

February 28, 2025

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

**RE: O.Reg 88 – Section 34 Quarterly Report – Q4 2024**

This quarterly report is being submitted to meet the requirements as stated in section 34 of O. Reg 88/22, and provides a public posting of the following information:

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	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 1, 12:00 AM	5.85	122.77	714.89	30406.74
Oct 1, 1:00 AM	5.86	128.93	714.96	30684.79
Oct 1, 2:00 AM	5.89	114.00	714.87	30455.05
Oct 1, 3:00 AM	5.92	117.32	714.81	30779.64
Oct 1, 4:00 AM	5.92	122.69	714.81	30153.58
Oct 1, 5:00 AM	5.91	118.64	714.76	30202.46
Oct 1, 6:00 AM	5.89	118.26	714.80	29551.32
Oct 1, 7:00 AM	5.92	112.77	714.74	30133.36
Oct 1, 8:00 AM	5.94	122.28	714.79	29494.66
Oct 1, 9:00 AM	5.98	118.77	714.81	29706.62
Oct 1, 10:00 AM	6.00	125.66	714.85	28920.71
Oct 1, 11:00 AM	5.71	142.01	714.90	29193.19
Oct 1, 12:00 PM	4.90	146.99	714.95	31402.84
Oct 1, 1:00 PM	4.57	145.04	714.77	31999.19
Oct 1, 2:00 PM	4.63	179.98	715.24	33328.41
Oct 1, 3:00 PM	4.62	172.63	715.24	32236.10
Oct 1, 4:00 PM	4.59	147.50	715.21	32598.32
Oct 1, 5:00 PM	4.41	99.60	715.24	30344.24
Oct 1, 6:00 PM	4.62	90.47	714.70	30775.12
Oct 1, 7:00 PM	4.69	90.98	714.68	32100.86
Oct 1, 8:00 PM	4.73	93.57	714.80	31404.35
Oct 1, 9:00 PM	4.44	94.89	714.78	32430.03
Oct 1, 10:00 PM	3.95	96.76	714.78	31496.45
Oct 1, 11:00 PM	3.66	96.39	714.78	32881.70
Oct 2, 12:00 AM	3.70	94.40	714.64	32657.43
Oct 2, 1:00 AM	3.73	92.08	714.64	32168.18
Oct 2, 2:00 AM	3.77	91.61	714.65	32440.59
Oct 2, 3:00 AM	3.80	89.83	714.70	32171.38
Oct 2, 4:00 AM	3.79	89.20	714.76	32912.16
Oct 2, 5:00 AM	3.77	88.91	714.78	31838.88
Oct 2, 6:00 AM	3.80	87.31	714.81	32309.95
Oct 2, 7:00 AM	3.55	84.91	714.73	32094.48
Oct 2, 8:00 AM	3.50	87.88	714.76	32013.79
Oct 2, 9:00 AM	3.29	86.97	714.91	32461.51
Oct 2, 10:00 AM	3.14	112.88	714.90	32744.09
Oct 2, 11:00 AM	2.79	119.64	715.12	33208.27
Oct 2, 12:00 PM	2.49	125.38	715.17	33421.36
Oct 2, 1:00 PM	2.50	130.91	715.75	33363.92
Oct 2, 2:00 PM	2.57	138.21	715.69	34020.43
Oct 2, 3:00 PM	2.60	136.10	715.67	33278.59
Oct 2, 4:00 PM	2.63	126.23	715.75	33395.06
Oct 2, 5:00 PM	2.66	102.95	715.64	33356.36
Oct 2, 6:00 PM	2.64	92.76	715.61	32445.01

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 2, 7:00 PM	2.95	80.72	715.60	32132.21
Oct 2, 8:00 PM	3.54	77.62	715.18	32123.30
Oct 2, 9:00 PM	3.46	80.53	715.46	32525.69
Oct 2, 10:00 PM	3.46	77.41	715.37	32848.00
Oct 2, 11:00 PM	3.39	77.04	715.46	32924.95
Oct 3, 12:00 AM	3.41	76.21	715.53	32591.48
Oct 3, 1:00 AM	3.40	77.00	715.39	32894.58
Oct 3, 2:00 AM	3.37	76.08	715.55	33390.47
Oct 3, 3:00 AM	3.38	76.66	715.66	32880.65
Oct 3, 4:00 AM	3.48	75.94	715.51	33113.89
Oct 3, 5:00 AM	3.52	75.42	715.37	33133.43
Oct 3, 6:00 AM	3.57	74.71	715.60	32705.93
Oct 3, 7:00 AM	4.14	75.88	715.77	32361.34
Oct 3, 8:00 AM	4.13	77.40	715.16	32204.35
Oct 3, 9:00 AM	4.12	77.32	715.13	32702.46
Oct 3, 10:00 AM	4.09	79.62	715.24	31963.66
Oct 3, 11:00 AM	4.04	82.07	715.27	31972.25
Oct 3, 12:00 PM	4.00	88.54	715.21	31886.33
Oct 3, 1:00 PM	3.96	3126.92	715.17	31837.97
Oct 3, 2:00 PM	3.96	115.27	715.20	31882.36
Oct 3, 3:00 PM	4.05	98.35	715.14	32450.58
Oct 3, 4:00 PM	4.01	93.87	715.21	31701.27
Oct 3, 5:00 PM	4.03	87.28	715.22	32221.69
Oct 3, 6:00 PM	4.05	80.84	715.16	31693.27
Oct 3, 7:00 PM	4.04	80.50	715.03	31985.81
Oct 3, 8:00 PM	3.99	80.89	715.02	32541.99
Oct 3, 9:00 PM	3.96	80.84	715.03	31940.34
Oct 3, 10:00 PM	3.89	81.35	715.07	31896.90
Oct 3, 11:00 PM	3.91	81.73	715.12	32060.05
Oct 4, 12:00 AM	3.94	81.03	715.16	31803.46
Oct 4, 1:00 AM	3.98	80.43	715.23	33011.37
Oct 4, 2:00 AM	3.98	80.02	715.12	32271.52
Oct 4, 3:00 AM	4.00	78.35	715.20	32918.41
Oct 4, 4:00 AM	3.95	78.71	715.16	33158.75
Oct 4, 5:00 AM	3.99	78.64	715.13	33198.94
Oct 4, 6:00 AM	3.99	79.26	715.33	33572.89
Oct 4, 7:00 AM	3.95	78.37	715.40	34778.27
Oct 4, 8:00 AM	3.95	83.97	715.38	33575.51
Oct 4, 9:00 AM	3.95	99.97	715.33	34071.78
Oct 4, 10:00 AM	3.80	103.12	715.61	35525.74
Oct 4, 11:00 AM	3.83	102.09	715.35	36211.58
Oct 4, 12:00 PM	3.79	116.39	715.31	35388.98
Oct 4, 1:00 PM	3.79	100.88	715.35	36031.69

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 4, 2:00 PM	3.81	96.16	715.22	35389.02
Oct 4, 3:00 PM	3.80	95.72	715.26	35554.48
Oct 4, 4:00 PM	3.77	92.12	715.29	35450.00
Oct 4, 5:00 PM	3.77	94.00	715.29	35731.18
Oct 4, 6:00 PM	3.78	100.30	715.28	35397.92
Oct 4, 7:00 PM	3.78	101.02	715.32	35577.29
Oct 4, 8:00 PM	3.82	99.75	715.22	36383.91
Oct 4, 9:00 PM	3.86	99.38	715.35	36745.13
Oct 4, 10:00 PM	3.91	98.04	715.26	35355.20
Oct 4, 11:00 PM	3.90	98.32	715.27	34663.80
Oct 5, 12:00 AM	3.90	97.12	715.36	36044.91
Oct 5, 1:00 AM	3.94	98.04	715.41	34266.64
Oct 5, 2:00 AM	3.96	97.30	715.41	35109.67
Oct 5, 3:00 AM	4.00	96.28	715.35	35754.68
Oct 5, 4:00 AM	3.99	99.09	715.44	35421.38
Oct 5, 5:00 AM	3.90	97.86	715.35	33672.01
Oct 5, 6:00 AM	3.89	96.95	715.03	33196.36
Oct 5, 7:00 AM	3.91	96.16	715.10	33856.76
Oct 5, 8:00 AM	3.85	97.17	715.10	33383.20
Oct 5, 9:00 AM	3.84	97.85	715.12	33331.45
Oct 5, 10:00 AM	3.82	106.49	715.40	34334.25
Oct 5, 11:00 AM	3.79	132.80	715.31	36257.08
Oct 5, 12:00 PM	3.77	135.65	715.36	36785.68
Oct 5, 1:00 PM	3.80	137.69	715.28	37279.12
Oct 5, 2:00 PM	3.79	149.99	715.16	36644.95
Oct 5, 3:00 PM	3.76	145.82	715.15	37776.31
Oct 5, 4:00 PM	3.79	131.59	715.19	37528.02
Oct 5, 5:00 PM	3.79	131.33	715.14	35720.07
Oct 5, 6:00 PM	3.86	108.97	715.13	34106.82
Oct 5, 7:00 PM	3.81	101.92	715.03	32541.94
Oct 5, 8:00 PM	3.82	99.46	715.09	34889.57
Oct 5, 9:00 PM	3.83	99.17	715.07	36672.20
Oct 5, 10:00 PM	3.82	97.79	715.06	37856.17
Oct 5, 11:00 PM	3.80	99.62	715.03	38088.77
Oct 6, 12:00 AM	3.73	98.51	715.07	37432.17
Oct 6, 1:00 AM	3.67	97.54	715.18	36153.62
Oct 6, 2:00 AM	3.68	100.95	715.26	35822.57
Oct 6, 3:00 AM	3.67	111.92	715.35	34410.66
Oct 6, 4:00 AM	3.68	123.55	715.27	35005.14
Oct 6, 5:00 AM	3.64	119.37	715.10	34980.36
Oct 6, 6:00 AM	3.65	123.73	715.29	34266.86
Oct 6, 7:00 AM	3.67	119.36	715.35	35084.76
Oct 6, 8:00 AM	3.66	129.13	715.18	32581.52

