/21/2024 8:00					105.87	23.29	-0.51
8/21/2024 9:00					105.23	25.77	-0.50
8/21/2024 10:00					104.24	29.19	-0.51
8/21/2024 11:00					105.47	31.70	-0.52
8/21/2024 12:00	3.86	16.14	15.04	56236.95	100.33	33.76	-0.52
8/21/2024 13:00	4.47	15.95	15.20	57209.33	100.15	35.08	-0.51
8/21/2024 14:00	4.71	16.63	15.01	56432.51	100.29	37.20	-0.51
8/21/2024 15:00	4.10	16.79	14.72	55583.66	99.81	37.17	-0.51
8/21/2024 16:00	3.44	16.50	14.52	54402.73	100.50	36.56	-0.51
8/21/2024 17:00	3.67	16.99	15.11	56234.39	101.27	34.94	-0.51
8/21/2024 18:00	3.97	16.53	15.84	57962.95	103.13	32.59	-0.51
8/21/2024 19:00	4.80	15.95	11.83	45052.21	99.20	30.87	-0.50
8/21/2024 20:00	3.64	16.26	14.40	53193.23	102.06	29.56	-0.50
8/21/2024 21:00	3.41	16.44	14.55	53739.86	102.04	28.67	-0.50
8/21/2024 22:00	3.43	16.24	14.54	52697.09	103.95	28.05	-0.50
8/21/2024 23:00	3.46	16.06	14.38	53207.43	101.87	27.50	-0.50
8/22/2024	3.70	16.07	14.33	53076.93	101.75	26.99	-0.50
8/22/2024 1:00	3.66	15.98	14.42	53736.73	101.17	26.82	-0.48
8/22/2024 2:00	3.11	16.26	14.42	53553.65	101.46	26.82	-0.48
8/22/2024 3:00	3.39	15.82	14.43	54393.64	100.00	26.55	-0.48
8/22/2024 4:00	3.06	15.89	14.65	55089.49	100.24	26.34	-0.48
8/22/2024 5:00	2.98	15.76	14.77	55596.67	100.18	26.02	-0.48
8/22/2024 6:00	2.98	16.04	14.93	55891.00	100.74	25.75	-0.48
8/22/2024 7:00	3.24	15.81	13.99	52812.00	99.64	25.79	-0.48
8/22/2024 8:00	3.67	16.37	15.41	58085.71	100.04	26.89	-0.49
8/22/2024 9:00	3.31	16.32	15.66	58850.52	100.19	28.93	-0.49
8/22/2024 10:00	3.20	16.88	15.71	61192.54	96.83	31.65	-0.48
8/22/2024 11:00	4.89	16.82	15.77	58619.16	101.35	33.88	-0.49
8/22/2024 12:00	4.85	16.83	15.51	57237.89	102.11	37.98	-0.49

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/22/2024 13:00	6.19	16.62	15.37	56459.50	102.53	40.05	-0.49
8/22/2024 14:00	6.39	16.51	14.04	51509.99	102.55	41.46	-0.49
8/22/2024 15:00	6.73	17.00	15.37	56166.18	103.31	41.08	-0.49
8/22/2024 16:00	6.28	16.98	15.04	56327.32	100.80	41.13	-0.48
8/22/2024 17:00	7.22	17.11	15.27	55508.82	103.74	39.56	-0.48
8/22/2024 18:00	7.13	16.07	12.85	48461.88	100.46	37.47	-0.48
8/22/2024 19:00	6.51	15.16	11.65	42266.86	103.73	35.15	-0.48
8/22/2024 20:00	6.93	16.34	14.25	51441.91	104.42	33.12	-0.48
8/22/2024 21:00	6.96	16.09	13.96	50758.86	103.62	31.74	-0.48
8/22/2024 22:00	6.45	15.95	13.89	50381.69	103.92	30.62	-0.49
8/22/2024 23:00	6.10	15.95	13.96	50543.61	104.06	29.71	-0.49
8/23/2024	6.49	15.79	13.87	50704.63	103.06	28.94	-0.49
8/23/2024 1:00	5.50	16.03	14.18	51557.25	103.69	28.32	-0.49
8/23/2024 2:00	5.96	16.02	14.08	51640.75	102.76	27.70	-0.49
8/23/2024 3:00	5.29	15.82	14.16	51568.15	103.49	27.31	-0.49
8/23/2024 4:00	5.46	15.58	12.89	47261.86	102.63	27.00	-0.49
8/23/2024 5:00	5.45	15.74	14.16	52259.43	102.13	26.63	-0.49
8/23/2024 6:00	5.20	15.78	14.32	52395.42	103.05	26.38	-0.48
8/23/2024 7:00	6.00	16.82	15.81	56882.17	104.59	26.35	-0.48
8/23/2024 8:00	5.30	16.06	14.57	52981.44	103.61	27.32	-0.49
8/23/2024 9:00	5.37	16.01	14.44	53179.50	102.37	28.91	-0.49
8/23/2024 10:00	5.50	15.95	14.59	53892.26	102.05	31.56	-0.49
8/23/2024 11:00	5.44	16.82	15.06	56883.61	99.82	35.12	-0.48
8/23/2024 12:00	4.61	17.07	15.47	58470.99	99.71	37.22	-0.48
8/23/2024 13:00	4.70	17.28	15.12	57486.26	99.12	39.98	-0.47
8/23/2024 14:00	4.39	17.04	14.92	56458.99	99.63	41.92	-0.47
8/23/2024 15:00	4.36	17.24	15.13	56967.18	100.11	42.03	-0.47
8/23/2024 16:00	3.97	17.30	15.01	56560.98	99.99	41.83	-0.46
8/23/2024 17:00	4.27	17.23	14.96	55913.08	100.86	40.12	-0.46
8/23/2024 18:00	4.10	17.13	14.99	55674.09	101.52	38.24	-0.46

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/23/2024 19:00	4.24	16.72	14.69	54463.59	101.66	36.53	-0.46
8/23/2024 20:00	4.19	16.37	14.09	53018.60	100.14	34.94	-0.46
8/23/2024 21:00	4.38	16.64	14.04	52389.45	101.01	33.73	-0.46
8/23/2024 22:00	4.17	16.51	14.02	52675.69	100.33	32.74	-0.46
8/23/2024 23:00	3.90	15.23	11.06	42620.71	98.03	32.16	-0.47
8/24/2024	3.79	15.88	14.15	52585.88	101.42	31.23	-0.46
8/24/2024 1:00	4.04	16.44	14.16	52977.96	100.80	30.51	-0.47
8/24/2024 2:00	4.10	16.71	13.93	52881.65	99.34	30.05	-0.47
8/24/2024 3:00	3.58	16.31	13.97	52449.62	100.36	29.66	-0.47
8/24/2024 4:00	3.61	16.33	14.21	53456.09	100.14	29.37	-0.47
8/24/2024 5:00	3.71	16.47	14.31	53723.04	100.44	28.99	-0.47
8/24/2024 6:00	3.26	16.69	14.31	53714.50	100.41	28.69	-0.47
8/24/2024 7:00	3.07	16.22	14.18	53406.63	100.06	28.51	-0.47
8/24/2024 8:00	2.94	16.47	14.31	55033.67	98.12	29.29	-0.47
8/24/2024 9:00	3.74	16.70	14.75	55885.70	99.58	30.86	-0.47
8/24/2024 10:00	4.68	16.63	14.77	54531.17	102.10	32.82	-0.48
8/24/2024 11:00	5.06	16.75	15.00	54965.33	102.86	36.15	-0.48
8/24/2024 12:00	5.50	16.54	14.82	54083.54	103.27	39.40	-0.48
8/24/2024 13:00	6.36	17.01	14.99	54600.45	103.46	42.16	-0.47
8/24/2024 14:00	6.69	17.00	14.85	53802.46	104.02	43.85	-0.47
8/24/2024 15:00	6.41	16.65	14.13	51705.82	102.99	44.11	-0.47
8/24/2024 16:00	7.18	16.50	13.40	48534.50	104.04	43.57	-0.47
8/24/2024 17:00	7.02	16.29	12.66	45947.90	103.89	41.78	-0.47
8/24/2024 18:00	7.30	15.65	12.48	44572.00	105.50	39.59	-0.47
8/24/2024 19:00	7.06	13.98	9.17	33491.98	102.93	37.79	-0.47
8/24/2024 20:00	7.21	14.80	11.69	42120.61	104.59	36.29	-0.47
8/24/2024 21:00	7.06	14.96	11.66	42334.46	103.78	34.95	-0.47
8/24/2024 22:00	6.86	14.48	11.09	40119.07	104.05	33.74	-0.48
8/24/2024 23:00	6.26	14.56	11.13	40764.13	102.84	32.76	-0.48
8/25/2024	6.38	14.49	11.38	41462.92	103.38	31.84	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/25/2024 1:00	5.86	14.54	11.55	41758.07	104.09	31.21	-0.48
8/25/2024 2:00	5.86	14.47	11.46	42138.02	102.52	30.84	-0.47
8/25/2024 3:00	5.43	14.61	11.72	42618.82	103.61	30.63	-0.47
8/25/2024 4:00	6.00	14.31	11.45	42147.24	102.41	30.53	-0.48
8/25/2024 5:00	5.83	14.46	11.82	43218.08	103.06	30.23	-0.48
8/25/2024 6:00	5.51	14.52	11.76	43332.92	102.31	29.84	-0.48
8/25/2024 7:00	5.70	14.90	12.68	44755.55	106.13	29.57	-0.48
8/25/2024 8:00	5.70	15.37	12.21	46709.87	98.54	30.24	-0.48
8/25/2024 9:00	5.11	16.23	12.73	48915.05	98.11	32.34	-0.47
8/25/2024 10:00	4.48	16.30	13.57	51901.41	98.55	35.23	-0.47
8/25/2024 11:00	4.41	15.92	12.34	47383.05	97.86	38.85	-0.47
8/25/2024 12:00	4.19	16.66	14.99	56696.06	99.60	41.42	-0.46
8/25/2024 13:00	4.44	17.12	15.53	58949.02	99.30	43.68	-0.46
8/25/2024 14:00	4.76	17.55	16.18	60835.71	100.24	44.30	-0.46
8/25/2024 15:00	4.90	17.67	16.69	62233.98	101.10	42.25	-0.45
8/25/2024 16:00	5.06	16.97	15.80	58337.43	101.93	40.83	-0.46
8/25/2024 17:00	5.05	17.81	17.02	62671.44	102.38	41.77	-0.46
8/25/2024 18:00	5.01	18.08	17.05	62561.50	102.76	41.32	-0.46
8/25/2024 19:00	5.17	17.58	17.26	62945.60	103.38	39.77	-0.46
8/25/2024 20:00	5.04	17.73	17.34	62969.74	103.83	38.33	-0.45
8/25/2024 21:00	5.29	17.20	16.66	61129.71	102.76	37.02	-0.45
8/25/2024 22:00	4.54	17.09	16.44	60503.66	102.43	35.92	-0.46
8/25/2024 23:00	4.63	16.87	15.80	59768.17	99.82	35.34	-0.46
8/26/2024	6.89	17.26	15.81	56773.46	104.97	34.15	-0.46
8/26/2024 1:00	5.79	16.62	15.70	56574.89	104.61	33.48	-0.47
8/26/2024 2:00	6.58	16.76	15.76	56618.10	104.94	33.02	-0.47
8/26/2024 3:00	6.47	16.37	15.44	55615.68	104.60	32.42	-0.46
8/26/2024 4:00	6.15	16.16	14.52	52221.82	104.66	32.01	-0.47
8/26/2024 5:00	5.82	16.43	15.72	56612.12	104.69	31.54	-0.47
8/26/2024 6:00	6.32	16.48	15.61	56504.33	104.00	31.18	-0.47

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/26/2024 7:00	6.22	16.30	15.41	55655.43	104.33	31.18	-0.47
8/26/2024 8:00	6.19	16.66	16.70	60298.74	104.39	31.44	-0.47
8/26/2024 9:00	6.12	17.34	17.17	62396.35	103.71	33.22	-0.47
8/26/2024 10:00	6.12	17.57	17.95	64344.11	105.16	36.25	-0.47
8/26/2024 11:00	6.91	18.13	18.49	65927.73	105.66	40.02	-0.47
8/26/2024 12:00	6.65	17.81	18.75	66366.59	107.06	42.34	-0.46
8/26/2024 13:00	8.08	18.05	17.50	62645.84	105.74	45.02	-0.46
8/26/2024 14:00	8.03	18.96	19.28	66843.91	107.56	46.16	-0.46
8/26/2024 15:00	8.61	18.93	18.83	66637.24	106.49	46.71	-0.46
8/26/2024 16:00	8.79	18.85	19.06	66620.45	108.13	46.05	-0.45
8/26/2024 17:00	8.90	18.73	19.09	66329.21	108.72	44.50	-0.45
8/26/2024 18:00	9.81	19.11	19.22	64329.59	112.72	42.22	-0.45
8/26/2024 19:00	8.61	17.04	15.55	55555.55	105.29	40.77	-0.46
8/26/2024 20:00	9.09	17.86	18.56	65178.67	107.36	39.55	-0.46
8/26/2024 21:00	9.11	18.11	18.18	65218.16	105.13	38.44	-0.46
8/26/2024 22:00	8.59	17.73	18.15	63839.37	107.14	37.40	-0.46
8/26/2024 23:00	8.11	17.52	17.87	64033.11	105.14	36.47	-0.46
8/27/2024	7.63	17.83	17.99	64155.43	105.73	35.73	-0.47
8/27/2024 1:00	8.57	17.61	17.81	63438.64	105.79	34.94	-0.47
8/27/2024 2:00	7.35	17.57	17.98	64023.53	105.88	34.43	-0.46
8/27/2024 3:00	7.51	17.86	18.25	64808.40	106.16	34.07	-0.46
8/27/2024 4:00	6.77	17.93	18.52	69309.19	101.63	34.12	-0.46
8/27/2024 5:00	7.16	18.12	19.13	67979.16	106.06	33.63	-0.46
8/27/2024 6:00	7.27	17.56	17.88	64560.63	104.29	33.29	-0.47
8/27/2024 7:00	4.82	18.60	19.07	82828.20	86.80	34.36	-0.46
8/27/2024 8:00	3.91	18.90	19.56	85536.73	86.28	35.31	-0.46
8/27/2024 9:00	4.53	19.54	19.55	84744.80	87.01	35.18	-0.46
8/27/2024 10:00	4.38	18.92	18.80	82951.17	85.46	34.53	-0.46
8/27/2024 11:00	4.02	18.98	17.88	77945.99	86.53	34.87	-0.46
8/27/2024 12:00	4.12	19.35	19.44	85383.80	85.88	36.77	-0.46

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/27/2024 13:00	4.17	19.95	20.13	88249.78	86.05	41.16	-0.46
8/27/2024 14:00	5.55	20.47	21.04	90621.08	87.60	45.21	-0.45
8/27/2024 15:00	6.90	21.06	21.48	86440.84	93.93	46.71	-0.45
8/27/2024 16:00	7.88	21.00	20.19	78896.82	96.49	46.37	-0.45
8/27/2024 17:00	8.28	21.27	21.77	85186.98	96.48	45.52	-0.44
8/27/2024 18:00	8.25	19.26	16.85	67527.37	93.13	41.74	-0.47
8/27/2024 19:00	5.13	20.08	19.43	83449.45	87.77	37.71	-0.44
8/27/2024 20:00	5.12	18.90	17.61	76484.00	86.86	36.15	-0.43
8/27/2024 21:00	5.05	18.80	17.93	78452.55	86.22	35.39	-0.43
8/27/2024 22:00	4.84	16.93	12.97	58456.69	82.74	35.09	-0.47
8/27/2024 23:00	4.57	10.08	2.34	11137.87	79.08	35.32	-0.47
8/28/2024	4.59	8.82	2.31	10874.21	80.03	34.93	-0.47
8/28/2024 1:00	4.46	8.73	2.25	10739.61	78.83	34.56	-0.47
8/28/2024 2:00	4.53	8.22	2.31	10889.58	79.92	34.36	-0.47
8/28/2024 3:00	4.63	8.21	2.34	11088.53	79.55	34.24	-0.47
8/28/2024 4:00	4.55	8.34	2.37	11201.08	79.77	33.96	-0.47
8/28/2024 5:00	4.44	8.49	2.43	11409.82	80.23	33.41	-0.47
8/28/2024 6:00	4.35	8.25	2.49	11812.66	79.51	33.34	-0.48
8/28/2024 7:00	4.45	8.50	2.67	12665.54	79.47	33.39	-0.47
8/28/2024 8:00	4.68	8.35	2.53	12045.44	79.66	34.01	-0.48
8/28/2024 9:00					80.95	35.41	-0.50
8/28/2024 10:00					79.37	36.10	-0.50
8/28/2024 11:00	4.61	8.16	2.33	11232.14	78.52	37.85	-0.49
8/28/2024 12:00	4.76	8.20	2.55	12237.85	78.34	38.40	-0.48
8/28/2024 13:00	4.53	8.12	2.63	12498.82	79.41	38.04	-0.49
8/28/2024 14:00	4.58	8.01	2.62	12541.72	78.64	37.51	-0.50
8/28/2024 15:00	4.84	8.25	2.65	12563.39	79.55	36.82	-0.50
8/28/2024 16:00	4.82	8.27	2.75	13050.57	79.32	36.35	-0.49
8/28/2024 17:00	5.17	8.03	2.76	13170.50	78.96	37.17	-0.50
8/28/2024 18:00	5.50	8.41	2.74	13102.27	78.81	36.56	-0.50

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/28/2024 19:00	5.04	7.71	2.15	10601.93	76.59	35.95	-0.50
8/28/2024 20:00	5.50	8.26	2.71	12926.50	78.93	34.79	-0.50
8/28/2024 21:00	4.97	8.35	2.81	13270.79	79.80	34.06	-0.51
8/28/2024 22:00	4.85	8.82	2.81	13424.37	78.97	33.09	-0.51
8/28/2024 23:00	4.68	8.81	2.92	13849.34	79.52	32.49	-0.51
8/29/2024	4.83	8.64	2.97	14097.76	79.33	31.92	-0.51
8/29/2024 1:00	5.11	8.75	3.06	14536.56	79.35	31.62	-0.51
8/29/2024 2:00	4.85	8.93	3.00	14253.67	79.21	31.48	-0.51
8/29/2024 3:00	4.87	8.99	2.93	13957.67	79.08	31.79	-0.48
8/29/2024 4:00	4.46	8.43	2.86	13882.13	77.54	32.93	-0.48
8/29/2024 5:00	4.50	8.43	2.84	13414.17	79.96	33.01	-0.51
8/29/2024 6:00	5.26	8.68	2.96	14308.65	78.95	32.34	-0.50
8/29/2024 7:00	6.49	11.02	5.13	24245.98	79.00	32.02	-0.50
8/29/2024 8:00	4.16	7.09	1.50	7119.18	79.48	32.32	-0.49
8/29/2024 9:00	4.33	7.12	1.65	7876.15	78.82	33.43	-0.49
8/29/2024 10:00	4.86	7.02	1.71	8191.03	78.40	34.30	-0.48
8/29/2024 11:00	4.48	6.83	1.79	8517.99	79.08	35.64	-0.48
8/29/2024 12:00	4.49	7.00	1.70	8172.75	78.41	37.55	-0.48
8/29/2024 13:00	4.53	6.35	1.67	7931.92	79.32	37.74	-0.48
8/29/2024 14:00	4.50	6.63	1.63	7754.81	79.18	37.89	-0.48
8/29/2024 15:00	5.13	6.38	1.67	7983.89	78.72	40.30	-0.48
8/29/2024 16:00	5.05	6.41	1.60	7649.89	78.78	43.16	-0.48
8/29/2024 17:00	4.91	6.01	1.58	7561.30	78.58	42.77	-0.47
8/29/2024 18:00	4.86	6.32	1.59	7565.95	79.36	41.52	-0.47
8/29/2024 19:00	7.36	6.04	1.68	6286.92	104.25	39.38	-0.43
8/29/2024 20:00	46.85	11.68	2.42	5092.73	177.32	32.42	-0.18
8/29/2024 21:00	63.16	10.91	2.62	4703.53	206.52	29.80	-0.09
8/29/2024 22:00	28.40	11.18	10.90	45597.12	117.57	30.33	-0.33
8/29/2024 23:00	6.37	15.89	17.68	77274.84	86.34	32.11	-0.45
8/30/2024	6.30	16.98	17.90	78158.84	86.41	32.97	-0.46

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/30/2024 1:00	6.43	17.32	18.41	77659.98	89.44	32.84	-0.46
8/30/2024 2:00	5.83	17.16	17.80	76648.03	87.62	32.39	-0.46
8/30/2024 3:00	5.49	17.62	17.70	75973.98	87.85	31.83	-0.46
8/30/2024 4:00	5.99	16.84	15.59	67658.27	87.08	31.21	-0.46
8/30/2024 5:00	5.12	17.58	17.64	75635.63	87.98	30.51	-0.46
8/30/2024 6:00	4.91	17.25	17.13	74106.92	87.18	30.18	-0.46
8/30/2024 7:00	5.00	17.28	17.31	73483.68	88.79	30.08	-0.46
8/30/2024 8:00	5.37	17.61	17.39	74721.76	87.78	30.42	-0.47
8/30/2024 9:00	5.13	16.83	14.73	64300.46	86.03	32.13	-0.47
8/30/2024 10:00	7.44	18.51	18.93	76940.09	93.60	33.69	-0.45
8/30/2024 11:00	28.59	22.55	24.14	65197.83	232.72	36.47	-0.19
8/30/2024 12:00	10.18	20.87	19.24	85895.50	84.61	41.25	-0.43
8/30/2024 13:00	6.45	19.98	19.12	86007.01	83.91	44.81	-0.44
8/30/2024 14:00	6.50	20.32	20.12	87533.55	86.70	46.07	-0.44
8/30/2024 15:00	7.21	20.33	19.58	85931.25	85.94	46.60	-0.44
8/30/2024 16:00	6.64	20.00	19.53	85822.62	86.02	45.49	-0.43
8/30/2024 17:00	7.55	19.59	19.10	81806.16	88.11	43.92	-0.44
8/30/2024 18:00	7.71	19.56	19.14	82428.23	87.62	42.85	-0.43
8/30/2024 19:00	8.27	19.57	19.06	81032.84	88.69	41.48	-0.43
8/30/2024 20:00	6.82	19.25	17.97	78428.98	86.30	39.32	-0.44
8/30/2024 21:00	6.56	18.21	17.19	74700.84	86.79	36.80	-0.44
8/30/2024 22:00	31.18	22.42	21.28	56430.96	144.07	33.29	-0.30
8/30/2024 23:00	64.76	27.43	24.58	48291.13	191.66	29.94	-0.12
8/31/2024	68.51	25.77	24.84	46468.73	199.71	29.72	-0.10
8/31/2024 1:00	71.93	25.35	27.00	48117.24	212.03	29.85	-0.08
8/31/2024 2:00	74.54	24.13	27.45	46032.77	224.58	29.29	-0.07
8/31/2024 3:00	54.59	21.70	23.34	58029.55	167.49	28.68	-0.20
8/31/2024 4:00	7.04	17.20	16.52	74807.24	83.34	30.06	-0.46
8/31/2024 5:00	6.28	18.55	17.89	78192.90	86.32	31.57	-0.45
8/31/2024 6:00	6.99	18.25	17.44	75967.59	86.51	32.36	-0.47

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/31/2024 7:00	6.51	17.78	17.57	74575.48	88.84	32.10	-0.47
8/31/2024 8:00	6.19	18.09	17.70	77195.88	86.51	31.87	-0.48
8/31/2024 9:00	6.72	18.37	18.01	77512.63	87.69	32.58	-0.48
8/31/2024 10:00	5.96	18.72	18.34	79072.70	87.46	34.71	-0.47
8/31/2024 11:00	5.82	18.42	17.32	75812.51	86.11	38.46	-0.47
8/31/2024 12:00	6.14	18.84	18.72	80695.66	87.53	41.77	-0.47
8/31/2024 13:00	7.09	19.63	18.91	82022.63	87.00	44.20	-0.46
8/31/2024 14:00	7.54	19.52	18.63	81720.55	86.01	45.76	-0.46
8/31/2024 15:00	7.96	19.55	18.87	82405.95	86.41	45.97	-0.47
8/31/2024 16:00	8.05	19.03	17.71	76643.49	87.16	44.70	-0.47
8/31/2024 17:00	8.34	19.27	19.23	81433.41	89.09	42.39	-0.47
8/31/2024 18:00	8.41	19.43	18.68	80103.68	87.99	40.04	-0.47
8/31/2024 19:00	47.50	24.75	22.57	60254.91	169.84	34.61	-0.24
8/31/2024 20:00	9.25	19.44	17.85	77947.63	86.39	34.29	-0.45
8/31/2024 21:00	7.56	19.38	17.59	76520.60	86.74	35.14	-0.44
8/31/2024 22:00	8.18	18.47	17.18	74037.27	87.55	35.05	-0.45
8/31/2024 23:00	30.15	21.73	19.20	60567.42	128.14	31.75	-0.33
9/1/2024	10.97	18.93	16.85	71566.82	88.83	30.38	-0.43
9/1/2024 1:00	8.94	19.13	17.76	74686.13	89.70	31.56	-0.44
9/1/2024 2:00	8.72	19.30	17.50	74245.77	88.92	31.52	-0.44
9/1/2024 3:00	8.65	19.17	17.51	73612.22	89.69	30.89	-0.44
9/1/2024 4:00	8.54	18.50	15.98	69105.89	87.42	30.26	-0.44
9/1/2024 5:00	8.16	18.54	17.59	73244.67	90.58	29.78	-0.45
9/1/2024 6:00	8.26	18.65	17.36	73493.34	89.12	29.58	-0.45
9/1/2024 7:00	8.24	18.83	17.70	74777.34	89.25	29.61	-0.45
9/1/2024 8:00	8.27	17.57	14.24	61896.23	86.94	30.45	-0.45
9/1/2024 9:00	7.27	18.63	17.93	75860.14	89.13	32.02	-0.47
9/1/2024 10:00	7.93	19.47	18.22	78745.73	87.29	33.51	-0.48
9/1/2024 11:00	7.67	19.37	18.94	80751.50	88.45	34.34	-0.49
9/1/2024 12:00	7.36	19.70	18.94	81753.73	87.37	34.91	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/1/2024 13:00	7.78	19.45	18.72	80077.00	88.18	37.29	-0.48
9/1/2024 14:00	8.13	19.21	18.01	78746.65	86.24	39.56	-0.48
9/1/2024 15:00	8.48	19.42	17.76	76898.59	87.13	40.09	-0.49
9/1/2024 16:00	8.45	19.37	17.94	77309.20	87.56	38.31	-0.48
9/1/2024 17:00	8.10	19.13	18.42	77869.45	89.21	36.70	-0.47
9/1/2024 18:00	8.67	19.16	18.10	77121.82	88.54	35.12	-0.48
9/1/2024 19:00	8.52	17.08	13.88	59959.50	86.98	33.69	-0.48
9/1/2024 20:00	7.53	18.50	17.41	74804.77	87.77	31.92	-0.49
9/1/2024 21:00	7.73	18.70	17.28	74452.77	87.54	30.42	-0.49
9/1/2024 22:00	7.59	18.71	17.83	75852.33	88.67	29.77	-0.48
9/1/2024 23:00	7.63	17.89	15.39	67144.66	86.78	28.90	-0.48
9/2/2024	8.54	18.15	17.61	71116.83	93.31	27.78	-0.48
9/2/2024 1:00	8.31	18.77	16.69	72644.23	86.67	26.16	-0.49
9/2/2024 2:00	7.27	18.10	17.53	74614.70	88.63	26.04	-0.48
9/2/2024 3:00	6.97	17.91	17.04	73640.16	87.25	25.52	-0.49
9/2/2024 4:00	6.95	18.03	17.18	73581.40	88.03	25.12	-0.49
9/2/2024 5:00	6.60	18.07	16.88	72921.87	87.33	24.53	-0.49
9/2/2024 6:00	6.83	17.88	16.97	72905.09	87.79	23.99	-0.49
9/2/2024 7:00	14.34	19.36	18.30	71045.23	99.02	22.97	-0.46
9/2/2024 8:00	7.94	17.74	17.19	74162.38	87.50	23.38	-0.49
9/2/2024 9:00	6.64	18.29	17.45	76720.80	85.81	25.99	-0.49
9/2/2024 10:00	6.46	18.82	17.58	76320.48	86.91	28.14	-0.49
9/2/2024 11:00	6.72	17.49	13.73	61956.10	83.71	30.03	-0.51
9/2/2024 12:00	6.76	18.33	17.84	77622.07	86.71	32.28	-0.51
9/2/2024 13:00	7.19	18.48	17.47	77375.73	85.15	34.45	-0.51
9/2/2024 14:00	6.95	18.84	17.49	77560.37	85.05	36.14	-0.50
9/2/2024 15:00	6.64	18.49	17.12	76535.91	84.38	37.37	-0.50
9/2/2024 16:00	5.97	18.53	17.30	77016.15	84.75	36.70	-0.50
9/2/2024 17:00	6.37	18.19	17.14	75884.05	85.19	34.88	-0.50
9/2/2024 18:00	6.23	18.03	17.44	76693.88	85.76	33.00	-0.49

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/2/2024 19:00	5.84	17.85	16.97	74795.03	85.61	31.52	-0.49
9/2/2024 20:00	5.67	17.57	17.22	74908.25	86.75	30.53	-0.47
9/2/2024 21:00	6.25	17.56	16.89	73696.97	86.44	29.97	-0.47
9/2/2024 22:00	5.45	17.48	16.67	72656.86	86.58	29.41	-0.47
9/2/2024 23:00	4.99	17.10	16.20	71307.61	85.64	28.70	-0.47
9/3/2024	5.34	17.27	16.95	73216.71	87.32	27.97	-0.47
9/3/2024 1:00	5.39	16.96	16.57	72606.03	86.07	27.55	-0.47
9/3/2024 2:00	5.14	17.17	16.72	73114.41	86.23	27.19	-0.47
9/3/2024 3:00	4.69	17.01	17.03	73420.73	87.50	26.83	-0.47
9/3/2024 4:00	4.46	17.04	16.79	72679.59	87.19	26.60	-0.47
9/3/2024 5:00	4.54	17.02	17.09	74060.01	87.04	26.26	-0.48
9/3/2024 6:00	4.28	16.84	16.70	73880.72	85.23	25.72	-0.48
9/3/2024 7:00	4.64	16.00	15.01	65134.40	86.54	25.45	-0.48
9/3/2024 8:00	4.77	17.14	17.53	76377.92	86.58	26.13	-0.49
9/3/2024 9:00	4.70	17.64	18.02	78237.60	86.88	27.89	-0.48
9/3/2024 10:00	5.05	17.47	17.55	77932.99	84.96	30.33	-0.48
9/3/2024 11:00	4.60	17.61	18.05	79116.37	86.06	33.64	-0.48
9/3/2024 12:00	5.05	18.12	17.87	78879.70	85.44	37.01	-0.48
9/3/2024 13:00	5.58	18.16	17.76	78570.20	85.27	40.50	-0.48
9/3/2024 14:00	5.99	18.71	17.28	77727.05	83.84	42.90	-0.48
9/3/2024 15:00	5.90	18.62	17.99	78656.98	86.31	43.99	-0.48
9/3/2024 16:00	6.43	18.18	17.66	77977.05	85.39	42.62	-0.47
9/3/2024 17:00	6.15	18.28	18.40	79106.32	87.76	40.61	-0.47
9/3/2024 18:00	6.83	18.51	17.41	76956.42	85.14	38.45	-0.47
9/3/2024 19:00	6.59	16.74	14.63	62777.52	87.58	36.66	-0.47
9/3/2024 20:00	6.32	17.70	17.94	78102.20	86.61	34.91	-0.47
9/3/2024 21:00	5.93	17.88	17.45	75521.04	87.15	33.29	-0.47
9/3/2024 22:00	5.69	17.87	17.24	75422.85	86.22	31.60	-0.47
9/3/2024 23:00	5.42	17.59	17.18	75460.89	85.87	30.18	-0.47
9/4/2024	4.80	17.41	16.65	72705.36	86.19	29.24	-0.47

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/4/2024 1:00	4.91	17.76	17.44	76057.52	86.48	28.40	-0.47
9/4/2024 2:00	4.39	17.60	17.70	76539.52	87.24	27.85	-0.47
9/4/2024 3:00	4.83	17.60	17.58	76572.49	86.58	27.41	-0.47
9/4/2024 4:00	4.42	17.71	17.93	77776.11	86.95	27.04	-0.47
9/4/2024 5:00	4.38	17.52	17.81	76986.12	87.28	26.76	-0.47
9/4/2024 6:00	4.70	17.81	17.21	76225.04	85.19	26.67	-0.48
9/4/2024 7:00	4.26	16.91	15.78	68051.77	87.56	26.63	-0.48
9/4/2024 8:00	4.44	17.44	17.54	76058.16	86.59	27.24	-0.48
9/4/2024 9:00					80.29	29.57	-0.49
9/4/2024 10:00					78.31	32.87	-0.48
9/4/2024 11:00					79.41	36.64	-0.48
9/4/2024 12:00					78.89	40.31	-0.48
9/4/2024 13:00					78.85	43.35	-0.47
9/4/2024 14:00					78.36	45.48	-0.47
9/4/2024 15:00					79.00	46.15	-0.48
9/4/2024 16:00					78.40	45.07	-0.47
9/4/2024 17:00	6.65	9.00	1.95		79.40	42.50	-0.47
9/4/2024 18:00	6.79	8.22	1.76		77.82	40.25	-0.47
9/4/2024 19:00	8.97	8.30	1.64		106.16	37.00	-0.48
9/4/2024 20:00	5.56	6.92	1.68		77.31	35.40	-0.47
9/4/2024 21:00	5.97	6.94	1.74		78.23	34.34	-0.47
9/4/2024 22:00	6.33	7.24	1.78		78.28	33.17	-0.47
9/4/2024 23:00	5.68	6.78	1.60		79.12	32.14	-0.47
9/5/2024	5.93	7.03	1.84		78.30	31.18	-0.47
9/5/2024 1:00	5.53	7.23	1.91		80.15	30.57	-0.47
9/5/2024 2:00	5.74	7.69	1.88		79.00	30.01	-0.47
9/5/2024 3:00	5.62	7.21	1.90		78.91	29.70	-0.47
9/5/2024 4:00	5.48	7.31	1.87		79.44	29.36	-0.48
9/5/2024 5:00	5.48	7.07	1.90		78.98	29.17	-0.48
9/5/2024 6:00	5.62	7.08	1.87		79.08	28.95	-0.48

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/5/2024 7:00	4.82	7.08	1.73		77.22	28.88	-0.49
9/5/2024 8:00	5.35	7.12	2.02		80.84	29.18	-0.48
9/5/2024 9:00					79.05	31.17	-0.48
9/5/2024 10:00					80.79	34.52	-0.47
9/5/2024 11:00	4.98	7.61	1.83	8862.88	77.66	38.08	-0.47
9/5/2024 12:00	5.99	7.29	1.80	8581.61	79.16	41.52	-0.47
9/5/2024 13:00	6.12	6.94	1.78	8548.30	77.96	44.41	-0.47
9/5/2024 14:00	6.86	6.31	1.62	7530.27	80.97	46.11	-0.47
9/5/2024 15:00	6.92	6.58	1.71	8141.99	78.93	46.42	-0.46
9/5/2024 16:00	6.61	6.03	1.57	7436.26	79.59	45.19	-0.46
9/5/2024 17:00	6.57	5.96	1.56	7364.87	79.50	43.11	-0.46
9/5/2024 18:00	6.97	6.08	1.55	7426.93	78.72	41.22	-0.46
9/5/2024 19:00	6.40	6.04	1.58	7493.55	79.14	39.82	-0.46
9/5/2024 20:00	6.58	5.59	1.61	7597.11	79.63	38.40	-0.46
9/5/2024 21:00	6.04	5.84	1.60	7605.35	79.16	36.93	-0.47
9/5/2024 22:00	6.32	5.91	1.58	7503.31	79.31	35.66	-0.46
9/5/2024 23:00	5.65	5.71	1.64	7781.77	79.17	34.78	-0.46
9/6/2024	6.04	6.22	1.66	7798.91	79.96	34.12	-0.46
9/6/2024 1:00	6.26	6.03	1.69	7878.83	80.53	33.74	-0.47
9/6/2024 2:00	6.11	6.08	1.61	7759.09	78.21	33.31	-0.47
9/6/2024 3:00	5.82	6.14	1.63	7751.97	79.41	32.44	-0.46
9/6/2024 4:00	5.25	6.11	1.66	7655.98	81.48	31.70	-0.46
9/6/2024 5:00	5.66	6.21	1.74	8267.60	79.03	31.50	-0.47
9/6/2024 6:00	6.06	6.56	1.80	8444.61	80.45	31.59	-0.47
9/6/2024 7:00	5.66	6.52	1.81	8635.73	78.97	31.68	-0.47
9/6/2024 8:00	5.91	8.10	4.69	20529.72	82.67	31.28	-0.47
9/6/2024 9:00	6.18	15.59	17.11	74771.96	86.21	30.70	-0.48
9/6/2024 10:00	5.88	16.55	18.85	81104.63	87.71	30.54	-0.49
9/6/2024 11:00	10.47	16.91	21.33	77773.95	118.58	30.65	-0.44
9/6/2024 12:00	12.95	18.65	18.34	80784.67	85.71	30.26	-0.47

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/6/2024 13:00	6.56	17.86	18.67	80455.43	87.53	31.33	-0.48
9/6/2024 14:00	6.67	17.82	17.81	78430.14	85.86	31.79	-0.49
9/6/2024 15:00	6.22	17.99	18.94	81677.20	87.48	31.99	-0.49
9/6/2024 16:00	16.84	19.29	21.36	71191.85	116.41	30.40	-0.43
9/6/2024 17:00	69.47	27.62	25.96	54476.96	179.62	27.16	-0.20
9/6/2024 18:00	70.42	26.03	25.74	53131.55	182.41	25.38	-0.16
9/6/2024 19:00	70.41	24.94	25.46	52189.12	183.77	23.73	-0.17
9/6/2024 20:00	67.85	23.92	24.96	51389.38	182.92	22.11	-0.17
9/6/2024 21:00	67.99	23.37	24.65	50563.47	183.59	20.69	-0.17
9/6/2024 22:00	67.50	23.01	24.69	50384.94	184.54	20.00	-0.16
9/6/2024 23:00	68.36	19.87	17.57	36276.47	181.58	19.34	-0.16
9/7/2024	65.45	21.62	24.69	50704.25	183.38	18.65	-0.17
9/7/2024 1:00	65.13	21.73	24.85	50800.08	184.24	18.00	-0.17
9/7/2024 2:00	64.33	21.14	25.00	51160.30	184.06	17.76	-0.16
9/7/2024 3:00	64.59	21.18	24.89	51255.95	182.88	17.54	-0.16
9/7/2024 4:00	62.88	21.30	25.22	51804.10	183.35	17.24	-0.16
9/7/2024 5:00	63.34	21.53	24.61	50300.76	184.09	16.85	-0.17
9/7/2024 6:00	63.40	21.17	24.88	50634.43	185.11	16.52	-0.16
9/7/2024 7:00	26.90	17.62	19.39	71194.21	111.51	17.48	-0.36
9/7/2024 8:00	5.69	16.16	17.84	77817.93	86.53	19.96	-0.46
9/7/2024 9:00	5.49	17.36	18.67	80043.39	88.01	22.44	-0.46
9/7/2024 10:00	5.39	17.10	18.44	79786.37	87.20	24.08	-0.40
9/7/2024 11:00	4.93	16.86	17.44	76186.63	86.34	25.29	-0.39
9/7/2024 12:00	5.16	17.17	17.35	75335.73	86.84	26.32	-0.39
9/7/2024 13:00	5.34	17.28	17.82	77216.70	87.10	26.50	-0.39
9/7/2024 14:00	5.06	17.42	18.18	79055.97	86.74	26.55	-0.39
9/7/2024 15:00	5.24	17.39	18.32	78687.87	87.80	26.22	-0.40
9/7/2024 16:00	5.12	17.15	17.33	75133.82	86.95	26.70	-0.40
9/7/2024 17:00	4.97	17.74	18.55	78805.32	88.79	26.12	-0.40
9/7/2024 18:00	5.17	17.48	18.27	78624.09	87.65	25.26	-0.40

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/7/2024 19:00	4.78	17.18	16.73	74601.47	84.45	24.72	-0.41
9/7/2024 20:00	4.27	17.69	18.59	82472.39	85.08	24.38	-0.39
9/7/2024 21:00	4.28	17.37	18.41	78820.28	88.10	23.91	-0.38
9/7/2024 22:00	4.85	17.21	18.54	79432.13	88.05	23.64	-0.40
9/7/2024 23:00	4.72	17.12	18.70	80762.48	87.37	22.77	-0.41
9/8/2024	4.37	17.09	19.05	81539.89	88.17	21.62	-0.41
9/8/2024 1:00	4.34	17.15	19.15	82982.37	87.06	20.96	-0.40
9/8/2024 2:00	4.42	17.05	19.16	83095.28	86.99	21.00	-0.41
9/8/2024 3:00	4.18	17.29	19.62	84148.25	87.94	20.88	-0.39
9/8/2024 4:00	3.42	16.85	17.11	76871.63	83.78	21.28	-0.38
9/8/2024 5:00	3.99	17.44	19.50	87695.96	83.88	21.19	-0.38
9/8/2024 6:00	3.63	17.21	19.24	86240.88	84.20	20.84	-0.39
9/8/2024 7:00	4.19	17.43	19.89	85054.18	88.22	20.07	-0.39
9/8/2024 8:00	4.25	17.64	20.47	87479.70	88.26	20.47	-0.39
9/8/2024 9:00	3.99	17.46	20.41	87792.41	87.65	22.13	-0.39
9/8/2024 10:00	4.12	17.91	20.69	89708.55	86.99	25.28	-0.40
9/8/2024 11:00	4.09	18.32	20.84	90241.46	87.11	28.39	-0.40
9/8/2024 12:00	4.72	18.49	21.28	92764.82	86.53	31.86	-0.39
9/8/2024 13:00	5.31	19.13	21.22	92092.91	86.93	35.93	-0.38
9/8/2024 14:00	5.31	19.34	21.05	91879.41	86.43	37.64	-0.40
9/8/2024 15:00	5.92	18.10	17.27	74821.66	86.33	37.61	-0.38
9/8/2024 16:00	5.61	18.66	18.69	81463.95	86.62	36.03	-0.46
9/8/2024 17:00	5.70	19.27	21.55	89811.07	90.50	34.83	-0.45
9/8/2024 18:00	5.60	19.46	20.87	89023.72	88.43	33.40	-0.44
9/8/2024 19:00	5.13	18.83	19.27	83007.90	87.71	31.84	-0.44
9/8/2024 20:00	4.10	18.73	20.39	87433.59	87.96	29.73	-0.44
9/8/2024 21:00	3.98	18.15	20.05	86372.70	87.53	28.35	-0.45
9/8/2024 22:00	3.75	17.96	20.52	86203.51	89.80	27.39	-0.45
9/8/2024 23:00	3.38	18.17	20.25	86906.59	87.89	27.21	-0.45
9/9/2024	3.28	17.76	20.17	86611.53	87.90	27.02	-0.45

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/9/2024 1:00	3.53	17.82	20.08	85311.53	88.77	26.46	-0.45
9/9/2024 2:00	3.78	18.11	19.72	84868.54	87.63	25.50	-0.45
9/9/2024 3:00	3.50	17.48	17.92	77228.66	87.37	25.37	-0.46
9/9/2024 4:00	2.93	17.65	19.97	84836.12	88.76	25.08	-0.46
9/9/2024 5:00	3.50	17.87	20.21	85681.04	89.01	24.81	-0.46
9/9/2024 6:00	3.54	17.53	20.04	85788.24	88.12	24.71	-0.45
9/9/2024 7:00	3.27	17.55	20.11	86010.20	88.18	24.53	-0.45
9/9/2024 8:00	3.25	17.83	19.99	86648.67	87.01	25.03	-0.43
9/9/2024 9:00	3.47	18.15	20.38	88405.32	86.95	26.09	-0.42
9/9/2024 10:00	3.35	18.57	20.42	88807.65	86.76	27.81	-0.41
9/9/2024 11:00	3.75	18.96	20.88	89528.18	87.98	31.81	-0.41
9/9/2024 12:00	6.05	19.91	21.69	90173.88	90.88	36.15	-0.40
9/9/2024 13:00	5.06	20.24	21.82	93080.27	88.51	39.42	-0.42
9/9/2024 14:00	5.30	20.02	20.08	87002.95	87.41	39.40	-0.43
9/9/2024 15:00	6.59	20.86	21.94	84685.30	97.81	38.50	-0.43
9/9/2024 16:00	6.45	20.64	20.64	84187.38	92.69	37.74	-0.43
9/9/2024 17:00	6.46	20.43	20.75	80984.15	96.91	34.73	-0.44
9/9/2024 18:00	4.83	19.36	19.43	83172.88	88.14	32.98	-0.45
9/9/2024 19:00	4.59	18.07	16.38	72464.00	85.10	31.48	-0.45
9/9/2024 20:00	4.19	18.56	18.69	82057.68	85.88	29.82	-0.44
9/9/2024 21:00	4.38	18.24	18.99	81299.34	88.13	28.83	-0.43
9/9/2024 22:00	3.68	18.09	18.96	81069.77	88.19	28.32	-0.43
9/9/2024 23:00	3.96	18.54	18.99	82050.00	87.32	27.87	-0.42
9/10/2024	3.94	17.95	18.35	79750.70	86.71	27.84	-0.41
9/10/2024 1:00	3.45	18.16	19.45	81352.70	90.22	27.76	-0.41
9/10/2024 2:00	3.98	18.11	18.83	82143.54	86.54	27.51	-0.41
9/10/2024 3:00	3.69	17.93	19.09	80284.72	89.70	27.03	-0.42
9/10/2024 4:00	3.58	17.99	18.16	79816.89	85.83	26.54	-0.42
9/10/2024 5:00	3.77	17.52	18.67	78376.41	89.88	26.13	-0.42
9/10/2024 6:00	3.88	16.91	16.63	73919.27	85.17	26.00	-0.42

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/10/2024 7:00	3.17	17.51	18.06	77853.23	87.54	25.58	-0.42
9/10/2024 8:00	3.75	17.47	18.95	80607.16	88.72	25.80	-0.43
9/10/2024 9:00	3.49	17.49	19.12	81532.98	88.49	27.66	-0.43
9/10/2024 10:00	3.35	17.94	19.13	82491.95	87.44	30.58	-0.42
9/10/2024 11:00	3.30	18.80	19.40	83428.11	87.89	34.15	-0.42
9/10/2024 12:00	19.76	21.22	23.02	77496.80	127.36	36.20	-0.30
9/10/2024 13:00	6.17	19.81	18.60	83072.35	84.45	39.42	-0.42
9/10/2024 14:00	4.80	19.06	17.63	77928.95	84.89	41.02	-0.42
9/10/2024 15:00	4.82	19.33	18.75	81751.09	86.54	41.10	-0.42
9/10/2024 16:00	4.80	18.44	15.53	69808.37	83.86	40.26	-0.42
9/10/2024 17:00	4.30	19.54	18.12	79177.80	86.36	38.04	-0.42
9/10/2024 18:00	4.07	19.23	18.05	79420.16	85.75	36.46	-0.41
9/10/2024 19:00	3.97	19.18	18.07	80172.00	85.04	35.09	-0.41
9/10/2024 20:00	3.39	18.55	17.73	78477.88	85.26	33.51	-0.42
9/10/2024 21:00	3.57	18.32	17.39	77032.71	85.29	32.18	-0.43
9/10/2024 22:00	3.66	18.36	18.01	77203.21	87.99	30.91	-0.43
9/10/2024 23:00	3.04	17.88	16.52	74415.50	83.62	29.86	-0.42
9/11/2024	3.43	10.74	2.47	11611.36	79.88	29.87	-0.43
9/11/2024 1:00	3.42	9.29	1.99	9409.66	79.54	29.35	-0.43
9/11/2024 2:00	3.35	8.83	1.88	9236.62	76.59	29.02	-0.42
9/11/2024 3:00	3.21	8.33	1.94	9168.52	79.68	28.77	-0.42
9/11/2024 4:00	3.42	8.14	1.94	9233.14	79.06	28.46	-0.43
9/11/2024 5:00	2.93	8.18	1.89	9126.97	77.93	28.10	-0.43
9/11/2024 6:00	2.97	8.00	1.82	8833.19	80.73	28.01	-0.43
9/11/2024 7:00					80.56	27.67	-0.43
9/11/2024 8:00					81.17	27.82	-0.43
9/11/2024 9:00	5.65	7.94	2.07	9479.12	81.92	29.45	-0.42
9/11/2024 10:00	37.50	12.69	2.80	8123.58	134.62	31.13	-0.30
9/11/2024 11:00	64.74	14.69	3.08	6431.02	177.50	32.86	-0.17
9/11/2024 12:00	54.30	12.10	2.79	5963.57	174.30	36.15	-0.19

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/11/2024 13:00	45.79	10.36	2.53	5732.22	164.89	39.11	-0.21
9/11/2024 14:00	39.52	9.35	2.31	5389.14	160.29	40.79	-0.23
9/11/2024 15:00	31.36	9.28	2.53	5066.23	189.20	40.37	-0.25
9/11/2024 16:00	31.93	9.01	2.47	5023.44	184.98	38.84	-0.26
9/11/2024 17:00	27.31	7.90	2.07	5130.23	155.52	36.52	-0.28
9/11/2024 18:00	29.21	7.34	2.04	5090.51	150.57	34.11	-0.25
9/11/2024 19:00	27.27	7.21	2.01	5007.61	150.49	32.16	-0.25
9/11/2024 20:00	24.94	7.30	2.38	5850.85	155.80	30.34	-0.24
9/11/2024 21:00	5.39	4.95	1.70	8336.51	76.88	31.26	-0.42
9/11/2024 22:00	4.15	5.36	1.78	8196.76	81.42	31.87	-0.42
9/11/2024 23:00	12.22	6.83	2.07	6895.84	127.34	29.58	-0.34
9/12/2024	29.69	8.16	2.30	4250.55	201.38	24.56	-0.16
9/12/2024 1:00	26.12	7.74	2.14	3899.96	203.88	23.96	-0.16
9/12/2024 2:00	23.38	6.80	2.23	4165.93	199.98	23.40	-0.17
9/12/2024 3:00	21.29	6.87	2.14	4041.23	197.37	22.95	-0.17
9/12/2024 4:00	18.78	6.31	2.06	3916.42	196.43	22.51	-0.18
9/12/2024 5:00	17.04	6.49	2.19	4235.48	193.73	22.19	-0.19
9/12/2024 6:00	15.82	6.41	2.11	4080.72	193.74	21.88	-0.19
9/12/2024 7:00	14.02	6.63	2.28	4356.61	197.10	21.51	-0.18
9/12/2024 8:00	12.40	6.08	2.34	4621.31	189.70	22.72	-0.21
9/12/2024 9:00	12.23	6.16	2.33	4507.09	193.89	25.50	-0.20
9/12/2024 10:00	10.97	6.42	2.34	4625.11	189.96	29.20	-0.20
9/12/2024 11:00	10.02	6.22	2.42	4855.78	187.25	32.98	-0.21
9/12/2024 12:00	8.86	6.23	2.37	4780.77	186.41	37.41	-0.21
9/12/2024 13:00	8.61	5.98	2.21	4421.49	187.83	41.00	-0.20
9/12/2024 14:00	8.43	6.47	2.30	4482.65	192.81	43.14	-0.20
9/12/2024 15:00	7.37	6.46	2.19	4430.23	190.14	43.21	-0.24
9/12/2024 16:00	7.56	6.65	2.13	4806.06	173.32	40.24	-0.31
9/12/2024 17:00	5.98	6.73	2.00	5587.12	137.67	36.50	-0.38
9/12/2024 18:00	3.03	4.94	1.88	8501.92	83.64	35.69	-0.42

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/12/2024 19:00	3.86	9.61	11.21	48698.41	84.30	35.66	-0.41
9/12/2024 20:00	3.42	16.03	20.37	88138.92	87.23	34.81	-0.40
9/12/2024 21:00	3.53	16.68	20.10	87014.60	87.15	34.21	-0.41
9/12/2024 22:00	2.84	17.20	19.85	87466.38	85.63	33.50	-0.41
9/12/2024 23:00	2.29	17.06	20.56	88568.50	87.60	32.92	-0.42
9/13/2024	2.44	17.24	20.18	88227.15	86.34	32.06	-0.42
9/13/2024 1:00	2.32	17.72	20.49	88613.70	87.25	31.53	-0.42
9/13/2024 2:00	2.30	17.63	20.41	89674.17	85.85	31.01	-0.43
9/13/2024 3:00	2.06	17.41	20.39	90022.91	85.44	30.53	-0.42
9/13/2024 4:00	1.89	17.07	19.41	84459.26	86.46	30.22	-0.42
9/13/2024 5:00	2.07	17.51	20.69	90836.48	85.96	29.70	-0.41
9/13/2024 6:00	2.13	17.22	19.75	87621.43	84.75	29.46	-0.42
9/13/2024 7:00	2.21	16.69	18.27	80568.29	85.23	29.38	-0.42
9/13/2024 8:00	1.82	17.57	20.93	90978.67	86.90	29.56	-0.42
9/13/2024 9:00	2.12	18.16	21.08	92923.29	85.62	31.12	-0.42
9/13/2024 10:00	2.20	18.67	21.56	94314.40	86.26	33.87	-0.42
9/13/2024 11:00	2.34	18.87	21.73	96097.96	85.28	37.27	-0.42
9/13/2024 12:00	2.14	19.23	21.93	96687.23	85.59	40.86	-0.42
9/13/2024 13:00	2.98	19.32	21.83	96369.02	85.47	43.65	-0.42
9/13/2024 14:00	3.09	19.82	22.21	92341.08	91.09	45.12	-0.43
9/13/2024 15:00	5.29	20.50	21.88	76163.30	111.55	44.04	-0.43
9/13/2024 16:00	2.01	20.21	21.68	100246.05	81.59	44.16	-0.43
9/13/2024 17:00	2.81	19.84	21.44	95370.23	84.82	42.60	-0.42
9/13/2024 18:00	2.90	19.75	21.18	94187.99	84.79	40.76	-0.42
9/13/2024 19:00	2.51	19.38	21.30	93074.01	86.32	39.12	-0.42
9/13/2024 20:00	2.46	19.13	20.51	90854.68	85.14	37.28	-0.42
9/13/2024 21:00	2.28	18.90	20.28	89941.78	85.09	35.86	-0.42
9/13/2024 22:00	2.09	18.43	19.90	89168.99	84.16	34.43	-0.42
9/13/2024 23:00	2.40	17.75	18.74	83009.38	84.92	33.24	-0.43
9/14/2024	2.22	17.99	20.30	90105.66	84.98	32.17	-0.43

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/14/2024 1:00	2.12	17.92	20.28	90653.30	84.41	31.34	-0.43
9/14/2024 2:00	1.77	17.72	20.44	90937.09	84.77	30.64	-0.43
9/14/2024 3:00	1.97	17.77	21.07	91210.13	87.14	30.02	-0.43
9/14/2024 4:00	1.85	17.70	20.43	89934.76	85.69	29.51	-0.43
9/14/2024 5:00	1.67	17.79	20.65	90678.03	85.96	29.35	-0.42
9/14/2024 6:00	1.76	17.78	20.35	90974.08	84.42	29.20	-0.42
9/14/2024 7:00	1.77	16.86	17.30	76030.64	85.46	29.24	-0.43
9/14/2024 8:00	1.37	17.67	20.51	91068.63	84.93	29.16	-0.43
9/14/2024 9:00	1.87	17.72	21.34	92914.96	86.65	30.58	-0.43
9/14/2024 10:00	1.84	18.26	21.28	93621.17	85.74	33.32	-0.42
9/14/2024 11:00	1.98	18.99	21.40	94406.11	85.50	36.72	-0.42
9/14/2024 12:00	2.33	19.58	21.58	96402.91	84.48	40.41	-0.42
9/14/2024 13:00	2.60	20.24	21.71	94071.02	86.88	43.34	-0.42
9/14/2024 14:00	2.90	20.40	21.68	93276.99	87.75	45.25	-0.42
9/14/2024 15:00	5.12	21.22	23.27	82851.54	110.24	44.87	-0.39
9/14/2024 16:00	19.24	25.32	25.08	62032.50	152.62	40.79	-0.28
9/14/2024 17:00	25.87	25.57	25.54	64289.43	149.83	37.46	-0.27
9/14/2024 18:00	34.83	26.03	26.81	62017.10	163.57	34.44	-0.24
9/14/2024 19:00	48.53	26.19	28.09	55552.32	190.52	31.37	-0.18
9/14/2024 20:00	53.77	25.58	28.12	55350.13	191.41	28.85	-0.16
9/14/2024 21:00	56.38	25.26	28.05	55514.77	190.29	27.36	-0.16
9/14/2024 22:00	59.65	23.67	27.46	54173.07	191.07	26.39	-0.16
9/14/2024 23:00	60.76	23.87	28.80	56637.50	191.54	25.50	-0.15
9/15/2024	63.24	23.50	28.96	55968.60	194.97	24.89	-0.15
9/15/2024 1:00	63.06	23.10	28.85	56561.02	192.13	24.27	-0.16
9/15/2024 2:00	63.38	23.24	28.96	56946.82	191.59	23.49	-0.17
9/15/2024 3:00	62.80	23.29	29.62	58162.27	191.84	23.07	-0.17
9/15/2024 4:00	63.91	22.63	28.81	55749.16	194.54	22.82	-0.16
9/15/2024 5:00	63.17	22.11	29.37	57697.54	191.74	22.57	-0.16
9/15/2024 6:00	63.05	22.05	29.58	58141.87	191.68	22.12	-0.16

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/15/2024 7:00	65.23	19.21	18.79	37582.53	187.23	21.88	-0.17
9/15/2024 8:00	63.25	21.31	27.70	55446.42	188.17	23.45	-0.17
9/15/2024 9:00	64.59	21.61	29.69	58347.69	191.73	26.66	-0.16
9/15/2024 10:00	65.92	22.09	30.66	58989.86	195.89	30.77	-0.15
9/15/2024 11:00	68.08	20.81	26.01	50167.93	194.49	34.86	-0.14
9/15/2024 12:00	61.54	21.65	29.89	62012.87	181.81	38.39	-0.17
9/15/2024 13:00	64.73	22.30	31.06	60088.87	194.66	40.99	-0.14
9/15/2024 14:00	62.94	21.90	30.46	60365.36	190.19	42.95	-0.16
9/15/2024 15:00	60.88	21.67	29.96	61301.24	184.19	42.79	-0.17
9/15/2024 16:00	60.50	21.16	29.88	61107.96	184.29	40.95	-0.17
9/15/2024 17:00	61.73	21.94	29.81	60323.10	186.24	37.43	-0.17
9/15/2024 18:00	63.72	18.80	18.65	39092.39	176.58	34.50	-0.18
9/15/2024 19:00	65.16	10.32	3.50	7613.26	171.55	31.96	-0.18
9/15/2024 20:00	63.71	9.75	4.16	9119.82	170.52	29.38	-0.19
9/15/2024 21:00	64.09	8.60	4.02	8716.48	172.33	27.37	-0.18
9/15/2024 22:00	65.04	8.56	4.20	9017.64	173.95	26.29	-0.18
9/15/2024 23:00	66.50	8.16	3.70	7776.15	177.68	25.58	-0.17
9/16/2024	66.11	8.46	4.24	8867.08	178.96	25.02	-0.18
9/16/2024 1:00	65.82	8.04	4.38	9300.91	176.41	24.36	-0.18
9/16/2024 2:00	66.95	8.20	4.48	9334.48	179.55	23.57	-0.17
9/16/2024 3:00	66.06	7.85	4.42	9429.97	175.18	22.94	-0.18
9/16/2024 4:00	65.17	7.66	3.86	8246.79	175.18	22.39	-0.18
9/16/2024 5:00	65.89	7.25	4.32	9074.78	177.98	21.91	-0.17
9/16/2024 6:00	64.28	7.73	4.03	8836.19	171.36	21.68	-0.18
9/16/2024 7:00	64.13	7.43	4.10	8792.24	174.47	21.52	-0.19
9/16/2024 8:00	63.88	7.84	4.58	9873.32	173.72	22.81	-0.19
9/16/2024 9:00	73.52	7.62	5.26	9561.15	207.61	25.55	-0.11
9/16/2024 10:00	78.91	8.03	5.60	9230.25	226.84	30.02	-0.06
9/16/2024 11:00	78.01	8.47	5.64	9274.44	227.23	35.00	-0.06
9/16/2024 12:00	77.40	8.19	5.56	9129.23	227.48	39.99	-0.07

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/16/2024 13:00	76.09	7.64	5.44	9030.50	224.88	42.99	-0.07
9/16/2024 14:00	75.74	7.14	5.44	8973.30	226.56	44.33	-0.07
9/16/2024 15:00	76.25	7.05	5.44	8960.70	226.68	43.98	-0.07
9/16/2024 16:00	73.36	7.40	4.48	7673.63	218.25	42.62	-0.08
9/16/2024 17:00	71.96	6.83	5.04	8583.64	219.48	39.24	-0.08
9/16/2024 18:00	72.38	6.54	5.19	8821.17	220.17	36.44	-0.08
9/16/2024 19:00	70.97	6.75	4.13	7035.65	219.15	34.21	-0.08
9/16/2024 20:00	71.74	6.09	3.52	5927.18	221.30	31.84	-0.08
9/16/2024 21:00	71.83	5.37	3.55	5929.84	222.53	30.20	-0.07
9/16/2024 22:00	71.91	5.51	3.60	5936.12	226.03	29.31	-0.07
9/16/2024 23:00	72.21	5.27	3.21	5238.14	227.96	28.82	-0.06
9/17/2024	72.88	5.70	3.49	5677.82	228.46	28.39	-0.07
9/17/2024 1:00	72.35	5.79	3.48	5707.35	226.92	27.99	-0.07
9/17/2024 2:00	71.99	5.71	3.48	5733.37	225.84	27.46	-0.08
9/17/2024 3:00	68.89	11.93	27.45	44400.12	232.26	26.69	-0.07
9/17/2024 4:00	70.69	15.73	26.75	42373.25	237.43	25.97	-0.06
9/17/2024 5:00	71.27	17.55	27.69	44659.41	233.46	25.38	-0.06
9/17/2024 6:00	70.90	18.43	27.68	44716.94	233.07	24.71	-0.07
9/17/2024 7:00	69.08	18.79	25.53	42452.86	225.64	24.25	-0.09
9/17/2024 8:00	70.53	19.80	28.02	45375.49	232.49	25.30	-0.07
9/17/2024 9:00	71.13	20.06	28.45	46260.34	231.51	28.10	-0.06
9/17/2024 10:00	56.55	19.61	24.79	56704.65	184.19	31.79	-0.18
9/17/2024 11:00	9.43	17.42	19.87	87611.34	85.63	37.24	-0.44
9/17/2024 12:00	6.55	17.90	20.46	90585.71	85.19	42.87	-0.45
9/17/2024 13:00	6.28	18.56	20.86	89248.29	88.49	46.19	-0.44
9/17/2024 14:00	14.97	20.85	20.49	86639.29	89.76	47.35	-0.41
9/17/2024 15:00	7.31	20.52	20.70	90026.30	86.72	48.20	-0.44
9/17/2024 16:00	7.55	20.40	19.76	88482.63	84.36	47.48	-0.43
9/17/2024 17:00	7.23	20.64	20.23	89126.34	85.62	45.65	-0.44
9/17/2024 18:00	7.01	20.59	19.92	87356.41	86.08	43.97	-0.44

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/17/2024 19:00	7.00	20.91	19.71	85913.71	86.53	42.39	-0.44
9/17/2024 20:00	7.51	19.99	19.16	85253.85	84.76	40.95	-0.44
9/17/2024 21:00	34.85	25.78	24.05	69075.16	134.68	36.68	-0.30
9/17/2024 22:00	49.91	29.10	25.08	63672.95	148.41	32.82	-0.23
9/17/2024 23:00	49.84	28.37	23.79	60952.60	147.07	32.10	-0.24
9/18/2024	49.65	28.44	24.69	63400.48	146.73	31.26	-0.25
9/18/2024 1:00	49.96	27.75	24.77	63456.88	147.14	30.34	-0.25
9/18/2024 2:00	50.59	27.66	24.56	62835.25	147.25	29.69	-0.25
9/18/2024 3:00	49.87	27.42	24.24	62637.31	145.81	29.08	-0.25
9/18/2024 4:00	51.78	26.91	22.17	57288.30	145.90	28.54	-0.25
9/18/2024 5:00	51.11	27.14	24.35	61771.75	148.54	27.97	-0.25
9/18/2024 6:00	50.42	27.18	24.03	62081.95	145.85	27.62	-0.25
9/18/2024 7:00	50.09	26.64	22.34	57923.73	146.20	27.45	-0.26
9/18/2024 8:00					145.95	28.36	-0.21
9/18/2024 9:00					137.59	31.19	-0.24
9/18/2024 10:00					126.77	35.08	-0.26
9/18/2024 11:00					125.65	39.46	-0.28
9/18/2024 12:00					134.85	42.57	-0.25
9/18/2024 13:00					134.05	42.18	-0.26
9/18/2024 14:00					131.44	42.58	-0.28
9/18/2024 15:00	50.56	26.57	24.11	64010.83	141.94	41.90	-0.27
9/18/2024 16:00	52.26	26.20	20.51	54618.89	140.91	40.46	-0.26
9/18/2024 17:00	45.35	26.61	22.53	65091.41	130.57	38.30	-0.26
9/18/2024 18:00	45.07	26.29	22.57	65156.62	130.62	37.05	-0.26
9/18/2024 19:00	45.73	26.53	21.96	62876.23	131.65	35.40	-0.25
9/18/2024 20:00	44.78	26.52	21.48	62745.73	129.03	33.90	-0.25
9/18/2024 21:00	44.99	26.55	21.33	62053.08	129.57	32.76	-0.25
9/18/2024 22:00	45.41	25.88	21.23	61490.86	130.14	31.81	-0.26
9/18/2024 23:00	46.31	26.82	21.44	61414.32	131.53	31.05	-0.24
9/19/2024	46.88	26.81	21.40	61055.75	132.14	30.45	-0.23