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 6, 9:00 AM	3.61	143.72	715.38	32111.51
Oct 6, 10:00 AM	3.64	145.65	715.52	32577.88
Oct 6, 11:00 AM	3.64	148.10	715.50	32342.57
Oct 6, 12:00 PM	3.57	155.76	715.56	31872.53
Oct 6, 1:00 PM	3.53	158.69	715.59	32454.30
Oct 6, 2:00 PM	3.52	157.93	715.58	32256.05
Oct 6, 3:00 PM	3.56	147.76	715.50	31816.12
Oct 6, 4:00 PM	3.55	145.99	715.43	32803.93
Oct 6, 5:00 PM	3.57	125.62	715.46	32659.86
Oct 6, 6:00 PM	3.57	109.75	715.38	32382.17
Oct 6, 7:00 PM	3.60	105.61	715.27	32605.47
Oct 6, 8:00 PM	3.56	102.59	715.04	32968.21
Oct 6, 9:00 PM	3.63	96.66	715.17	32655.31
Oct 6, 10:00 PM	3.66	94.48	715.19	33506.23
Oct 6, 11:00 PM	3.53	96.56	715.19	33170.75
Oct 7, 12:00 AM	3.51	98.10	715.33	34123.92
Oct 7, 1:00 AM	3.55	97.84	715.29	33545.59
Oct 7, 2:00 AM	3.59	97.37	715.06	33721.08
Oct 7, 3:00 AM	3.62	97.17	715.10	34802.13
Oct 7, 4:00 AM	3.65	97.97	715.24	33838.32
Oct 7, 5:00 AM	3.66	100.40	715.07	33826.98
Oct 7, 6:00 AM	3.75	102.40	715.03	33886.67
Oct 7, 7:00 AM	3.72	100.45	715.19	33260.23
Oct 7, 8:00 AM	3.74	100.95	715.20	32969.21
Oct 7, 9:00 AM	3.74	94.10	715.19	33249.15
Oct 7, 10:00 AM	3.56	95.22	715.32	32638.94
Oct 7, 11:00 AM	3.55	95.98	715.46	34199.51
Oct 7, 12:00 PM	3.53	118.79	715.25	34976.20
Oct 7, 1:00 PM	3.64	135.23	715.50	33471.05
Oct 7, 2:00 PM	3.70	146.54	715.26	33464.19
Oct 7, 3:00 PM	3.75	140.67	715.28	33258.77
Oct 7, 4:00 PM	3.76	126.30	715.26	33700.11
Oct 7, 5:00 PM	3.81	118.07	715.11	33320.55
Oct 7, 6:00 PM	3.89	111.67	715.19	32519.24
Oct 7, 7:00 PM	3.93	106.15	715.07	32734.15
Oct 7, 8:00 PM	4.04	106.56	714.99	32413.03
Oct 7, 9:00 PM	4.10	104.63	715.07	32115.72
Oct 7, 10:00 PM	4.07	104.56	715.10	32097.17
Oct 7, 11:00 PM	4.03	105.34	715.13	32353.37
Oct 8, 12:00 AM	4.01	103.38	715.15	32567.38
Oct 8, 1:00 AM	3.97	99.97	715.18	33017.79
Oct 8, 2:00 AM	3.90	96.08	715.09	32931.55
Oct 8, 3:00 AM	4.00	101.62	715.08	33131.45

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 8, 4:00 AM	4.00	103.70	714.93	32827.39
Oct 8, 5:00 AM	3.98	101.74	714.99	32690.23
Oct 8, 6:00 AM	4.03	100.76	714.92	32857.92
Oct 8, 7:00 AM	4.07	101.10	714.92	33286.87
Oct 8, 8:00 AM	4.06	102.63	714.97	33648.66
Oct 8, 9:00 AM	4.10	103.48	715.19	34294.81
Oct 8, 10:00 AM	4.09	106.25	715.00	32232.64
Oct 8, 11:00 AM	3.99	140.68	715.15	32627.25
Oct 8, 12:00 PM	3.90	141.66	715.25	32656.63
Oct 8, 1:00 PM	3.88	139.04	715.17	32773.11
Oct 8, 2:00 PM	3.89	118.44	715.07	32512.52
Oct 8, 3:00 PM	3.89	137.23	715.04	33012.27
Oct 8, 4:00 PM	3.87	131.77	715.01	33005.17
Oct 8, 5:00 PM	3.91	114.17	715.12	34594.49
Oct 8, 6:00 PM	3.92	103.92	714.94	36435.01
Oct 8, 7:00 PM	3.97	102.49	715.02	35255.95
Oct 8, 8:00 PM	4.06	100.84	715.13	35645.79
Oct 8, 9:00 PM	4.03	99.59	715.26	34957.89
Oct 8, 10:00 PM	4.06	99.53	715.21	33606.44
Oct 8, 11:00 PM	4.05	99.29	715.11	33311.36
Oct 9, 12:00 AM	4.07	98.62	715.01	33761.93
Oct 9, 1:00 AM	3.98	97.87	715.24	33521.45
Oct 9, 2:00 AM	3.98	97.89	715.14	33568.34
Oct 9, 3:00 AM	4.06	95.87	714.93	33423.92
Oct 9, 4:00 AM	4.08	95.61	714.90	32759.17
Oct 9, 5:00 AM	4.05	94.42	714.95	33214.38
Oct 9, 6:00 AM	4.07	94.97	714.92	32765.48
Oct 9, 7:00 AM	4.14	93.13	714.92	33365.59
Oct 9, 8:00 AM	4.14	93.54	714.89	33648.65
Oct 9, 9:00 AM	4.13	94.96	715.09	33118.91
Oct 9, 10:00 AM	4.03	95.21	715.20	32925.36
Oct 9, 11:00 AM	3.94	127.88	715.24	33380.59
Oct 9, 12:00 PM	3.88	119.91	714.95	32904.93
Oct 9, 1:00 PM	3.92	123.83	715.05	33655.39
Oct 9, 2:00 PM	3.85	116.32	714.92	34144.83
Oct 9, 3:00 PM	3.86	112.39	714.73	33827.91
Oct 9, 4:00 PM	3.89	101.05	714.78	34514.79
Oct 9, 5:00 PM	3.92	103.47	714.95	35322.91
Oct 9, 6:00 PM	4.00	98.19	715.07	35255.08
Oct 9, 7:00 PM	4.05	95.57	714.87	33828.00
Oct 9, 8:00 PM	4.01	95.81	715.03	35534.46
Oct 9, 9:00 PM	4.04	97.14	715.11	36723.66
Oct 9, 10:00 PM	4.04	94.84	715.12	36596.61



## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 9, 11:00 PM	4.11	95.68	715.06	37108.49
Oct 10, 12:00 AM	4.13	94.68	715.12	33689.86
Oct 10, 1:00 AM	4.17	93.78	715.08	33533.88
Oct 10, 2:00 AM	4.11	94.15	715.18	34086.36
Oct 10, 3:00 AM	4.08	92.73	715.04	33859.90
Oct 10, 4:00 AM	4.17	92.08	715.13	34017.82
Oct 10, 5:00 AM	4.11	92.85	715.18	34062.43
Oct 10, 6:00 AM	4.12	112.90	715.12	34151.62
Oct 10, 7:00 AM	4.13	123.88	715.33	34164.16
Oct 10, 8:00 AM	4.10	128.29	715.36	33817.29
Oct 10, 9:00 AM	4.10	159.31	715.15	32861.43
Oct 10, 10:00 AM	4.09	157.42	715.13	32647.97
Oct 10, 11:00 AM	4.09	175.07	715.16	32701.43
Oct 10, 12:00 PM	4.06	164.07	715.15	32388.41
Oct 10, 1:00 PM	4.05	175.99	715.19	34247.48
Oct 10, 2:00 PM	3.95	187.05	715.20	34754.62
Oct 10, 3:00 PM	3.98	171.40	715.13	33841.99
Oct 10, 4:00 PM	4.01	161.08	715.13	34844.29
Oct 10, 5:00 PM	4.06	145.11	715.16	34473.23
Oct 10, 6:00 PM	4.11	128.53	715.12	36337.82
Oct 10, 7:00 PM	3.99	112.14	715.33	36134.25
Oct 10, 8:00 PM	3.93	99.22	715.25	35294.38
Oct 10, 9:00 PM	3.96	105.28	715.08	33454.07
Oct 10, 10:00 PM	3.98	108.25	715.04	33382.14
Oct 10, 11:00 PM	4.01	109.94	714.96	33521.93
Oct 11, 12:00 AM	4.02	105.49	715.01	32760.41
Oct 11, 1:00 AM	4.01	110.41	714.93	32569.02
Oct 11, 2:00 AM	4.03	103.55	714.92	33282.71
Oct 11, 3:00 AM	4.02	104.56	714.96	32280.77
Oct 11, 4:00 AM	4.05	96.59	714.99	31985.69
Oct 11, 5:00 AM	4.05	98.13	715.03	32585.51
Oct 11, 6:00 AM	4.16	101.82	715.02	32329.25
Oct 11, 7:00 AM	4.16	101.44	715.11	32308.90
Oct 11, 8:00 AM	4.14	108.19	715.21	32348.85
Oct 11, 9:00 AM	4.00	134.97	715.27	32238.19
Oct 11, 10:00 AM	3.94	149.22	715.35	32211.09
Oct 11, 11:00 AM	3.89	151.95	715.28	32568.84
Oct 11, 12:00 PM	3.83	160.43	715.30	32510.04
Oct 11, 1:00 PM	3.79	169.60	715.26	31758.53
Oct 11, 2:00 PM	3.82	171.81	715.27	31517.16
Oct 11, 3:00 PM	3.91	154.95	715.24	31281.65
Oct 11, 4:00 PM	3.83	152.74	715.13	31532.88
Oct 11, 5:00 PM	3.81	142.97	715.17	31670.62

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 11, 6:00 PM	3.79	123.35	715.22	31966.49
Oct 11, 7:00 PM	3.80	116.66	715.23	32535.21
Oct 11, 8:00 PM	3.75	119.73	715.20	31902.95
Oct 11, 9:00 PM	3.79	112.48	715.24	32065.89
Oct 11, 10:00 PM	3.82	124.51	715.20	31824.64
Oct 11, 11:00 PM	3.73	111.72	715.23	31969.75
Oct 12, 12:00 AM	3.70	114.31	715.40	32835.14
Oct 12, 1:00 AM	3.67	109.72	715.04	33129.53
Oct 12, 2:00 AM	3.71	106.65	715.17	35569.82
Oct 12, 3:00 AM	3.66	106.67	715.09	35856.87
Oct 12, 4:00 AM	3.70	109.01	715.13	35344.75
Oct 12, 5:00 AM	3.77	92.86	715.13	34835.93
Oct 12, 6:00 AM	3.80	87.87	714.98	33987.82
Oct 12, 7:00 AM	3.79	88.24	714.99	33591.14
Oct 12, 8:00 AM	3.80	88.63	714.99	34286.46
Oct 12, 9:00 AM	3.78	89.19	715.15	35381.38
Oct 12, 10:00 AM	3.78	89.05	715.26	36300.35
Oct 12, 11:00 AM	3.78	89.53	715.27	37537.64
Oct 12, 12:00 PM	3.68	88.87	715.38	37662.61
Oct 12, 1:00 PM	3.68	88.13	715.16	37021.18
Oct 12, 2:00 PM	3.66	89.29	715.16	36678.58
Oct 12, 3:00 PM	3.67	91.97	715.24	37303.71
Oct 12, 4:00 PM	3.64	90.31	715.27	36255.11
Oct 12, 5:00 PM	3.68	90.81	715.30	37860.94
Oct 12, 6:00 PM	3.66	89.80	715.42	37060.77
Oct 12, 7:00 PM	3.63	89.35	715.52	36293.80
Oct 12, 8:00 PM	3.65	91.54	715.41	37278.58
Oct 12, 9:00 PM	3.76	91.10	715.30	36087.67
Oct 12, 10:00 PM	3.73	91.24	715.30	35038.50
Oct 12, 11:00 PM	3.69	92.07	715.45	35467.39
Oct 13, 12:00 AM	3.68	92.01	715.40	36093.42
Oct 13, 1:00 AM	3.71	92.06	715.23	35194.48
Oct 13, 2:00 AM	3.67	94.46	715.12	34616.98
Oct 13, 3:00 AM	3.64	95.05	715.17	34440.02
Oct 13, 4:00 AM	3.70	92.96	715.30	34122.87
Oct 13, 5:00 AM	3.69	93.11	715.23	34673.64
Oct 13, 6:00 AM	3.71	92.15	715.30	36916.20
Oct 13, 7:00 AM	3.68	92.04	715.34	36238.25
Oct 13, 8:00 AM	3.67	91.88	715.36	36805.01
Oct 13, 9:00 AM	3.68	92.14	715.32	37159.96
Oct 13, 10:00 AM	3.69	91.60	715.41	35278.18
Oct 13, 11:00 AM	3.72	92.26	715.19	37008.55
Oct 13, 12:00 PM	3.71	93.41	715.31	35975.14