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/19/2024 1:00	47.43	26.92	21.25	60649.35	132.01	30.15	-0.24
9/19/2024 2:00	46.79	26.86	21.51	62041.30	130.69	29.93	-0.25
9/19/2024 3:00	46.12	26.25	21.50	62186.89	130.29	29.60	-0.26
9/19/2024 4:00	46.35	26.35	21.08	61125.89	129.96	29.17	-0.26
9/19/2024 5:00	46.78	26.57	21.35	61262.20	131.24	28.85	-0.25
9/19/2024 6:00	47.12	26.80	21.11	60625.84	131.10	28.61	-0.25
9/19/2024 7:00	45.58	24.24	15.69	46561.68	123.21	28.48	-0.27
9/19/2024 8:00	45.94	26.44	21.31	61859.14	129.80	29.32	-0.25
9/19/2024 9:00	45.73	26.79	21.53	62700.39	129.39	31.75	-0.25
9/19/2024 10:00	45.50	26.77	21.81	63812.34	128.82	35.25	-0.25
9/19/2024 11:00	46.48	27.67	22.66	65327.81	130.76	39.03	-0.26
9/19/2024 12:00	46.77	27.72	23.07	66325.53	131.13	40.91	-0.26
9/19/2024 13:00	47.77	27.57	22.94	65771.13	131.49	43.48	-0.26
9/19/2024 14:00	46.31	27.03	22.14	64504.82	129.39	42.24	-0.27
9/19/2024 15:00	47.52	27.81	21.96	63762.30	129.80	41.50	-0.29
9/19/2024 16:00	47.31	26.43	20.43	60250.84	127.51	40.59	-0.28
9/19/2024 17:00	45.46	27.22	21.83	64156.50	128.21	39.18	-0.25
9/19/2024 18:00	46.20	27.40	21.33	62821.32	127.94	37.44	-0.27
9/19/2024 19:00	47.48	25.54	17.36	51688.95	126.57	35.76	-0.25
9/19/2024 20:00	46.89	26.54	20.75	60497.63	129.29	34.57	-0.25
9/19/2024 21:00	47.41	26.81	20.48	59223.66	130.24	33.36	-0.25
9/19/2024 22:00	48.08	27.23	20.69	58839.26	132.54	32.19	-0.24
9/19/2024 23:00	48.91	27.14	20.92	59935.80	131.54	31.46	-0.25
9/20/2024	48.09	26.95	20.55	59657.38	129.79	30.79	-0.25
9/20/2024 1:00	47.26	26.59	20.45	59045.60	130.48	30.24	-0.25
9/20/2024 2:00	48.36	26.66	20.43	58163.61	132.39	29.81	-0.24
9/20/2024 3:00	47.44	26.55	19.94	57829.80	129.94	29.21	-0.23
9/20/2024 4:00	47.67	26.94	20.58	59224.19	131.06	28.83	-0.24
9/20/2024 5:00	46.09	26.90	20.71	60089.34	129.88	28.72	-0.25
9/20/2024 6:00	46.11	26.32	19.77	57636.93	128.86	28.54	-0.26

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/20/2024 7:00	47.69	25.22	17.49	50739.89	129.53	28.24	-0.26
9/20/2024 8:00	45.80	26.71	19.63	57997.63	127.49	29.10	-0.26
9/20/2024 9:00	47.17	25.95	19.19	55527.38	130.37	31.19	-0.24
9/20/2024 10:00	47.62	27.13	21.61	62319.69	130.64	33.98	-0.26
9/20/2024 11:00	49.98	27.84	22.40	62520.82	135.09	35.15	-0.25
9/20/2024 12:00	48.44	27.78	22.29	64267.01	130.71	36.16	-0.26
9/20/2024 13:00	47.47	27.69	22.19	63774.98	131.12	38.83	-0.24
9/20/2024 14:00	51.42	28.11	22.43	61318.20	138.12	41.99	-0.24
9/20/2024 15:00	56.41	28.38	22.53	58235.75	145.82	41.72	-0.22
9/20/2024 16:00	56.53	27.53	20.04	52790.59	143.19	40.99	-0.22
9/20/2024 17:00	48.42	25.95	20.04	56309.37	134.18	39.41	-0.24
9/20/2024 18:00	48.32	25.17	16.61	48609.68	127.86	37.92	-0.25
9/20/2024 19:00	45.92	24.94	17.93	51671.21	130.82	36.49	-0.26
9/20/2024 20:00	47.35	25.72	18.12	52783.57	129.31	34.67	-0.26
9/20/2024 21:00	47.61	25.37	17.82	50534.30	132.91	33.46	-0.26
9/20/2024 22:00	46.11	24.94	16.90	49613.12	128.33	32.41	-0.26
9/20/2024 23:00	46.68	24.96	16.92	49491.29	128.79	31.51	-0.26
9/21/2024	45.70	25.09	16.84	49212.55	128.89	31.09	-0.26
9/21/2024 1:00	47.08	25.01	16.98	49141.55	130.21	30.89	-0.25
9/21/2024 2:00	49.50	25.65	16.78	48064.88	131.52	30.94	-0.24
9/21/2024 3:00	47.96	24.94	16.41	47452.39	130.26	30.84	-0.25
9/21/2024 4:00	48.47	24.99	16.46	47573.20	130.42	30.75	-0.25
9/21/2024 5:00	48.88	24.94	16.41	46409.51	133.23	30.38	-0.24
9/21/2024 6:00	49.88	22.72	12.16	35562.82	128.59	29.91	-0.25
9/21/2024 7:00	47.33	24.22	14.76	43394.24	128.17	29.68	-0.25
9/21/2024 8:00	48.13	24.20	15.71	45322.84	130.57	30.63	-0.27
9/21/2024 9:00	49.69	24.38	15.61	44694.09	131.57	31.83	-0.26
9/21/2024 10:00	54.48	25.25	16.53	44976.14	138.54	34.59	-0.25
9/21/2024 11:00	49.08	24.38	16.55	47534.21	131.17	38.07	-0.27
9/21/2024 12:00	51.76	24.90	16.89	46662.96	136.53	41.71	-0.25

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/21/2024 13:00	51.25	25.40	16.77	48037.87	131.61	45.62	-0.25
9/21/2024 14:00	48.50	24.33	16.35	47116.73	130.84	45.33	-0.26
9/21/2024 15:00	48.77	24.21	16.11	46860.68	129.53	44.84	-0.27
9/21/2024 16:00	48.91	23.80	14.37	42099.80	128.33	45.27	-0.26
9/21/2024 17:00	53.93	24.95	16.81	45488.88	139.17	42.18	-0.24
9/21/2024 18:00	53.41	24.54	16.11	44526.79	136.30	39.72	-0.25
9/21/2024 19:00	46.97	22.50	14.17	42165.30	126.41	37.60	-0.27
9/21/2024 20:00	47.45	23.59	14.78	43458.37	128.16	35.59	-0.25
9/21/2024 21:00	45.88	22.67	14.17	42651.69	125.11	34.62	-0.26
9/21/2024 22:00	45.46	22.53	13.86	42081.13	124.09	33.97	-0.26
9/21/2024 23:00	47.19	22.78	13.76	40979.91	126.51	33.17	-0.25
9/22/2024	46.11	22.25	13.29	39573.50	126.22	32.49	-0.26
9/22/2024 1:00	47.73	23.11	14.25	41970.33	127.93	31.66	-0.25
9/22/2024 2:00	46.81	23.54	14.01	41732.70	126.38	30.91	-0.25
9/22/2024 3:00	47.86	23.00	13.91	40973.71	127.81	30.17	-0.25
9/22/2024 4:00	48.38	22.79	13.42	39269.61	128.61	29.67	-0.26
9/22/2024 5:00	47.93	23.43	13.97	41245.68	127.50	29.39	-0.26
9/22/2024 6:00	48.03	23.12	13.95	40901.20	128.43	28.97	-0.26
9/22/2024 7:00	47.91	23.16	13.27	39490.32	126.46	28.61	-0.26
9/22/2024 8:00	47.80	23.54	14.25	42094.48	127.53	29.56	-0.26
9/22/2024 9:00	48.88	19.45	7.29	21985.66	123.37	30.69	-0.26
9/22/2024 10:00	50.64	14.33	2.72	8250.77	123.01	31.74	-0.26
9/22/2024 11:00	50.38	14.13	2.87	8746.07	122.87	32.89	-0.25
9/22/2024 12:00	50.60	12.77	2.96	8845.37	125.30	34.69	-0.24
9/22/2024 13:00	48.76	12.62	2.99	9139.44	122.36	36.53	-0.25
9/22/2024 14:00	50.50	11.79	2.71	8096.03	124.77	37.90	-0.25
9/22/2024 15:00	50.63	10.73	2.62	7874.19	124.90	37.81	-0.24
9/22/2024 16:00	49.65	11.12	2.88	8726.30	123.55	37.51	-0.24
9/22/2024 17:00	55.64	10.91	2.97	8204.43	135.41	34.71	-0.22
9/22/2024 18:00	56.29	11.45	3.28	8988.22	136.40	31.63	-0.23

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/22/2024 19:00	57.05	11.84	3.45	9392.05	137.62	31.47	-0.22
9/22/2024 20:00	56.11	11.04	3.30	8927.32	138.28	31.30	-0.22
9/22/2024 21:00	57.02	11.01	3.21	8624.90	139.36	29.55	-0.23
9/22/2024 22:00	56.99	10.28	3.02	8101.03	139.48	28.69	-0.24
9/22/2024 23:00	57.69	10.54	2.90	7840.97	138.04	28.13	-0.21
9/23/2024	56.24	10.53	3.51	9373.05	140.36	28.37	-0.20
9/23/2024 1:00	56.19	11.12	3.60	9618.51	140.02	28.41	-0.23
9/23/2024 2:00	54.56	10.40	3.51	9396.17	140.03	28.26	-0.22
9/23/2024 3:00	54.98	10.50	3.46	9302.94	139.23	28.16	-0.23
9/23/2024 4:00	52.60	10.19	3.30	9244.41	133.81	28.45	-0.26
9/23/2024 5:00	48.23	9.78	3.28	9695.62	126.75	28.13	-0.29
9/23/2024 6:00	41.40	11.36	5.94	22204.09	114.23	26.53	-0.31
9/23/2024 7:00	12.04	8.87	2.78	13490.23	78.15	27.41	-0.37
9/23/2024 8:00	7.24	8.34	2.63	12515.74	79.05	30.00	-0.37
9/23/2024 9:00	6.45	8.55	2.60	12473.97	78.51	31.19	-0.36
9/23/2024 10:00	6.10	8.68	2.59	12447.95	78.46	32.40	-0.40
9/23/2024 11:00	6.53	9.40	2.61	12727.31	77.19	33.35	-0.39
9/23/2024 12:00	5.90	9.03	2.70	12864.47	79.06	32.97	-0.39
9/23/2024 13:00	6.38	9.69	2.79	13260.01	79.14	33.07	-0.39
9/23/2024 14:00	7.55	9.74	2.76	13219.66	78.71	33.46	-0.40
9/23/2024 15:00	7.21	10.36	2.89	13863.01	78.43	33.76	-0.39
9/23/2024 16:00	6.79	10.21	2.92	14104.05	77.98	33.89	-0.39
9/23/2024 17:00	6.34	10.39	3.01	14521.89	78.05	33.80	-0.39
9/23/2024 18:00	6.30	10.11	2.95	14300.89	77.80	33.59	-0.40
9/23/2024 19:00	6.43	11.05	3.01	14877.56	76.59	33.28	-0.39
9/23/2024 20:00	5.47	10.89	3.06	14836.10	77.94	33.01	-0.40
9/23/2024 21:00	6.36	10.91	2.88	13947.66	77.86	32.57	-0.40
9/23/2024 22:00	5.58	10.89	2.90	13978.23	78.25	32.19	-0.40
9/23/2024 23:00	5.77	11.08	2.97	14147.57	79.15	31.95	-0.39
9/24/2024	6.55	10.92	2.91	13880.01	78.98	32.04	-0.40

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/24/2024 1:00	5.88	10.89	2.89	13966.61	78.03	31.92	-0.40
9/24/2024 2:00	5.07	10.92	2.89	14056.67	77.51	32.09	-0.39
9/24/2024 3:00	5.00	10.88	2.69	13411.99	75.54	32.70	-0.38
9/24/2024 4:00	5.55	10.74	2.60	12683.06	77.29	33.44	-0.37
9/24/2024 5:00	5.44	10.93	2.96	14327.98	77.69	34.31	-0.37
9/24/2024 6:00	10.13	11.87	3.12	13672.28	86.65	34.42	-0.35
9/24/2024 7:00	31.66	16.09	4.39	15549.48	105.75	31.91	-0.31
9/24/2024 8:00	32.66	14.19	3.33	12290.07	101.79	31.60	-0.31
9/24/2024 9:00	32.56	13.67	3.14	11739.49	100.47	31.26	-0.31
9/24/2024 10:00	31.38	13.87	4.50	16517.94	101.42	30.82	-0.30
9/24/2024 11:00	29.19	21.53	19.76	71240.08	104.63	31.59	-0.31
9/24/2024 12:00	30.23	22.54	18.41	65313.12	106.31	32.94	-0.31
9/24/2024 13:00	30.82	22.40	18.52	65614.80	106.42	35.04	-0.31
9/24/2024 14:00	31.71	23.48	18.49	65272.10	106.85	35.81	-0.31
9/24/2024 15:00	30.90	23.25	18.72	65746.95	107.35	34.20	-0.31
9/24/2024 16:00	30.00	23.68	18.34	65341.39	105.76	34.38	-0.31
9/24/2024 17:00	30.83	23.72	18.33	64959.58	106.34	34.50	-0.31
9/24/2024 18:00	30.99	24.37	18.54	65715.59	106.42	34.64	-0.31
9/24/2024 19:00	32.42	23.62	16.70	58688.21	106.95	34.03	-0.30
9/24/2024 20:00	33.18	24.13	17.57	61128.31	108.35	33.28	-0.30
9/24/2024 21:00	29.86	23.60	17.60	62952.36	105.38	33.08	-0.31
9/24/2024 22:00	30.27	23.09	17.22	60990.95	106.41	32.47	-0.32
9/24/2024 23:00	31.51	23.56	17.59	61805.00	107.35	31.54	-0.30
9/25/2024	31.88	23.93	17.47	62373.63	105.59	31.25	-0.28
9/25/2024 1:00	32.15	24.20	17.33	61196.60	106.79	31.35	-0.30
9/25/2024 2:00	31.24	23.83	17.31	60890.08	107.21	31.19	-0.30
9/25/2024 3:00	43.60	26.47	18.16	56689.89	120.64	30.39	-0.27
9/25/2024 4:00	44.53	25.63	17.98	55789.55	121.40	29.84	-0.27
9/25/2024 5:00	39.58	24.69	17.24	56937.16	114.29	29.51	-0.29
9/25/2024 6:00	31.54	23.55	16.65	59170.61	106.10	30.05	-0.31

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/25/2024 7:00	32.19	21.89	12.67	46134.57	104.10	30.07	-0.31
9/25/2024 8:00					106.42	30.26	-0.32
9/25/2024 9:00					105.33	31.20	-0.32
9/25/2024 10:00					105.90	32.37	-0.31
9/25/2024 11:00					104.71	33.49	-0.31
9/25/2024 12:00	30.15	22.67	16.71	61005.50	103.56	34.89	-0.32
9/25/2024 13:00	30.52	23.26	16.78	60050.98	105.33	34.52	-0.31
9/25/2024 14:00	29.99	23.49	16.34	59688.98	103.17	35.42	-0.32
9/25/2024 15:00	31.69	23.78	16.34	58940.38	104.50	35.60	-0.32
9/25/2024 16:00	31.05	23.47	15.98	58230.57	103.47	35.45	-0.32
9/25/2024 17:00	31.57	23.33	15.87	56572.47	105.83	35.03	-0.31
9/25/2024 18:00	32.17	23.52	15.04	54885.70	103.28	34.34	-0.32
9/25/2024 19:00	32.72	23.30	15.26	54418.46	105.81	33.40	-0.31
9/25/2024 20:00	31.58	23.16	14.95	53661.98	105.03	32.41	-0.32
9/25/2024 21:00	32.31	23.34	14.76	53021.93	104.94	32.08	-0.32
9/25/2024 22:00	33.14	23.15	14.80	52569.68	106.07	32.02	-0.31
9/25/2024 23:00	32.81	23.11	14.64	51966.11	106.11	31.79	-0.32
9/26/2024	32.71	22.78	14.22	51554.59	103.98	31.06	-0.34
9/26/2024 1:00	31.92	22.63	13.99	50532.86	104.34	30.13	-0.34
9/26/2024 2:00	31.95	22.81	13.71	49903.46	103.53	29.40	-0.34
9/26/2024 3:00	32.21	22.91	13.85	49950.60	104.46	29.10	-0.34
9/26/2024 4:00	31.89	22.97	13.45	49572.77	102.26	29.21	-0.33
9/26/2024 5:00	31.61	22.48	13.25	48472.26	102.97	29.09	-0.34
9/26/2024 6:00	31.28	22.83	13.08	47379.25	104.08	28.30	-0.34
9/26/2024 7:00	32.80	23.17	13.17	48011.46	103.36	28.05	-0.34
9/26/2024 8:00	31.05	22.47	13.17	47704.73	104.03	28.41	-0.34
9/26/2024 9:00	30.99	22.67	13.09	48087.32	102.59	30.04	-0.35
9/26/2024 10:00	31.58	22.81	13.40	49257.32	102.51	32.15	-0.35
9/26/2024 11:00	31.63	23.46	13.77	50640.54	102.46	33.85	-0.34
9/26/2024 12:00	33.03	23.76	13.59	49805.53	102.88	34.56	-0.33

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/26/2024 13:00	32.10	23.08	13.40	48950.38	103.19	35.99	-0.34
9/26/2024 14:00	33.04	23.07	13.26	49413.59	101.15	37.46	-0.34
9/26/2024 15:00	32.14	23.46	13.19	48576.72	102.32	38.64	-0.33
9/26/2024 16:00	32.24	22.95	13.29	48602.25	103.04	37.99	-0.34
9/26/2024 17:00	33.59	23.35	13.31	48104.39	104.24	35.96	-0.34
9/26/2024 18:00	32.32	22.91	13.32	48224.38	104.10	34.07	-0.34
9/26/2024 19:00	34.25	22.13	11.42	41270.63	104.38	32.51	-0.32
9/26/2024 20:00	32.61	22.90	13.09	47106.00	104.66	31.76	-0.32
9/26/2024 21:00	32.28	22.71	12.94	46605.37	104.60	31.30	-0.33
9/26/2024 22:00	33.07	23.01	13.07	46655.74	105.60	31.01	-0.32
9/26/2024 23:00	32.91	22.73	13.26	47685.23	104.74	30.84	-0.32
9/27/2024	34.98	23.33	13.18	46610.81	106.50	30.69	-0.32
9/27/2024 1:00	33.41	23.43	12.84	46975.40	102.97	30.44	-0.32
9/27/2024 2:00	34.21	23.19	12.80	45831.27	105.24	30.30	-0.31
9/27/2024 3:00	32.57	22.76	12.80	45667.32	105.54	29.96	-0.31
9/27/2024 4:00	33.17	22.89	12.62	45234.49	105.12	29.54	-0.32
9/27/2024 5:00	33.85	22.82	12.21	43580.94	105.55	29.24	-0.31
9/27/2024 6:00	32.36	22.38	12.10	43462.67	104.90	28.89	-0.31
9/27/2024 7:00	31.87	22.68	12.03	43480.44	104.29	28.80	-0.31
9/27/2024 8:00	30.68	22.12	11.97	43880.23	102.75	29.13	-0.32
9/27/2024 9:00	31.25	22.58	11.91	43869.60	102.27	30.31	-0.32
9/27/2024 10:00	31.42	22.49	12.12	44886.87	101.76	32.52	-0.32
9/27/2024 11:00	30.57	22.34	12.22	45597.45	101.00	35.11	-0.33
9/27/2024 12:00	29.80	22.05	12.25	46932.44	98.37	38.59	-0.33
9/27/2024 13:00	25.69	21.80	12.12	48061.02	95.42	41.27	-0.33
9/27/2024 14:00	25.39	21.56	12.01	47734.49	94.88	41.70	-0.33
9/27/2024 15:00	27.46	21.89	12.13	46809.86	97.72	41.22	-0.32
9/27/2024 16:00	27.35	22.22	11.83	45657.44	97.60	40.15	-0.32
9/27/2024 17:00	29.25	22.29	12.02	44947.36	100.74	38.69	-0.33
9/27/2024 18:00	28.68	21.73	11.97	44505.47	101.36	37.14	-0.33

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/27/2024 19:00	29.01	22.30	12.07	44478.63	102.46	35.48	-0.32
9/27/2024 20:00	29.68	22.30	11.89	43508.33	102.98	34.53	-0.32
9/27/2024 21:00	30.01	22.03	11.58	42566.33	102.53	33.48	-0.33
9/27/2024 22:00	30.98	22.36	11.53	42124.67	103.11	32.58	-0.31
9/27/2024 23:00	30.12	21.81	11.55	42480.57	102.43	32.14	-0.32
9/28/2024	30.35	22.00	11.44	42137.73	102.32	31.54	-0.31
9/28/2024 1:00	29.27	22.06	11.46	42056.75	102.69	31.28	-0.31
9/28/2024 2:00	29.94	22.52	11.57	42508.94	102.58	31.39	-0.31
9/28/2024 3:00	29.87	22.26	11.63	42801.80	102.38	31.53	-0.31
9/28/2024 4:00	30.09	22.44	11.56	42997.75	101.32	31.75	-0.31
9/28/2024 5:00	31.02	22.08	11.59	42155.75	103.71	31.80	-0.31
9/28/2024 6:00	31.52	22.72	11.66	42738.50	102.81	31.82	-0.31
9/28/2024 7:00	31.25	22.25	11.64	42641.43	102.88	32.08	-0.31
9/28/2024 8:00	30.76	21.92	11.64	42246.89	103.84	32.39	-0.31
9/28/2024 9:00	30.38	21.90	11.69	42834.95	102.79	33.06	-0.31
9/28/2024 10:00	30.68	22.22	11.63	42761.46	102.49	34.19	-0.31
9/28/2024 11:00	31.55	22.37	11.76	43202.56	102.58	34.65	-0.33
9/28/2024 12:00	40.26	24.68	12.61	41174.01	115.43	34.36	-0.30
9/28/2024 13:00	33.05	22.99	11.97	43889.93	102.74	35.01	-0.33
9/28/2024 14:00	39.83	24.25	12.71	41474.73	115.49	34.38	-0.30
9/28/2024 15:00	36.85	23.11	12.08	42184.88	107.93	33.76	-0.32
9/28/2024 16:00	32.57	22.78	12.04	42182.87	107.66	33.06	-0.32
9/28/2024 17:00	42.27	24.35	12.42	39625.79	118.03	31.27	-0.30
9/28/2024 18:00	43.05	24.09	12.26	38951.31	118.53	30.54	-0.31
9/28/2024 19:00	42.83	24.21	12.62	39744.07	119.61	30.58	-0.30
9/28/2024 20:00	37.74	22.74	12.19	41384.13	111.06	31.01	-0.30
9/28/2024 21:00	29.84	21.23	11.96	43348.45	103.99	32.00	-0.33
9/28/2024 22:00	30.52	21.43	12.09	43223.58	105.41	32.39	-0.32
9/28/2024 23:00	29.43	21.79	11.79	43295.00	102.56	32.06	-0.33
9/29/2024	28.78	21.39	11.77	42628.29	104.02	31.33	-0.33

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/29/2024 1:00	29.43	21.58	12.05	43544.94	104.30	31.16	-0.33
9/29/2024 2:00	28.60	21.29	11.88	43683.81	102.45	31.42	-0.33
9/29/2024 3:00	29.38	22.02	11.89	43579.53	102.82	31.36	-0.33
9/29/2024 4:00	29.71	21.70	11.82	43605.38	102.13	31.12	-0.33
9/29/2024 5:00	30.44	22.16	11.77	42714.43	103.81	31.16	-0.33
9/29/2024 6:00	29.02	22.27	11.65	43087.33	101.84	30.86	-0.35
9/29/2024 7:00	29.02	22.14	12.00	43907.82	102.99	30.22	-0.33
9/29/2024 8:00	29.53	22.36	12.10	43923.71	103.82	30.20	-0.33
9/29/2024 9:00	29.47	22.52	11.90	43549.53	102.92	30.81	-0.34
9/29/2024 10:00	30.34	22.13	12.01	44128.52	102.52	31.09	-0.36
9/29/2024 11:00	29.69	22.41	12.08	44815.53	101.56	31.77	-0.33
9/29/2024 12:00	30.74	22.76	12.20	44578.67	103.12	34.02	-0.34
9/29/2024 13:00	29.57	22.60	11.92	44642.78	100.59	34.10	-0.36
9/29/2024 14:00	30.22	22.48	12.16	44506.50	102.99	33.52	-0.35
9/29/2024 15:00	30.47	22.76	12.02	45253.86	100.09	34.70	-0.36
9/29/2024 16:00	30.61	22.90	12.03	44377.04	102.18	34.69	-0.36
9/29/2024 17:00	30.21	22.38	12.12	44844.55	101.80	33.59	-0.36
9/29/2024 18:00	29.95	22.76	12.18	44869.67	102.27	32.68	-0.36
9/29/2024 19:00	31.61	22.95	12.27	44133.67	104.78	31.70	-0.36
9/29/2024 20:00	31.24	22.69	12.13	44213.85	103.44	31.11	-0.36
9/29/2024 21:00	30.04	22.95	12.33	45345.38	102.41	30.82	-0.35
9/29/2024 22:00	35.61	23.77	13.02	44493.45	110.37	30.55	-0.33
9/29/2024 23:00	42.61	24.96	13.46	42725.71	118.69	30.15	-0.29
9/30/2024	36.52	23.41	12.71	44332.57	108.18	30.59	-0.30
9/30/2024 1:00	32.65	22.79	12.68	45500.88	105.07	31.12	-0.31
9/30/2024 2:00	30.37	22.42	12.73	45993.61	104.29	30.87	-0.32
9/30/2024 3:00	30.64	22.41	12.74	46247.48	103.85	30.62	-0.33
9/30/2024 4:00	32.04	22.72	12.94	46317.81	105.31	30.17	-0.33
9/30/2024 5:00	30.25	22.13	12.79	46356.38	103.96	29.79	-0.33
9/30/2024 6:00	30.61	22.55	13.23	47628.02	104.64	29.50	-0.33

O.Reg 88/22 s34: Plant 3 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/30/2024 7:00	30.38	22.75	13.34	48500.32	103.63	29.38	-0.33
9/30/2024 8:00	30.08	22.58	13.35	48469.05	103.77	29.65	-0.33
9/30/2024 9:00	29.72	23.30	13.67	49910.89	103.23	31.50	-0.32
9/30/2024 10:00	32.70	24.00	14.33	51039.25	105.95	33.91	-0.33
9/30/2024 11:00	31.85	23.58	14.64	52114.68	105.87	35.37	-0.34
9/30/2024 12:00	30.55	23.75	14.42	53042.51	102.43	35.52	-0.36
9/30/2024 13:00	31.05	23.59	14.86	54016.50	103.70	35.65	-0.35
9/30/2024 14:00	31.44	24.08	14.94	54427.68	103.48	36.38	-0.35
9/30/2024 15:00	30.44	23.97	15.03	54996.17	103.03	37.46	-0.34
9/30/2024 16:00	31.79	24.22	14.33	52191.24	103.49	37.54	-0.34
9/30/2024 17:00	36.64	25.02	14.99	51404.72	110.04	36.69	-0.31
9/30/2024 18:00	31.58	24.29	14.35	51428.50	105.21	36.31	-0.32
9/30/2024 19:00	36.24	24.47	14.11	48584.05	109.58	34.94	-0.31
9/30/2024 20:00	31.08	23.43	13.67	49426.96	104.23	34.55	-0.33
9/30/2024 21:00	31.16	23.40	13.87	49578.43	105.40	33.66	-0.32
9/30/2024 22:00	30.33	23.20	13.79	49820.24	104.27	32.84	-0.33
9/30/2024 23:00							
10/1/2024							

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/1/2024 1:00					347.58	23.44	-0.09
7/1/2024 2:00					426.58	23.09	-0.09
7/1/2024 3:00					417.21	22.96	-0.1
7/1/2024 4:00					393.86	22.47	-0.1
7/1/2024 5:00					421.98	22.43	-0.1
7/1/2024 6:00					425.93	22.08	-0.1
7/1/2024 7:00					381.58	21.86	-0.1
7/1/2024 8:00					420.72	22.64	-0.09
7/1/2024 9:00					351.88	23.83	-0.08
7/1/2024 10:00					412.71	25.28	-0.08
7/1/2024 11:00					455.1	27.52	-0.07
7/1/2024 12:00					334.48	29.99	-0.06
7/1/2024 13:00					304.34	32.64	-0.05
7/1/2024 14:00					323.5	35.06	-0.06
7/1/2024 15:00					318.35	36.64	-0.06
7/1/2024 16:00					289.61	37.42	-0.06
7/1/2024 17:00					299.49	37.74	-0.06
7/1/2024 18:00					296.52	36.32	-0.07
7/1/2024 19:00					307.86	34	-0.07
7/1/2024 20:00					299.03	32.79	-0.07
7/1/2024 21:00					305	31.56	-0.07
7/1/2024 22:00					337.5	30.43	-0.07
7/1/2024 23:00					363.96	29.04	-0.08
7/2/2024					381.37	28.38	-0.08
7/2/2024 1:00					334.19	27.52	-0.09
7/2/2024 2:00					388.81	26.69	-0.09
7/2/2024 3:00					348.64	25.83	-0.11
7/2/2024 4:00					415.68	24.74	-0.11
7/2/2024 5:00					343.56	24.42	-0.11

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/2/2024 6:00					356.16	24.03	-0.11
7/2/2024 7:00					357.29	23.64	-0.11
7/2/2024 8:00					384.23	24.9	-0.1
7/2/2024 9:00					367.66	26.37	-0.09
7/2/2024 10:00					375.15	28.4	-0.09
7/2/2024 11:00					343.12	30.78	-0.09
7/2/2024 12:00					333.72	32.93	-0.09
7/2/2024 13:00					314.13	34.65	-0.08
7/2/2024 14:00					308.12	34.77	-0.09
7/2/2024 15:00					339.15	35.98	-0.08
7/2/2024 16:00					349.46	36.29	-0.08
7/2/2024 17:00					328.34	35.56	-0.08
7/2/2024 18:00					307.18	34.45	-0.08
7/2/2024 19:00					318.83	33.12	-0.08
7/2/2024 20:00					302.89	32.34	-0.08
7/2/2024 21:00					299.52	31.5	-0.08
7/2/2024 22:00					360.78	30.71	-0.09
7/2/2024 23:00					324.41	29.9	-0.09
7/3/2024					332.79	29.78	-0.08
7/3/2024 1:00					334.5	29.31	-0.08
7/3/2024 2:00					319.26	28.95	-0.08
7/3/2024 3:00					306.23	28.64	-0.09
7/3/2024 4:00					322.09	28.65	-0.09
7/3/2024 5:00					329.84	29.09	-0.09
7/3/2024 6:00					319.48	29.26	-0.09
7/3/2024 7:00					327.08	29.74	-0.09
7/3/2024 8:00					324.97	30.93	-0.08
7/3/2024 9:00					313.85	32.05	-0.08
7/3/2024 10:00					294.32	33.96	-0.07

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/3/2024 11:00					299.35	36.26	-0.07
7/3/2024 12:00					299.87	37.31	-0.07
7/3/2024 13:00					299.17	38.67	-0.08
7/3/2024 14:00					318.2	38.57	-0.08
7/3/2024 15:00					293.48	39.8	-0.07
7/3/2024 16:00					312.38	40.23	-0.07
7/3/2024 17:00					301.64	41.29	-0.07
7/3/2024 18:00					316.55	41.01	-0.07
7/3/2024 19:00					322.78	39.1	-0.05
7/3/2024 20:00					296.29	38.07	-0.06
7/3/2024 21:00					325.34	36.42	-0.06
7/3/2024 22:00					339.33	34.81	-0.08
7/3/2024 23:00					358.32	33.83	-0.08
7/4/2024					363.45	32.8	-0.07
7/4/2024 1:00					315.98	31.8	-0.07
7/4/2024 2:00					295	31.32	-0.07
7/4/2024 3:00					310.53	30.71	-0.08
7/4/2024 4:00					363.32	29.85	-0.09
7/4/2024 5:00					398.29	29.56	-0.09
7/4/2024 6:00					392.76	29.34	-0.09
7/4/2024 7:00					356.04	29.28	-0.09
7/4/2024 8:00					362.82	30.26	-0.08
7/4/2024 9:00					331.9	31.67	-0.08
7/4/2024 10:00					303.65	33.46	-0.07
7/4/2024 11:00					307.1	35.97	-0.07
7/4/2024 12:00					305.94	38.26	-0.07
7/4/2024 13:00					339.96	38.95	-0.08
7/4/2024 14:00					338.11	38.53	-0.08
7/4/2024 15:00					306.1	38.5	-0.08

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/4/2024 16:00					301.47	38.68	-0.07
7/4/2024 17:00					313.25	38.68	-0.07
7/4/2024 18:00					330.2	37.77	-0.08
7/4/2024 19:00					334.01	36.87	-0.08
7/4/2024 20:00					357.54	36	-0.08
7/4/2024 21:00					337.09	34.97	-0.08
7/4/2024 22:00					340.36	34.25	-0.07
7/4/2024 23:00					311.51	33.79	-0.07
7/5/2024					305.89	33.36	-0.07
7/5/2024 1:00					311.68	32.52	-0.07
7/5/2024 2:00					337.56	31.99	-0.07
7/5/2024 3:00					330.14	31.35	-0.07
7/5/2024 4:00					323.77	30.66	-0.07
7/5/2024 5:00					328.94	30.72	-0.07
7/5/2024 6:00					325.85	30.39	-0.07
7/5/2024 7:00					327.06	30.69	-0.07
7/5/2024 8:00					363.65	31.62	-0.07
7/5/2024 9:00					306.52	32.63	-0.06
7/5/2024 10:00					292.66	34.89	-0.06
7/5/2024 11:00					320.34	36.54	-0.07
7/5/2024 12:00					342.13	36.73	-0.08
7/5/2024 13:00					332.65	35.9	-0.08
7/5/2024 14:00					302.03	35.32	-0.08
7/5/2024 15:00					335.19	33.27	-0.09
7/5/2024 16:00					352.77	31.46	-0.08
7/5/2024 17:00					305.66	32.89	-0.08
7/5/2024 18:00					301.28	33.73	-0.08
7/5/2024 19:00					303.09	33.79	-0.07
7/5/2024 20:00					295.95	33.55	-0.07

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/5/2024 21:00					304.72	32.96	-0.07
7/5/2024 22:00					319.91	32.18	-0.07
7/5/2024 23:00					304.71	30.23	-0.06
7/6/2024					336.21	28.63	-0.07
7/6/2024 1:00					350.9	28.64	-0.09
7/6/2024 2:00					388.43	28.52	-0.11
7/6/2024 3:00					324.94	28.19	-0.12
7/6/2024 4:00					338.27	27.91	-0.12
7/6/2024 5:00					341.45	27.62	-0.12
7/6/2024 6:00					332.9	27.51	-0.12
7/6/2024 7:00					327.29	27.8	-0.12
7/6/2024 8:00					324.43	28.7	-0.11
7/6/2024 9:00					327.05	29.98	-0.11
7/6/2024 10:00					342.28	31.69	-0.11
7/6/2024 11:00					328.65	33.78	-0.11
7/6/2024 12:00					325.68	35.57	-0.1
7/6/2024 13:00					328.05	38.13	-0.1
7/6/2024 14:00					396.4	40.26	-0.09
7/6/2024 15:00					389.9	41.59	-0.1
7/6/2024 16:00					350.81	42.2	-0.1
7/6/2024 17:00					341.43	40.42	-0.08
7/6/2024 18:00					321.93	38	-0.09
7/6/2024 19:00					344.25	36.03	-0.09
7/6/2024 20:00					366.46	34.57	-0.1
7/6/2024 21:00					348.65	33.59	-0.11
7/6/2024 22:00					385.26	33.29	-0.11
7/6/2024 23:00					291.17	32.64	-0.12
7/7/2024					299.18	31.59	-0.12
7/7/2024 1:00					306.93	30.5	-0.12

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/7/2024 2:00					323.23	29.96	-0.12
7/7/2024 3:00					300.92	29.52	-0.12
7/7/2024 4:00					328.3	28.66	-0.12
7/7/2024 5:00					277.72	28.17	-0.12
7/7/2024 6:00					307.25	27.93	-0.12
7/7/2024 7:00					297.78	28.22	-0.13
7/7/2024 8:00					269.12	29.17	-0.13
7/7/2024 9:00					271.65	30.28	-0.12
7/7/2024 10:00					270.74	31.55	-0.12
7/7/2024 11:00					281.62	33.02	-0.12
7/7/2024 12:00					276.39	34.64	-0.11
7/7/2024 13:00					294.95	35.66	-0.11
7/7/2024 14:00					286.77	38.37	-0.11
7/7/2024 15:00					278.87	41.19	-0.12
7/7/2024 16:00					281.49	42.8	-0.11
7/7/2024 17:00					289.85	43.49	-0.11
7/7/2024 18:00					299.91	42.35	-0.12
7/7/2024 19:00					294.72	40.03	-0.12
7/7/2024 20:00					286.44	37.99	-0.12
7/7/2024 21:00					315.09	36.5	-0.11
7/7/2024 22:00					299.58	35.04	-0.11
7/7/2024 23:00					281.85	33.71	-0.13
7/8/2024					286.98	32.43	-0.14
7/8/2024 1:00					271.9	31.51	-0.14
7/8/2024 2:00					284.22	30.76	-0.14
7/8/2024 3:00					275.29	30.43	-0.14
7/8/2024 4:00					278.23	30.17	-0.14
7/8/2024 5:00					273.42	29.9	-0.14
7/8/2024 6:00					265.99	29.62	-0.14

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/8/2024 7:00					277.77	29.62	-0.14
7/8/2024 8:00					266.32	30.3	-0.13
7/8/2024 9:00					284.43	31.48	-0.13
7/8/2024 10:00					293.34	33.14	-0.12
7/8/2024 11:00					285.53	35.6	-0.12
7/8/2024 12:00					269.13	38.23	-0.11
7/8/2024 13:00							
7/8/2024 14:00							
7/8/2024 15:00							
7/8/2024 16:00							
7/8/2024 17:00							
7/8/2024 18:00							
7/8/2024 19:00							
7/8/2024 20:00							
7/8/2024 21:00							
7/8/2024 22:00							
7/8/2024 23:00							
7/9/2024							
7/9/2024 1:00							
7/9/2024 2:00							
7/9/2024 3:00							
7/9/2024 4:00							
7/9/2024 5:00							
7/9/2024 6:00							
7/9/2024 7:00							
7/9/2024 8:00							
7/9/2024 9:00							
7/9/2024 10:00							
7/9/2024 11:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/9/2024 12:00							
7/9/2024 13:00							
7/9/2024 14:00							
7/9/2024 15:00							
7/9/2024 16:00							
7/9/2024 17:00							
7/9/2024 18:00							
7/9/2024 19:00							
7/9/2024 20:00							
7/9/2024 21:00							
7/9/2024 22:00							
7/9/2024 23:00							
7/10/2024							
7/10/2024 1:00							
7/10/2024 2:00							
7/10/2024 3:00							
7/10/2024 4:00							
7/10/2024 5:00							
7/10/2024 6:00							
7/10/2024 7:00							
7/10/2024 8:00							
7/10/2024 9:00							
7/10/2024 10:00							
7/10/2024 11:00							
7/10/2024 12:00							
7/10/2024 13:00							
7/10/2024 14:00							
7/10/2024 15:00							
7/10/2024 16:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/10/2024 17:00							
7/10/2024 18:00							
7/10/2024 19:00							
7/10/2024 20:00							
7/10/2024 21:00							
7/10/2024 22:00							
7/10/2024 23:00							
7/11/2024							
7/11/2024 1:00							
7/11/2024 2:00							
7/11/2024 3:00							
7/11/2024 4:00							
7/11/2024 5:00							
7/11/2024 6:00							
7/11/2024 7:00							
7/11/2024 8:00							
7/11/2024 9:00							
7/11/2024 10:00							
7/11/2024 11:00							
7/11/2024 12:00							
7/11/2024 13:00							
7/11/2024 14:00							
7/11/2024 15:00							
7/11/2024 16:00							
7/11/2024 17:00							
7/11/2024 18:00							
7/11/2024 19:00							
7/11/2024 20:00							
7/11/2024 21:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/11/2024 22:00							
7/11/2024 23:00							
7/12/2024							
7/12/2024 1:00							
7/12/2024 2:00							
7/12/2024 3:00							
7/12/2024 4:00							
7/12/2024 5:00							
7/12/2024 6:00							
7/12/2024 7:00							
7/12/2024 8:00							
7/12/2024 9:00							
7/12/2024 10:00							
7/12/2024 11:00							
7/12/2024 12:00							
7/12/2024 13:00							
7/12/2024 14:00							
7/12/2024 15:00							
7/12/2024 16:00							
7/12/2024 17:00							
7/12/2024 18:00							
7/12/2024 19:00							
7/12/2024 20:00							
7/12/2024 21:00							
7/12/2024 22:00							
7/12/2024 23:00							
7/13/2024							
7/13/2024 1:00							
7/13/2024 2:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/13/2024 3:00							
7/13/2024 4:00							
7/13/2024 5:00							
7/13/2024 6:00							
7/13/2024 7:00							
7/13/2024 8:00							
7/13/2024 9:00							
7/13/2024 10:00							
7/13/2024 11:00							
7/13/2024 12:00							
7/13/2024 13:00							
7/13/2024 14:00							
7/13/2024 15:00							
7/13/2024 16:00							
7/13/2024 17:00							
7/13/2024 18:00							
7/13/2024 19:00							
7/13/2024 20:00							
7/13/2024 21:00							
7/13/2024 22:00							
7/13/2024 23:00							
7/14/2024							
7/14/2024 1:00							
7/14/2024 2:00							
7/14/2024 3:00							
7/14/2024 4:00							
7/14/2024 5:00							
7/14/2024 6:00							
7/14/2024 7:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/14/2024 8:00							
7/14/2024 9:00							
7/14/2024 10:00							
7/14/2024 11:00							
7/14/2024 12:00							
7/14/2024 13:00							
7/14/2024 14:00							
7/14/2024 15:00							
7/14/2024 16:00							
7/14/2024 17:00							
7/14/2024 18:00							
7/14/2024 19:00							
7/14/2024 20:00							
7/14/2024 21:00							
7/14/2024 22:00							
7/14/2024 23:00							
7/15/2024							
7/15/2024 1:00							
7/15/2024 2:00							
7/15/2024 3:00							
7/15/2024 4:00							
7/15/2024 5:00							
7/15/2024 6:00							
7/15/2024 7:00							
7/15/2024 8:00							
7/15/2024 9:00							
7/15/2024 10:00							
7/15/2024 11:00							
7/15/2024 12:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/15/2024 13:00							
7/15/2024 14:00							
7/15/2024 15:00							
7/15/2024 16:00							
7/15/2024 17:00							
7/15/2024 18:00							
7/15/2024 19:00							
7/15/2024 20:00							
7/15/2024 21:00							
7/15/2024 22:00							
7/15/2024 23:00							
7/16/2024							
7/16/2024 1:00							
7/16/2024 2:00							
7/16/2024 3:00							
7/16/2024 4:00							
7/16/2024 5:00							
7/16/2024 6:00							
7/16/2024 7:00							
7/16/2024 8:00							
7/16/2024 9:00							
7/16/2024 10:00							
7/16/2024 11:00							
7/16/2024 12:00							
7/16/2024 13:00							
7/16/2024 14:00							
7/16/2024 15:00							
7/16/2024 16:00							
7/16/2024 17:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/16/2024 18:00							
7/16/2024 19:00							
7/16/2024 20:00							
7/16/2024 21:00							
7/16/2024 22:00							
7/16/2024 23:00							
7/17/2024							
7/17/2024 1:00							
7/17/2024 2:00							
7/17/2024 3:00							
7/17/2024 4:00							
7/17/2024 5:00							
7/17/2024 6:00							
7/17/2024 7:00							
7/17/2024 8:00							
7/17/2024 9:00							
7/17/2024 10:00							
7/17/2024 11:00							
7/17/2024 12:00							
7/17/2024 13:00							
7/17/2024 14:00							
7/17/2024 15:00							
7/17/2024 16:00							
7/17/2024 17:00							
7/17/2024 18:00							
7/17/2024 19:00							
7/17/2024 20:00							
7/17/2024 21:00							
7/17/2024 22:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/17/2024 23:00							
7/18/2024							
7/18/2024 1:00							
7/18/2024 2:00							
7/18/2024 3:00							
7/18/2024 4:00							
7/18/2024 5:00							
7/18/2024 6:00							
7/18/2024 7:00							
7/18/2024 8:00							
7/18/2024 9:00							
7/18/2024 10:00							
7/18/2024 11:00							
7/18/2024 12:00							
7/18/2024 13:00							
7/18/2024 14:00							
7/18/2024 15:00							
7/18/2024 16:00							
7/18/2024 17:00							
7/18/2024 18:00							
7/18/2024 19:00							
7/18/2024 20:00							
7/18/2024 21:00							
7/18/2024 22:00							
7/18/2024 23:00							
7/19/2024							
7/19/2024 1:00							
7/19/2024 2:00							
7/19/2024 3:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/19/2024 4:00							
7/19/2024 5:00							
7/19/2024 6:00							
7/19/2024 7:00							
7/19/2024 8:00							
7/19/2024 9:00							
7/19/2024 10:00							
7/19/2024 11:00							
7/19/2024 12:00							
7/19/2024 13:00							
7/19/2024 14:00							
7/19/2024 15:00							
7/19/2024 16:00							
7/19/2024 17:00							
7/19/2024 18:00							
7/19/2024 19:00							
7/19/2024 20:00							
7/19/2024 21:00							
7/19/2024 22:00							
7/19/2024 23:00							
7/20/2024							
7/20/2024 1:00							
7/20/2024 2:00							
7/20/2024 3:00							
7/20/2024 4:00							
7/20/2024 5:00							
7/20/2024 6:00							
7/20/2024 7:00							
7/20/2024 8:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/20/2024 9:00							
7/20/2024 10:00							
7/20/2024 11:00							
7/20/2024 12:00							
7/20/2024 13:00							
7/20/2024 14:00							
7/20/2024 15:00							
7/20/2024 16:00							
7/20/2024 17:00							
7/20/2024 18:00							
7/20/2024 19:00							
7/20/2024 20:00							
7/20/2024 21:00							
7/20/2024 22:00							
7/20/2024 23:00							
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7/21/2024 1:00							
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7/21/2024 11:00							
7/21/2024 12:00							
7/21/2024 13:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/21/2024 14:00							
7/21/2024 15:00							
7/21/2024 16:00							
7/21/2024 17:00							
7/21/2024 18:00							
7/21/2024 19:00							
7/21/2024 20:00							
7/21/2024 21:00							
7/21/2024 22:00							
7/21/2024 23:00							
7/22/2024							
7/22/2024 1:00							
7/22/2024 2:00							
7/22/2024 3:00							
7/22/2024 4:00							
7/22/2024 5:00							
7/22/2024 6:00							
7/22/2024 7:00							
7/22/2024 8:00							
7/22/2024 9:00							
7/22/2024 10:00							
7/22/2024 11:00							
7/22/2024 12:00							
7/22/2024 13:00							
7/22/2024 14:00							
7/22/2024 15:00							
7/22/2024 16:00							
7/22/2024 17:00							
7/22/2024 18:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/22/2024 19:00							
7/22/2024 20:00							
7/22/2024 21:00							
7/22/2024 22:00							
7/22/2024 23:00							
7/23/2024							
7/23/2024 1:00							
7/23/2024 2:00							
7/23/2024 3:00							
7/23/2024 4:00							
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7/23/2024 10:00							
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7/23/2024 17:00							
7/23/2024 18:00							
7/23/2024 19:00							
7/23/2024 20:00							
7/23/2024 21:00							
7/23/2024 22:00							
7/23/2024 23:00							

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/24/2024							
7/24/2024 1:00							
7/24/2024 2:00							
7/24/2024 3:00							
7/24/2024 4:00							
7/24/2024 5:00							
7/24/2024 6:00							
7/24/2024 7:00							
7/24/2024 8:00							
7/24/2024 9:00							
7/24/2024 10:00							
7/24/2024 11:00					345.98	30.05	-0.11
7/24/2024 12:00					310.83	30.14	-0.1
7/24/2024 13:00					360.26	33.46	-0.09
7/24/2024 14:00					354.25	36.92	-0.09
7/24/2024 15:00	9.73	4.67	16.5	18205	341.77	37.09	-0.08
7/24/2024 16:00	9.09	4.16	17.32	16810	387.66	34.96	-0.08
7/24/2024 17:00	8.18	3.81	12.29	15212	304.03	32.64	-0.08
7/24/2024 18:00	8.3	3.87	13.95	15751	333.76	32.8	-0.09
7/24/2024 19:00	8.64	3.99	13.84	16313	319.78	31.98	-0.09
7/24/2024 20:00	8.11	3.9	15.02	15778	359.29	30.89	-0.09
7/24/2024 21:00	7.83	3.77	11.34	15361	278.24	29.95	-0.09
7/24/2024 22:00	8.27	3.67	15.63	15491	380.5	29.7	-0.1
7/24/2024 23:00	8.19	3.86	14.97	15952	353.45	29.91	-0.1
7/25/2024	8.45	3.93	16.39	16628	371.68	29.6	-0.1
7/25/2024 1:00	7.92	3.68	13.05	15371	318.99	29.25	-0.1
7/25/2024 2:00	7.71	3.56	13.63	15015	342.16	28.59	-0.1
7/25/2024 3:00	8.05	3.88	14.71	16160	343.37	27.95	-0.1
7/25/2024 4:00	6.79	3.25	11.38	12541	341.27	27.41	-0.1

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/25/2024 5:00	7.48	3.46	16.6	14413	429.68	27.22	-0.1
7/25/2024 6:00	7.09	3.29	12.76	14110	340.78	27.11	-0.11
7/25/2024 7:00	7.56	3.39	16.18	14640	417.49	27.45	-0.1
7/25/2024 8:00	8.01	3.79	14.92	16297	345.46	27.7	-0.1
7/25/2024 9:00	8.07	3.82	12.66	16464	291.54	28.34	-0.09
7/25/2024 10:00	8.55	3.95	17.48	17706	371.36	30.29	-0.09
7/25/2024 11:00	8.68	4	18.48	18344	380.1	31.96	-0.08
7/25/2024 12:00	8.54	3.9	14.11	17252	310.41	33.17	-0.08
7/25/2024 13:00	8.93	3.91	17.24	18456	353	35.24	-0.07
7/25/2024 14:00	9.15	4.21	21	19822	399.65	37.07	-0.07
7/25/2024 15:00	9.72	4.38	20.81	20599	380.97	38.23	-0.08
7/25/2024 16:00	9.59	4.36	18.86	20022	355.99	39.03	-0.08
7/25/2024 17:00	9.83	4.34	20.27	20270	377.37	38.68	-0.08
7/25/2024 18:00	12.37	5.36	32.11	35031	335.68	35.4	-0.07
7/25/2024 19:00	11.24	4.61	21.19	23675	331.99	32.89	-0.08
7/25/2024 20:00	9.56	4.23	17.9	19062	354.23	32.57	-0.09
7/25/2024 21:00	8.81	4	17.12	17946	359.56	31.48	-0.1
7/25/2024 22:00	8.24	3.79	15.61	16711	353.7	30.73	-0.1
7/25/2024 23:00	8.21	3.6	16.16	16356	372.79	30.12	-0.1
7/26/2024	7.82	3.62	16.78	15928	396.63	29.45	-0.11
7/26/2024 1:00	7.43	3.38	14.33	14820	364.21	28.52	-0.11
7/26/2024 2:00	7.31	3.27	15	14299	395.46	27.86	-0.11
7/26/2024 3:00	7.08	3.19	14.75	14004	396.86	27.47	-0.11
7/26/2024 4:00	6.5	2.97	10.77	12416	324.59	27	-0.11
7/26/2024 5:00	6.59	2.88	11.79	12758	347.65	26.66	-0.11
7/26/2024 6:00	6.66	2.98	13.73	13307	387.46	26.32	-0.11
7/26/2024 7:00	6.96	3.17	14.98	14046	401.6	26.3	-0.11
7/26/2024 8:00	7.04	3.19	12.91	14317	340.49	27.17	-0.11
7/26/2024 9:00	7.56	3.43	12.78	15748	305.3	28.55	-0.1

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/26/2024 10:00	7.93	3.64	16.24	17483	349.03	30.13	-0.09
7/26/2024 11:00	8.81	4.07	18.32	19969	345.04	32.33	-0.09
7/26/2024 12:00	9.25	4.14	16.75	20627	306.22	35.02	-0.08
7/26/2024 13:00	9.29	4.28	21.34	20695	386.1	37.41	-0.07
7/26/2024 14:00	10.25	4.56	20.69	22973	340.24	39.25	-0.06
7/26/2024 15:00	10.46	4.75	24.9	23610	397.22	40.16	-0.07
7/26/2024 16:00	10	4.42	22.08	22162	374.34	40.41	-0.07
7/26/2024 17:00	9.99	4.35	20.31	21291	360.02	39.61	-0.08
7/26/2024 18:00	9.62	4.4	20.65	21020	370.03	37.11	-0.08
7/26/2024 19:00	9.69	4.27	25.57	21216	454.51	35.37	-0.09
7/26/2024 20:00	9.39	4.28	20.34	20978	365.03	34.08	-0.09
7/26/2024 21:00	8.67	3.9	21.49	18553	431.14	32.83	-0.1
7/26/2024 22:00	7.63	3.58	15.14	15947	358.01	31.7	-0.1
7/26/2024 23:00	7.54	3.46	17.17	15819	409.68	30.73	-0.1
7/27/2024	7.27	3.38	14.8	15393	362.66	29.84	-0.11
7/27/2024 1:00	7.01	3.26	14.62	14763	373.23	28.92	-0.11
7/27/2024 2:00	6.9	3.21	14.21	15074	355.38	27.89	-0.11
7/27/2024 3:00	6.98	3.29	11.94	15108	297.9	27.09	-0.11
7/27/2024 4:00	6.29	2.93	10.9	12472	330.62	26.52	-0.12
7/27/2024 5:00	6.7	3.14	13.57	14696	347.93	26.09	-0.11
7/27/2024 6:00	6.57	3.14	12.53	14431	327.35	25.91	-0.11
7/27/2024 7:00	6.56	3.07	14.98	14082	401.37	26.25	-0.11
7/27/2024 8:00	6.81	3.18	13.13	14900	332.32	27.45	-0.11
7/27/2024 9:00	7.16	3.3	13.86	15683	333.79	29	-0.1
7/27/2024 10:00	7.59	3.64	16.72	17507	359.41	30.95	-0.09
7/27/2024 11:00	8.22	3.8	16.07	18927	320.29	33.6	-0.09
7/27/2024 12:00	9.25	4.27	21.14	21613	368.11	36.56	-0.09
7/27/2024 13:00	9.39	4.26	20.97	21431	368.96	39.44	-0.08
7/27/2024 14:00	9.21	4.13	18.96	20571	349.03	42.27	-0.08

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/27/2024 15:00	9.92	4.36	22.47	21955	387.06	44.34	-0.09
7/27/2024 16:00	10.15	4.45	20.76	23053	340.16	45.09	-0.08
7/27/2024 17:00	10.74	4.68	22.24	24309	345.07	45.09	-0.08
7/27/2024 18:00	10.05	4.39	18.3	21681	318.01	42.66	-0.1
7/27/2024 19:00	9.53	4.21	17.29	20225	323.48	39.95	-0.09
7/27/2024 20:00	9.5	4.2	20.65	20835	373.88	38.09	-0.09
7/27/2024 21:00	9.09	3.98	19.9	19563	382.96	36.35	-0.1
7/27/2024 22:00	8.42	3.8	16.46	17999	346.37	34.33	-0.11
7/27/2024 23:00	7.91	3.77	16.29	16491	372.27	32.91	-0.12
7/28/2024	7.48	3.85	13.5	15180	334.71	31.83	-0.12
7/28/2024 1:00	7.09	3.81	15.04	14784	383.72	30.82	-0.12
7/28/2024 2:00	7.04	4	13.14	14772	335.69	29.87	-0.11
7/28/2024 3:00	6.57	3.61	10.81	13312	305.49	29.22	-0.11
7/28/2024 4:00	6.34	3.51	11.3	12563	340.24	28.64	-0.11
7/28/2024 5:00	6.39	3.49	12.14	13391	341.52	27.85	-0.12
7/28/2024 6:00	6.17	3.6	9.85	13291	279.32	27.29	-0.12
7/28/2024 7:00	6.5	3.58	12.54	13435	352.15	27.39	-0.11
7/28/2024 8:00	6.54	3.62	13.55	14019	364.05	28.4	-0.11
7/28/2024 9:00	6.7	3.83	11.75	14737	300.82	30.01	-0.1
7/28/2024 10:00	7.44	4.02	14.63	16622	332.32	32.13	-0.1
7/28/2024 11:00	8.92	4.66	16.7	19007	329.76	34.8	-0.09
7/28/2024 12:00	8.43	4.67	15.95	18373	327.45	37.66	-0.09
7/28/2024 13:00	9.16	5.06	17.02	19622	327.24	40.52	-0.08
7/28/2024 14:00	9.22	5.03	22.29	19959	421.01	43.08	-0.08
7/28/2024 15:00	9.92	5.15	24.2	20742	441.53	44.22	-0.09
7/28/2024 16:00	9.77	5.13	16.75	19620	325.19	45.44	-0.09
7/28/2024 17:00	9.93	5.39	19.33	21003	346.99	45.65	-0.09
7/28/2024 18:00	10.31	5.31	18.19	20348	337.18	43.54	-0.09
7/28/2024 19:00	10.52	5.24	15.74	20441	290.31	41.09	-0.09

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/28/2024 20:00	9.83	5.09	14.74	20166	275.52	39.21	-0.1
7/28/2024 21:00	9.35	4.69	18.16	19337	355.56	37.4	-0.1
7/28/2024 22:00	8.58	4.46	14.79	17344	320.66	35.79	-0.1
7/28/2024 23:00	7.92	4.17	15.1	15209	373.13	34.46	-0.11
7/29/2024	8.36	4.28	19.43	16465	444.74	33.39	-0.11
7/29/2024 1:00	7.62	4.21	14.16	15721	339.78	32.47	-0.11
7/29/2024 2:00	7.12	3.74	14.01	14273	367.99	31.92	-0.11
7/29/2024 3:00	7.27	3.62	12.75	14122	340.06	31.95	-0.11
7/29/2024 4:00	7.7	3.63	15.93	14868	403.76	31.9	-0.11
7/29/2024 5:00	7.64	3.77	14.73	15396	359.96	31.67	-0.11
7/29/2024 6:00	7.26	3.66	12.87	14494	334.83	31.16	-0.11
7/29/2024 7:00	7.19	3.53	12.07	14122	322.49	31.1	-0.11
7/29/2024 8:00	7.61	3.72	13.46	14852	342.33	31.88	-0.11
7/29/2024 9:00	7.52	3.6	11.98	14541	310.55	33.42	-0.1
7/29/2024 10:00	8.89	4.03	16.12	17269	353.29	35.21	-0.1
7/29/2024 11:00	8.85	4.09	13.32	17184	292.16	36.14	-0.09
7/29/2024 12:00	8.6	4.02	15.44	16054	360.84	37.44	-0.1
7/29/2024 13:00	9.48	4.27	17.83	17841	376.24	38.61	-0.09
7/29/2024 14:00	9.44	4.32	19.8	18145	410.92	39.56	-0.09
7/29/2024 15:00	9.98	4.64	19.63	19788	372.58	42.15	-0.09
7/29/2024 16:00	9.7	4.34	17.02	18694	343.37	40.73	-0.09
7/29/2024 17:00	9.22	4.22	19.58	17633	419.08	38.61	-0.1
7/29/2024 18:00	9.26	4.24	15.52	17812	328.22	38.09	-0.1
7/29/2024 19:00	9.46	4.34	18.09	18504	368.82	36.87	-0.1
7/29/2024 20:00	9.51	4.38	17.37	18512	354	35.96	-0.1
7/29/2024 21:00	7.92	3.91	14.57	15084	366.1	34.53	-0.1
7/29/2024 22:00	8.78	3.94	16.85	16706	379.56	33.79	-0.1
7/29/2024 23:00	8.4	3.78	13.22	15640	319.64	33.01	-0.11
7/30/2024	8.17	3.78	14.44	15492	351.76	32.38	-0.11

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/30/2024 1:00	8.23	3.75	15.13	15128	375.84	31.99	-0.11
7/30/2024 2:00	8.3	3.81	18.14	15601	437.66	31.81	-0.1
7/30/2024 3:00	8.38	3.87	13.12	15963	309.91	31.72	-0.1
7/30/2024 4:00	8	3.68	16.49	15161	406.98	31.65	-0.11
7/30/2024 5:00	8.13	3.68	15.24	15693	366.93	31.33	-0.11
7/30/2024 6:00	7.96	3.5	15.92	15367	390.87	30.58	-0.11
7/30/2024 7:00	7.91	3.54	15.91	14977	399.98	30.64	-0.11
7/30/2024 8:00	7.96	3.51	13.77	15065	344.52	31.45	-0.1
7/30/2024 9:00	8.34	3.66	15.17	15939	359.63	32.51	-0.11
7/30/2024 10:00	8.92	3.88	18.85	17506	404.11	33.52	-0.1
7/30/2024 11:00	9.44	4.19	16.63	18885	331.3	34.81	-0.1
7/30/2024 12:00	9.12	4.16	16.57	18518	338.53	35.84	-0.1
7/30/2024 13:00	9.04	3.99	15.24	17676	324.88	36.15	-0.1
7/30/2024 14:00	9.11	4.13	17.73	17786	377.24	35.8	-0.1
7/30/2024 15:00	9.22	4.2	15.48	18282	318.81	36.21	-0.1
7/30/2024 16:00	8.33	3.73	16.58	15733	390.54	34.57	-0.09
7/30/2024 17:00	8.87	3.97	15.85	17205	346.62	34.54	-0.08
7/30/2024 18:00	9.15	4.23	18.81	18250	387.77	32.95	-0.08
7/30/2024 19:00	9.46	4.17	17.14	18076	357.27	32.99	-0.08
7/30/2024 20:00	9.92	4.35	18.67	19263	365.46	33.75	-0.08
7/30/2024 21:00	9.67	4.26	20.3	19124	398.82	33.72	-0.08
7/30/2024 22:00	9.2	4.11	17.47	17773	369.3	33.09	-0.09
7/30/2024 23:00	9.5	3.93	19.97	17864	422.7	33.23	-0.09
7/31/2024	8.85	3.9	15.41	16643	348.61	33.25	-0.09
7/31/2024 1:00	8.67	3.63	16.77	16529	382.23	33.32	-0.09
7/31/2024 2:00	8.35	3.68	14.84	16303	343.77	33.26	-0.1
7/31/2024 3:00	8.77	3.76	17.31	16693	390.51	33.03	-0.09
7/31/2024 4:00	8.2	3.5	14.39	15179	356.65	32.61	-0.1
7/31/2024 5:00	8.12	3.48	14.76	15607	356.72	32.3	-0.1

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
7/31/2024 6:00	8.1	3.44	15.49	15542	376.18	31.96	-0.1
7/31/2024 7:00	8.33	3.63	15.77	16188	366.48	31.68	-0.1
7/31/2024 8:00	8.39	3.59	16.02	16592	363.98	31.87	-0.1
7/31/2024 9:00					322.48	33.12	-0.1
7/31/2024 10:00	8.96	3.97	16.99	18002	375.51	34.37	-0.09
7/31/2024 11:00	9.8	4.01	15.81	19263	309.86	36.5	-0.09
7/31/2024 12:00	10.79	4.61	18.89	21885	326.6	38.93	-0.08
7/31/2024 13:00	11.9	5.06	21.24	25023	319.66	41.69	-0.07
7/31/2024 14:00	12.18	5.14	26.7	24861	398.3	43.66	-0.07
7/31/2024 15:00	12.57	5.12	19.85	25199	297.24	44.66	-0.07
7/31/2024 16:00	11.5	4.72	21.16		350.6	44.34	-0.08
7/31/2024 17:00	12.64	5.24	20.89		317.59	44.98	-0.07
7/31/2024 18:00	12.5	5.09	21.02		329.27	43.38	-0.08
7/31/2024 19:00	11.58	4.8	20.99		356.18	41.36	-0.09
7/31/2024 20:00	11.74	5.06	20.19		344.28	39.82	-0.08
7/31/2024 21:00	11.04	4.8	19.62		346.95	38.25	-0.09
7/31/2024 22:00	10.34	4.37	17.37		332.02	36.84	-0.09
7/31/2024 23:00	10.44	4.47	20.89		388.88	36.05	-0.1
8/1/2024	10.04	4.24	21.18		412.64	35.33	-0.09
8/1/2024 1:00	10.44	4.43	22.5		416.01	35	-0.09
8/1/2024 2:00	9.72	4.12	17.14		344.26	34.19	-0.1
8/1/2024 3:00	8.78	3.75	14.6		325.41	33.67	-0.1
8/1/2024 4:00	8.46	3.64	14.98		349.82	33.8	-0.1
8/1/2024 5:00	8.28	3.38	14.83		352.85	33.61	-0.1
8/1/2024 6:00	8.46	3.57	13.26		303.54	33.31	-0.1
8/1/2024 7:00					362.39	33.22	-0.1
8/1/2024 8:00					313.97	34.03	-0.1
8/1/2024 9:00	8.69	3.67	14.44	17326	313.89	34.68	-0.09
8/1/2024 10:00	9.17	3.96	14.73	18107	305.98	35.92	-0.09