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 13, 1:00 PM	3.67	96.70	715.32	36400.15
Oct 13, 2:00 PM	3.68	96.85	715.39	36600.18
Oct 13, 3:00 PM	3.68	96.54	715.39	35885.99
Oct 13, 4:00 PM	3.74	96.52	715.31	36659.13
Oct 13, 5:00 PM	3.75	97.16	715.38	36248.77
Oct 13, 6:00 PM	3.80	96.52	715.12	37612.62
Oct 13, 7:00 PM	3.78	96.91	715.21	37751.01
Oct 13, 8:00 PM	3.78	98.09	715.35	36832.85
Oct 13, 9:00 PM	3.76	97.37	715.40	36494.92
Oct 13, 10:00 PM	3.77	96.40	715.28	36158.63
Oct 13, 11:00 PM	3.68	97.08	715.19	36900.64
Oct 14, 12:00 AM	3.57	96.66	715.26	39341.55
Oct 14, 1:00 AM	3.69	95.64	715.21	40085.98
Oct 14, 2:00 AM	3.64	95.18	715.12	40844.38
Oct 14, 3:00 AM	3.70	88.95	715.18	41520.11
Oct 14, 4:00 AM	3.82	100.71	715.20	39134.93
Oct 14, 5:00 AM	3.89	99.00	715.34	37648.78
Oct 14, 6:00 AM	3.92	99.32	715.32	36917.45
Oct 14, 7:00 AM	3.77	99.25	715.31	34755.25
Oct 14, 8:00 AM	3.70	99.23	715.22	36639.43
Oct 14, 9:00 AM	3.65	100.20	715.06	38038.32
Oct 14, 10:00 AM	3.68	99.15	715.22	39221.65
Oct 14, 11:00 AM	3.68	101.52	715.16	39415.79
Oct 14, 12:00 PM	3.63	100.42	715.06	39080.71
Oct 14, 1:00 PM	3.68	99.92	715.19	36733.94
Oct 14, 2:00 PM	3.74	99.56	715.07	35038.56
Oct 14, 3:00 PM	3.65	100.53	714.88	35995.80
Oct 14, 4:00 PM	3.71	99.41	715.06	37540.79
Oct 14, 5:00 PM	3.75	100.76	715.05	36409.36
Oct 14, 6:00 PM	3.74	99.36	714.98	34894.23
Oct 14, 7:00 PM	3.77	98.57	715.04	35484.32
Oct 14, 8:00 PM	3.75	99.67	714.95	35976.27
Oct 14, 9:00 PM	3.86	100.15	714.85	35106.39
Oct 14, 10:00 PM	3.87	98.54	715.02	34629.93
Oct 14, 11:00 PM	3.88	97.62	715.01	34030.88
Oct 15, 12:00 AM	3.93	96.27	715.12	33893.83
Oct 15, 1:00 AM	3.96	97.44	715.20	35750.32
Oct 15, 2:00 AM	3.94	99.39	715.20	36329.85
Oct 15, 3:00 AM	3.93	97.91	715.22	36642.96
Oct 15, 4:00 AM	3.85	97.74	715.12	35299.82
Oct 15, 5:00 AM	3.83	98.50	715.16	34013.65
Oct 15, 6:00 AM	3.82	97.32	715.01	34086.62
Oct 15, 7:00 AM	3.85	97.62	714.97	34679.54

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 15, 8:00 AM	3.92	97.65	715.14	33748.14
Oct 15, 9:00 AM	3.88	97.86	715.16	34430.41
Oct 15, 10:00 AM	3.81	96.99	715.14	34303.93
Oct 15, 11:00 AM	3.86	99.19	715.10	34679.64
Oct 15, 12:00 PM	3.81	100.74	715.14	34579.81
Oct 15, 1:00 PM	3.83	111.02	715.28	36602.62
Oct 15, 2:00 PM	4.01	127.79	715.17	35918.18
Oct 15, 3:00 PM	4.39	114.94	714.85	36650.25
Oct 15, 4:00 PM	4.59	111.18	715.04	36503.91
Oct 15, 5:00 PM	4.75	107.13	714.81	35419.20
Oct 15, 6:00 PM	5.00	103.97	714.97	35685.56
Oct 15, 7:00 PM	5.68	102.42	715.01	35169.98
Oct 15, 8:00 PM	5.70	103.74	714.93	35137.67
Oct 15, 9:00 PM	5.68	101.83	714.73	34018.15
Oct 15, 10:00 PM	5.71	97.90	714.82	34289.02
Oct 15, 11:00 PM	5.69	99.84	714.86	34804.91
Oct 16, 12:00 AM	5.68	100.04	714.85	35330.26
Oct 16, 1:00 AM	5.69	100.28	714.71	34186.96
Oct 16, 2:00 AM	5.66	104.79	714.73	34439.14
Oct 16, 3:00 AM	5.68	106.15	714.80	34648.70
Oct 16, 4:00 AM	5.65	104.98	714.81	34937.58
Oct 16, 5:00 AM	5.64	103.84	714.75	35265.78
Oct 16, 6:00 AM	5.68	103.85	714.83	35560.96
Oct 16, 7:00 AM	5.77	103.80	714.76	35880.02
Oct 16, 8:00 AM	5.71	104.92	714.79	36339.05
Oct 16, 9:00 AM	5.74	101.67	714.80	34698.44
Oct 16, 10:00 AM	5.67	98.07	714.88	34614.94
Oct 16, 11:00 AM	5.64	109.44	714.82	34809.77
Oct 16, 12:00 PM	5.62	111.06	714.86	34334.01
Oct 16, 1:00 PM	5.66	127.61	714.84	34537.29
Oct 16, 2:00 PM	5.64	123.08	714.85	34387.92
Oct 16, 3:00 PM	5.62	118.77	714.88	34163.71
Oct 16, 4:00 PM	5.60	129.81	714.95	35646.52
Oct 16, 5:00 PM	5.61	121.44	715.09	36141.89
Oct 16, 6:00 PM	5.66	106.87	715.03	35062.09
Oct 16, 7:00 PM	5.65	102.95	715.03	34387.52
Oct 16, 8:00 PM	5.75	106.13	715.05	34327.54
Oct 16, 9:00 PM	5.70	107.29	715.15	32766.48
Oct 16, 10:00 PM	5.72	105.65	715.44	34120.71
Oct 16, 11:00 PM	5.75	106.37	715.15	33989.18
Oct 17, 12:00 AM	5.76	108.23	715.25	34567.91
Oct 17, 1:00 AM	5.77	106.24	715.17	33918.00
Oct 17, 2:00 AM	5.76	104.79	715.21	33636.27

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 17, 3:00 AM	5.75	103.75	715.31	33662.59
Oct 17, 4:00 AM	5.71	103.65	715.24	33756.73
Oct 17, 5:00 AM	5.75	105.33	715.26	34947.74
Oct 17, 6:00 AM	5.73	105.61	715.31	35123.87
Oct 17, 7:00 AM	5.71	104.16	715.25	35807.77
Oct 17, 8:00 AM	5.76	104.61	715.31	35973.48
Oct 17, 9:00 AM	5.74	110.63	715.37	35115.58
Oct 17, 10:00 AM	5.57	112.88	715.52	34795.61
Oct 17, 11:00 AM	5.55	160.05	715.55	34390.68
Oct 17, 12:00 PM	5.55	147.84	715.26	34886.96
Oct 17, 1:00 PM	5.56	157.99	715.25	34052.20
Oct 17, 2:00 PM	5.51	161.91	715.25	33578.93
Oct 17, 3:00 PM	5.53	148.24	715.33	33316.13
Oct 17, 4:00 PM	5.52	138.58	715.26	33076.61
Oct 17, 5:00 PM	5.53	118.96	715.17	33282.91
Oct 17, 6:00 PM	5.57	108.31	715.26	34272.23
Oct 17, 7:00 PM	5.56	110.49	715.30	33907.74
Oct 17, 8:00 PM	5.68	109.61	715.20	33502.59
Oct 17, 9:00 PM	5.72	112.94	715.12	32387.63
Oct 17, 10:00 PM	5.74	110.51	715.22	33713.29
Oct 17, 11:00 PM	5.76	110.72	715.15	32867.64
Oct 18, 12:00 AM	5.76	105.44	715.21	34324.05
Oct 18, 1:00 AM	5.77	101.82	715.36	33876.07
Oct 18, 2:00 AM	5.76	101.37	715.22	33421.18
Oct 18, 3:00 AM	5.75	101.59	715.33	33591.21
Oct 18, 4:00 AM	5.77	99.03	715.35	34043.83
Oct 18, 5:00 AM	5.77	102.96	715.24	33595.52
Oct 18, 6:00 AM	5.78	102.02	715.40	33544.64
Oct 18, 7:00 AM	5.79	99.25	715.32	33735.81
Oct 18, 8:00 AM	5.80	100.92	715.21	33981.49
Oct 18, 9:00 AM	5.64	102.23	715.27	34446.60
Oct 18, 10:00 AM	5.63	104.18	715.49	33318.09
Oct 18, 11:00 AM	5.58	130.59	715.26	33098.86
Oct 18, 12:00 PM	5.12	147.03	715.39	33378.30
Oct 18, 1:00 PM	5.49	155.33	715.34	33012.60
Oct 18, 2:00 PM	5.48	153.95	715.33	34415.67
Oct 18, 3:00 PM	5.46	141.42	715.33	35041.20
Oct 18, 4:00 PM	5.50	130.85	715.37	33424.33
Oct 18, 5:00 PM	5.53	116.54	715.36	35305.00
Oct 18, 6:00 PM	5.51	106.74	715.30	33770.50
Oct 18, 7:00 PM	5.49	105.75	715.26	33966.33
Oct 18, 8:00 PM	5.51	104.31	715.18	32733.34
Oct 18, 9:00 PM	5.55	102.51	715.28	33895.92

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 18, 10:00 PM	5.57	105.02	715.26	34629.08
Oct 18, 11:00 PM	5.59	105.58	715.18	34282.60
Oct 19, 12:00 AM	5.60	104.38	715.15	34009.18
Oct 19, 1:00 AM	5.61	105.10	715.21	33948.57
Oct 19, 2:00 AM	5.59	107.69	715.27	32718.48
Oct 19, 3:00 AM	5.58	106.56	715.19	33685.18
Oct 19, 4:00 AM	5.60	105.33	715.19	34026.27
Oct 19, 5:00 AM	5.61	104.52	715.11	34076.30
Oct 19, 6:00 AM	5.64	105.39	715.22	34248.66
Oct 19, 7:00 AM	5.58	105.00	715.43	35051.55
Oct 19, 8:00 AM	5.62	105.07	715.16	35047.50
Oct 19, 9:00 AM	5.54	107.51	704.47	34587.75
Oct 19, 10:00 AM	5.51	115.44	715.43	34376.71
Oct 19, 11:00 AM	5.56	167.15	715.36	33741.42
Oct 19, 12:00 PM	5.53	166.67	715.30	35299.38
Oct 19, 1:00 PM	5.55	175.65	715.39	35046.58
Oct 19, 2:00 PM	5.50	182.31	715.37	35696.41
Oct 19, 3:00 PM	5.51	166.48	715.43	35751.72
Oct 19, 4:00 PM	5.53	158.11	715.35	36672.24
Oct 19, 5:00 PM	5.54	140.43	715.37	36006.27
Oct 19, 6:00 PM	5.57	119.28	715.40	34431.85
Oct 19, 7:00 PM	5.56	112.51	715.23	33087.44
Oct 19, 8:00 PM	5.57	113.11	715.18	33716.37
Oct 19, 9:00 PM	5.59	111.68	715.26	33580.39
Oct 19, 10:00 PM	5.62	113.13	715.31	33478.18
Oct 19, 11:00 PM	5.65	113.79	715.27	33862.83
Oct 20, 12:00 AM	5.66	113.08	715.35	33632.58
Oct 20, 1:00 AM	5.64	110.84	715.45	34041.74
Oct 20, 2:00 AM	5.64	110.41	715.25	33151.40
Oct 20, 3:00 AM	5.63	109.36	715.40	34007.74
Oct 20, 4:00 AM	5.65	108.26	715.35	33989.16
Oct 20, 5:00 AM	5.65	108.50	715.36	33682.66
Oct 20, 6:00 AM	5.62	111.53	715.39	33653.17
Oct 20, 7:00 AM	5.63	110.50	715.30	33654.75
Oct 20, 8:00 AM	5.63	112.91	715.31	33317.30
Oct 20, 9:00 AM	5.62	113.39	715.39	32539.00
Oct 20, 10:00 AM	5.54	122.97	715.60	31388.46
Oct 20, 11:00 AM	5.44	167.61	715.63	32468.35
Oct 20, 12:00 PM	5.28	166.83	715.58	32836.16
Oct 20, 1:00 PM	5.23	176.90	715.52	33601.07
Oct 20, 2:00 PM	5.20	183.25	715.36	34375.23
Oct 20, 3:00 PM	5.18	170.24	715.48	34752.49
Oct 20, 4:00 PM	5.16	160.93	715.44	34274.30

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 20, 5:00 PM	5.15	153.26	715.39	34029.68
Oct 20, 6:00 PM	5.18	131.33	715.40	34738.42
Oct 20, 7:00 PM	5.22	119.37	715.32	34813.91
Oct 20, 8:00 PM	5.23	123.94	715.29	31730.21
Oct 20, 9:00 PM	5.21	121.00	715.31	33273.43
Oct 20, 10:00 PM	5.20	121.09	715.37	31906.24
Oct 20, 11:00 PM	5.23	120.49	715.23	32663.34
Oct 21, 12:00 AM	5.25	119.18	715.31	32679.38
Oct 21, 1:00 AM	5.28	121.83	715.24	33127.62
Oct 21, 2:00 AM	5.35	119.32	715.31	33010.48
Oct 21, 3:00 AM	5.40	117.17	715.36	32186.44
Oct 21, 4:00 AM	5.42	115.51	715.50	32533.64
Oct 21, 5:00 AM	5.38	118.53	715.48	32876.07
Oct 21, 6:00 AM	5.32	117.29	715.49	32482.31
Oct 21, 7:00 AM	5.32	115.58	715.41	32828.10
Oct 21, 8:00 AM	5.31	115.75	715.44	32181.09
Oct 21, 9:00 AM	5.26	118.06	715.46	32762.54
Oct 21, 10:00 AM	5.19	155.52	715.40	31722.92
Oct 21, 11:00 AM	5.15	165.63	715.46	32578.99
Oct 21, 12:00 PM	5.07	167.63	715.42	33016.10
Oct 21, 1:00 PM	5.02	183.21	715.47	33571.05
Oct 21, 2:00 PM	4.97	184.17	715.43	32910.89
Oct 21, 3:00 PM	4.97	169.93	715.31	34156.86
Oct 21, 4:00 PM	5.00	165.76	715.34	32790.19
Oct 21, 5:00 PM	5.03	146.55	715.45	33851.09
Oct 21, 6:00 PM	5.08	127.73	715.32	33295.79
Oct 21, 7:00 PM	5.13	121.45	715.20	33580.23
Oct 21, 8:00 PM	5.19	119.51	715.31	31951.49
Oct 21, 9:00 PM	5.17	118.67	715.36	32712.70
Oct 21, 10:00 PM	5.16	119.60	715.34	32846.07
Oct 21, 11:00 PM	5.17	118.73	715.39	33204.86
Oct 22, 12:00 AM	5.21	118.12	715.31	32100.27
Oct 22, 1:00 AM	5.21	116.59	715.31	32660.81
Oct 22, 2:00 AM	5.19	117.41	715.31	33089.89
Oct 22, 3:00 AM	5.20	116.37	715.47	33097.50
Oct 22, 4:00 AM	5.28	115.26	715.28	32870.17
Oct 22, 5:00 AM	5.26	116.10	715.19	33409.01
Oct 22, 6:00 AM	5.25	116.18	715.13	34339.89
Oct 22, 7:00 AM	5.23	119.04	715.16	33461.32
Oct 22, 8:00 AM	5.23	119.17	715.26	32799.95
Oct 22, 9:00 AM	5.17	118.29	715.31	33904.26
Oct 22, 10:00 AM	5.22	118.42	715.25	33519.81
Oct 22, 11:00 AM	5.17	166.42	715.49	36528.77

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 22, 12:00 PM	5.10	174.43	715.38	34694.55
Oct 22, 1:00 PM	5.07	177.34	715.38	32883.30
Oct 22, 2:00 PM	5.07	177.71	715.40	34184.42
Oct 22, 3:00 PM	5.12	165.80	715.33	35253.50
Oct 22, 4:00 PM	5.00	155.60	715.46	36413.21
Oct 22, 5:00 PM	4.99	152.81	715.44	38387.64
Oct 22, 6:00 PM	5.05	126.93	715.24	38854.38
Oct 22, 7:00 PM	5.05	119.98	715.21	37481.14
Oct 22, 8:00 PM	5.08	118.35	715.19	38521.96
Oct 22, 9:00 PM	5.09	118.30	715.06	43217.71
Oct 22, 10:00 PM	5.10	117.52	715.20	38245.11
Oct 22, 11:00 PM	5.08	120.73	715.02	40302.89
Oct 23, 12:00 AM	5.09	118.83	715.19	34469.00
Oct 23, 1:00 AM	5.10	122.17	715.21	33656.70
Oct 23, 2:00 AM	5.06	130.04	715.22	31803.04
Oct 23, 3:00 AM	5.08	127.63	715.19	34027.27
Oct 23, 4:00 AM	5.07	124.95	715.17	33179.74
Oct 23, 5:00 AM	5.07	130.43	715.22	33697.63
Oct 23, 6:00 AM	5.08	120.84	715.25	32950.30
Oct 23, 7:00 AM	5.08	118.74	715.20	32594.35
Oct 23, 8:00 AM	5.09	118.28	715.34	32523.07
Oct 23, 9:00 AM	5.09	122.92	715.30	32292.49
Oct 23, 10:00 AM	4.99	123.58	715.31	32752.18
Oct 23, 11:00 AM	4.93	125.30	715.39	32041.16
Oct 23, 12:00 PM	4.91	125.07	715.27	32384.70
Oct 23, 1:00 PM	4.92	124.99	715.11	32789.34
Oct 23, 2:00 PM	4.95	141.34	715.05	31811.82
Oct 23, 3:00 PM	4.81	122.80	715.33	32926.57
Oct 23, 4:00 PM	4.80	118.74	715.05	34463.39
Oct 23, 5:00 PM	4.80	117.51	715.04	35152.65
Oct 23, 6:00 PM	4.85	116.26	714.96	35079.17
Oct 23, 7:00 PM	4.89	115.41	714.84	35494.52
Oct 23, 8:00 PM	4.96	114.89	715.12	35019.88
Oct 23, 9:00 PM	5.01	119.37	714.94	35631.41
Oct 23, 10:00 PM	5.05	117.20	715.03	35650.64
Oct 23, 11:00 PM	5.06	117.02	714.96	35461.06
Oct 24, 12:00 AM	5.08	112.75	715.07	35322.22
Oct 24, 1:00 AM	5.11	105.80	714.98	34700.61
Oct 24, 2:00 AM	5.10	111.42	714.99	33734.14
Oct 24, 3:00 AM	5.08	112.93	715.09	33796.04
Oct 24, 4:00 AM	5.20	111.49	714.99	33909.25
Oct 24, 5:00 AM	5.24	109.52	715.10	34264.56
Oct 24, 6:00 AM	5.24	109.61	715.02	34109.93



## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 24, 7:00 AM	5.24	109.49	715.05	34194.64
Oct 24, 8:00 AM	5.20	109.34	715.21	34091.89
Oct 24, 9:00 AM	5.11	1823.92	715.16	33630.14
Oct 24, 10:00 AM	4.79	89.44	715.23	33546.46
Oct 24, 11:00 AM	4.48	121.47	715.19	33785.87
Oct 24, 12:00 PM	5.20	159.40	715.21	35234.13
Oct 24, 1:00 PM	5.15	164.90	715.44	36015.61
Oct 24, 2:00 PM	5.24	3364.26	715.31	36965.99
Oct 24, 3:00 PM	5.27	147.26	715.31	36308.50
Oct 24, 4:00 PM	5.22	132.36	715.25	37020.32
Oct 24, 5:00 PM	5.15	123.31	715.37	38038.93
Oct 24, 6:00 PM	5.08	114.40	715.27	38356.38
Oct 24, 7:00 PM	5.07	111.24	715.30	38492.30
Oct 24, 8:00 PM	5.09	112.28	715.24	37491.72
Oct 24, 9:00 PM	5.09	112.65	715.11	38407.39
Oct 24, 10:00 PM	5.10	109.49	715.12	36222.89
Oct 24, 11:00 PM	5.12	109.15	715.17	36162.92
Oct 25, 12:00 AM	5.09	108.65	715.00	34237.51
Oct 25, 1:00 AM	5.07	108.30	715.07	35003.16
Oct 25, 2:00 AM	5.07	114.79	715.05	35141.44
Oct 25, 3:00 AM	5.14	115.56	715.18	35833.66
Oct 25, 4:00 AM	5.13	112.83	715.19	32909.80
Oct 25, 5:00 AM	5.08	110.92	715.26	34878.52
Oct 25, 6:00 AM	5.00	109.19	715.21	35242.36
Oct 25, 7:00 AM	5.24	110.23	715.19	34750.23
Oct 25, 8:00 AM	5.07	107.78	715.28	38837.86
Oct 25, 9:00 AM	5.05	112.40	715.00	35292.61
Oct 25, 10:00 AM	5.06	115.05	715.17	33791.44
Oct 25, 11:00 AM	5.01	116.76	715.16	33691.73
Oct 25, 12:00 PM	4.99	146.76	715.09	33905.56
Oct 25, 1:00 PM	4.96	153.50	715.21	34322.57
Oct 25, 2:00 PM	4.95	144.83	715.40	33545.50
Oct 25, 3:00 PM	5.00	135.03	715.34	32336.48
Oct 25, 4:00 PM	4.98	120.30	715.26	32692.78
Oct 25, 5:00 PM	4.91	119.28	715.26	32701.34
Oct 25, 6:00 PM	4.95	117.50	715.20	32227.84
Oct 25, 7:00 PM	5.00	118.24	715.16	34367.46
Oct 25, 8:00 PM	5.04	120.09	715.15	34261.91
Oct 25, 9:00 PM	5.04	118.86	715.21	35744.67
Oct 25, 10:00 PM	4.99	117.48	715.13	33949.64
Oct 25, 11:00 PM	5.00	118.30	715.16	33286.64
Oct 26, 12:00 AM	4.98	116.10	715.26	32500.78
Oct 26, 1:00 AM	4.97	114.41	715.03	32842.40