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/1/2024 11:00	9.95	4.17	19.37	20149	363.39	37.63	-0.08
8/1/2024 12:00	10.12	4.27	21.29	20012	397.8	39.61	-0.08
8/1/2024 13:00	11.02	4.59	21.3	22232	361.5	42.55	-0.07
8/1/2024 14:00	11.83	4.96	23.49	24258	363.07	44.74	-0.07
8/1/2024 15:00	13.34	5.56	22.86	27293	315.81	45.38	-0.06
8/1/2024 16:00	13.31	5.52	23.45	26454	333.49	45.27	-0.06
8/1/2024 17:00	12.95	5.34	20.88	25180	312.51	45.11	-0.07
8/1/2024 18:00	12.49	4.98	22.13	23930	346.67	43.97	-0.07
8/1/2024 19:00	12.82	5.27	22.14	24827	335.72	42.74	-0.08
8/1/2024 20:00	12.39	5.18	20	24086	313.05	40.67	-0.07
8/1/2024 21:00	11.93	5.08	19.75	23793	312.97	39.07	-0.07
8/1/2024 22:00	11.72	4.92	21.35	23117	348.19	37.82	-0.07
8/1/2024 23:00	12.81	5.34	26.02	25874	379.15	37.45	-0.07
8/2/2024	12.81	5.34	24.25	26267	347.86	37.1	-0.07
8/2/2024 1:00	12.24	5.19	23.5	24416	362.55	36.59	-0.08
8/2/2024 2:00	10.82	4.67	21.63	21515	378.34	35.15	-0.1
8/2/2024 3:00	10.36	4.54	23.02	20890	413.19	32.57	-0.09
8/2/2024 4:00	9.91	4.36	20.81	20015	392.1	31.17	-0.1
8/2/2024 5:00	9.34	4.27	18.43	19348	359.8	30.14	-0.09
8/2/2024 6:00	9.7	4.22	18.85	20087	354.48	30.19	-0.09
8/2/2024 7:00	9.82	4.29	21.39	20540	392.57	30.15	-0.09
8/2/2024 8:00	9.76	4.33	18.02	20314	333.91	30.75	-0.09
8/2/2024 9:00	10.26	4.53	22.17	21835	383.72	32.23	-0.08
8/2/2024 10:00	11.64	4.89	24.97	24462	384.27	33.66	-0.08
8/2/2024 11:00	11.88	5.11	23.22	25304	345.46	35.04	-0.07
8/2/2024 12:00	11.82	5.1	24.5	25398	363.7	35.81	-0.08
8/2/2024 13:00	10.01	4.32	21.05	20617	378.82	33.78	-0.1
8/2/2024 14:00	10.51	4.64	21.72	21885	374.02	32.59	-0.08
8/2/2024 15:00	11.06	4.87	23.06	23567	368.64	33.35	-0.08

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/2/2024 16:00	11.96	5.04	22.77	25528	339.08	35.66	-0.07
8/2/2024 17:00	13.83	5.69	24.47	29253	315.35	37.63	-0.05
8/2/2024 18:00	13.98	5.85	24.43	29627	310.83	37.18	-0.05
8/2/2024 19:00	13.5	5.63	22.66	27102	315.2	36.12	-0.06
8/2/2024 20:00	13.17	5.59	22.61	27484	310.29	35.57	-0.06
8/2/2024 21:00	12.16	5.15	21.73	24424	336.58	34.2	-0.06
8/2/2024 22:00	11.99	5.11	20.7	24470	319.24	33.75	-0.07
8/2/2024 23:00	11.67	4.96	20.39	23615	325.29	33.47	-0.07
8/3/2024	11.45	4.96	20.75	23423	335.17	33.06	-0.07
8/3/2024 1:00	11.43	5	20.12	23473	323.21	33.05	-0.07
8/3/2024 2:00	11.32	4.89	21.07	23603	336.87	33.12	-0.08
8/3/2024 3:00	11.24	4.94	22.31	23676	355.71	32.95	-0.08
8/3/2024 4:00	11.06	4.85	21.09	22722	350.3	32.82	-0.08
8/3/2024 5:00	11.53	4.92	22.04	23475	353.69	32.93	-0.08
8/3/2024 6:00	11.86	4.99	20.08	24810	305.18	32.26	-0.07
8/3/2024 7:00	11.46	4.85	22.08	23558	353.91	31.79	-0.07
8/3/2024 8:00	12.06	5.12	23.92	25503	353.54	31.94	-0.07
8/3/2024 9:00	11.76	5.05	21.38	24474	329.38	32.41	-0.08
8/3/2024 10:00	12.16	5.12	22.7	25046	342.37	34.12	-0.06
8/3/2024 11:00	13.81	5.69	23.96	29705	304.22	35.8	-0.05
8/3/2024 12:00	14.57	5.95	24.55	30759	300.92	38.01	-0.05
8/3/2024 13:00	13.53	5.71	23.63	28252	318.68	40.44	-0.05
8/3/2024 14:00	13.75	5.7	23.65	29114	306.29	42.98	-0.04
8/3/2024 15:00	13.51	5.58	26.43	28592	348.96	44.73	-0.06
8/3/2024 16:00	13.21	5.45	23.32	27261	324.35	45.4	-0.06
8/3/2024 17:00	13.38	5.6	23.66	28278	315.66	44.24	-0.05
8/3/2024 18:00	12.21	5.12	23.06	25347	343.51	40.19	-0.06
8/3/2024 19:00	12.15	5.15	23.32	25705	342.41	37.21	-0.06
8/3/2024 20:00	12.93	5.55	24.23	28077	325.19	35.56	-0.06

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/3/2024 21:00	12.62	5.48	23.69	26790	333.44	34.38	-0.06
8/3/2024 22:00	12.93	5.5	25.67	27508	351.86	33.89	-0.06
8/3/2024 23:00	12.22	5.26	22.83	25938	332.52	33.17	-0.07
8/4/2024	11.2	4.89	25.61	23688	409.79	32.74	-0.08
8/4/2024 1:00	10.76	4.65	20.78	21850	358.03	32.18	-0.09
8/4/2024 2:00	9.82	4.4	18.3	19865	348.41	31.53	-0.09
8/4/2024 3:00	10.44	4.58	21.07	22196	356.81	31.4	-0.09
8/4/2024 4:00	10.13	4.5	23.98	21855	415.24	30.84	-0.09
8/4/2024 5:00	9.87	4.53	20.31	21470	356.03	30.54	-0.09
8/4/2024 6:00	9.72	4.41	23.84	20976	428.78	30.29	-0.09
8/4/2024 7:00	9.83	4.31	20.19	20555	370.84	30.48	-0.09
8/4/2024 8:00	9.86	4.25	19.38	20633	353.45	31.41	-0.09
8/4/2024 9:00	10.69	4.69	22.6	23372	363.26	32.91	-0.08
8/4/2024 10:00	12.06	5.2	23.67	26323	339.54	34.93	-0.07
8/4/2024 11:00	12.01	5.18	23.75	26568	333.49	37.14	-0.07
8/4/2024 12:00	12.5	5.28	24.1	27027	338.76	38.81	-0.07
8/4/2024 13:00	13.27	5.61	25.53	28862	333.37	41.02	-0.07
8/4/2024 14:00	13.36	5.68	23.45	28409	311.15	41.8	-0.07
8/4/2024 15:00	13.58	5.75	23.54	28510	311.34	42.1	-0.07
8/4/2024 16:00	13.13	5.48	22.76	26962	321.67	43.41	-0.07
8/4/2024 17:00	13.93	5.91	23.58	29448	301.75	43.93	-0.07
8/4/2024 18:00	13.34	5.65	27.55	27826	373.02	42.42	-0.07
8/4/2024 19:00	12.61	5.4	26.03	26763	366.46	40.72	-0.07
8/4/2024 20:00	12.78	5.44	22.24	26558	315.54	38.99	-0.08
8/4/2024 21:00	12.6	5.32	26.6	26421	379.59	37.38	-0.08
8/4/2024 22:00	11.66	5.15	23.01	24043	360.42	35.69	-0.09
8/4/2024 23:00	12.3	5.39	20.09	26280	288.29	34.95	-0.09
8/5/2024	11.5	5.15	23.36	24805	356.31	33.9	-0.09
8/5/2024 1:00	11.04	4.94	26.51	23380	428.11	33.28	-0.09

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/5/2024 2:00	10.36	4.62	20.48	21836	353.68	32.46	-0.1
8/5/2024 3:00	9.83	4.47	22.71	20313	420.55	31.74	-0.1
8/5/2024 4:00	9.26	4.2	19.23	19147	378.85	31.17	-0.1
8/5/2024 5:00	9.92	4.5	19.23	21029	344.44	31.36	-0.09
8/5/2024 6:00	9.27	4.16	17.87	19821	342.13	31.1	-0.1
8/5/2024 7:00	10.1	4.54	22.91	21935	393.13	31.71	-0.09
8/5/2024 8:00	9.94	4.57	20.49	21820	354.88	32	-0.09
8/5/2024 9:00	10.21	4.59	18.05	21848	312.64	33.03	-0.08
8/5/2024 10:00	11.15	5.04	20.51	24521	315.86	34.7	-0.08
8/5/2024 11:00	11.68	5.19	25.78	25468	381.34	36.18	-0.07
8/5/2024 12:00	12.13	5.33	27.85	26110	400.88	37.67	-0.07
8/5/2024 13:00	11.09	4.94	23.48	23433	376.8	37.89	-0.08
8/5/2024 14:00	9.57	4.39	19.94	19437	386.93	36.46	-0.08
8/5/2024 15:00	10.35	4.64	21.15	21553	371.06	39.16	-0.08
8/5/2024 16:00	12.24	5.39	24.8	27149	345.87	39.66	-0.07
8/5/2024 17:00	12.86	5.56	23.73	27373	327.87	39.4	-0.06
8/5/2024 18:00	11.68	5.02	21.15	23771	334.93	37.52	-0.06
8/5/2024 19:00	10.83	4.86	20.66	22451	346.58	35.28	-0.06
8/5/2024 20:00	11.41	5.04	22.84	24297	354.41	33.65	-0.06
8/5/2024 21:00	12.48	5.4	23.98	26900	336.29	32.64	-0.06
8/5/2024 22:00	12.41	5.42	22.37	27270	309.24	32.32	-0.06
8/5/2024 23:00	11.65	5.25	23.57	25052	353.82	31.77	-0.06
8/6/2024	10.93	4.94	23.5	23390	378.01	31.22	-0.07
8/6/2024 1:00	12.43	5.62	27.56	27632	375.51	31.49	-0.06
8/6/2024 2:00	12.65	5.64	24.11	27740	327.68	31.35	-0.06
8/6/2024 3:00	12.21	5.49	22.91	26448	326.69	31.39	-0.06
8/6/2024 4:00	11.36	4.99	21.53	24087	339.37	30.99	-0.07
8/6/2024 5:00	11.48	5.12	23.26	24663	357.22	31.36	-0.08
8/6/2024 6:00	10.82	4.85	24.49	23144	398.71	30.54	-0.08

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/6/2024 7:00	10.32	4.55	19.64	22088	336.05	28.77	-0.09
8/6/2024 8:00	9.49	4.35	22.24	20286	414.07	27.89	-0.09
8/6/2024 9:00	8.96	4.1	19.53	19149	384.66	26.88	-0.09
8/6/2024 10:00	8.9	4.3	20.07	20204	376	25.26	-0.09
8/6/2024 11:00	7.71	3.78	17.81	17084	392.64	25.2	-0.1
8/6/2024 12:00	7.52	3.7	16.39	16404	376.55	25.31	-0.1
8/6/2024 13:00	7.68	3.76	19.53	17208	426.67	25.6	-0.1
8/6/2024 14:00	8.04	3.87	19.07	17995	400.66	25.5	-0.1
8/6/2024 15:00	8.24	3.99	18.93	18560	385.16	26.19	-0.09
8/6/2024 16:00	8.94	4.1	18.31	19680	351.91	28.49	-0.09
8/6/2024 17:00	9.76	4.48	22.97	22254	388.75	29.84	-0.08
8/6/2024 18:00	10.03	4.48	22.69	22206	385.16	29.92	-0.08
8/6/2024 19:00	9.85	4.51	24	22289	406.15	29.81	-0.08
8/6/2024 20:00	10.27	4.58	21.15	22811	349.69	29.79	-0.08
8/6/2024 21:00	10.55	4.67	26.25	23343	424.69	29.27	-0.08
8/6/2024 22:00	9.7	4.4	25.06	20937	442.36	28.4	-0.09
8/6/2024 23:00	10.18	4.6	20.84	22375	350.63	28.31	-0.09
8/7/2024	10.13	4.52	24.43	21914	419.84	27.97	-0.08
8/7/2024 1:00	9.81	4.42	22.03	21533	385.79	27.52	-0.09
8/7/2024 2:00	9.68	4.41	20.83	21222	369.79	27.15	-0.09
8/7/2024 3:00	9.68	4.34	23.83	21397	419.19	26.85	-0.09
8/7/2024 4:00	8.96	4.04	20.13	19216	389.59	26.28	-0.09
8/7/2024 5:00	9.47	4.24	17.37	21121	310.23	26.51	-0.09
8/7/2024 6:00	9.02	4.13	21.99	19799	415.88	26.22	-0.09
8/7/2024 7:00	8.89	4.09	18.4	19427	357.44	26.25	-0.09
8/7/2024 8:00	9.66	4.31	20.07	21741	344.15	26.81	-0.08
8/7/2024 9:00					363.44	27.88	-0.08
8/7/2024 10:00	11.48	5.05	26.32	26438	375.41	29.34	-0.06
8/7/2024 11:00	11.95	5.17	24.13	27130	335.72	31.21	-0.06

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/7/2024 12:00	11.98	5.15	30.98	27515	424.72	33.65	-0.06
8/7/2024 13:00	12.26	5.32	22.76	27726	309.37	36.3	-0.06
8/7/2024 14:00	11.87	5.27	21.98	26552	314.09	38.18	-0.05
8/7/2024 15:00	12.58	5.3	30.47	27676	414.94	38.89	-0.05
8/7/2024 16:00	12.18	5.23	23.17	26540	330.16	38.79	-0.05
8/7/2024 17:00	12.61	5.42	25.21	27704	343.13	37.59	-0.05
8/7/2024 18:00	12.86	5.5	24.52	28187	328.28	35.03	-0.05
8/7/2024 19:00	12.49	5.36	24.74	27160	342.99	32.95	-0.06
8/7/2024 20:00	12.05	5.3	25.19	25795	368.48	32.18	-0.07
8/7/2024 21:00	11.14	4.93	23.42	24402	361.94	31.5	-0.07
8/7/2024 22:00	10.93	4.78	23.32	23555	373.23	30.9	-0.08
8/7/2024 23:00	10.99	4.9	20.83	24687	317.98	30.34	-0.08
8/8/2024	9.71	4.4	22.13	21159	384.65	29.41	-0.09
8/8/2024 1:00	10.32	4.64	28.73	22951	471.57	29.5	-0.09
8/8/2024 2:00	9.91	4.6	25.28	22392	425.42	29.29	-0.09
8/8/2024 3:00	9.95	4.61	21.43	22332	361.22	28.91	-0.09
8/8/2024 4:00	9.12	4.24	21.76	20313	400.32	28.03	-0.1
8/8/2024 5:00	9.63	4.44	22.22	21719	385.88	27.81	-0.1
8/8/2024 6:00	9.15	4.41	27.11	21529	474.27	27.7	-0.1
8/8/2024 7:00	9.53	4.41	23.07	21276	408.89	28.11	-0.09
8/8/2024 8:00	9.35	4.32	21.32	21191	377.75	28.99	-0.09
8/8/2024 9:00	10.3	4.61	19.62	23062	321.13	30.67	-0.08
8/8/2024 10:00	11.01	4.8	25.61	24519	393.59	32.68	-0.07
8/8/2024 11:00	11.67	5.12	22.92	26129	330.46	34.71	-0.07
8/8/2024 12:00	10.85	4.84	22.6	23584	360	35.34	-0.08
8/8/2024 13:00	11.57	5.05	23.57	25183	353.16	37.54	-0.07
8/8/2024 14:00	11.6	5.12	22.92	24908	347.81	41.09	-0.07
8/8/2024 15:00	12.59	5.38	21.78	26899	305.39	41.11	-0.07
8/8/2024 16:00	12.61	5.41	23.71	26745	333.96	41	-0.07

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/8/2024 17:00	13.13	5.64	22.2	27633	302.87	40.37	-0.06
8/8/2024 18:00	13.09	5.73	21.33	27018	297.65	39.79	-0.07
8/8/2024 19:00	12.21	5.34	21.88	24657	334.44	38.68	-0.07
8/8/2024 20:00	12.77	5.47	20.81	26004	301.56	38.08	-0.07
8/8/2024 21:00	12.52	5.33	26.38	25335	393.29	36.81	-0.07
8/8/2024 22:00	12.08	5.2	19.83	24281	308.01	35.91	-0.08
8/8/2024 23:00	11.51	4.99	21.27	23169	346.14	35.41	-0.08
8/9/2024	10.96	4.75	22.9	22045	391.86	34.65	-0.08
8/9/2024 1:00	11.35	4.97	26.26	23134	427.68	33.68	-0.08
8/9/2024 2:00	11.9	5.16	22.38	25056	336.6	33.03	-0.07
8/9/2024 3:00	11.97	5.31	23.63	25394	350.65	32.49	-0.07
8/9/2024 4:00	10.39	4.59	22.33	21465	387.66	31.42	-0.08
8/9/2024 5:00	11.11	4.93	24.24	23339	391.49	31.06	-0.08
8/9/2024 6:00	11.44	5.01	23.54	24051	367.44	30.18	-0.07
8/9/2024 7:00	11.73	5.21	26.87	25222	401.46	29.52	-0.07
8/9/2024 8:00	11.59	5.07	25.4	24686	387.12	29.68	-0.07
8/9/2024 9:00	12.28	5.28	21.27	25330	316.21	30.72	-0.06
8/9/2024 10:00	12.01	5.22	22.9	25084	343.49	31.88	-0.06
8/9/2024 11:00	13.04	5.62	22.74	27496	311.72	33.73	-0.05
8/9/2024 12:00	12.55	5.47	24.11	26202	346.96	35.32	-0.06
8/9/2024 13:00	11.55	5.02	22.55	23595	355.73	36.53	-0.06
8/9/2024 14:00	11.77	5.28	24.52	25019	369.86	38.91	-0.06
8/9/2024 15:00	20.93	7.66	53.44	45708	385.17	38.1	-0.01
8/9/2024 16:00	15.59	5.89	20.9	25951	303.68	37.36	-0.05
8/9/2024 17:00	13.71	5.63	18.55	22291	313.76	38.69	-0.06
8/9/2024 18:00	12.76	5.19	20.25	19991	381.54	37.05	-0.08
8/9/2024 19:00	12.12	4.79	15.98	18568	325.3	36.06	-0.08
8/9/2024 20:00	12.76	5.2	19.29	22052	330.62	34.64	-0.08
8/9/2024 21:00	11.87	5.16	19.22	20669	350.94	33.03	-0.08

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/9/2024 22:00	10.93	4.74	17.93	18943	355.89	31.43	-0.09
8/9/2024 23:00	10.41	4.83	19.62	19200	384.04	30.28	-0.09
8/10/2024	9.67	4.6	16.52	17807	349.96	29.34	-0.1
8/10/2024 1:00	9.04	4.15	16.01	15473	387.27	27.89	-0.11
8/10/2024 2:00	8.99	4.24	20.62	17494	443.84	26.67	-0.11
8/10/2024 3:00	8.37	4.01	17.43	16390	400.36	25.78	-0.11
8/10/2024 4:00	7.83	3.9	14.85	15327	363.13	25.15	-0.11
8/10/2024 5:00	7.55	3.78	14.64	14664	377.46	24.78	-0.12
8/10/2024 6:00	7.65	3.58	12.58	13391	353.66	24.3	-0.12
8/10/2024 7:00	7.91	3.69	14.31	14559	371.96	24.09	-0.12
8/10/2024 8:00	8.15	4.04	15.41	16383	354.69	24.76	-0.11
8/10/2024 9:00	7.94	3.92	14.05	16592	318.47	26.09	-0.1
8/10/2024 10:00	8.8	4.25	17.27	18692	348.31	27.89	-0.1
8/10/2024 11:00	9.12	4.34	14.71	18089	306.94	30.13	-0.09
8/10/2024 12:00	9.27	4.42	16.97	18436	346.76	32.38	-0.09
8/10/2024 13:00	9.68	4.54	17.94	18940	356.21	34.32	-0.09
8/10/2024 14:00	9.82	4.49	17.94	18418	367.51	36	-0.09
8/10/2024 15:00	10.22	4.36	16.89	17431	365.35	36.24	-0.09
8/10/2024 16:00	10.3	4.53	17.68	18587	358.09	35.45	-0.09
8/10/2024 17:00	10.27	4.65	17.65	19567	339.46	35.55	-0.09
8/10/2024 18:00	10.18	4.44	22.18	18598	450.18	35.02	-0.09
8/10/2024 19:00	10.21	4.53	18.7	18029	395.2	33.37	-0.09
8/10/2024 20:00	10.5	4.73	19.99	20041	376.44	32.38	-0.09
8/10/2024 21:00	9.88	4.49	17.34	18172	360.35	31.07	-0.1
8/10/2024 22:00	9.32	4.16	16.24	17306	353.63	29.18	-0.11
8/10/2024 23:00	9.11	4.31	18.2	17716	388.05	27.76	-0.11
8/11/2024	8.16	3.98	21.77	16076	511.76	26.79	-0.12
8/11/2024 1:00	8.61	3.88	14.45	15552	350.62	26.63	-0.12
8/11/2024 2:00	8.4	3.74	14.6	14494	379.85	26.46	-0.12

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/11/2024 3:00	8.28	3.59	12.48	13526	347.78	26.44	-0.12
8/11/2024 4:00	9.01	3.84	14.58	16437	336.78	26.22	-0.11
8/11/2024 5:00	8.78	4.03	17.24	17209	377.42	26.28	-0.11
8/11/2024 6:00	8.76	3.99	16.04	16128	373.91	25.99	-0.11
8/11/2024 7:00	8.04	3.63	12.71	14434	332.38	25.96	-0.11
8/11/2024 8:00	7.79	3.44	12.39	12916	362.12	26.54	-0.11
8/11/2024 9:00	7.91	3.34	11.93	12720	354.24	27.99	-0.11
8/11/2024 10:00	8.34	3.3	10.71	12910	312.74	29.46	-0.1
8/11/2024 11:00	8.82	3.31	11.29	12399	343.18	30.83	-0.1
8/11/2024 12:00	10.84	4.28	19.96	19232	390.45	32.82	-0.08
8/11/2024 13:00	10.51	4.46	21.36	19467	413.48	35.62	-0.08
8/11/2024 14:00	10.72	4.46	15.79	18623	320.39	36.76	-0.09
8/11/2024 15:00	10.39	4.18	14.95	17246	327.44	37.94	-0.1
8/11/2024 16:00	10.86	4.22	17.06	18163	353.08	35.82	-0.1
8/11/2024 17:00	10.82	4.54	21.33	19374	415.65	34.26	-0.09
8/11/2024 18:00	9.85	4.19	17.61	17372	382.6	32.17	-0.1
8/11/2024 19:00	10.53	4.67	19.04	20850	344.71	32.2	-0.09
8/11/2024 20:00	10.24	4.67	24.52	20679	446.88	31.68	-0.09
8/11/2024 21:00	10.39	4.4	18.87	19074	369.98	30.41	-0.1
8/11/2024 22:00	9.09	4	16.69	15579	398.81	29.17	-0.1
8/11/2024 23:00	9.93	4.39	18.4	19378	357.96	28.89	-0.1
8/12/2024	9.27	4.26	19.17	18668	387.68	28.45	-0.1
8/12/2024 1:00	8.76	4.1	19.57	17906	410.51	27.87	-0.1
8/12/2024 2:00	9.3	4.64	20.08	22084	342.66	27.3	-0.1
8/12/2024 3:00	8.51	4.42	18.05	20714	328.83	26.67	-0.1
8/12/2024 4:00	8.71	4.55	24.1	22820	397.5	26.09	-0.1
8/12/2024 5:00	8.3	4.53	23.73	22918	390.9	25.89	-0.11
8/12/2024 6:00	7.64	4.27	20.58	20290	383.73	25.48	-0.11
8/12/2024 7:00	7.24	4.05	17.14	18034	356.94	25.13	-0.11

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/12/2024 8:00	7.25	3.73	14.53	16587	330.87	25.48	-0.11
8/12/2024 9:00	7.43	3.6	17.31	15757	413.86	26.52	-0.1
8/12/2024 10:00	8.53	3.71	15.4	16125	360.02	28.05	-0.09
8/12/2024 11:00	9.85	3.97	18.37	16924	409.35	30.29	-0.08
8/12/2024 12:00	11.24	4.29	16.26	18117	338.75	32.62	-0.08
8/12/2024 13:00	11.96	4.25	19.47	17854	412.39	35.65	-0.07
8/12/2024 14:00	11.69	4.1	16.49	15946	390.42	38.7	-0.08
8/12/2024 15:00	12.27	4.17	14.21	16591	322.69	40.47	-0.08
8/12/2024 16:00	12.51	4.33	16.59	18509	337.7	41.42	-0.07
8/12/2024 17:00	13.35	5.08	18.86	22114	321.28	40.45	-0.07
8/12/2024 18:00	12.69	4.9	20.89	20376	385.9	37.56	-0.07
8/12/2024 19:00	13.17	5.1	18.33	23064	299.58	35.7	-0.07
8/12/2024 20:00	12.46	4.89	21.64	21043	384.09	34.52	-0.08
8/12/2024 21:00	10.9	4.4	16.56	17681	351.67	33.2	-0.09
8/12/2024 22:00	10.76	4.33	21.05	18767	417.67	31.5	-0.1
8/12/2024 23:00	10.39	4.6	22.08	19431	428.37	30.3	-0.1
8/13/2024	9.87	4.41	19.4	18946	385.67	29.05	-0.1
8/13/2024 1:00	9.42	4.35	20.3	18611	411.41	28.15	-0.11
8/13/2024 2:00	8.84	4.09	19.14	17442	412.98	27.75	-0.11
8/13/2024 3:00	9.38	4.53	20.79	20294	386.6	27.61	-0.11
8/13/2024 4:00	9.2	4.54	22.45	20499	414.04	27.11	-0.11
8/13/2024 5:00	9.21	4.49	20.01	20495	367.17	26.92	-0.1
8/13/2024 6:00	8.83	4.3	19.62	18281	405.06	26.88	-0.1
8/13/2024 7:00	8.26	3.95	15.4	16044	362.71	26.84	-0.1
8/13/2024 8:00	8.44	3.69	16.17	14267	426.39	27.43	-0.1
8/13/2024 9:00	9.38	3.71	16.34	14756	418.46	28.94	-0.09
8/13/2024 10:00	11.29	4.28	17.06	17280	371.78	30.92	-0.08
8/13/2024 11:00	12.3	4.48	19.74	18072	411.94	33.39	-0.07
8/13/2024 12:00	12.62	4.51	17.29	19970	332.22	35.61	-0.07

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/13/2024 13:00	13.54	5.2	18.93	22678	314.9	38.66	-0.06
8/13/2024 14:00	13.97	5.18	18.23	21735	316.08	41.44	-0.06
8/13/2024 15:00	14.21	5.11	17.85	21425	314	40.66	-0.06
8/13/2024 16:00	13.79	4.96	17.97	21295	319.11	40.4	-0.05
8/13/2024 17:00	13.5	5	18.24	21607	318.37	39.1	-0.06
8/13/2024 18:00	13.13	5	17.26	20098	325.33	36.88	-0.06
8/13/2024 19:00	14.07	5.43	19.25	23274	313.58	35.28	-0.07
8/13/2024 20:00	13.57	5.36	18.11	22255	306.66	34.44	-0.07
8/13/2024 21:00	12.53	4.87	19.87	18594	399.15	33.16	-0.08
8/13/2024 22:00	11.91	4.7	19.93	20006	375.8	32.33	-0.08
8/13/2024 23:00	10.82	4.57	17.98	18977	357.07	31.76	-0.09
8/14/2024	10.46	4.42	14.24	17645	303.99	30.94	-0.09
8/14/2024 1:00	10.18	4.17	15.95	16166	372.32	30.27	-0.09
8/14/2024 2:00	9.46	3.66	13.99	14715	360.61	29.38	-0.1
8/14/2024 3:00	10.06	4.2	15.98	18350	328.44	28.92	-0.09
8/14/2024 4:00	9.44	4.19	19.16	18641	385.92	28.18	-0.1
8/14/2024 5:00	8.78	4.06	17.16	17338	374.29	27.76	-0.1
8/14/2024 6:00	8.99	4.03	13.06	16953	290.43	27.52	-0.1
8/14/2024 7:00	8.82	3.87	17.74	16786	398.89	27.46	-0.1
8/14/2024 8:00	8.98	3.95	14	17009	350.76	28.08	-0.1
8/14/2024 9:00					343.22	29.44	-0.09
8/14/2024 10:00	10.6	4.62	18.96	20805	343.77	31.42	-0.08
8/14/2024 11:00	11.99	5	24.74	23764	390.86	33.49	-0.07
8/14/2024 12:00	11.74	4.99	19.74	22182	335.5	35.15	-0.07
8/14/2024 13:00	13.05	5.5	23.47	25564	345.91	37.57	-0.06
8/14/2024 14:00	13.6	5.79	21.68	26626	307	39.64	-0.06
8/14/2024 15:00	13.94	5.82	22.08	26355	315.55	41.51	-0.06
8/14/2024 16:00	12.8	5.42	22.81	24066	357.12	42.07	-0.07
8/14/2024 17:00	13.31	5.65	20.99	25747	307.3	40.95	-0.06

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/14/2024 18:00	13.65	5.84	20.94	26488	298.02	38.61	-0.07
8/14/2024 19:00	13.2	5.56	21.89	25194	328.09	36.83	-0.07
8/14/2024 20:00	13.88	5.69	21.45	25844	312.64	35.95	-0.07
8/14/2024 21:00	12.1	5.15	20.43	22191	346.08	34.58	-0.08
8/14/2024 22:00	11.71	4.96	22.46	21419	395.24	33.29	-0.08
8/14/2024 23:00	11.07	4.79	21.09	20670	382.2	31.87	-0.09
8/15/2024	10.17	4.48	20.97	18927	417.29	30.26	-0.1
8/15/2024 1:00	10.59	4.56	19.03	19304	372.05	29.73	-0.09
8/15/2024 2:00	9.81	4.27	19.63	18146	408.42	29.15	-0.1
8/15/2024 3:00	9.38	4.09	19.19	17495	413.05	28.39	-0.1
8/15/2024 4:00	9.08	4.1	17.23	17171	377.32	27.36	-0.11
8/15/2024 5:00	9.65	4.37	21.61	19140	425.66	26.86	-0.11
8/15/2024 6:00	9.64	4.45	17.76	19129	349.64	26.46	-0.11
8/15/2024 7:00	9.67	4.5	23.27	19124	458.42	26.38	-0.1
8/15/2024 8:00	9.5	4.36	17.5	18857	348.47	26.96	-0.1
8/15/2024 9:00	9.18	4.16	23.54	17913	487.33	28.07	-0.1
8/15/2024 10:00	10.46	4.67	20.88	20473	383.89	30.33	-0.09
8/15/2024 11:00	11.86	5.09	19.67	22957	323.03	32.69	-0.08
8/15/2024 12:00	12.39	5.46	20.79	24394	321.84	34.85	-0.08
8/15/2024 13:00	12.67	5.49	19.41	24117	306.1	36.6	-0.08
8/15/2024 14:00	13	5.68	21.97	24421	339.06	38.08	-0.08
8/15/2024 15:00	12.35	5.29	19.39	22589	324.34	39.52	-0.09
8/15/2024 16:00	12.67	5.51	20.44	23839	323.34	40.04	-0.08
8/15/2024 17:00	12.97	5.58	21.14	24362	327.85	39.01	-0.08
8/15/2024 18:00	13.79	5.95	21.24	26674	300.19	37.61	-0.08
8/15/2024 19:00	13.48	5.71	20.43	25112	307.09	36.31	-0.08
8/15/2024 20:00	13.2	5.69	20.07	24159	313.58	35.23	-0.08
8/15/2024 21:00	11.65	5.22	23.58	21757	409.01	33.92	-0.09
8/15/2024 22:00	11.05	4.93	17.13	20016	323.63	32.71	-0.1