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 26, 2:00 AM	5.05	114.02	715.08	32901.63
Oct 26, 3:00 AM	5.07	114.66	715.06	33456.28
Oct 26, 4:00 AM	5.11	114.60	715.18	33621.68
Oct 26, 5:00 AM	5.14	116.69	715.13	33738.23
Oct 26, 6:00 AM	5.16	114.12	715.11	34899.36
Oct 26, 7:00 AM	5.07	155.71	715.23	35055.45
Oct 26, 8:00 AM	5.05	114.89	715.19	33735.65
Oct 26, 9:00 AM	4.98	118.98	714.99	33036.23
Oct 26, 10:00 AM	4.87	124.47	715.02	33029.60
Oct 26, 11:00 AM	4.79	133.61	715.12	35347.01
Oct 26, 12:00 PM	4.72	126.06	714.91	35789.06
Oct 26, 1:00 PM	4.77	125.55	714.90	36479.05
Oct 26, 2:00 PM	4.78	124.44	714.91	35635.76
Oct 26, 3:00 PM	4.89	136.81	714.88	36600.57
Oct 26, 4:00 PM	4.86	125.41	715.10	35976.17
Oct 26, 5:00 PM	4.94	113.32	714.97	36071.46
Oct 26, 6:00 PM	5.04	113.16	714.99	33898.95
Oct 26, 7:00 PM	5.07	111.61	715.11	33097.55
Oct 26, 8:00 PM	5.15	116.79	715.16	34170.64
Oct 26, 9:00 PM	5.09	113.31	715.11	33710.71
Oct 26, 10:00 PM	5.11	112.79	715.20	33820.91
Oct 26, 11:00 PM	5.10	111.36	715.34	35123.72
Oct 27, 12:00 AM	5.12	114.31	715.23	34435.56
Oct 27, 1:00 AM	5.16	110.52	715.25	34262.69
Oct 27, 2:00 AM	5.16	111.70	715.32	34448.54
Oct 27, 3:00 AM	5.14	110.09	715.40	35840.73
Oct 27, 4:00 AM	5.18	111.19	715.38	34766.28
Oct 27, 5:00 AM	5.14	113.01	715.43	34305.70
Oct 27, 6:00 AM	5.13	112.84	715.20	35255.07
Oct 27, 7:00 AM	5.14	109.81	715.33	35902.09
Oct 27, 8:00 AM	5.13	109.75	715.20	34451.89
Oct 27, 9:00 AM	5.10	109.11	715.35	33988.77
Oct 27, 10:00 AM	5.68	181.27	715.31	34423.82
Oct 27, 11:00 AM	7.18	276.73	715.54	33534.77
Oct 27, 12:00 PM	6.81	254.80	715.19	33038.36
Oct 27, 1:00 PM	5.59	247.24	715.11	32856.79
Oct 27, 2:00 PM	4.65	265.34	715.06	32366.20
Oct 27, 3:00 PM	3.37	232.56	714.97	32449.95
Oct 27, 4:00 PM	3.43	189.46	714.96	33141.34
Oct 27, 5:00 PM	3.70	162.15	715.55	32455.21
Oct 27, 6:00 PM	4.01	140.70	715.19	32704.64
Oct 27, 7:00 PM	4.12	125.78	715.11	33744.19
Oct 27, 8:00 PM	4.18	130.20	715.01	33228.27

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 27, 9:00 PM	4.24	125.29	715.00	33428.86
Oct 27, 10:00 PM	4.24	116.14	714.91	33017.95
Oct 27, 11:00 PM	4.18	107.32	714.97	33061.73
Oct 28, 12:00 AM	4.19	113.05	714.90	33157.20
Oct 28, 1:00 AM	4.16	107.02	714.99	32901.10
Oct 28, 2:00 AM	4.13	106.57	714.96	33437.18
Oct 28, 3:00 AM	4.09	111.38	714.97	34008.96
Oct 28, 4:00 AM	4.08	106.86	714.91	33797.12
Oct 28, 5:00 AM	4.08	102.98	714.89	32778.88
Oct 28, 6:00 AM	4.12	96.73	715.03	33789.37
Oct 28, 7:00 AM	4.05	108.08	715.02	34103.93
Oct 28, 8:00 AM	4.41	116.28	714.94	35386.52
Oct 28, 9:00 AM	4.80	131.26	715.18	34220.25
Oct 28, 10:00 AM	5.03	160.19	715.40	35278.51
Oct 28, 11:00 AM	4.98	164.52	715.18	35924.06
Oct 28, 12:00 PM	5.03	172.77	715.03	37727.60
Oct 28, 1:00 PM	4.94	178.79	715.29	37619.81
Oct 28, 2:00 PM	4.80	187.96	715.14	37808.44
Oct 28, 3:00 PM	4.85	168.41	714.99	38628.44
Oct 28, 4:00 PM	5.61	166.14	715.05	37380.84
Oct 28, 5:00 PM	5.62	144.91	715.58	37984.54
Oct 28, 6:00 PM	5.53	127.86	715.25	39128.83
Oct 28, 7:00 PM	5.51	128.67	715.29	39685.11
Oct 28, 8:00 PM	5.47	120.79	715.19	41240.46
Oct 28, 9:00 PM	5.40	125.36	715.19	39928.08
Oct 28, 10:00 PM	5.30	130.22	715.30	39982.56
Oct 28, 11:00 PM	5.25	116.67	715.14	39111.62
Oct 29, 12:00 AM	5.25	117.05	715.19	39387.46
Oct 29, 1:00 AM	5.21	118.87	715.20	41190.93
Oct 29, 2:00 AM	5.22	123.31	715.28	41625.95
Oct 29, 3:00 AM	5.10	116.78	715.17	42247.93
Oct 29, 4:00 AM	5.06	138.40	715.26	41076.07
Oct 29, 5:00 AM	5.02	119.34	715.22	40120.57
Oct 29, 6:00 AM	4.91	111.45	715.27	40984.80
Oct 29, 7:00 AM	4.83	114.15	715.18	40138.13
Oct 29, 8:00 AM	4.92	121.86	715.35	40486.65
Oct 29, 9:00 AM	4.87	125.23	715.13	38954.25
Oct 29, 10:00 AM	4.83	146.01	715.12	36698.09
Oct 29, 11:00 AM	4.86	151.16	715.15	33442.86
Oct 29, 12:00 PM	4.76	163.19	715.26	35233.27
Oct 29, 1:00 PM	4.71	179.59	715.15	33808.50
Oct 29, 2:00 PM	4.75	168.69	715.22	34766.60
Oct 29, 3:00 PM	4.77	175.70	715.31	33884.12

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 29, 4:00 PM	4.77	158.32	715.20	34616.34
Oct 29, 5:00 PM	4.73	138.31	715.20	34375.01
Oct 29, 6:00 PM	4.76	120.60	715.08	32762.34
Oct 29, 7:00 PM	4.81	115.13	715.13	32535.67
Oct 29, 8:00 PM	4.76	121.09	715.15	33020.82
Oct 29, 9:00 PM	4.73	121.78	715.34	33775.70
Oct 29, 10:00 PM	4.71	115.56	715.20	33016.32
Oct 29, 11:00 PM	4.72	115.00	715.40	33872.23
Oct 30, 12:00 AM	4.68	114.61	715.28	34072.07
Oct 30, 1:00 AM	4.65	115.89	715.23	34123.19
Oct 30, 2:00 AM	4.80	118.07	715.16	32046.74
Oct 30, 3:00 AM	4.82	114.26	715.36	32054.12
Oct 30, 4:00 AM	4.69	115.24	715.28	33169.20
Oct 30, 5:00 AM	4.65	115.17	715.27	33333.29
Oct 30, 6:00 AM	4.66	118.11	715.25	32128.54
Oct 30, 7:00 AM	4.69	117.75	715.12	31917.83
Oct 30, 8:00 AM	4.68	115.14	715.25	32513.39
Oct 30, 9:00 AM	4.64	116.91	715.17	32760.78
Oct 30, 10:00 AM	4.62	118.15	715.31	32206.16
Oct 30, 11:00 AM	4.59	120.38	715.39	32967.98
Oct 30, 12:00 PM	4.58	122.39	715.36	33444.54
Oct 30, 1:00 PM	4.67	182.05	715.39	33928.59
Oct 30, 2:00 PM	4.71	143.74	715.36	35409.33
Oct 30, 3:00 PM	4.77	140.79	715.42	33541.23
Oct 30, 4:00 PM	4.82	130.86	715.40	35550.70
Oct 30, 5:00 PM	4.86	124.06	715.31	35243.45
Oct 30, 6:00 PM	4.90	121.89	715.25	34657.42
Oct 30, 7:00 PM	4.93	121.47	715.41	33274.96
Oct 30, 8:00 PM	4.98	121.15	715.31	32628.99
Oct 30, 9:00 PM	5.04	121.11	715.43	34379.82
Oct 30, 10:00 PM	5.02	119.84	715.41	33329.89
Oct 30, 11:00 PM	5.01	124.82	715.31	34353.65
Oct 31, 12:00 AM	5.02	123.42	715.41	35449.54
Oct 31, 1:00 AM	5.07	121.68	715.41	33219.16
Oct 31, 2:00 AM	5.11	121.18	715.47	33164.88
Oct 31, 3:00 AM	5.09	120.06	715.39	32673.62
Oct 31, 4:00 AM	5.12	118.09	715.47	34439.79
Oct 31, 5:00 AM	5.23	118.14	715.34	33749.36
Oct 31, 6:00 AM	5.13	116.89	715.43	34345.15
Oct 31, 7:00 AM	5.09	117.20	715.36	33795.69
Oct 31, 8:00 AM	5.07	117.77	715.36	34272.69
Oct 31, 9:00 AM	5.02	117.99	715.38	34780.83
Oct 31, 10:00 AM	5.03	119.49	715.44	33699.07

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Oct 31, 11:00 AM	5.12	121.73	715.38	34393.54
Oct 31, 12:00 PM	5.03	124.04	715.51	35563.02
Oct 31, 1:00 PM	5.02	142.63	715.55	34741.25
Oct 31, 2:00 PM	5.11	132.95	715.42	35250.82
Oct 31, 3:00 PM	5.03	246.26	715.46	34419.43
Oct 31, 4:00 PM	5.01	126.98	715.53	35875.34
Oct 31, 5:00 PM	5.15	125.23	715.37	34686.05
Oct 31, 6:00 PM	5.07	124.95	715.47	34192.36
Oct 31, 7:00 PM	5.19	122.70	715.44	32830.95
Oct 31, 8:00 PM	5.25	122.79	715.44	32416.91
Oct 31, 9:00 PM	5.31	120.98	715.39	33523.55
Oct 31, 10:00 PM	5.28	119.75	715.49	34235.35
Oct 31, 11:00 PM	5.30	119.58	715.46	33619.48
Nov 1, 12:00 AM	5.45	120.23	715.46	32573.41
Nov 1, 1:00 AM	5.49	118.79	715.33	32512.92
Nov 1, 2:00 AM	5.56	118.08	715.36	33510.32
Nov 1, 3:00 AM	5.42	114.53	715.33	33184.66
Nov 1, 4:00 AM	5.53	113.61	715.22	33577.13
Nov 1, 5:00 AM	5.56	112.62	715.32	33295.83
Nov 1, 6:00 AM	5.55	111.82	715.22	32052.25
Nov 1, 7:00 AM	5.61	114.25	715.18	32828.60
Nov 1, 8:00 AM	5.60	114.28	715.16	33293.30
Nov 1, 9:00 AM	5.63	114.87	715.20	34246.07
Nov 1, 10:00 AM	5.59	113.27	715.12	33715.15
Nov 1, 11:00 AM	5.51	114.13	715.12	32160.62
Nov 1, 12:00 PM	5.47	112.84	715.06	33392.74
Nov 1, 1:00 PM	5.53	112.56	714.91	34038.85
Nov 1, 2:00 PM	5.54	109.97	714.97	34491.04
Nov 1, 3:00 PM	5.54	100.65	714.93	33754.86
Nov 1, 4:00 PM	5.61	118.07	714.98	34621.61
Nov 1, 5:00 PM	5.66	122.07	715.02	33559.77
Nov 1, 6:00 PM	5.69	116.84	715.02	34369.58
Nov 1, 7:00 PM	5.71	115.01	714.97	34449.96
Nov 1, 8:00 PM	5.72	126.28	715.08	36155.09
Nov 1, 9:00 PM	5.75	127.87	715.14	35258.52
Nov 1, 10:00 PM	5.75	127.70	715.09	35586.20
Nov 1, 11:00 PM	5.74	133.20	715.21	34827.76
Nov 2, 12:00 AM	5.73	125.61	715.18	34360.34
Nov 2, 1:00 AM	5.75	120.06	715.13	34195.88
Nov 2, 2:00 AM	5.77	112.35	715.19	34328.31
Nov 2, 3:00 AM	5.78	117.26	715.04	34480.37
Nov 2, 4:00 AM	5.78	114.68	715.10	34729.65
Nov 2, 5:00 AM	5.95	108.91	715.14	34392.45

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 2, 6:00 AM	5.96	108.09	715.25	36446.55
Nov 2, 7:00 AM	5.98	116.43	715.30	35366.46
Nov 2, 8:00 AM	5.95	122.07	715.22	35819.16
Nov 2, 9:00 AM	5.84	157.41	715.22	35496.81
Nov 2, 10:00 AM	5.79	177.30	715.22	35011.73
Nov 2, 11:00 AM	5.80	168.02	715.16	35881.24
Nov 2, 12:00 PM	5.79	177.38	715.29	35083.63
Nov 2, 1:00 PM	5.79	175.13	715.29	33995.88
Nov 2, 2:00 PM	5.77	181.17	715.40	34324.60
Nov 2, 3:00 PM	5.78	167.61	715.32	34291.69
Nov 2, 4:00 PM	5.81	152.40	715.29	34159.75
Nov 2, 5:00 PM	5.81	130.67	715.30	36470.03
Nov 2, 6:00 PM	5.84	116.00	715.19	38135.88
Nov 2, 7:00 PM	5.85	111.94	715.23	39920.83
Nov 2, 8:00 PM	5.78	110.30	715.24	39588.69
Nov 2, 9:00 PM	5.76	110.39	715.33	39909.85
Nov 2, 10:00 PM	5.80	110.49	715.33	39289.84
Nov 2, 11:00 PM	5.79	113.09	715.40	39928.88
Nov 3, 12:00 AM	5.81	114.62	715.33	40151.82
Nov 3, 1:00 AM	5.80	119.26	715.42	39168.07
Nov 3, 1:00 AM	5.80	109.78	715.23	38905.31
Nov 3, 2:00 AM	5.81	116.77	715.21	37764.66
Nov 3, 3:00 AM	5.81	119.28	715.30	38165.15
Nov 3, 4:00 AM	5.80	123.04	715.22	38342.17
Nov 3, 5:00 AM	5.79	110.87	715.34	39646.60
Nov 3, 6:00 AM	5.78	106.62	715.27	39162.02
Nov 3, 7:00 AM	5.77	128.93	715.33	40006.14
Nov 3, 8:00 AM	5.74	129.13	715.38	39039.15
Nov 3, 9:00 AM	5.71	160.18	715.30	39593.00
Nov 3, 10:00 AM	5.67	146.99	715.34	40514.38
Nov 3, 11:00 AM	5.60	170.95	715.27	40787.25
Nov 3, 12:00 PM	5.54	178.83	715.47	39561.79
Nov 3, 1:00 PM	5.52	182.58	715.36	40460.76
Nov 3, 2:00 PM	5.53	174.90	715.32	40662.48
Nov 3, 3:00 PM	5.57	152.48	715.41	39872.85
Nov 3, 4:00 PM	5.59	115.91	715.36	39588.02
Nov 3, 5:00 PM	5.64	136.52	715.28	40675.48
Nov 3, 6:00 PM	5.63	134.10	715.38	39961.92
Nov 3, 7:00 PM	5.66	112.93	715.32	39772.23
Nov 3, 8:00 PM	5.67	109.78	715.36	39817.07
Nov 3, 9:00 PM	5.62	127.94	715.39	39667.05
Nov 3, 10:00 PM	5.60	120.73	715.35	40397.28
Nov 3, 11:00 PM	5.61	114.92	715.37	39586.05

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 4, 12:00 AM	5.60	114.70	715.20	40720.82
Nov 4, 1:00 AM	5.56	147.18	715.26	40283.25
Nov 4, 2:00 AM	5.55	114.85	715.40	39096.36
Nov 4, 3:00 AM	5.54	129.38	715.32	39528.88
Nov 4, 4:00 AM	5.54	135.90	715.39	38949.66
Nov 4, 5:00 AM	5.53	132.59	715.33	40680.22
Nov 4, 6:00 AM	5.51	132.90	715.41	39548.71
Nov 4, 7:00 AM	5.55	146.74	715.23	39073.66
Nov 4, 8:00 AM	5.56	124.32	715.37	38544.01
Nov 4, 9:00 AM	5.57	164.44	715.32	38240.58
Nov 4, 10:00 AM	5.52	158.85	715.46	37889.19
Nov 4, 11:00 AM	5.44	186.84	715.37	38240.78
Nov 4, 12:00 PM	5.49	180.02	715.42	38826.68
Nov 4, 1:00 PM	5.47	176.87	715.44	38327.22
Nov 4, 2:00 PM	5.39	165.85	715.43	37357.14
Nov 4, 3:00 PM	5.38	166.87	715.38	36836.40
Nov 4, 4:00 PM	5.33	152.74	715.33	35921.15
Nov 4, 5:00 PM	5.28	147.84	715.31	37125.49
Nov 4, 6:00 PM	5.24	139.44	715.32	35955.92
Nov 4, 7:00 PM	5.18	144.74	715.22	34757.93
Nov 4, 8:00 PM	5.19	155.06	715.23	34143.23
Nov 4, 9:00 PM	5.40	261.71	715.27	33294.93
Nov 4, 10:00 PM	5.28	333.41	715.47	32103.75
Nov 4, 11:00 PM	5.17	256.73	715.46	32872.28
Nov 5, 12:00 AM	5.08	151.45	715.30	34668.83
Nov 5, 1:00 AM	5.21	145.45	715.24	35926.23
Nov 5, 2:00 AM	5.04	158.57	715.43	38860.90
Nov 5, 3:00 AM	5.10	180.52	715.05	35491.25
Nov 5, 4:00 AM	5.15	180.85	715.38	35808.60
Nov 5, 5:00 AM	5.20	188.33	715.36	32906.46
Nov 5, 6:00 AM	5.21	196.60	715.35	34828.55
Nov 5, 7:00 AM	5.14	186.79	715.45	35616.38
Nov 5, 8:00 AM	5.09	179.73	715.37	36029.33
Nov 5, 9:00 AM	5.22	200.67	715.42	34244.27
Nov 5, 10:00 AM	5.19	208.29	715.40	34819.34
Nov 5, 11:00 AM	5.06	211.25	715.60	35679.54
Nov 5, 12:00 PM	5.04	205.17	715.47	35424.49
Nov 5, 1:00 PM	5.07	200.20	715.51	34173.28
Nov 5, 2:00 PM	5.07	206.07	715.43	33120.67
Nov 5, 3:00 PM	5.06	198.59	715.51	34761.86
Nov 5, 4:00 PM	5.06	194.71	715.45	35064.06
Nov 5, 5:00 PM	5.07	175.18	715.40	35716.08
Nov 5, 6:00 PM	5.06	180.48	715.32	32836.14

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 5, 7:00 PM	5.09	192.88	715.40	35583.56
Nov 5, 8:00 PM	5.06	195.13	715.39	36218.68
Nov 5, 9:00 PM	5.08	164.67	715.49	36423.38
Nov 5, 10:00 PM	5.17	174.41	715.47	35547.32
Nov 5, 11:00 PM	5.06	172.21	715.58	33877.81
Nov 6, 12:00 AM	5.04	163.73	715.60	34665.99
Nov 6, 1:00 AM	5.09	168.86	715.51	33918.04
Nov 6, 2:00 AM	5.14	137.09	715.52	31873.73
Nov 6, 3:00 AM	5.21	147.20	715.22	32468.80
Nov 6, 4:00 AM	5.26	136.29	715.43	32433.23
Nov 6, 5:00 AM	5.27	144.26	715.36	32300.14
Nov 6, 6:00 AM	5.26	144.34	715.44	32537.83
Nov 6, 7:00 AM	5.27	135.68	715.36	33314.15
Nov 6, 8:00 AM	5.27	140.44	715.38	32353.62
Nov 6, 9:00 AM	5.26	155.74	715.34	32682.90
Nov 6, 10:00 AM	5.22	170.09	715.35	32726.70
Nov 6, 11:00 AM	5.12	191.92	715.43	32269.89
Nov 6, 12:00 PM	5.08	191.33	715.41	31969.98
Nov 6, 1:00 PM	5.07	174.61	715.45	32852.34
Nov 6, 2:00 PM	5.10	172.54	715.39	32495.49
Nov 6, 3:00 PM	5.13	171.28	715.17	32224.47
Nov 6, 4:00 PM	5.12	131.70	715.17	33041.95
Nov 6, 5:00 PM	5.09	118.69	715.23	32917.08
Nov 6, 6:00 PM	5.16	111.05	715.24	33063.86
Nov 6, 7:00 PM	5.20	112.68	715.10	33085.98
Nov 6, 8:00 PM	5.24	112.19	715.20	34704.61
Nov 6, 9:00 PM	5.24	109.90	715.18	34199.64
Nov 6, 10:00 PM	5.30	110.23	715.18	33487.79
Nov 6, 11:00 PM	5.26	110.88	715.32	33903.86
Nov 7, 12:00 AM	5.17	112.62	715.12	33817.41
Nov 7, 1:00 AM	5.13	115.88	715.26	33324.92
Nov 7, 2:00 AM	5.11	112.07	715.15	34699.60
Nov 7, 3:00 AM	5.14	110.07	715.23	34992.43
Nov 7, 4:00 AM	5.08	107.96	715.08	36000.14
Nov 7, 5:00 AM	4.98	106.72	715.20	35706.07
Nov 7, 6:00 AM	4.97	103.78	715.07	35786.30
Nov 7, 7:00 AM	4.94	109.54	715.06	35415.05
Nov 7, 8:00 AM	4.91	108.12	715.12	34602.92
Nov 7, 9:00 AM	4.19	132.98	715.18	34389.71
Nov 7, 10:00 AM	5.08	122.95	715.29	33970.96
Nov 7, 11:00 AM	5.10	112.16	715.18	34112.70
Nov 7, 12:00 PM	5.06	109.68	715.39	34871.45
Nov 7, 1:00 PM	4.96	113.85	715.27	34707.01



## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 7, 2:00 PM	4.89	112.56	715.16	33086.86
Nov 7, 3:00 PM	4.80	108.86	715.31	33196.65
Nov 7, 4:00 PM	4.77	107.91	715.20	32074.20
Nov 7, 5:00 PM	4.89	106.75	715.24	32754.98
Nov 7, 6:00 PM	4.99	106.04	715.29	32141.25
Nov 7, 7:00 PM	5.01	110.28	715.19	33001.96
Nov 7, 8:00 PM	4.98	112.39	715.26	32874.12
Nov 7, 9:00 PM	5.01	106.84	715.22	33334.45
Nov 7, 10:00 PM	4.99	105.92	715.08	33967.30
Nov 7, 11:00 PM	5.03	104.30	715.18	32585.59
Nov 8, 12:00 AM	5.06	104.94	715.26	33236.21
Nov 8, 1:00 AM	5.04	103.15	715.25	33275.40
Nov 8, 2:00 AM	5.07	99.41	715.29	33695.80
Nov 8, 3:00 AM	5.04	98.32	715.26	32723.29
Nov 8, 4:00 AM	4.96	97.36	715.23	32364.30
Nov 8, 5:00 AM	4.86	100.54	715.20	32563.42
Nov 8, 6:00 AM	4.70	101.36	715.16	32784.75
Nov 8, 7:00 AM	4.66	106.36	715.25	32901.25
Nov 8, 8:00 AM	4.70	104.39	715.04	32755.05
Nov 8, 9:00 AM	4.69	104.67	715.23	32122.52
Nov 8, 10:00 AM	4.64	110.96	715.12	32801.74
Nov 8, 11:00 AM	4.57	110.59	714.88	33901.04
Nov 8, 12:00 PM	4.48	109.58	715.00	34446.09
Nov 8, 1:00 PM	4.42	110.33	714.87	35166.96
Nov 8, 2:00 PM	4.45	108.65	714.89	35001.63
Nov 8, 3:00 PM	4.49	113.08	714.94	34425.60
Nov 8, 4:00 PM	4.48	109.94	715.00	35141.79
Nov 8, 5:00 PM	4.47	107.20	714.80	36219.93
Nov 8, 6:00 PM	4.48	106.21	715.06	34713.07
Nov 8, 7:00 PM	4.49	114.36	714.98	34894.75
Nov 8, 8:00 PM	4.44	113.09	715.06	37289.97
Nov 8, 9:00 PM	4.42	111.57	715.03	38478.38
Nov 8, 10:00 PM	4.43	110.29	715.05	38134.39
Nov 8, 11:00 PM	4.51	112.26	715.02	38695.32
Nov 9, 12:00 AM	4.61	110.31	715.12	37973.95
Nov 9, 1:00 AM	4.71	109.31	715.11	34525.11
Nov 9, 2:00 AM	4.81	107.54	715.11	35366.25
Nov 9, 3:00 AM	4.86	106.85	715.37	38861.60
Nov 9, 4:00 AM	4.87	107.27	715.32	39351.67
Nov 9, 5:00 AM	4.89	108.78	715.35	38910.72
Nov 9, 6:00 AM	4.83	105.86	715.35	39487.24
Nov 9, 7:00 AM	4.80	106.92	715.30	39053.01
Nov 9, 8:00 AM	4.78	107.69	715.27	38755.66

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 9, 9:00 AM	4.73	107.92	715.30	38833.73
Nov 9, 10:00 AM	4.73	111.49	715.32	39172.66
Nov 9, 11:00 AM	4.72	114.77	715.24	41425.69
Nov 9, 12:00 PM	4.74	113.85	715.22	40513.38
Nov 9, 1:00 PM	4.73	121.44	715.23	41176.79
Nov 9, 2:00 PM	4.73	126.03	715.09	39606.57
Nov 9, 3:00 PM	4.73	115.76	715.14	39058.57
Nov 9, 4:00 PM	4.73	112.06	715.21	38177.56
Nov 9, 5:00 PM	4.76	110.14	715.15	36832.59
Nov 9, 6:00 PM	4.77	110.49	715.17	38568.17
Nov 9, 7:00 PM	4.81	109.93	715.17	38302.33
Nov 9, 8:00 PM	4.83	111.82	715.24	38065.09
Nov 9, 9:00 PM	4.83	113.64	715.20	37635.71
Nov 9, 10:00 PM	4.85	108.61	715.27	38518.05
Nov 9, 11:00 PM	4.83	111.24	715.29	38003.80
Nov 10, 12:00 AM	4.83	109.18	715.16	37862.19
Nov 10, 1:00 AM	4.82	108.58	715.27	37530.22
Nov 10, 2:00 AM	4.81	111.61	715.18	38084.64
Nov 10, 3:00 AM	4.82	110.62	715.10	36790.15
Nov 10, 4:00 AM	4.81	111.94	715.22	37077.05
Nov 10, 5:00 AM	4.81	110.54	715.23	37199.37
Nov 10, 6:00 AM	4.85	108.83	715.20	36982.70
Nov 10, 7:00 AM	4.80	107.29	715.42	37283.75
Nov 10, 8:00 AM	4.82	109.76	715.24	37508.11
Nov 10, 9:00 AM	4.82	109.31	715.20	36169.94
Nov 10, 10:00 AM	4.78	112.58	715.14	37382.74
Nov 10, 11:00 AM	4.75	112.49	715.08	38245.25
Nov 10, 12:00 PM	4.72	116.45	715.01	37743.99
Nov 10, 1:00 PM	4.72	122.29	715.10	34585.43
Nov 10, 2:00 PM	4.70	142.50	715.16	33914.11
Nov 10, 3:00 PM	4.72	153.82	715.27	33086.41
Nov 10, 4:00 PM	4.70	118.25	715.13	33222.88
Nov 10, 5:00 PM	4.68	115.36	715.29	32706.57
Nov 10, 6:00 PM	4.68	120.21	715.25	31798.92
Nov 10, 7:00 PM	4.69	139.03	715.35	32108.04
Nov 10, 8:00 PM	4.62	126.87	715.27	32698.63
Nov 10, 9:00 PM	4.63	113.32	715.24	32492.25
Nov 10, 10:00 PM	4.68	115.12	715.35	33286.61
Nov 10, 11:00 PM	4.65	114.67	715.20	32869.95
Nov 11, 12:00 AM	4.71	113.54	715.23	32883.94
Nov 11, 1:00 AM	4.71	113.33	715.26	32555.71
Nov 11, 2:00 AM	4.73	109.89	715.29	32963.30
Nov 11, 3:00 AM	4.87	106.18	715.11	32405.17

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 11, 4:00 AM	4.90	105.70	715.24	32054.76
Nov 11, 5:00 AM	4.81	109.67	715.39	33275.31
Nov 11, 6:00 AM	4.83	108.22	715.22	32719.67
Nov 11, 7:00 AM	4.78	106.80	715.13	33020.52
Nov 11, 8:00 AM	4.75	110.74	715.23	32443.28
Nov 11, 9:00 AM	4.73	110.34	715.27	32904.58
Nov 11, 10:00 AM	4.75	108.54	715.28	32290.41
Nov 11, 11:00 AM	4.72	107.56	715.26	32608.08
Nov 11, 12:00 PM	4.73	107.42	715.26	32352.98
Nov 11, 1:00 PM	4.68	120.08	715.26	32705.26
Nov 11, 2:00 PM	4.68	121.91	715.30	31834.72
Nov 11, 3:00 PM	4.60	115.92	715.38	32528.07
Nov 11, 4:00 PM	4.52	112.36	715.10	32453.55
Nov 11, 5:00 PM	4.55	109.65	714.99	33425.27
Nov 11, 6:00 PM	4.66	107.48	714.77	33940.09
Nov 11, 7:00 PM	4.74	105.86	714.88	33866.46
Nov 11, 8:00 PM	4.69	104.55	714.80	33924.70
Nov 11, 9:00 PM	4.69	102.16	714.88	36067.39
Nov 11, 10:00 PM	4.67	100.63	714.78	35870.18
Nov 11, 11:00 PM	4.63	103.64	714.77	34708.12
Nov 12, 12:00 AM	4.61	102.62	714.82	36438.08
Nov 12, 1:00 AM	4.67	101.44	714.82	35697.05
Nov 12, 2:00 AM	4.78	100.25	714.78	36172.14
Nov 12, 3:00 AM	4.80	104.39	714.93	36311.95
Nov 12, 4:00 AM	4.83	101.69	714.97	35512.70
Nov 12, 5:00 AM	4.82	104.28	715.06	38295.90
Nov 12, 6:00 AM	4.86	103.07	715.11	42202.89
Nov 12, 7:00 AM	4.90	101.95	715.11	42001.41
Nov 12, 8:00 AM	4.88	102.88	715.02	43280.75
Nov 12, 9:00 AM	4.86	105.04	715.21	42660.34
Nov 12, 10:00 AM	4.87	101.78	715.15	41978.43
Nov 12, 11:00 AM	4.85	110.33	715.17	43212.71
Nov 12, 12:00 PM	4.87	107.94	715.35	41352.17
Nov 12, 1:00 PM	4.89	108.17	715.27	39759.88
Nov 12, 2:00 PM	4.93	133.08	715.36	39544.30
Nov 12, 3:00 PM	4.89	112.68	715.33	38791.98
Nov 12, 4:00 PM	4.87	107.68	715.31	38774.36
Nov 12, 5:00 PM	4.97	106.50	715.25	38186.38
Nov 12, 6:00 PM	4.99	107.69	715.41	37889.36
Nov 12, 7:00 PM	4.96	109.64	715.51	38209.81
Nov 12, 8:00 PM	4.94	109.80	715.47	38383.57
Nov 12, 9:00 PM	4.91	109.79	715.36	39061.31
Nov 12, 10:00 PM	4.91	109.55	715.34	38957.89

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 12, 11:00 PM	4.90	111.77	715.34	38528.43
Nov 13, 12:00 AM	4.90	111.23	715.39	40038.00
Nov 13, 1:00 AM	4.87	110.07	715.38	40759.55
Nov 13, 2:00 AM	4.87	109.50	715.34	41393.08
Nov 13, 3:00 AM	4.90	108.04	715.30	39556.41
Nov 13, 4:00 AM	4.84	109.56	715.44	40673.92
Nov 13, 5:00 AM	4.84	110.04	715.37	40226.74
Nov 13, 6:00 AM	4.83	108.54	715.36	41002.08
Nov 13, 7:00 AM	4.79	109.24	715.32	41453.94
Nov 13, 8:00 AM	4.76	109.07	715.32	40030.49
Nov 13, 9:00 AM	4.71	112.05	715.35	39419.85
Nov 13, 10:00 AM	4.67	112.80	715.40	40300.50
Nov 13, 11:00 AM	4.67	115.24	715.18	40799.83
Nov 13, 12:00 PM	4.65	118.65	715.29	38926.52
Nov 13, 1:00 PM	4.64	117.19	715.10	40173.02
Nov 13, 2:00 PM	4.57	116.82	715.16	38993.81
Nov 13, 3:00 PM	4.28	117.51	715.19	39780.05
Nov 13, 4:00 PM	4.32	115.97	715.15	40747.69
Nov 13, 5:00 PM	4.34	115.30	715.11	38322.38
Nov 13, 6:00 PM	4.23	112.48	715.12	39115.90
Nov 13, 7:00 PM	4.25	113.88	715.06	37396.94
Nov 13, 8:00 PM	4.25	112.77	715.12	38380.07
Nov 13, 9:00 PM	4.25	111.70	715.22	39725.09
Nov 13, 10:00 PM	4.31	112.51	715.18	38464.23
Nov 13, 11:00 PM	4.32	128.37	715.18	36904.09
Nov 14, 12:00 AM	4.27	140.63	715.24	37238.30
Nov 14, 1:00 AM	4.27	174.23	715.11	37049.38
Nov 14, 2:00 AM	4.37	129.40	715.30	38553.64
Nov 14, 3:00 AM	4.39	154.56	715.27	37860.74
Nov 14, 4:00 AM	4.29	157.06	715.23	39239.91
Nov 14, 5:00 AM	4.38	112.42	715.01	38865.66
Nov 14, 6:00 AM	4.37	139.28	715.21	37991.67
Nov 14, 7:00 AM	4.43	126.50	715.03	37691.69
Nov 14, 8:00 AM	4.44	129.60	715.14	40112.52
Nov 14, 9:00 AM	4.47	124.32	715.05	39694.09
Nov 14, 10:00 AM	4.51	118.44	715.16	39368.29
Nov 14, 11:00 AM	4.46	135.73	715.03	39710.62
Nov 14, 12:00 PM	4.48	129.69	714.97	37497.01
Nov 14, 1:00 PM	4.52	134.45	715.14	39750.32
Nov 14, 2:00 PM	4.74	181.49	715.16	39107.54
Nov 14, 3:00 PM	4.70	133.92	715.26	38115.16
Nov 14, 4:00 PM	4.59	129.51	715.02	38706.42
Nov 14, 5:00 PM	4.63	115.95	715.06	37288.36