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/15/2024 23:00	11.39	4.97	18.53	20912	334.02	32.19	-0.1
8/16/2024	11.01	4.88	19.03	20208	355.51	31.52	-0.1
8/16/2024 1:00	11.12	4.91	16.31	20184	304.87	31.43	-0.09
8/16/2024 2:00	11.03	4.76	17.57	19667	336.78	30.87	-0.09
8/16/2024 3:00	10.58	4.68	22.13	19132	436.38	30.46	-0.09
8/16/2024 4:00	9.83	4.39	16.86	17810	358.54	30.24	-0.1
8/16/2024 5:00	10.01	4.47	16.41	18450	335.35	29.41	-0.1
8/16/2024 6:00	9.61	4.34	18.53	17920	389.43	28.64	-0.11
8/16/2024 7:00	9.44	4.33	19.06	17878	401.68	27.46	-0.11
8/16/2024 8:00	9.54	4.36	19.23	17745	407.95	27.69	-0.1
8/16/2024 9:00	9.84	4.37	15.22	18673	307.13	29.05	-0.1
8/16/2024 10:00	10.55	4.76	21.83	20760	397	30.74	-0.1
8/16/2024 11:00	11.52	5.17	24.44	22660	406.2	32.52	-0.09
8/16/2024 12:00	11.57	5.19	28.34	22264	480.34	33.43	-0.09
8/16/2024 13:00	10.21	4.67	16.49	19054	324.74	32.8	-0.1
8/16/2024 14:00	9.79	4.55	17.54	18361	359.93	30.79	-0.09
8/16/2024 15:00	8.82	4.2	16.8	15816	398.81	29.89	-0.09
8/16/2024 16:00	9.72	4.54	18.44	17884	388.63	29.93	-0.09
8/16/2024 17:00	9.87	4.38	15.4	17913	324.29	32.01	-0.09
8/16/2024 18:00	10.1	4.42	20.4	18464	417.09	32.82	-0.09
8/16/2024 19:00	10.29	4.64	18.75	19113	370.62	32.52	-0.09
8/16/2024 20:00	11.07	4.96	17.91	21102	320.28	32.18	-0.09
8/16/2024 21:00	10.5	4.69	19.38	19593	373.9	31.77	-0.09
8/16/2024 22:00	10.08	4.47	15.93	18229	330.33	31.1	-0.1
8/16/2024 23:00	10.57	4.7	20.33	19058	401.77	30.75	-0.1
8/17/2024	10.24	4.59	14.82	19153	291.72	30.2	-0.1
8/17/2024 1:00	10.04	4.38	20.46	18055	424.04	29.74	-0.1
8/17/2024 2:00	10.32	4.63	21.49	19048	425.09	29.64	-0.1
8/17/2024 3:00	10.28	4.7	19.99	19098	393.72	29.64	-0.1

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/17/2024 4:00	10.16	4.5	16.8	18334	346.61	29.53	-0.1
8/17/2024 5:00	10.58	4.74	17.18	19224	337.49	29.66	-0.1
8/17/2024 6:00	10.16	4.46	16.3	18132	341.25	28.79	-0.1
8/17/2024 7:00	10.23	4.65	14.71	18763	295.41	29.26	-0.1
8/17/2024 8:00	10.4	4.68	20.49	19020	405.09	30.14	-0.1
8/17/2024 9:00	10.9	4.88	18.23	19984	344.06	31.24	-0.09
8/17/2024 10:00	10.79	4.7	18.21	19345	353.93	32.35	-0.09
8/17/2024 11:00	11.85	5.07	22.15	21532	387.89	33.95	-0.09
8/17/2024 12:00	11.48	5.04	18.72	20866	338.58	35.14	-0.09
8/17/2024 13:00	12.21	5.14	19.11	21969	327.76	36.02	-0.09
8/17/2024 14:00	11.88	5.12	18.49	21778	320.17	35.46	-0.08
8/17/2024 15:00	12.04	5.16	18.4	21171	328.14	36.94	-0.09
8/17/2024 16:00	10.54	4.77	17.9	18765	364.28	34.15	-0.08
8/17/2024 17:00	10.45	4.59	18.1	18131	377.01	31.8	-0.08
8/17/2024 18:00	10.69	4.63	16.33	18847	326.49	32.49	-0.09
8/17/2024 19:00	10.54	4.56	16.4	18462	335.71	31.74	-0.09
8/17/2024 20:00	11.04	4.86	18.22	19851	345.89	31.48	-0.09
8/17/2024 21:00	10.82	4.81	16.79	20003	318.29	31.19	-0.09
8/17/2024 22:00	10.33	4.48	17.45	18173	364.9	30.84	-0.09
8/17/2024 23:00	10.13	4.39	15.03	17926	316.6	30.91	-0.1
8/18/2024	10.33	4.37	20.19	18561	409.98	30.18	-0.09
8/18/2024 1:00	10.13	4.46	16.4	18081	341.96	29.9	-0.09
8/18/2024 2:00	9.81	4.3	14.66	17848	309.68	29.85	-0.09
8/18/2024 3:00	9.59	4.21	18.15	17694	387.13	29.59	-0.1
8/18/2024 4:00	9.36	4.08	16.5	16809	370.57	29.38	-0.1
8/18/2024 5:00	10.03	4.39	16.19	18329	332.48	29.44	-0.09
8/18/2024 6:00	9.55	4.33	19.16	17271	417.64	29.55	-0.09
8/18/2024 7:00	9.86	4.28	18.74	17824	397.77	29.87	-0.09
8/18/2024 8:00	10.37	4.47	14.57	18836	291.54	30.38	-0.08

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/18/2024 9:00	10.56	4.53	17.48	19406	338.59	30.97	-0.08
8/18/2024 10:00	11.01	4.74	17.87	20253	331.02	32.02	-0.07
8/18/2024 11:00	12.88	5.5	20.61	24390	318.53	33.31	-0.05
8/18/2024 12:00	13.26	5.52	20.59	25090	309.41	33.93	-0.05
8/18/2024 13:00	13.14	5.52	21.97	24370	340.68	35.33	-0.06
8/18/2024 14:00	11.14	4.87	18.32	19991	346.22	33.15	-0.06
8/18/2024 15:00	10.29	4.37	17.03	17773	359.14	30.37	-0.06
8/18/2024 16:00	11.6	4.95	19.74	21182	351.91	30.23	-0.05
8/18/2024 17:00	12.67	5.34	21.82	23533	349.79	30.65	-0.05
8/18/2024 18:00	12.89	5.45	20.79	23244	337.38	29.93	-0.05
8/18/2024 19:00	12.33	4.97	20.67	21687	359.52	30.11	-0.06
8/18/2024 20:00	11.98	5.04	21.73	21443	382.7	29.81	-0.06
8/18/2024 21:00	11.45	4.85	22.14	21077	395.79	28.55	-0.06
8/18/2024 22:00	11.27	4.89	21	20685	382.59	27.57	-0.05
8/18/2024 23:00	11.06	4.75	19.89	19980	376.33	27.4	-0.06
8/19/2024	11.21	4.81	19.99	20791	362.5	26.8	-0.06
8/19/2024 1:00	11.72	4.87	23.4	21341	413.77	27.23	-0.05
8/19/2024 2:00	12.11	5.12	18.66	22272	315.47	27.76	-0.06
8/19/2024 3:00	12.38	5.32	21.62	23258	350.27	27.79	-0.06
8/19/2024 4:00	11.93	5.04	18.55	20921	337.62	27.63	-0.07
8/19/2024 5:00	12.02	5.19	22.61	22598	377.18	27.76	-0.06
8/19/2024 6:00	12.09	5.12	19.69	22485	330	27.66	-0.06
8/19/2024 7:00	11.35	4.89	18.1	20740	331.72	27.02	-0.05
8/19/2024 8:00	12.06	5	22.14	22238	375.68	27.36	-0.07
8/19/2024 9:00	11.73	5.04	18.53	21566	323.63	27.89	-0.05
8/19/2024 10:00	11.78	4.96	17.98	22048	307.51	28.3	-0.06
8/19/2024 11:00	11.89	5.03	21.22	22169	361.05	28.66	-0.05
8/19/2024 12:00	11.67	4.97	20.44	21683	355.08	29	-0.04
8/19/2024 13:00	11	4.72	20.24	20341	372.91	29.22	-0.05

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/19/2024 14:00	11.58	4.86	17.51	21429	307.85	29.69	-0.05
8/19/2024 15:00	11.35	4.88	17.92	21394	315.77	28.99	-0.06
8/19/2024 16:00	10.64	4.78	18.21	20301	340.13	28.32	-0.07
8/19/2024 17:00	11.18	4.84	19.97	21251	354.26	28.01	-0.06
8/19/2024 18:00	11	4.96	19.13	21611	334.16	27.66	-0.06
8/19/2024 19:00	10.8	4.79	20.21	20121	377.08	26.79	-0.07
8/19/2024 20:00	10.96	4.8	24.96	20979	449.36	26.25	-0.07
8/19/2024 21:00	10.86	4.76	18.1	20582	331.61	25.86	-0.07
8/19/2024 22:00	10.15	4.45	20.84	19171	405.78	25.24	-0.08
8/19/2024 23:00	10.8	4.72	24.62	20663	448.71	25.5	-0.07
8/20/2024	10.64	4.71	19.53	20510	358.97	25.76	-0.07
8/20/2024 1:00	10.44	4.65	17.82	19742	340.48	25.86	-0.08
8/20/2024 2:00	9.94	4.35	19.96	18514	406.21	26.11	-0.09
8/20/2024 3:00	9.69	4.29	18.76	17889	395.68	26.29	-0.09
8/20/2024 4:00	9.05	3.94	18.22	16542	414.24	26.19	-0.09
8/20/2024 5:00	9.64	4.19	17.23	18197	356.97	26.04	-0.09
8/20/2024 6:00	9.18	4.16	15.62	17389	339.62	25.31	-0.09
8/20/2024 7:00	8.9	3.9	18.77	16100	439.02	25.09	-0.1
8/20/2024 8:00	9.38	4.03	20.44	16968	451.3	25.5	-0.09
8/20/2024 9:00	12.75	5.37	24.34	27246	336.75	25.54	-0.06
8/20/2024 10:00	11.38	4.75	20.82	21389	366.44	27.03	-0.06
8/20/2024 11:00	10.72	4.58	17.65	19830	337.69	27.67	-0.06
8/20/2024 12:00	10.63	4.47	16.36	19315	320.24	27.51	-0.06
8/20/2024 13:00	10.82	4.63	20.22	19757	393.35	28.5	-0.05
8/20/2024 14:00	10.94	4.58	24.45	20405	449.3	30.77	-0.05
8/20/2024 15:00	12.01	4.91	23.22	23147	379.51	32.08	-0.05
8/20/2024 16:00	11.79	4.89	19.54	22449	328.43	32.44	-0.05
8/20/2024 17:00	11.67	4.83	19.9	22125	338.86	31.15	-0.06
8/20/2024 18:00	10.79	4.69	20.89	20857	377.86	29.24	-0.06

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/20/2024 19:00	11.26	4.69	18.93	21153	337.49	27.99	-0.06
8/20/2024 20:00	11.53	4.9	20.52	22048	350.96	26.84	-0.07
8/20/2024 21:00	11.34	4.81	22.19	21837	383.04	26.03	-0.08
8/20/2024 22:00	10.64	4.63	18.48	19387	357.37	25.32	-0.09
8/20/2024 23:00	8.69	3.94	15.99	15150	391.64	24.43	-0.1
8/21/2024	8.97	4.1	19.61	16747	444.76	24.32	-0.1
8/21/2024 1:00	8.21	3.76	16.04	15185	398.56	24.23	-0.1
8/21/2024 2:00	8.34	3.76	17.19	15251	424.59	24.49	-0.1
8/21/2024 3:00	8.71	3.87	15.09	15958	356.24	24.34	-0.1
8/21/2024 4:00	8.58	3.75	13.39	15585	325.36	23.58	-0.1
8/21/2024 5:00	8.82	3.68	16.39	15684	392.96	23.79	-0.1
8/21/2024 6:00	8.36	3.59	19.38	14866	491.78	23.22	-0.1
8/21/2024 7:00	8.38	3.7	15.56	15321	381.48	22.63	-0.1
8/21/2024 8:00	8.65	3.64	24.64	15722	544.68	23.21	-0.1
8/21/2024 9:00	8.15	3.77	13.24	15140	348.75	24.59	-0.1
8/21/2024 10:00	9.92	4.04	18.27	18470	372.79	26.59	-0.08
8/21/2024 11:00	11.14	4.67	21.44	21498	377.39	28.41	-0.06
8/21/2024 12:00	11.72	4.76	20.61	22554	345.38	29.71	-0.05
8/21/2024 13:00	11.91	4.84	19.65	22678	327.47	31.38	-0.05
8/21/2024 14:00	11.73	4.7	18.45	22184	313.59	33.45	-0.05
8/21/2024 15:00	11.95	4.99	18.32	22693	304.17	34.42	-0.06
8/21/2024 16:00	11.58	4.81	20.39	21820	352.24	34.52	-0.05
8/21/2024 17:00	12.04	5.05	21.65	23020	354.81	33.09	-0.05
8/21/2024 18:00	11.55	4.88	19.47	21549	339.51	30.74	-0.06
8/21/2024 19:00	11.3	4.72	20.18	20846	365.61	29.1	-0.07
8/21/2024 20:00	11.53	4.91	20.7	21940	355.68	28.11	-0.06
8/21/2024 21:00	11.88	4.82	20.81	22277	351.72	27.42	-0.07
8/21/2024 22:00	11.36	4.89	18.11	21928	311.29	26.84	-0.07
8/21/2024 23:00	9.77	4.23	17.43	18284	358.07	26.01	-0.09

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/22/2024	8.61	3.74	16.24	15558	393.95	25.72	-0.1
8/22/2024 1:00	7.63	3.43	14.12	13807	385.66	25.38	-0.11
8/22/2024 2:00	7.57	3.29	12.48	14022	335.29	25.01	-0.11
8/22/2024 3:00	7.52	3.31	15.43	14032	415.74	24.5	-0.11
8/22/2024 4:00	6.86	3.05	14	12911	404.51	23.98	-0.11
8/22/2024 5:00	6.81	3.11	14.68	13144	419.44	23.69	-0.11
8/22/2024 6:00	6.9	3.11	14.23	13146	407.88	23.03	-0.12
8/22/2024 7:00	7.01	3.22	13.4	13668	368.89	23.05	-0.11
8/22/2024 8:00	7.81	3.35	12.93	14981	326.79	23.88	-0.11
8/22/2024 9:00	8.26	3.56	15.58	16299	358.22	25.46	-0.1
8/22/2024 10:00	10.64	4.31	16.9	18057	351.53	26.81	-0.08
8/22/2024 11:00	9.87	4.36	19.31	19870	365.87	28.34	-0.09
8/22/2024 12:00	10.07	4.4	21.27	19975	396.66	32.49	-0.1
8/22/2024 13:00	10.58	4.45	24.24	20540	452.27	35.04	-0.09
8/22/2024 14:00	10.9	4.67	16.79	21443	295.24	37.62	-0.08
8/22/2024 15:00	11.21	4.88	20.75	21603	352.45	39.09	-0.09
8/22/2024 16:00	11.38	4.9	20.07	21309	353.77	39.96	-0.09
8/22/2024 17:00	11.85	5.14	19.86	22631	330.83	39.11	-0.08
8/22/2024 18:00	11.72	4.97	19.58	22476	328.27	36.93	-0.09
8/22/2024 19:00	10.92	4.74	16.52	20575	302.57	34.67	-0.1
8/22/2024 20:00	10.27	4.54	22.07	19719	421.34	32.63	-0.1
8/22/2024 21:00	9.81	4.44	18.21	18612	369.31	30.97	-0.11
8/22/2024 22:00	7.95	3.73	13.44	14296	350.69	29.29	-0.12
8/22/2024 23:00	8.33	3.65	13.99	15125	349.47	28.6	-0.12
8/23/2024	8.34	3.84	19.35	16087	453.41	27.75	-0.12
8/23/2024 1:00	8.35	3.71	11.89	15622	286.8	27.04	-0.12
8/23/2024 2:00	7.93	3.63	19.04	15221	471.74	26.4	-0.12
8/23/2024 3:00	7.77	3.6	15.94	14991	399.24	25.81	-0.12
8/23/2024 4:00	7.32	3.29	14.31	13346	396.89	25.13	-0.12

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/23/2024 5:00	7.93	3.49	12.75	15158	317.08	24.87	-0.12
8/23/2024 6:00	7.66	3.68	16.27	15200	403.3	24.52	-0.12
8/23/2024 7:00	7.83	3.58	13.25	15226	328.13	24.16	-0.11
8/23/2024 8:00	7.85	3.66	13.48	15751	322.48	24.64	-0.12
8/23/2024 9:00	7.78	3.52	16.16	15092	398.24	25.94	-0.11
8/23/2024 10:00	9.06	4.05	20.9	18577	423.06	27.94	-0.1
8/23/2024 11:00	9.8	4.43	20.08	20157	375.96	30.41	-0.09
8/23/2024 12:00	10.36	4.61	24.37	20878	440.22	33.18	-0.09
8/23/2024 13:00	10.76	4.65	20.2	21439	354.53	35.7	-0.08
8/23/2024 14:00	11.24	4.93	19.98	22197	338.87	38.23	-0.08
8/23/2024 15:00	11.77	5.04	26.75	22919	439.77	40.4	-0.09
8/23/2024 16:00	11.02	4.72	19.61	21145	347.41	40.93	-0.09
8/23/2024 17:00	11.88	5.12	19.48	22737	322.94	39.7	-0.09
8/23/2024 18:00	11.04	4.94	17.44	21351	309.3	37.28	-0.1
8/23/2024 19:00	11.33	4.87	18.7	21994	320.74	35.52	-0.1
8/23/2024 20:00	11.02	4.83	20.99	21267	371.34	33.67	-0.1
8/23/2024 21:00	10.03	4.44	16.29	18770	329.21	31.92	-0.1
8/23/2024 22:00	9.65	4.28	19.72	18289	406.94	30.72	-0.11
8/23/2024 23:00	9.1	4.15	15.75	17533	338.62	29.45	-0.11
8/24/2024	9.15	4.09	19.97	17855	421.32	28.5	-0.11
8/24/2024 1:00	8.85	3.99	16.82	17251	368.55	27.79	-0.11
8/24/2024 2:00	7.88	3.7	13.71	15298	339.35	26.78	-0.11
8/24/2024 3:00	7.95	3.74	17.2	15353	422.6	26.29	-0.12
8/24/2024 4:00	7.62	3.6	19.18	15153	474.34	26.05	-0.11
8/24/2024 5:00	8.18	3.74	19.9	16233	461.73	25.91	-0.11
8/24/2024 6:00	7.8	3.64	12.86	15405	313.89	25.63	-0.12
8/24/2024 7:00	7.45	3.38	12.06	14551	312.32	25.49	-0.11
8/24/2024 8:00	7.93	3.54	17.1	14989	431.81	26.18	-0.11
8/24/2024 9:00	8.42	3.84	14.88	16640	337.91	27.88	-0.11

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/24/2024 10:00	9.43	4.21	17.53	18143	363.32	29.67	-0.1
8/24/2024 11:00	10.5	4.46	19.8	20176	371.68	31.77	-0.09
8/24/2024 12:00	11.51	4.98	18.93	22232	320.49	34.33	-0.09
8/24/2024 13:00	12.04	5.3	21.87	23563	349.95	37.23	-0.07
8/24/2024 14:00	12.38	5.38	20.11	24318	311.97	39.99	-0.07
8/24/2024 15:00	12.52	5.41	21.31	24418	329.05	41.69	-0.08
8/24/2024 16:00	12.03	5.21	19.36	22677	321.85	42.12	-0.08
8/24/2024 17:00	13.32	5.79	20.41	25399	303.08	41.04	-0.07
8/24/2024 18:00	13.02	5.54	19.2	24245	299.27	38.4	-0.08
8/24/2024 19:00	13.13	5.48	19.68	23481	315.77	36.65	-0.08
8/24/2024 20:00	12.75	5.41	19.2	23106	313.24	35.18	-0.08
8/24/2024 21:00	11.98	5.11	20.16	21345	355.91	33.56	-0.09
8/24/2024 22:00	11.52	4.88	16.89	20681	307.58	32.39	-0.1
8/24/2024 23:00	11.31	4.83	18.72	19849	355.63	31.1	-0.1
8/25/2024	10.23	4.48	17.21	18109	357.98	30.15	-0.1
8/25/2024 1:00	9.89	4.3	16.59	17222	363.75	29.54	-0.1
8/25/2024 2:00	9.18	4.1	15.28	15881	361.54	28.86	-0.11
8/25/2024 3:00	9.42	3.86	13.83	15718	332.38	28.59	-0.11
8/25/2024 4:00	9.31	4.04	14.69	16043	346.23	28.28	-0.1
8/25/2024 5:00	9.64	4.13	16.6	17417	359.64	28.12	-0.1
8/25/2024 6:00	9.42	4.19	17.41	17344	376.88	27.98	-0.1
8/25/2024 7:00	9.15	4.13	16.25	16701	366.71	28.03	-0.1
8/25/2024 8:00	8.82	3.8	13.59	15895	325.88	28.53	-0.1
8/25/2024 9:00	9.72	4.12	18.01	17876	380.23	29.87	-0.09
8/25/2024 10:00	10.53	4.59	17.26	20059	324.24	31.81	-0.08
8/25/2024 11:00	11.35	5.02	19.18	21497	336.34	34.27	-0.07
8/25/2024 12:00	12.23	5.27	20.11	22926	330.56	36.7	-0.07
8/25/2024 13:00	11.95	5.08	18.75	21419	330.66	39.13	-0.07
8/25/2024 14:00	12.66	5.38	19.45	23125	317.27	41.05	-0.06

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/25/2024 15:00	12.81	5.47	20.33	22364	342.26	41.17	-0.07
8/25/2024 16:00	12.24	5.16	17.93	20478	329.09	40.24	-0.07
8/25/2024 17:00	13.09	5.53	19.48	22561	325.33	41.05	-0.06
8/25/2024 18:00	12.16	5.2	17.67	20408	325.11	40.1	-0.08
8/25/2024 19:00	12.05	5.11	20.64	20741	374.94	38.65	-0.08
8/25/2024 20:00	11.89	5.02	16.78	20486	308.97	37.07	-0.08
8/25/2024 21:00	11.64	5.13	17.02	20122	318.93	35.38	-0.09
8/25/2024 22:00	11.12	4.93	17.1	18712	343.78	33.98	-0.09
8/25/2024 23:00	11.68	4.85	17.42	18988	346.04	33.19	-0.09
8/26/2024	11.45	4.92	18.88	19013	373.73	32.56	-0.09
8/26/2024 1:00	10.96	4.68	17.49	17789	370.04	32.05	-0.09
8/26/2024 2:00	9.94	4.33	16.12	16330	372.36	31.52	-0.1
8/26/2024 3:00	9.56	4.05	14.64	15550	355.17	30.95	-0.1
8/26/2024 4:00	10.01	4.43	18.88	17009	418.84	30.77	-0.1
8/26/2024 5:00	10.21	4.47	15.74	16906	350.55	30.55	-0.1
8/26/2024 6:00	9.58	4.16	14.4	16328	333.58	30.49	-0.09
8/26/2024 7:00	8.72	3.89	15.16	15074	376.42	30.15	-0.09
8/26/2024 8:00	9.77	4.23	13.76	16090	322.37	30.57	-0.09
8/26/2024 9:00	9.24	3.95	16.6	15622	399.45	31.28	-0.09
8/26/2024 10:00	11.18	4.64	18.46	18680	374.09	33.2	-0.07
8/26/2024 11:00	12.13	5.15	20.29	21581	357.3	36.29	-0.06
8/26/2024 12:00	12.98	5.09	17.65	21367	314.64	38.9	-0.06
8/26/2024 13:00	14.31	5.92	18.71	23890	294.79	41.5	-0.05
8/26/2024 14:00	14.65	6.11	18.49	23914	291.31	43.86	-0.05
8/26/2024 15:00	13.8	6.02	17.8	22376	302.47	45.55	-0.07
8/26/2024 16:00	14.99	6.3	19.32	24963	291.99	46.43	-0.06
8/26/2024 17:00	14.87	6.29	18.45	23745	292.6	45.32	-0.06
8/26/2024 18:00	12.62	6.32	16.17	20570	299.43	43.11	-0.07
8/26/2024 19:00	11.92	6.17	16.41	20178	307.14	41.23	-0.07

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/26/2024 20:00	10.88	6.41	16.67	20460	306.89	39.55	-0.07
8/26/2024 21:00	10.84	6.25	15.97	19593	307.43	38.08	-0.08
8/26/2024 22:00	9.14	6.32	15.89	18850	317.57	36.71	-0.08
8/26/2024 23:00	6.89	5.85	17.57	16218	405.23	35.23	-0.09
8/27/2024	6.6	5.77	16.47	15721	394.51	34.37	-0.09
8/27/2024 1:00	5	5.56	13.57	15050	340.29	33.57	-0.09
8/27/2024 2:00	5.07	5.82	14.09	14729	360.67	32.8	-0.1
8/27/2024 3:00	4.49	5.99	13.17	14603	339.65	32.34	-0.1
8/27/2024 4:00	4.15	5.29	13.72	13287	386.79	31.86	-0.1
8/27/2024 5:00	3.21	5.27	12.27	13796	334.88	31.93	-0.1
8/27/2024 6:00	4.75	5.85	14.77	13447	412.66	31.98	-0.1
8/27/2024 7:00	3.55	5.7	15.57	14204	411.98	32.38	-0.1
8/27/2024 8:00	3.98	5.67	15.59	14643	401.34	32.91	-0.09
8/27/2024 9:00	4.52	5.88	11.84	14484	308.12	32.2	-0.1
8/27/2024 10:00	3.94	5.74	13.2	14127	352.35	30.42	-0.1
8/27/2024 11:00	3.53	5.22	11.23	12898	330.48	30.69	-0.1
8/27/2024 12:00	4.28	5.52	11.42	14435	298.39	33.16	-0.09
8/27/2024 13:00	4.93	6.57	14.87	16128	348.1	36.83	-0.08
8/27/2024 14:00	5.71	6.33	14.84	17646	316.71	41.03	-0.07
8/27/2024 15:00	6.6	6.95	14.53	18378	298.06	43.73	-0.07
8/27/2024 16:00	5.99	6.99	14.33	17884	302.04	44.85	-0.06
8/27/2024 17:00	5.38	7.79	14.8	18926	294.82	44.43	-0.06
8/27/2024 18:00	4.31	7.43	13.48	16587	307.26	40.34	-0.06
8/27/2024 19:00	2.43	7.01	11.69	14134	311.65	34.96	-0.08
8/27/2024 20:00	3.04	6.56	10.84	12771	319.44	32	-0.09
8/27/2024 21:00	3.03	5.87	11.34	12664	337.33	31.42	-0.1
8/27/2024 22:00	4.05	5.98	12.31	13669	339.53	31.34	-0.09
8/27/2024 23:00	4.01	5.27	11.82	13099	340.77	30.9	-0.1
8/28/2024	3.69	5.88	12.6	13500	352.21	30.75	-0.09

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/28/2024 1:00	3.69	5.67	13.42	13246	382.81	30.52	-0.1
8/28/2024 2:00	3.57	5.79	13.48	12928	392.76	30.44	-0.1
8/28/2024 3:00	3.63	5.29	12.2	13231	347.95	30.52	-0.1
8/28/2024 4:00	3.68	5.42	13.37	12396	404.35	29.74	-0.1
8/28/2024 5:00	3.32	5.04	10.15	13150	291.16	29.15	-0.1
8/28/2024 6:00	3.18	5.44	11.67	12521	351.2	29.12	-0.1
8/28/2024 7:00	3.52	5.34	13.16	13181	376.54	29.61	-0.09
8/28/2024 8:00	3.63	5.86	12	13546	356.64	30.27	-0.09
8/28/2024 9:00					370.38	31.84	-0.07
8/28/2024 10:00					341.91	33.05	-0.06
8/28/2024 11:00					327.09	34.66	-0.03
8/28/2024 12:00					302.81	35.34	-0.05
8/28/2024 13:00					335.09	34.06	-0.06
8/28/2024 14:00					314.65	34.17	-0.06
8/28/2024 15:00					350.52	33.29	-0.06
8/28/2024 16:00					332.49	33.04	-0.07
8/28/2024 17:00					310.25	33.58	-0.06
8/28/2024 18:00					319.54	32.71	-0.06
8/28/2024 19:00					376.4	31.88	-0.06
8/28/2024 20:00					357.99	30.84	-0.06
8/28/2024 21:00					344.74	29.97	-0.06
8/28/2024 22:00					354.48	29.34	-0.07
8/28/2024 23:00					387.25	28.69	-0.07
8/29/2024					419.66	28.63	-0.07
8/29/2024 1:00					329.2	28.72	-0.07
8/29/2024 2:00					346.05	28.66	-0.07
8/29/2024 3:00					359.15	28.88	-0.08
8/29/2024 4:00					319.3	29.39	-0.09
8/29/2024 5:00					344.11	29.87	-0.08

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/29/2024 6:00					368.17	29.76	-0.09
8/29/2024 7:00					412.69	29.65	-0.09
8/29/2024 8:00					482.73	29.84	-0.09
8/29/2024 9:00					383.04	30.74	-0.09
8/29/2024 10:00					384.8	31.49	-0.1
8/29/2024 11:00					428.63	32.21	-0.1
8/29/2024 12:00					350.5	33.55	-0.09
8/29/2024 13:00					421.06	34.43	-0.09
8/29/2024 14:00					342.31	34.98	-0.1
8/29/2024 15:00					320.58	37.51	-0.08
8/29/2024 16:00					339.82	40.63	-0.07
8/29/2024 17:00					311.84	40.11	-0.07
8/29/2024 18:00					323.73	38.55	-0.07
8/29/2024 19:00					324.86	37.4	-0.07
8/29/2024 20:00					350.59	35.84	-0.08
8/29/2024 21:00					389.76	34.73	-0.08
8/29/2024 22:00					349.22	33.95	-0.09
8/29/2024 23:00					352.26	32.04	-0.1
8/30/2024					405.83	31.12	-0.1
8/30/2024 1:00					318.89	30.19	-0.1
8/30/2024 2:00					386.91	29.49	-0.1
8/30/2024 3:00					396.92	28.79	-0.11
8/30/2024 4:00					376.61	27.7	-0.11
8/30/2024 5:00					447.46	27.38	-0.1
8/30/2024 6:00					442.58	27.32	-0.1
8/30/2024 7:00					385.39	26.9	-0.11
8/30/2024 8:00					313.97	27.51	-0.11
8/30/2024 9:00					366.22	28.64	-0.1
8/30/2024 10:00					353.56	30.29	-0.1

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/30/2024 11:00					382.48	32.39	-0.09
8/30/2024 12:00					306.30	35.12	-0.08
8/30/2024 13:00					304.23	37.78	-0.07
8/30/2024 14:00					319.20	40.69	-0.07
8/30/2024 15:00					331.16	42.71	-0.08
8/30/2024 16:00					321.16	42.12	-0.08
8/30/2024 17:00					307.89	41.02	-0.08
8/30/2024 18:00					302.88	39.86	-0.08
8/30/2024 19:00					315.55	38.27	-0.06
8/30/2024 20:00					315.82	35.81	-0.09
8/30/2024 21:00					365.23	33.4	-0.09
8/30/2024 22:00					370.27	33.08	-0.08
8/30/2024 23:00					350.04	32.9	-0.07
8/31/2024					313.10	32.93	-0.08
8/31/2024 1:00					348.30	32.93	-0.08
8/31/2024 2:00					352.80	32.69	-0.08
8/31/2024 3:00					323.40	32.77	-0.07
8/31/2024 4:00					332.07	32.34	-0.08
8/31/2024 5:00					352.43	32.06	-0.09
8/31/2024 6:00					353.19	31.7	-0.08
8/31/2024 7:00					362.58	30.79	-0.08
8/31/2024 8:00					343.65	30.98	-0.08
8/31/2024 9:00					362.94	31.41	-0.07
8/31/2024 10:00					348.03	32.15	-0.07
8/31/2024 11:00	14.14	6.61	18.55	20751	327.49	33.9	-0.06
8/31/2024 12:00	13.82	6.52	17.9	22483	299.98	36.25	-0.07
8/31/2024 13:00	13.61	6.21	20.08	23537	321.8	38.91	-0.06
8/31/2024 14:00	13.52	5.82	19.57	24271	303.89	41.63	-0.06
8/31/2024 15:00	13.91	5.59	20.16	25571	297.29	43.73	-0.06

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
8/31/2024 16:00	13.2	5.1	19.46	23960	308.85	44.27	-0.06
8/31/2024 17:00	14.22	5.38	21.07	26485	299.86	42.15	-0.05
8/31/2024 18:00	14.42	5.31	21.25	26642	300.7	39.68	-0.06
8/31/2024 19:00	13.13	4.7	19.55	23905	309.39	37.9	-0.06
8/31/2024 20:00	13.01	4.67	19.52	24152	304.63	36.86	-0.07
8/31/2024 21:00	12.54	4.52	19.25	23277	312.03	35.03	-0.08
8/31/2024 22:00	11.31	4.16	17.82	21095	319.14	32.98	-0.09
8/31/2024 23:00	10.24	3.8	20.03	18906	399.95	31.77	-0.1
9/1/2024	8.9	3.3	15.81	16109	368.95	30.57	-0.11
9/1/2024 1:00	9.8	3.59	16.33	18616	330.26	30.26	-0.09
9/1/2024 2:00	9.74	3.56	19.01	18579	385.71	29.5	-0.1
9/1/2024 3:00	9.15	3.41	15.45	17670	329.63	28.67	-0.1
9/1/2024 4:00	8.22	3.1	14.51	15729	349.44	27.87	-0.11
9/1/2024 5:00	8.61	3.27	13.8	16958	306.86	27.71	-0.11
9/1/2024 6:00	8.57	3.22	16.9	17001	374.85	27.48	-0.11
9/1/2024 7:00	8.33	3.22	15.8	16667	357.25	27.37	-0.11
9/1/2024 8:00	7.24	2.76	12.7	13670	353	27.59	-0.11
9/1/2024 9:00	7.25	2.71	11.68	14171	309.84	29.22	-0.09
9/1/2024 10:00	8.1	2.96	14.81	16412	337.67	30.7	-0.07
9/1/2024 11:00	8.88	3.35	18.79	19189	368.8	31.81	-0.06
9/1/2024 12:00	9.2	3.36	23.62	19193	462.08	32.5	-0.06
9/1/2024 13:00	8.15	2.98	14.87	16187	344.66	33.38	-0.06
9/1/2024 14:00	7.47	2.71	12.53	14744	320.2	34.74	-0.07
9/1/2024 15:00	7.58	2.74	14.65	15183	363.58	35.88	-0.07
9/1/2024 16:00	7.04	2.54	15.65	13425	429.5	35.68	-0.08
9/1/2024 17:00	8.2	2.91	13.55	16580	308.41	34.15	-0.08
9/1/2024 18:00	8.31	2.91	18.09	16222	420.49	32.49	-0.08
9/1/2024 19:00	7.84	2.75	15.04	15194	373.26	31.16	-0.08
9/1/2024 20:00	7.45	2.61	12.75	14268	339.33	29.7	-0.08

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/1/2024 21:00	6.86	2.45	13.09	13219	373.57	28.65	-0.09
9/1/2024 22:00	6.69	2.39	13.76	12964	400.56	28.28	-0.1
9/1/2024 23:00	5.95	2.12	9.61	11316	319.35	27.68	-0.11
9/2/2024	5.66	2.06	12.29	10940	423.59	26.89	-0.1
9/2/2024 1:00	5.67	2.14	10.84	11403	359.31	26.06	-0.1
9/2/2024 2:00	5.75	2.14	9.92	11552	323.88	25.35	-0.11
9/2/2024 3:00	5.68	2.02	11.59	11343	385.24	24.62	-0.11
9/2/2024 4:00	4.82	1.81	9.24	8925	379.72	23.97	-0.12
9/2/2024 5:00	5.17	1.89	11.83	10389	429.7	23.52	-0.12
9/2/2024 6:00	5.08	1.95	8.08	10410	292.57	23.08	-0.12
9/2/2024 7:00	4.99	2.01	10.15	10698	358.24	22.77	-0.12
9/2/2024 8:00	5.25	2.06	8.34	11169	281.34	23.17	-0.11
9/2/2024 9:00	5.37	2.04	9.54	11194	321.29	24.39	-0.1
9/2/2024 10:00	5.43	2.01	11.03	11002	377.94	25.81	-0.09
9/2/2024 11:00	5.27	1.95	8.1	10368	294.59	26.91	-0.09
9/2/2024 12:00	5.16	1.79	8.5	10043	318.94	27.88	-0.09
9/2/2024 13:00	5.3	1.85	7.89	10079	295.23	29.18	-0.09
9/2/2024 14:00	5.12	1.78	8.23	9801	316.82	31.42	-0.1
9/2/2024 15:00	5.4	1.87	9.1	10408	329.8	32.95	-0.1
9/2/2024 16:00	5.38	1.9	8.26	10213	305.22	33.44	-0.1
9/2/2024 17:00	5.48	1.81	10.83	10575	386.23	31.33	-0.1
9/2/2024 18:00	5.46	1.9	8.65	10312	316.55	29.3	-0.11
9/2/2024 19:00	5.33	1.8	8.76	10240	323.04	28.12	-0.11
9/2/2024 20:00	5.27	1.86	9.51	10094	355.25	27.41	-0.12
9/2/2024 21:00	5.21	1.79	10.74	10071	402.31	26.88	-0.12
9/2/2024 22:00	5.06	1.79	7.86	9680	306.09	26.05	-0.13
9/2/2024 23:00	5.33	1.96	9.73	10500	349.51	24.91	-0.13
9/3/2024	5.04	1.84	9.71	10059	362.99	23.89	-0.13
9/3/2024 1:00	4.99	1.85	9.22	10034	346.91	23.27	-0.13

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/3/2024 2:00	5.11	1.86	8.86	10545	316.56	22.95	-0.13
9/3/2024 3:00	5.35	1.91	9.83	10812	342.61	22.56	-0.12
9/3/2024 4:00	5.45	1.98	10.53	10989	361.33	22.25	-0.12
9/3/2024 5:00	5.32	1.96	9.66	10802	337.29	22.14	-0.13
9/3/2024 6:00	5.12	1.88	10.17	10408	368.51	21.54	-0.13
9/3/2024 7:00	4.51	1.74	7.6	9063	316.14	21.1	-0.13
9/3/2024 8:00	5.46	1.97	9.98	11185	334.97	21.95	-0.12
9/3/2024 9:00	5.58	2.13	9.93	11666	320.96	23.19	-0.12
9/3/2024 10:00	5.33	2	8.52	10980	292.27	24.8	-0.12
9/3/2024 11:00	5.34	1.93	10.2	10772	357.08	26.82	-0.12
9/3/2024 12:00	5.41	1.87	8.57	10853	298.01	29.27	-0.12
9/3/2024 13:00	5.61	1.94	8.3	11073	282.43	32.18	-0.11
9/3/2024 14:00	5.6	1.94	9.36	10788	327.53	35.54	-0.11
9/3/2024 15:00	5.58	1.89	9.23	10514	330.51	38.17	-0.12
9/3/2024 16:00	5.25	1.76	7.91	9664	308.21	38.89	-0.12
9/3/2024 17:00	5.69	1.91	8.24	10671	291.27	37.29	-0.12
9/3/2024 18:00	5.68	1.95	8.01	10997	274.63	35.06	-0.12
9/3/2024 19:00	5.22	1.85	8.22	10330	300.35	33.3	-0.12
9/3/2024 20:00	5.18	1.81	8.8	10094	328.74	31.71	-0.12
9/3/2024 21:00	5.26	1.91	8.59	9816	330.26	30.06	-0.13
9/3/2024 22:00	4.94	1.86	7.7	9410	308.35	28.1	-0.14
9/3/2024 23:00	5.01	1.85	8.55	9560	336.53	26.75	-0.13
9/4/2024	5.09	1.85	9.74	9951	369.14	25.94	-0.14
9/4/2024 1:00	4.99	1.88	8.44	9820	324.1	25.23	-0.14
9/4/2024 2:00	5.04	1.89	9.01	9942	342.13	24.66	-0.14
9/4/2024 3:00	5.06	1.97	7.93	10181	293.56	24.26	-0.13
9/4/2024 4:00	4.8	1.75	8.09	9096	334.88	23.81	-0.13
9/4/2024 5:00	5.18	1.87	9.69	10022	364.31	23.45	-0.13
9/4/2024 6:00	5	1.91	8.58	10157	318.22	23.13	-0.13

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/4/2024 7:00	5.15	1.9	9.22	10369	335.25	22.94	-0.13
9/4/2024 8:00	5.09	1.97	9.34	10821	323.69	23.45	-0.12
9/4/2024 9:00	5.45	2.1	8.77	10744	318.97	25.05	-0.12
9/4/2024 10:00	5.63	2.01	9.27	10614	330.27	27.08	-0.12
9/4/2024 11:00	5.31	1.89	8.18	9878	311.87	29.32	-0.12
9/4/2024 12:00	5.57	1.89	7.45	10189	275.71	31.91	-0.12
9/4/2024 13:00	5.79	2.03	9.01	10911	310.87	34.4	-0.11
9/4/2024 14:00	6.04	2.14	8.51	11300	283.96	37.13	-0.12
9/4/2024 15:00	6.18	2.12	8.88	11248	297.32	39.39	-0.12
9/4/2024 16:00	5.51	1.96	8.17	9659	317.85	39.74	-0.12
9/4/2024 17:00	6.15	2.12	8.84	11314	294.27	37.77	-0.12
9/4/2024 18:00	6.24	2.22	11.74	11842	373.69	35.62	-0.12
9/4/2024 19:00	5.92	2.14	9.82	11058	334.72	34.07	-0.12
9/4/2024 20:00	5.27	1.94	8.12	9802	312.76	32.13	-0.13
9/4/2024 21:00	5.29	1.89	8.48	9919	322.05	30.33	-0.13
9/4/2024 22:00	5.47	2.02	9.74	10717	341.61	28.86	-0.13
9/4/2024 23:00	5.37	1.89	10.2	9836	387.35	27.57	-0.13
9/5/2024	5.56	2.01	10.64	10793	371.82	26.64	-0.13
9/5/2024 1:00	5.6	1.97	10.35	10726	364.1	25.99	-0.13
9/5/2024 2:00	5.73	2.04	12.11	11208	406.49	25.48	-0.13
9/5/2024 3:00	6.09	2.23	12.05	12098	376.98	25.17	-0.12
9/5/2024 4:00	6.02	2.24	11.38	11614	368	24.85	-0.12
9/5/2024 5:00	6.32	2.28	17.23	12202	533.07	24.69	-0.12
9/5/2024 6:00	6.19	2.25	13.58	12146	421.18	24.52	-0.12
9/5/2024 7:00	6.26	2.29	13.22	12342	404.32	24.43	-0.12
9/5/2024 8:00	6.94	2.51	14.66	14078	392.44	24.92	-0.11
9/5/2024 9:00	8.03	2.91	17.35	16485	397.39	26.25	-0.1
9/5/2024 10:00	8.89	3.1	17.77	17846	375.05	28.22	-0.1
9/5/2024 11:00	9.72	3.35	18.03	19533	348.29	30.51	-0.08

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/5/2024 12:00	11.48	3.8	19.85	22760	329.01	33.38	-0.08
9/5/2024 13:00	12.38	4.04	18.82	23799	298.43	36.32	-0.07
9/5/2024 14:00	12.39	4.04	18.41	22481	310.79	39.09	-0.07
9/5/2024 15:00	13.79	4.33	20.09	25181	300.79	40.72	-0.07
9/5/2024 16:00	13.71	4.28	19.73	24507	303.95	40.68	-0.07
9/5/2024 17:00	14.28	4.39	20.43	25126	306.54	38.74	-0.07
9/5/2024 18:00	14.38	4.41	20.23	25114	303.63	36.76	-0.07
9/5/2024 19:00	13.24	4.2	19.4	23794	307.82	34.98	-0.08
9/5/2024 20:00	13.3	4.22	19.47	24092	304.7	33.56	-0.08
9/5/2024 21:00	12.52	4	18.7	22447	314.36	32.05	-0.08
9/5/2024 22:00	11.39	3.66	17.81	20218	333.6	31.07	-0.09
9/5/2024 23:00	10.83	3.51	16.58	19361	322.86	30.47	-0.09
9/6/2024	10.7	3.44	16.86	19074	333.3	30.1	-0.09
9/6/2024 1:00	10.55	3.35	16.73	18935	333.28	29.77	-0.09
9/6/2024 2:00	10.39	3.35	19.07	18593	386.63	29.88	-0.09
9/6/2024 3:00	10.5	3.35	16.47	18890	328.87	28.77	-0.07
9/6/2024 4:00	8.7	2.85	14.25	15326	355.22	28	-0.09
9/6/2024 5:00	11.99	3.68	17.52	20174	328.12	27.76	-0.07
9/6/2024 6:00	9.64	3.06	15.59	16192	365.09	27.41	-0.09
9/6/2024 7:00	9.36	3	19.14	16475	436.07	27.45	-0.09
9/6/2024 8:00	9.09	2.96	17.69	16470	395.76	27.72	-0.1
9/6/2024 9:00	8.88	3.04	20.07	16484	457.12	28.26	-0.09
9/6/2024 10:00	8.64	2.85	15.08	15969	356.88	28.98	-0.09
9/6/2024 11:00	9.06	2.95	19.01	17029	419.66	29.96	-0.08
9/6/2024 12:00	9.54	3.04	19.95	18129	415.33	30.7	-0.08
9/6/2024 13:00	10.33	3.32	17.47	19799	333.18	30.78	-0.07
9/6/2024 14:00	10.51	3.38	19.71	20223	367.98	31.09	-0.07
9/6/2024 15:00	10.78	3.56	20.26	20977	363.97	31.43	-0.07
9/6/2024 16:00	10.23	3.29	17.51	19334	343.94	30.36	-0.07

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/6/2024 17:00	10.78	3.47	17.89	20783	324.59	30.56	-0.07
9/6/2024 18:00	10.26	3.29	19.74	19891	374.51	29.49	-0.07
9/6/2024 19:00	10.63	3.38	18	20744	327.55	28.45	-0.07
9/6/2024 20:00	10.39	3.34	21.73	20418	400.72	27.27	-0.07
9/6/2024 21:00	9.22	3.03	21.04	18158	438.1	25.88	-0.08
9/6/2024 22:00	8.6	2.91	21.12	17043	465.12	24.89	-0.08
9/6/2024 23:00	8.39	2.83	19.33	16688	436.34	23.88	-0.09
9/7/2024	8.42	2.81	18.21	17085	402.06	23.32	-0.09
9/7/2024 1:00	7.67	2.77	17.36	15895	411.18	22.65	-0.1
9/7/2024 2:00	7.52	2.67	18.39	15386	450.22	22.34	-0.1
9/7/2024 3:00	7.2	2.65	15.7	15572	379.99	22.12	-0.1
9/7/2024 4:00	7.51	3.14	25.18	25820	384.3	21.34	-0.09
9/7/2024 5:00	7.38	2.6	15.47	15031	387.92	21.57	-0.1
9/7/2024 6:00	6.82	2.45	14.8	14238	391.91	21.28	-0.1
9/7/2024 7:00	6.95	2.55	13.42	14781	341.54	21.24	-0.1
9/7/2024 8:00	7.46	2.76	18.09	16275	418.26	21.56	-0.1
9/7/2024 9:00	7.68	2.94	18.84	16889	420.54	22.25	-0.09
9/7/2024 10:00	8.01	2.91	20.32	17305	442.82	23.34	-0.06
9/7/2024 11:00	8.06	2.99	19.45	17700	414.27	24.4	-0.04
9/7/2024 12:00	7.74	2.81	13.61	16579	310.42	25.19	-0.05
9/7/2024 13:00	8.03	2.92	18.59	17225	406.18	25.77	-0.05
9/7/2024 14:00	8.38	3.08	21.59	18103	449.25	26.11	-0.04
9/7/2024 15:00	8.27	3.01	18.23	17911	383.75	26.23	-0.04
9/7/2024 16:00	8.18	2.97	18.88	17867	398.89	26.79	-0.05
9/7/2024 17:00	8.01	2.91	19.66	17493	423.92	26.6	-0.06
9/7/2024 18:00	8.34	3.05	19.32	18247	399.05	25.38	-0.06
9/7/2024 19:00	7.93	2.78	16.02	16716	361.62	24.07	-0.07
9/7/2024 20:00	7.7	2.75	19.29	16050	454.28	23.78	-0.07
9/7/2024 21:00	7.17	2.63	16.04	15003	402.28	22.83	-0.08

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/7/2024 22:00	6.99	2.58	11.67	14700	299.38	21.92	-0.08
9/7/2024 23:00	6.56	2.44	12.95	14232	342.66	21.38	-0.07
9/8/2024	6.5	2.43	19.38	13976	522.57	20.94	-0.08
9/8/2024 1:00	6.33	2.34	12.91	13428	362.27	20.51	-0.08
9/8/2024 2:00	5.71	2.19	11.88	12030	370.97	20.01	-0.09
9/8/2024 3:00	5.04	1.93	10.59	10460	379.2	19.38	-0.09
9/8/2024 4:00	5.32	2.02	9.41	11042	322.06	18.76	-0.09
9/8/2024 5:00	5.39	2.04	8.78	11293	293.06	18.27	-0.09
9/8/2024 6:00	5.44	2.1	12.37	11710	398.02	17.86	-0.09
9/8/2024 7:00	5.39	2.09	11.43	11598	371.39	17.65	-0.09
9/8/2024 8:00	5.48	2.15	11.18	11729	360.32	17.88	-0.09
9/8/2024 9:00	5.74	2.18	10.9	12432	329.83	18.96	-0.08
9/8/2024 10:00	6.17	2.28	12.36	13416	346.34	21.07	-0.07
9/8/2024 11:00	7.15	2.59	15.5	15950	365.66	23.71	-0.06
9/8/2024 12:00	8.28	2.94	17.62	18821	353.67	26.74	-0.06
9/8/2024 13:00	8.78	3.19	21.15	19788	402.71	30.1	-0.05
9/8/2024 14:00	9.32	3.27	17.48	20490	322.04	33.48	-0.06
9/8/2024 15:00	8.86	2.98	18.4	18554	370.68	35.57	-0.06
9/8/2024 16:00	10.09	3.42	17.34	21698	301.44	35.97	-0.08
9/8/2024 17:00	10.33	3.48	18.34	21643	319.58	34.41	-0.09
9/8/2024 18:00	10.23	3.38	19.47	21121	348.57	32.48	-0.09
9/8/2024 19:00	9.72	3.27	19.41	19836	369.16	30.6	-0.09
9/8/2024 20:00	9.82	3.21	18.82	19882	356.9	28.88	-0.09
9/8/2024 21:00	9.11	3.08	21.58	18355	444.06	27.44	-0.1
9/8/2024 22:00	8.52	2.89	14.37	17155	318.21	26.4	-0.1
9/8/2024 23:00	8.6	2.89	18.6	17471	401.24	26.15	-0.1
9/9/2024	8.19	2.84	19.71	17025	435.84	26	-0.11
9/9/2024 1:00	7.68	2.65	17.41	15754	417.6	25.62	-0.11
9/9/2024 2:00	7.73	2.75	17.16	16442	394.69	24.57	-0.11

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/9/2024 3:00	7.89	2.83	18.62	16931	414.27	24.45	-0.11
9/9/2024 4:00	7.18	2.57	13.89	14834	353.67	24	-0.12
9/9/2024 5:00	7.28	2.66	12.54	15541	304.12	24	-0.11
9/9/2024 6:00	7.42	2.69	17.35	15654	417.74	23.79	-0.11
9/9/2024 7:00	7.45	2.7	12.2	15997	287.62	23.55	-0.11
9/9/2024 8:00	7.53	2.67	15.52	15987	396.04	23.88	-0.11
9/9/2024 9:00	7.66	2.75	18.19	16484	415.52	24.91	-0.11
9/9/2024 10:00	7.62	2.85	13.76	16392	316.39	26.48	-0.11
9/9/2024 11:00	8.16	2.86	16.68	17169	366.02	28.62	-0.1
9/9/2024 12:00	8.66	3.06	16.69	18743	334.75	31.35	-0.09
9/9/2024 13:00	9.8	3.34	18.29	21565	319.8	34.34	-0.08
9/9/2024 14:00	12.82	4.15	25.99	28951	337.92	36.28	-0.06
9/9/2024 15:00	12.98	4.2	20.72	25492	306.76	38.31	-0.06
9/9/2024 16:00	11.77	3.85	19	22268	324.17	39.23	-0.07
9/9/2024 17:00	11.7	3.81	18.69	22764	309.74	37.04	-0.06
9/9/2024 18:00	10.44	3.47	18.1	19882	345.28	34	-0.06
9/9/2024 19:00	7.92	2.85	17.18	15336	421.25	31.04	-0.03
9/9/2024 20:00	7.38	2.57	15.35	13992	413.56	29.3	-0.03
9/9/2024 21:00	7.15	2.47	14.58	13850	396.74	28.24	-0.04
9/9/2024 22:00	6.69	2.3	14.68	12550	439.17	27.66	-0.04
9/9/2024 23:00	6.95	2.49	19.75	13681	544.29	27.51	-0.05
9/10/2024	6.86	2.35	15.27	13177	436.98	27.4	-0.05
9/10/2024 1:00	6.74	2.36	14.09	13318	398.77	27.21	-0.05
9/10/2024 2:00	6.26	2.21	13.66	11651	441.79	26.81	-0.06
9/10/2024 3:00	5.92	2.12	14.49	11129	490.64	26.3	-0.06
9/10/2024 4:00	5.46	1.97	11.39	10304	417.7	25.83	-0.06
9/10/2024 5:00	6.11	2.12	13.15	12057	411.01	25.39	-0.06
9/10/2024 6:00	5.89	2.05	12.32	11406	410.66	25.2	-0.06
9/10/2024 7:00	5.59	1.91	11.01	10622	391.06	24.61	-0.07

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/10/2024 8:00	5.47	1.97	10.42	10801	362.84	24.5	-0.07
9/10/2024 9:00					457.75	25.4	-0.06
9/10/2024 10:00					425.11	27.01	-0.05
9/10/2024 11:00					408.27	29.12	-0.04
9/10/2024 12:00					437.65	31.56	-0.05
9/10/2024 13:00					424.24	34.47	-0.04
9/10/2024 14:00					386.29	37.21	-0.05
9/10/2024 15:00					426.96	39	-0.05
9/10/2024 16:00					483.42	39.13	-0.05
9/10/2024 17:00					493.28	37.14	-0.05
9/10/2024 18:00					429.89	35.32	-0.05
9/10/2024 19:00					430.03	33.9	-0.05
9/10/2024 20:00					403.04	32.46	-0.05
9/10/2024 21:00					489.68	30.73	-0.06
9/10/2024 22:00					422.21	29.17	-0.06
9/10/2024 23:00					424.74	28.07	-0.07
9/11/2024					430.65	27.21	-0.07
9/11/2024 1:00					439.57	26.55	-0.07
9/11/2024 2:00					399.04	26.13	-0.07
9/11/2024 3:00					457.40	25.92	-0.07
9/11/2024 4:00					472.16	25.58	-0.07
9/11/2024 5:00					453.02	25.35	-0.07
9/11/2024 6:00					390.73	25.05	-0.07
9/11/2024 7:00					364.27	24.92	-0.07
9/11/2024 8:00					367.04	25.11	-0.07
9/11/2024 9:00					409.07	26.2	-0.06
9/11/2024 10:00					445.65	28.27	-0.05
9/11/2024 11:00					383.38	30.57	-0.05
9/11/2024 12:00					407.23	32.97	-0.04

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/11/2024 13:00					465.98	35.85	-0.04
9/11/2024 14:00					449.59	38.92	-0.04
9/11/2024 15:00					433.65	40.92	-0.05
9/11/2024 16:00					384.09	41.02	-0.06
9/11/2024 17:00					425.41	38.88	-0.06
9/11/2024 18:00					406.50	37.31	-0.06
9/11/2024 19:00					527.26	36.02	-0.06
9/11/2024 20:00					431.98	34.51	-0.06
9/11/2024 21:00					544.75	32.68	-0.06
9/11/2024 22:00					488.71	30.95	-0.06
9/11/2024 23:00					438.83	29.85	-0.06
9/12/2024					465.89	29.17	-0.06
9/12/2024 1:00					432.31	28.32	-0.06
9/12/2024 2:00					376.71	27.83	-0.06
9/12/2024 3:00					439.43	27.34	-0.06
9/12/2024 4:00					433.88	26.8	-0.06
9/12/2024 5:00					422.32	26.43	-0.06
9/12/2024 6:00					424.14	26.43	-0.06
9/12/2024 7:00					464.06	26.53	-0.06
9/12/2024 8:00					413.95	26.97	-0.06
9/12/2024 9:00					511.34	27.86	-0.05
9/12/2024 10:00					396.77	29.37	-0.05
9/12/2024 11:00					389.79	31.29	-0.04
9/12/2024 12:00					414.57	34.27	-0.04
9/12/2024 13:00	8.49	3.01	17.37	15982	413.78	37.64	-0.03
9/12/2024 14:00	7.95	2.81	19.05	15330	468.17	40.87	-0.04
9/12/2024 15:00	7.16	2.45	15.15	13366	424.52	42.89	-0.04
9/12/2024 16:00	7.15	2.44	15.46	14034	414.82	42.02	-0.03
9/12/2024 17:00	7.19	2.46	15.03	14260	397.24	39.11	-0.04

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/12/2024 18:00	7.43	2.44	17.21	14972	432.78	37.1	-0.04
9/12/2024 19:00	7.47	2.55	17.83	15616	431.01	35.27	-0.04
9/12/2024 20:00	7.62	2.59	20.33	16265	471.15	34.05	-0.04
9/12/2024 21:00	7.69	2.53	22.62	16193	526.72	33.17	-0.04
9/12/2024 22:00	7.24	2.37	19.28	14464	493.84	32.32	-0.04
9/12/2024 23:00	7.88	2.59	18.69	16346	431.2	31.76	-0.04
9/13/2024	7.27	2.29	16.84	14348	442.75	30.9	-0.05
9/13/2024 1:00	6.66	2.19	15.92	13561	443.18	30.35	-0.05
9/13/2024 2:00	7.47	2.36	17.08	14444	447.03	29.88	-0.05
9/13/2024 3:00	7.1	2.29	16.41	14263	434.17	29.22	-0.05
9/13/2024 4:00	6.2	1.97	13.96	11712	446.55	28.39	-0.06
9/13/2024 5:00	6.24	2	14.33	12116	446.33	27.9	-0.06
9/13/2024 6:00	6	1.92	12.83	11727	411.57	27.64	-0.06
9/13/2024 7:00	5.92	1.93	14.31	11827	455.2	27.41	-0.06
9/13/2024 8:00	6.05	1.94	12.72	12370	387.27	27.52	-0.06
9/13/2024 9:00	6.4	2.09	14.53	13238	410.59	28.52	-0.05
9/13/2024 10:00	7	2.25	15.71	14363	413.12	30.05	-0.04
9/13/2024 11:00	7.69	2.39	20.15	16192	470.46	31.94	-0.04
9/13/2024 12:00	8.37	2.6	19.24	17492	414.73	34.31	-0.03
9/13/2024 13:00	7.92	2.37	17.08	15990	400.45	36.9	-0.03
9/13/2024 14:00	8.61	2.65	18.93	17438	408.54	39.48	-0.02
9/13/2024 15:00	8.65	2.58	21.94	16858	490.46	41.09	-0.03
9/13/2024 16:00	10.86	3.06	20.98	21369	373.61	41.29	-0.06
9/13/2024 17:00	11.68	3.36	23.53	23439	378.38	39.78	-0.08
9/13/2024 18:00	11.36	3.36	20.23	22608	337.82	37.77	-0.08
9/13/2024 19:00	10.49	2.98	20.26	19897	377.61	35.68	-0.09
9/13/2024 20:00	11.65	3.33	20.11	23040	329.07	34.74	-0.08
9/13/2024 21:00	11.49	3.35	20.65	22623	344.56	33.66	-0.08
9/13/2024 22:00	10.93	3.09	20.64	21048	370.17	32.42	-0.09

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/13/2024 23:00	10.47	3.02	18.63	20097	349.32	31.31	-0.09
9/14/2024	10.44	2.95	19.69	20364	364.72	30.49	-0.09
9/14/2024 1:00	10.52	3.1	20.64	20667	376.65	29.62	-0.09
9/14/2024 2:00	10.15	2.94	22.18	19826	421.17	28.84	-0.09
9/14/2024 3:00	9.33	2.72	19.15	17878	405.15	28.2	-0.1
9/14/2024 4:00	7.99	2.31	16.58	14752	412.87	27.37	-0.1
9/14/2024 5:00	9.04	2.65	18.22	17414	395.08	27.36	-0.1
9/14/2024 6:00	8.9	2.65	18.3	17296	398.78	27.07	-0.1
9/14/2024 7:00	8.44	2.53	19.2	16294	445.27	27.04	-0.1
9/14/2024 8:00	8.45	2.44	16.37	16274	378.95	27.46	-0.1
9/14/2024 9:00	8.85	2.57	18.21	17362	398.29	28.47	-0.09
9/14/2024 10:00	9.38	2.77	14.67	18466	302.65	29.7	-0.09
9/14/2024 11:00	10.08	2.76	17.14	19162	337.38	31.39	-0.08
9/14/2024 12:00	11.31	3.18	21.73	22273	369.09	34	-0.07
9/14/2024 13:00	11.63	3.19	19.52	22498	327.14	36.4	-0.07
9/14/2024 14:00	11.81	3.29	21.62	22813	357.24	38.9	-0.07
9/14/2024 15:00	12.09	3.39	21.72	24168	340.67	40.6	-0.07
9/14/2024 16:00	12.06	3.29	18.48	22487	311.17	40.76	-0.07
9/14/2024 17:00	12.53	3.47	20.84	24376	322.39	39.26	-0.08
9/14/2024 18:00	11.73	3.37	18.38	22516	307.63	37.32	-0.08
9/14/2024 19:00	12.32	3.51	19.05	23944	299.96	35.96	-0.08
9/14/2024 20:00	12.06	3.52	20.6	23658	328.9	34.38	-0.08
9/14/2024 21:00	11.14	3.21	19	21221	337.51	33.04	-0.09
9/14/2024 22:00	10.36	2.96	18.21	19530	351.25	32.05	-0.09
9/14/2024 23:00	9.89	2.81	18	18903	358.43	31.18	-0.09
9/15/2024	8.92	2.59	17.77	16491	400.83	29.82	-0.1
9/15/2024 1:00	9.94	2.86	20.34	18956	404.63	29.33	-0.09
9/15/2024 2:00	9.72	2.74	20.08	18788	403.01	28.57	-0.09
9/15/2024 3:00	9.27	2.78	20.95	17852	443.8	27.91	-0.1

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/15/2024 4:00	8.14	2.42	15.67	14960	395.55	27.17	-0.1
9/15/2024 5:00	8.65	2.54	15.49	16064	362.36	26.89	-0.1
9/15/2024 6:00	8.61	2.55	20.31	16539	462.95	26.56	-0.1
9/15/2024 7:00	8.67	2.62	17.41	16540	397.56	26.39	-0.1
9/15/2024 8:00	8.86	2.63	17.07	16876	381.41	26.76	-0.1
9/15/2024 9:00	9.21	2.8	17.44	18270	359.99	28.08	-0.09
9/15/2024 10:00	9.68	2.82	20.43	18457	412.15	29.71	-0.09
9/15/2024 11:00	11.14	3.07	22.03	21699	381.91	31.82	-0.08
9/15/2024 12:00	11.77	3.28	19.2	22644	319.45	34.18	-0.08
9/15/2024 13:00	12.15	3.4	19.33	23525	309.84	36.81	-0.07
9/15/2024 14:00	12.55	3.52	19.05	24167	297.1	39.62	-0.07
9/15/2024 15:00	12.81	3.58	23.25	24863	354.01	41.42	-0.08
9/15/2024 16:00	12.46	3.45	19.27	23393	313.41	41.05	-0.08
9/15/2024 17:00	13.03	3.66	20.96	25081	315.12	39.16	-0.08
9/15/2024 18:00	11.79	3.39	19.38	22319	327.44	37.56	-0.08
9/15/2024 19:00	11.55	3.27	20.21	21786	349.79	36.15	-0.08
9/15/2024 20:00	11.39	3.32	20.84	21919	358.53	34.43	-0.08
9/15/2024 21:00	10.99	3.18	19.96	21343	352.79	32.9	-0.09
9/15/2024 22:00	10.79	3.12	17.97	20699	327.1	31.6	-0.09
9/15/2024 23:00	9.48	2.71	14.91	17306	330.25	30.19	-0.09
9/16/2024	9.63	2.87	17.75	18103	370.5	29.63	-0.09
9/16/2024 1:00	9.65	2.84	19.04	18146	395.52	28.76	-0.1
9/16/2024 2:00	9.5	2.75	15.8	17878	332.94	28.07	-0.1
9/16/2024 3:00	9.13	2.73	15.68	17397	339.92	27.5	-0.1
9/16/2024 4:00	8.54	2.49	14.79	15660	356.19	26.82	-0.11
9/16/2024 5:00	8.89	2.59	19.83	17072	438.11	26.68	-0.1
9/16/2024 6:00	8.97	2.6	18.85	16921	419.93	26.59	-0.1
9/16/2024 7:00	7.99	2.41	14.31	15040	360.78	26.24	-0.11
9/16/2024 8:00	9	2.65	15.82	17310	344.76	26.79	-0.1

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/16/2024 9:00	9.27	2.7	18.46	18039	385.11	27.76	-0.09
9/16/2024 10:00	10.26	2.89	17.22	19448	334.48	29.49	-0.09
9/16/2024 11:00	10.69	3.01	16.93	20132	320.2	31.25	-0.08
9/16/2024 12:00	11.91	3.28	19.6	22337	331.11	33.63	-0.08
9/16/2024 13:00	12.29	3.48	19.91	23331	321.27	35.95	-0.07
9/16/2024 14:00	12.69	3.51	22.57	23555	361.5	38.33	-0.07
9/16/2024 15:00	11.6	3.19	17.42	21040	313.73	39.88	-0.08
9/16/2024 16:00	12.66	3.52	19.9	23573	318.1	40.17	-0.07
9/16/2024 17:00	12.9	3.6	19.85	24380	306.96	38.35	-0.07
9/16/2024 18:00	12.01	3.34	18.34	22391	309.84	36.7	-0.08
9/16/2024 19:00	11.64	3.3	21.8	21737	378.43	35.48	-0.08
9/16/2024 20:00	11.3	3.26	17.9	21232	318.14	33.97	-0.08
9/16/2024 21:00	11.43	3.24	18.43	21442	324.02	32.48	-0.08
9/16/2024 22:00	10.96	3.18	18.04	20305	335.48	31.43	-0.08
9/16/2024 23:00	9.91	2.86	16.84	17891	357.14	30.29	-0.09
9/17/2024	10.08	2.89	16.38	18469	334.65	29.81	-0.09
9/17/2024 1:00	10.03	2.81	19.16	18605	388.18	29.25	-0.09
9/17/2024 2:00	9.69	2.72	18.13	17749	385.64	28.93	-0.09
9/17/2024 3:00	9.89	2.81	16.08	18673	324.05	28.55	-0.09
9/17/2024 4:00	8.94	2.63	18.6	16731	418.02	27.89	-0.1
9/17/2024 5:00	8.42	2.43	14.72	15592	355.81	27.19	-0.1
9/17/2024 6:00	8.67	2.5	18.21	16146	426.41	26.78	-0.1
9/17/2024 7:00	8.04	2.36	15.03	14604	385.72	26.1	-0.1
9/17/2024 8:00	8.8	2.52	21.71	16872	484.99	26.49	-0.1
9/17/2024 9:00	9.1	2.59	14.73	17418	318.71	27.34	-0.09
9/17/2024 10:00	9.8	2.77	15.5	18659	313.43	28.83	-0.08
9/17/2024 11:00	10.63	2.91	18.72	20352	346.94	30.52	-0.08
9/17/2024 12:00	11.14	3.11	20.63	21339	364.45	32.49	-0.07
9/17/2024 13:00	10.43	2.87	15.67	19061	314.45	34.53	-0.08

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/17/2024 14:00	11.19	3.08	18.32	20853	330.14	37.09	-0.08
9/17/2024 15:00	11.86	3.25	20.13	22589	336.28	39.04	-0.08
9/17/2024 16:00	11.97	3.26	17.69	21893	305.67	39.25	-0.08
9/17/2024 17:00	12.56	3.36	18.54	22854	305.79	37.71	-0.08
9/17/2024 18:00	12.14	3.27	20.68	21657	358.97	36.42	-0.08
9/17/2024 19:00	12.07	3.24	19.04	21918	327.26	35.51	-0.07
9/17/2024 20:00	11.82	3.16	18.73	21556	327.5	34.27	-0.08
9/17/2024 21:00	11.5	3.13	17.37	20820	314.75	33.05	-0.08
9/17/2024 22:00	10.65	2.95	17.51	19078	350.54	31.99	-0.08
9/17/2024 23:00	11.27	3.05	17.47	20183	326.61	31.87	-0.08
9/18/2024	11.03	3.07	19.26	19714	368.44	31.38	-0.08
9/18/2024 1:00	10.22	2.83	17.68	18119	368.01	30.78	-0.09
9/18/2024 2:00	10.46	2.94	18.46	18736	371.91	30.11	-0.09
9/18/2024 3:00	9.64	2.72	19.44	16900	430.89	29.27	-0.09
9/18/2024 4:00	8.57	2.43	15.83	14867	400.66	28.45	-0.1
9/18/2024 5:00	8.95	2.54	15.79	16222	367.25	28.15	-0.1
9/18/2024 6:00	8.81	2.54	15.14	16286	352.4	27.7	-0.1
9/18/2024 7:00	8.8	2.44	18.14	15789	431.42	27.54	-0.09
9/18/2024 8:00	9.07	2.49	16.47	16690	411.18	27.9	-0.1
9/18/2024 9:00	9.1	2.93	15.3	17339	366.65	28.74	-0.09
9/18/2024 10:00	9.67	2.79	16.56	18466	337.11	30.35	-0.08
9/18/2024 11:00	11.2	2.99	18.28	20882	329.77	32.55	-0.07
9/18/2024 12:00	11.71	3.11	17.75	21916	305.31	34.87	-0.06
9/18/2024 13:00	11.13	2.92	18.99	19575	363.71	35.97	-0.06
9/18/2024 14:00	12.01	3.13	17.56	21698	305.04	37.13	-0.05
9/18/2024 15:00	12.3	3.28	18.44	22154	313.66	38.74	-0.06
9/18/2024 16:00	12.31	3.12	18.52	21427	326.17	38.28	-0.06
9/18/2024 17:00	12.6	3.37	18.92	22453	317.98	36.31	-0.06
9/18/2024 18:00	12.99	3.43	19.21	23183	312.08	35.59	-0.07

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/18/2024 19:00	11.94	3.21	18.95	20481	348.85	34.28	-0.07
9/18/2024 20:00	11.59	3.16	19.21	20325	356.13	33.11	-0.07
9/18/2024 21:00	11.2	3.02	16.74	19831	318.2	32.19	-0.08
9/18/2024 22:00	11.64	3.22	18.67	21012	335.1	31.51	-0.07
9/18/2024 23:00	11.79	3.25	18.17	21075	324.81	30.93	-0.07
9/19/2024	11.28	3.14	19.52	20246	363.02	30.46	-0.08
9/19/2024 1:00	10.86	3	16.96	19799	323.07	30.03	-0.08
9/19/2024 2:00	10.96	3.06	17.87	20227	333.21	29.66	-0.08
9/19/2024 3:00	9.57	2.7	17.44	17408	379.33	28.74	-0.09
9/19/2024 4:00	10.27	2.96	21.22	19269	414.82	28.86	-0.09
9/19/2024 5:00	10.03	2.86	19.87	18924	395.77	28.65	-0.09
9/19/2024 6:00	9.8	2.76	18.3	18567	371.58	28.29	-0.09
9/19/2024 7:00	9.43	2.78	17.91	17970	377.35	27.95	-0.09
9/19/2024 8:00	9.72	2.9	19.36	18687	390.48	28.21	-0.09
9/19/2024 9:00	9.89	2.9	21.68	19040	429.86	29.21	-0.08
9/19/2024 10:00	10.14	2.95	18.94	19553	364.23	30.7	-0.08
9/19/2024 11:00	10.68	3.1	19.94	20190	371.19	32.58	-0.07
9/19/2024 12:00	11.71	3.32	19.29	22999	316.33	34.43	-0.06
9/19/2024 13:00	12.41	3.41	19.4	23974	304.95	36.37	-0.06
9/19/2024 14:00	11.37	3.22	19.76	21663	347	36.75	-0.06
9/19/2024 15:00	11.4	3.19	20	21784	346.25	37.69	-0.06
9/19/2024 16:00	11.57	3.22	19.92	22107	340.66	37.64	-0.06
9/19/2024 17:00	12.39	3.53	20.87	24055	327.12	36.88	-0.07
9/19/2024 18:00	12.53	3.57	19.38	24066	303.49	36.1	-0.07
9/19/2024 19:00	12.07	3.47	20.35	23246	330.06	34.99	-0.07
9/19/2024 20:00	11.47	3.37	20.66	22202	351.96	33.99	-0.08
9/19/2024 21:00	10.67	3.22	17.92	20533	328.47	32.86	-0.09
9/19/2024 22:00	9.92	3.04	18.4	18840	367.17	31.43	-0.09
9/19/2024 23:00	10.73	3.29	20.86	20842	377.31	30.99	-0.09

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/20/2024	10.56	3.25	19.46	20446	358.64	30.29	-0.09
9/20/2024 1:00	10.26	3.1	19.65	19705	375.76	29.83	-0.09
9/20/2024 2:00	10.05	3.02	17.54	19412	340.49	29.17	-0.09
9/20/2024 3:00	9.67	3.02	23.29	19125	459.74	28.43	-0.09
9/20/2024 4:00	8.96	2.83	17.53	17237	381.39	27.5	-0.1
9/20/2024 5:00	9.64	2.96	17.3	19303	337.98	27.6	-0.09
9/20/2024 6:00	9.37	2.88	18.89	18284	389.59	27.24	-0.09
9/20/2024 7:00	9.34	2.9	21.94	18593	444.04	26.92	-0.1
9/20/2024 8:00	9.26	2.85	20.16	18414	412.54	27.13	-0.1
9/20/2024 9:00	9.31	2.95	14.63	18545	297.54	28.15	-0.09
9/20/2024 10:00	9.76	3.09	19.37	19769	368.4	30.05	-0.08
9/20/2024 11:00	10.43	3.18	19.32	21005	347.22	31.79	-0.08
9/20/2024 12:00	10.96	3.36	20.89	22037	358.41	33.07	-0.08
9/20/2024 13:00	10.71	3.26	19.01	21171	340.57	34.51	-0.08
9/20/2024 14:00	11.59	3.44	21.45	22919	352.87	37.33	-0.08
9/20/2024 15:00	12.01	3.62	19.88	23736	315.88	38.94	-0.08
9/20/2024 16:00	11.01	3.36	17.88	21345	317.46	39.21	-0.08
9/20/2024 17:00	11.21	3.46	18.06	22420	303.69	38.33	-0.08
9/20/2024 18:00	11.12	3.39	20.01	21809	346.61	36.96	-0.08
9/20/2024 19:00	11.4	3.63	18.14	22274	307.12	35.92	-0.08
9/20/2024 20:00	11.06	3.56	20.4	22122	347.6	34.52	-0.08
9/20/2024 21:00	10.6	3.38	20.93	21091	374	33.18	-0.09
9/20/2024 22:00	9.94	3.17	18.87	19391	368.13	31.34	-0.09
9/20/2024 23:00	14.89	4.38	28.04	30075	343.36	30.38	-0.07
9/21/2024	11.54	3.54	19.71	21332	348.48	30.14	-0.08
9/21/2024 1:00	10.69	3.32	20.34	19864	385.93	30.16	-0.09
9/21/2024 2:00	10.94	3.36	17.82	20375	330.38	30.29	-0.09
9/21/2024 3:00	10.92	3.38	20.32	20471	374.33	30.28	-0.08
9/21/2024 4:00	9.92	3.09	16.15	18454	333.64	29.74	-0.09

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/21/2024 5:00	10.99	3.26	18.01	20722	328	29.85	-0.08
9/21/2024 6:00	10.26	3.21	18.86	19797	359.02	29.48	-0.08
9/21/2024 7:00	9.31	2.96	20.18	17795	425.9	29.03	-0.09
9/21/2024 8:00	9.6	2.9	18.07	18461	368.67	29.48	-0.09
9/21/2024 9:00	9.93	3.04	17.71	19767	337.06	30.18	-0.08
9/21/2024 10:00	11.56	3.47	20.91	22917	344.06	31.27	-0.07
9/21/2024 11:00	12.11	3.51	21.89	24150	341.95	32.84	-0.06
9/21/2024 12:00	12.93	3.84	21.6	25879	314.58	34.96	-0.05
9/21/2024 13:00	12.67	3.77	20.21	25596	297.76	37.96	-0.06
9/21/2024 14:00	11.91	3.61	18.87	23966	296.92	39.87	-0.06
9/21/2024 15:00	12.01	3.75	20.78	24252	323.03	41.44	-0.07
9/21/2024 16:00	10.68	3.32	19.52	21280	344.11	42.43	-0.08
9/21/2024 17:00	12.08	3.79	20.86	24948	315.23	41.08	-0.08
9/21/2024 18:00	11.34	3.64	20.22	23657	324.59	39.48	-0.08
9/21/2024 19:00	11.24	3.6	22.08	23765	350.47	37.79	-0.07
9/21/2024 20:00	10.91	3.46	20.33	22879	334.93	35.9	-0.08
9/21/2024 21:00	10.71	3.54	21.26	22993	348.88	34.85	-0.08
9/21/2024 22:00	11.16	3.62	22.42	23563	359.06	34.03	-0.08
9/21/2024 23:00	11.21	3.61	24.07	23791	381.29	33.17	-0.08
9/22/2024	10.09	3.33	19.75	21259	351.85	31.81	-0.09
9/22/2024 1:00	10.91	3.49	19.79	22672	329.58	31.17	-0.09
9/22/2024 2:00	10.6	3.37	19.79	22006	338.87	30.19	-0.09
9/22/2024 3:00	10.19	3.28	23.44	20863	423.95	29.04	-0.09
9/22/2024 4:00	9.32	3.1	19.89	19118	390.81	28.34	-0.1
9/22/2024 5:00	10.23	3.4	23.24	21224	412.43	28.39	-0.1
9/22/2024 6:00	10.05	3.33	19.3	21008	345.79	27.99	-0.1
9/22/2024 7:00	8.89	3	18.03	18099	372.56	27.36	-0.1
9/22/2024 8:00	9.25	3.05	20.56	19007	408.37	28.03	-0.1
9/22/2024 9:00	9.29	3.07	16.65	19276	326.61	28.76	-0.1

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/22/2024 10:00	10.26	3.29	27.17	21086	485.5	29.78	-0.09
9/22/2024 11:00	10.01	3.29	19.14	20245	357	30.77	-0.09
9/22/2024 12:00	10.5	3.34	19.36	21116	346.09	32.34	-0.09
9/22/2024 13:00	11.15	3.54	19.89	22445	334.6	33.77	-0.08
9/22/2024 14:00	11.71	3.63	19.09	23315	308.67	34.78	-0.08
9/22/2024 15:00	11.19	3.47	19.2	22063	328.7	35.09	-0.08
9/22/2024 16:00	10.8	3.44	20.24	21555	354.69	35.75	-0.08
9/22/2024 17:00	10.64	3.51	22.55	21512	396.09	34.32	-0.09
9/22/2024 18:00	10.63	3.4	21.62	21605	377.39	31.51	-0.08
9/22/2024 19:00	11.19	3.62	23.97	23082	391.25	31.27	-0.08
9/22/2024 20:00	11.03	3.59	23.02	22523	384.42	30.84	-0.09
9/22/2024 21:00	10.06	3.37	19.06	20262	353.32	28.99	-0.09
9/22/2024 22:00	8.93	3	19.08	17934	402.99	28.14	-0.09
9/22/2024 23:00	7.74	2.72	15.25	15621	363.43	27.29	-0.1
9/23/2024	9.08	3.03	22.11	18367	454.29	27.97	-0.09
9/23/2024 1:00	9.25	3.14	19.55	19219	383.77	28.03	-0.1
9/23/2024 2:00	9.2	3.1	18.2	19035	360.85	27.78	-0.1
9/23/2024 3:00	8.85	3.02	21.61	18227	446.89	27.98	-0.09
9/23/2024 4:00	8.25	2.73	16.42	16936	365.34	28.14	-0.09
9/23/2024 5:00	9.57	3.11	19.31	20171	361.94	28.01	-0.06
9/23/2024 6:00	9.31	3.07	21.83	19430	420.71	26.07	-0.07
9/23/2024 7:00	9.85	3.21	21.66	20068	406.91	25.83	-0.07
9/23/2024 8:00	9.89	3.21	24.36	20543	447.27	26.47	-0.08
9/23/2024 9:00	9.87	3.22	20.07	20712	365.23	27.17	-0.08
9/23/2024 10:00	10.17	3.22	23.32	20979	419.07	28.01	-0.07
9/23/2024 11:00	9.31	3.07	16.36	19206	319.81	28.52	-0.08
9/23/2024 12:00	10.09	3.27	19.08	20940	343.84	27.76	-0.06
9/23/2024 13:00	9.91	3.31	27.06	20442	498.93	27.63	-0.07
9/23/2024 14:00	9.59	3.07	19.77	19670	377.06	28.1	-0.07

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/23/2024 15:00	10.19	3.24	24.4	21288	432	28.65	-0.07
9/23/2024 16:00	9.62	3.16	17.43	19891	331.76	28.82	-0.07
9/23/2024 17:00	10.18	3.26	18.64	21249	330.59	28.93	-0.07
9/23/2024 18:00	10.21	3.24	21.71	20741	396.24	28.65	-0.07
9/23/2024 19:00	9.56	3.19	15.76	20094	295.76	27.94	-0.08
9/23/2024 20:00	9.75	3.16	26.07	20318	483.81	27.63	-0.08
9/23/2024 21:00	9.65	3.15	22.23	20292	413.86	26.78	-0.08
9/23/2024 22:00	8.12	2.74	17.44	17014	382.18	25.74	-0.09
9/23/2024 23:00	8.78	2.92	22.28	18357	457.44	26.03	-0.09
9/24/2024	8.76	2.92	21.53	18490	438.89	26.14	-0.09
9/24/2024 1:00	8.22	2.79	20.06	17726	426.47	26.34	-0.09
9/24/2024 2:00	8.59	2.83	14.21	18098	295.99	26.61	-0.09
9/24/2024 3:00	8.73	2.88	26.25	18367	538.67	26.77	-0.09
9/24/2024 4:00	7.64	2.69	15.15	16248	352.62	26.91	-0.1
9/24/2024 5:00	8.58	2.96	17.95	18016	375.79	27.65	-0.09
9/24/2024 6:00	9.34	3.03	16.61	19394	322.31	28.13	-0.09
9/24/2024 7:00	10.94	3.6	21.57	23145	354.64	27.42	-0.08
9/24/2024 8:00	8.92	2.95	21.55	17838	455.81	28.63	-0.09
9/24/2024 9:00	8.57	2.95	16.59	17182	363.73	28.42	-0.1
9/24/2024 10:00	8.39	2.85	20.56	17379	446.59	27.75	-0.1
9/24/2024 11:00	8.58	2.91	15.87	18295	327.11	28.54	-0.09
9/24/2024 12:00	8.41	2.79	16.33	17483	350.68	29.45	-0.09
9/24/2024 13:00	9.63	3.13	17.76	19957	335.54	31.05	-0.09
9/24/2024 14:00	9.93	3.31	19.17	20432	353.68	31.7	-0.09
9/24/2024 15:00	9.31	3.09	17.53	19076	347.47	30.31	-0.09
9/24/2024 16:00	9.65	3.15	18.21	19716	348.74	30.97	-0.09
9/24/2024 17:00	9.76	3.22	19.66	19823	374.14	31.2	-0.09
9/24/2024 18:00	9.86	3.21	17.23	20042	323.94	31.52	-0.09
9/24/2024 19:00	9.38	3.04	19.9	18759	395.73	30.79	-0.09

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/24/2024 20:00	9.75	3.22	15.73	19796	299.74	30.46	-0.09
9/24/2024 21:00	9.88	3.22	20.22	20014	380.36	30.33	-0.09
9/24/2024 22:00	9.6	3.14	18.71	19505	361.22	29.09	-0.09
9/24/2024 23:00	9.44	3.15	17.54	19060	346.89	28.1	-0.1
9/25/2024	9.18	3.09	17.34	18930	345.23	28.14	-0.1
9/25/2024 1:00	8.54	2.92	18.09	17432	386.18	27.84	-0.11
9/25/2024 2:00	8.92	3.04	18.79	18298	387.16	27.84	-0.1
9/25/2024 3:00	9.05	3.05	16.14	18650	326.16	27.87	-0.1
9/25/2024 4:00	8.31	2.9	16.68	17074	368.24	27.62	-0.11
9/25/2024 5:00	8.71	2.93	20.04	18030	419.11	27.7	-0.1
9/25/2024 6:00	8.55	2.92	20.76	17790	440	27.65	-0.11
9/25/2024 7:00	8.6	3.02	19.2	17784	406.76	27.37	-0.11
9/25/2024 8:00	8.46	2.97	25.05	17790	469.98	27.25	-0.11
9/25/2024 9:00	8.7	3.24	19.72	18633	419.14	27.64	-0.1
9/25/2024 10:00	8.65	3.12	21.23	18618	431.07	28.5	-0.1
9/25/2024 11:00	8.61	3.01	17.43	18038	364.53	29.46	-0.1
9/25/2024 12:00	8.83	2.99	15.47	18807	314.18	30.78	-0.1
9/25/2024 13:00	9.2	3.11	23.74	19256	464.52	31.12	-0.1
9/25/2024 14:00	8.72	2.89	15.97	17563	340.45	31.58	-0.1
9/25/2024 15:00	9.89	3.19	18.79	20105	352.45	32.54	-0.1
9/25/2024 16:00	9.38	3.06	17.31	18926	345.44	32.65	-0.09
9/25/2024 17:00	10.19	3.31	16.96	20375	313.43	32.66	-0.09
9/25/2024 18:00	10.27	3.3	18.02	20338	334.23	32.27	-0.09
9/25/2024 19:00	9.47	2.97	15.38	18452	316.04	31.23	-0.1
9/25/2024 20:00	9.42	3.1	15.47	18566	314.03	30.57	-0.1
9/25/2024 21:00	10.19	3.23	18.64	19484	359.99	30.24	-0.09
9/25/2024 22:00	9.95	3.09	20.5	19005	406.69	30.16	-0.09
9/25/2024 23:00	10.01	3.11	19.5	19398	378.7	29.81	-0.09
9/26/2024	9.57	3.03	16.71	18338	342.37	29.5	-0.09

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/26/2024 1:00	9.47	3	15.95	18329	327.68	28.8	-0.08
9/26/2024 2:00	9.96	3.14	22.17	19661	425.02	28.07	-0.08
9/26/2024 3:00	10.41	3.22	18.8	20429	347.21	27.71	-0.08
9/26/2024 4:00	8.81	2.81	17.25	17412	367.06	27.03	-0.09
9/26/2024 5:00	9.15	2.92	21.22	17676	452.87	27.26	-0.09
9/26/2024 6:00	9.08	2.91	19.39	18063	404.18	26.74	-0.09
9/26/2024 7:00	8.38	2.73	15.59	16889	350.21	26.08	-0.09
9/26/2024 8:00	8.9	2.79	17.64	17905	370.36	26.37	-0.09
9/26/2024 9:00	9.15	2.86	18.61	18378	381.57	27.3	-0.08
9/26/2024 10:00	9.58	2.97	22.07	19343	428.97	28.47	-0.08
9/26/2024 11:00	10.18	3.17	19.32	20168	360.78	29.97	-0.08
9/26/2024 12:00	10.17	3.21	20.98	20105	394.07	30.87	-0.08
9/26/2024 13:00	10.05	3.07	21.58	19585	416.03	31.76	-0.08
9/26/2024 14:00	10.07	3.09	22.19	19577	426.81	32.71	-0.08
9/26/2024 15:00	10.36	3.16	19.28	19975	363.81	34.22	-0.08
9/26/2024 16:00	8.95	2.75	19.69	17111	416.09	33.32	-0.08
9/26/2024 17:00	10.14	3.04	17.83	19559	343.2	32.08	-0.08
9/26/2024 18:00	9.74	2.99	18.46	18654	372.53	30.67	-0.08
9/26/2024 19:00	9.58	2.91	15.48	18359	317.94	29.8	-0.09
9/26/2024 20:00	9.45	2.92	18.74	18171	389.61	29.25	-0.09
9/26/2024 21:00	9.14	2.87	17.89	17722	380.63	28.83	-0.09
9/26/2024 22:00	8.97	2.81	13.95	17545	299.76	28.64	-0.09
9/26/2024 23:00	8.36	2.64	14.74	15799	350.92	28.21	-0.1
9/27/2024	8.75	2.73	20.57	16883	458.75	28.23	-0.09
9/27/2024 1:00	8.67	2.71	14.34	16708	323.84	28	-0.09
9/27/2024 2:00	8.41	2.7	15.18	16417	348.51	27.82	-0.09
9/27/2024 3:00	7.86	2.55	13.88	15236	343.7	27.23	-0.1
9/27/2024 4:00	8.44	2.72	14.62	16228	340.19	26.95	-0.1
9/27/2024 5:00	8.14	2.64	14.57	15826	346.84	26.63	-0.1

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/27/2024 6:00	7.56	2.54	12.58	14701	324.82	26.22	-0.1
9/27/2024 7:00	8.16	2.55	13.83	16043	324.91	26.34	-0.1
9/27/2024 8:00	8.36	2.69	19.45	16494	444.47	26.53	-0.1
9/27/2024 9:00	8.59	2.71	16.08	16979	357.65	27.28	-0.09
9/27/2024 10:00	9.17	2.81	20.56	18014	431.41	28.53	-0.09
9/27/2024 11:00	10	3.06	20.31	19552	390.69	29.94	-0.08
9/27/2024 12:00	10.94	3.22	19.59	21295	346.65	31.93	-0.07
9/27/2024 13:00	11.71	3.42	19.04	22360	320.75	33.77	-0.06
9/27/2024 14:00	11.19	3.28	18.03	20565	335.36	34.75	-0.07
9/27/2024 15:00	12.15	3.48	18.74	22529	313.72	35.87	-0.07
9/27/2024 16:00	12.34	3.52	19.38	22430	325.79	35.61	-0.07
9/27/2024 17:00	12.48	3.59	17.87	22713	296.65	34.81	-0.06
9/27/2024 18:00	12.4	3.53	18.47	22575	308.33	33.73	-0.06
9/27/2024 19:00	11	3.17	18.21	20011	345.21	32.15	-0.07
9/27/2024 20:00	11.48	3.35	21.92	20981	394	31.5	-0.07
9/27/2024 21:00	11.18	3.22	20.74	20378	383.22	30.71	-0.08
9/27/2024 22:00	10.6	3.16	19.54	19651	375.41	29.99	-0.08
9/27/2024 23:00	9.33	2.78	16.34	17056	360.58	29.23	-0.08
9/28/2024	9.93	3.01	18.12	18219	375.03	29.19	-0.08
9/28/2024 1:00	9.64	2.94	15.89	17880	335.23	29.01	-0.08
9/28/2024 2:00	9.62	2.85	13.91	17386	301.53	29.12	-0.09
9/28/2024 3:00	9.45	2.83	22.91	17280	500.07	29.25	-0.09
9/28/2024 4:00	8.67	2.6	15.61	15675	372.91	29.2	-0.09
9/28/2024 5:00	9.39	2.79	13.91	17091	306.98	29.54	-0.09
9/28/2024 6:00	9.16	2.78	19.24	16997	427.21	29.7	-0.09
9/28/2024 7:00	8.68	2.61	17.45	15948	410.14	29.69	-0.09
9/28/2024 8:00	9.3	2.74	16.41	16945	365.14	30.04	-0.09
9/28/2024 9:00	9.19	2.77	14.59	16940	324.71	30.56	-0.09
9/28/2024 10:00	9.4	2.81	14.44	17329	314.03	31.55	-0.09

O.Reg 88/22 s34: Plant 4 Flare

Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/28/2024 11:00	9.84	2.89	16.84	17773	357.34	31.95	-0.08
9/28/2024 12:00	9.78	2.95	19.25	17760	408.53	32.03	-0.08
9/28/2024 13:00	9.46	2.81	15.45	16763	349.21	32.43	-0.07
9/28/2024 14:00	10.47	2.94	18.43	17955	386.61	32.24	-0.07
9/28/2024 15:00	10.21	2.91	19.12	17737	406.44	31.81	-0.07
9/28/2024 16:00	9.57	2.78	17.41	16523	395.74	30.96	-0.08
9/28/2024 17:00	9.17	2.76	15.51	16257	358.7	29.51	-0.09
9/28/2024 18:00	8.89	2.64	14.71	15489	357.97	28.65	-0.09
9/28/2024 19:00	8.85	2.6	17.87	15726	428.29	29.07	-0.09
9/28/2024 20:00	9.09	2.72	15.95	16281	368.98	29.24	-0.09
9/28/2024 21:00	9.14	2.73	19.74	16486	451.37	29.64	-0.09
9/28/2024 22:00	8.37	2.46	14.17	14900	357.49	29.74	-0.09
9/28/2024 23:00	8.84	2.71	13.41	16015	315.98	29.29	-0.09
9/29/2024	12.17	3.51	18.99	22628	316.36	28.09	-0.07
9/29/2024 1:00	10.27	3.1	16.65	17519	357.97	28.41	-0.08
9/29/2024 2:00	9.57	2.87	14.7	15969	346.73	28.73	-0.09
9/29/2024 3:00	8	2.45	11.93	13635	329.36	27.98	-0.09
9/29/2024 4:00	8.88	2.6	16.69	15359	409.17	28.32	-0.09
9/29/2024 5:00	8.76	2.6	13.32	15339	327.36	28.5	-0.09
9/29/2024 6:00	8.77	2.67	14.73	15528	357.79	28.11	-0.08
9/29/2024 7:00	8.09	2.47	14.86	14123	392.91	27.11	-0.09
9/29/2024 8:00	8.36	2.6	16.53	15146	411.67	27.49	-0.09
9/29/2024 9:00	8.6	2.61	17.38	15557	421.43	28.24	-0.08
9/29/2024 10:00	8.46	2.61	17.3	15592	418.21	28.67	-0.08
9/29/2024 11:00	8.08	2.48	14.7	14703	374.47	28.93	-0.09
9/29/2024 12:00	8.97	2.7	14	16244	325.73	30.74	-0.08
9/29/2024 13:00	9.24	2.76	15.26	16737	343.79	30.9	-0.07
9/29/2024 14:00	9.27	2.77	16.53	16899	369.48	30.66	-0.07
9/29/2024 15:00	9.64	2.93	15.76	17306	345.2	31.58	-0.07

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/29/2024 16:00	9.15	2.68	14.25	16179	331.75	31.72	-0.07
9/29/2024 17:00	10.07	3	15.63	17944	328.31	31.26	-0.07
9/29/2024 18:00	9.71	2.94	14.93	17358	324.1	30.57	-0.07
9/29/2024 19:00	9.21	2.76	13.43	16221	313.03	29.72	-0.07
9/29/2024 20:00	9.69	2.9	16.66	17031	368.7	29.41	-0.07
9/29/2024 21:00	9.38	2.95	13.64	16790	306.27	28.96	-0.08
9/29/2024 22:00	9.4	2.8	16.68	16760	375.6	28.85	-0.08
9/29/2024 23:00	8.69	2.65	14.84	15355	361.15	28.86	-0.09
9/30/2024	9.1	2.7	12.9	16439	295.88	29.32	-0.09
9/30/2024 1:00	9.01	2.68	13.66	16101	319.83	29.32	-0.09
9/30/2024 2:00	7.97	2.5	14.06	14356	367.92	28.65	-0.1
9/30/2024 3:00	8.4	2.53	13.8	15369	338.21	28.55	-0.1
9/30/2024 4:00	8	2.43	14.09	14773	359.19	27.99	-0.1
9/30/2024 5:00	8.13	2.55	13.98	15129	348.27	27.63	-0.1
9/30/2024 6:00	8.02	2.52	11.79	15008	296.16	27.37	-0.1
9/30/2024 7:00	7.98	2.5	11.74	15101	293.07	27.12	-0.1
9/30/2024 8:00	8.03	2.53	12.1	14963	304.87	27.19	-0.1
9/30/2024 9:00	8.05	2.53	15.77	15395	384.72	28.01	-0.09
9/30/2024 10:00	8.33	2.62	14.33	16015	338.17	29.51	-0.09
9/30/2024 11:00	7.62	2.4	15.29	14083	399.73	31	-0.09
9/30/2024 12:00	8.47	2.64	14.05	15963	331.86	32	-0.08
9/30/2024 13:00	8.85	2.7	19.9	16442	456.66	32.46	-0.08
9/30/2024 14:00	8.84	2.74	17.07	16594	387.84	33.24	-0.08
9/30/2024 15:00	8.22	2.57	15.28	14956	380.59	34.01	-0.09
9/30/2024 16:00	8.97	2.66	13	15888	308.14	34.64	-0.09
9/30/2024 17:00	8.6	2.66	16.27	15276	402.23	34.49	-0.09
9/30/2024 18:00	7.54	2.41	11.68	13503	326.43	34.11	-0.1
9/30/2024 19:00	7.73	2.39	12.16	13837	331.8	33.36	-0.1
9/30/2024 20:00	7.44	2.35	11.33	13504	316.63	32.74	-0.1

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Date	COS(ppm)	CS2 (ppm)	SO2 Out (kg/hr)	H2S (ppm)	Standard Volumetric Flow	Temperature (C)	Pressure (kPa-a)
9/30/2024 21:00	7.26	2.33	12.4	13181	355.39	31.8	-0.11
9/30/2024 22:00	6.43	2.12	9.46	11847	302.63	30.74	-0.12
9/30/2024 23:00							
10/1/2024							