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 14, 6:00 PM	4.62	118.08	715.17	37391.83
Nov 14, 7:00 PM	4.67	135.55	715.22	37100.54
Nov 14, 8:00 PM	4.62	129.75	715.20	37731.88
Nov 14, 9:00 PM	4.58	126.63	715.12	38051.30
Nov 14, 10:00 PM	4.55	138.04	715.10	36965.99
Nov 14, 11:00 PM	4.62	123.50	715.14	36398.82
Nov 15, 12:00 AM	4.71	124.03	715.15	36283.42
Nov 15, 1:00 AM	4.69	118.51	715.30	36297.66
Nov 15, 2:00 AM	4.64	115.26	715.24	34840.83
Nov 15, 3:00 AM	4.59	116.50	715.26	33327.17
Nov 15, 4:00 AM	4.57	114.00	715.15	33368.24
Nov 15, 5:00 AM	4.57	120.26	715.16	34722.63
Nov 15, 6:00 AM	4.65	104.97	715.11	33507.00
Nov 15, 7:00 AM	4.71	106.30	715.17	33120.11
Nov 15, 8:00 AM	4.70	115.61	715.14	33265.78
Nov 15, 9:00 AM	4.70	119.03	715.22	34189.25
Nov 15, 10:00 AM	4.67	112.61	715.26	33344.13
Nov 15, 11:00 AM	4.60	136.12	715.05	33113.22
Nov 15, 12:00 PM	4.59	130.22	715.16	33262.81
Nov 15, 1:00 PM	4.58	123.80	714.92	33736.28
Nov 15, 2:00 PM	4.45	132.16	715.14	33688.63
Nov 15, 3:00 PM	4.46	132.40	715.09	34434.36
Nov 15, 4:00 PM	4.49	134.90	714.90	34410.52
Nov 15, 5:00 PM	4.48	129.60	715.08	34695.57
Nov 15, 6:00 PM	4.47	129.36	715.08	34834.14
Nov 15, 7:00 PM	4.52	132.74	715.01	34186.36
Nov 15, 8:00 PM	4.55	142.72	714.96	33844.07
Nov 15, 9:00 PM	4.53	131.33	715.08	34401.64
Nov 15, 10:00 PM	4.55	134.88	714.91	35039.04
Nov 15, 11:00 PM	4.58	133.36	715.03	33355.43
Nov 16, 12:00 AM	4.60	143.63	715.08	33770.68
Nov 16, 1:00 AM	4.60	137.75	714.98	32714.45
Nov 16, 2:00 AM	4.58	131.41	715.01	32984.46
Nov 16, 3:00 AM	4.56	130.31	715.12	32553.55
Nov 16, 4:00 AM	4.53	129.45	715.09	32933.29
Nov 16, 5:00 AM	4.56	132.42	715.04	33970.35
Nov 16, 6:00 AM	4.58	133.36	714.88	33666.28
Nov 16, 7:00 AM	4.60	126.16	715.07	33656.16
Nov 16, 8:00 AM	4.66	136.40	715.02	33326.67
Nov 16, 9:00 AM	4.68	137.63	715.01	33871.60
Nov 16, 10:00 AM	4.60	137.02	714.98	33076.08
Nov 16, 11:00 AM	4.57	188.88	714.99	33032.89
Nov 16, 12:00 PM	4.53	150.23	715.05	33658.14

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 16, 1:00 PM	4.57	153.01	714.91	33975.80
Nov 16, 2:00 PM	4.59	147.67	715.05	34388.71
Nov 16, 3:00 PM	4.60	144.49	715.07	33215.04
Nov 16, 4:00 PM	4.72	148.05	715.03	33808.27
Nov 16, 5:00 PM	4.67	136.86	715.21	35018.12
Nov 16, 6:00 PM	4.64	138.30	715.19	34755.00
Nov 16, 7:00 PM	4.62	149.18	715.25	35141.50
Nov 16, 8:00 PM	4.61	148.43	715.01	36403.19
Nov 16, 9:00 PM	4.60	165.33	715.06	35820.80
Nov 16, 10:00 PM	4.61	133.06	715.07	36674.79
Nov 16, 11:00 PM	4.61	129.03	715.01	36907.21
Nov 17, 12:00 AM	4.63	137.17	715.03	34146.00
Nov 17, 1:00 AM	4.60	151.20	715.01	34954.05
Nov 17, 2:00 AM	4.62	133.60	714.98	34115.45
Nov 17, 3:00 AM	4.60	148.40	715.01	34004.48
Nov 17, 4:00 AM	4.63	132.66	715.03	33274.82
Nov 17, 5:00 AM	4.62	133.83	714.93	33714.99
Nov 17, 6:00 AM	4.61	127.29	715.04	33403.49
Nov 17, 7:00 AM	4.63	124.89	715.03	33688.32
Nov 17, 8:00 AM	4.59	136.91	715.06	34191.40
Nov 17, 9:00 AM	4.54	136.43	715.10	35001.57
Nov 17, 10:00 AM	4.55	161.59	715.08	35692.66
Nov 17, 11:00 AM	4.51	155.18	714.99	35900.26
Nov 17, 12:00 PM	4.53	147.81	715.03	35086.84
Nov 17, 1:00 PM	4.55	144.57	715.02	33323.96
Nov 17, 2:00 PM	4.55	151.19	715.17	32901.71
Nov 17, 3:00 PM	4.60	127.08	715.12	32988.57
Nov 17, 4:00 PM	4.57	134.25	715.04	32899.57
Nov 17, 5:00 PM	4.55	112.02	715.06	33088.64
Nov 17, 6:00 PM	4.56	123.34	715.04	32870.24
Nov 17, 7:00 PM	4.59	126.37	714.99	31690.96
Nov 17, 8:00 PM	4.65	139.49	715.05	32096.73
Nov 17, 9:00 PM	4.62	131.65	715.19	33015.55
Nov 17, 10:00 PM	4.63	134.94	715.11	33065.05
Nov 17, 11:00 PM	4.65	122.93	715.23	32741.47
Nov 18, 12:00 AM	4.66	128.40	715.16	32694.32
Nov 18, 1:00 AM	4.63	133.78	715.12	32025.25
Nov 18, 2:00 AM	4.55	103.66	715.11	33300.98
Nov 18, 3:00 AM	4.65	105.00	715.10	33209.48
Nov 18, 4:00 AM	4.60	119.50	715.10	32855.82
Nov 18, 5:00 AM	4.53	122.14	715.14	32979.20
Nov 18, 6:00 AM	4.51	111.42	715.10	33498.61
Nov 18, 7:00 AM	4.50	98.31	714.99	33360.66

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 18, 8:00 AM	4.49	117.19	715.09	33474.97
Nov 18, 9:00 AM	4.55	125.38	715.01	33534.68
Nov 18, 10:00 AM	4.53	129.76	715.00	33700.91
Nov 18, 11:00 AM	4.52	155.30	715.16	32964.78
Nov 18, 12:00 PM	4.54	145.66	715.17	34476.12
Nov 18, 1:00 PM	4.47	137.18	715.22	35423.26
Nov 18, 2:00 PM	4.47	147.29	715.13	34672.68
Nov 18, 3:00 PM	4.52	121.16	715.21	35116.21
Nov 18, 4:00 PM	4.56	117.81	715.15	34604.89
Nov 18, 5:00 PM	4.60	110.06	715.33	35838.64
Nov 18, 6:00 PM	4.61	121.63	715.31	35503.59
Nov 18, 7:00 PM	4.61	126.87	715.34	35987.43
Nov 18, 8:00 PM	4.60	130.16	715.32	36714.21
Nov 18, 9:00 PM	4.59	128.87	715.19	36595.46
Nov 18, 10:00 PM	4.56	139.82	715.32	35569.00
Nov 18, 11:00 PM	4.58	125.29	715.24	36237.19
Nov 19, 12:00 AM	4.55	123.17	715.17	37619.79
Nov 19, 1:00 AM	4.51	131.75	715.14	38013.95
Nov 19, 2:00 AM	4.49	132.53	715.02	37643.25
Nov 19, 3:00 AM	4.48	128.16	715.13	37731.58
Nov 19, 4:00 AM	4.47	129.63	715.10	37906.80
Nov 19, 5:00 AM	4.47	133.93	715.06	38647.04
Nov 19, 6:00 AM	4.44	143.65	715.13	37384.38
Nov 19, 7:00 AM	4.34	136.26	715.04	37463.06
Nov 19, 8:00 AM	4.32	135.53	715.18	37626.44
Nov 19, 9:00 AM	4.24	135.84	715.18	37019.70
Nov 19, 10:00 AM	4.20	152.16	715.02	36769.30
Nov 19, 11:00 AM	4.26	158.41	715.01	37211.00
Nov 19, 12:00 PM	4.34	147.81	714.98	38331.85
Nov 19, 1:00 PM	4.36	140.08	714.96	37758.66
Nov 19, 2:00 PM	4.36	136.40	714.97	36580.57
Nov 19, 3:00 PM	4.33	127.14	714.94	36926.05
Nov 19, 4:00 PM	4.25	123.39	714.99	36275.25
Nov 19, 5:00 PM	4.24	130.53	715.13	36474.02
Nov 19, 6:00 PM	4.35	127.44	714.98	36764.67
Nov 19, 7:00 PM	4.40	127.16	715.11	36970.87
Nov 19, 8:00 PM	4.19	119.26	715.01	35762.25
Nov 19, 9:00 PM	4.19	128.91	715.02	33729.34
Nov 19, 10:00 PM	4.22	134.22	715.20	34059.96
Nov 19, 11:00 PM	4.26	132.03	714.96	32739.85
Nov 20, 12:00 AM	4.27	131.89	715.05	33114.45
Nov 20, 1:00 AM	4.36	135.37	715.11	32542.93
Nov 20, 2:00 AM	4.34	131.16	715.04	32368.49

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 20, 3:00 AM	4.36	136.75	715.06	32340.50
Nov 20, 4:00 AM	4.35	137.28	714.98	32743.34
Nov 20, 5:00 AM	4.40	120.55	714.91	31886.75
Nov 20, 6:00 AM	4.41	118.66	714.89	32034.74
Nov 20, 7:00 AM	4.34	129.96	714.91	32726.35
Nov 20, 8:00 AM	4.45	125.73	714.96	33413.22
Nov 20, 9:00 AM	4.46	141.27	715.18	34601.57
Nov 20, 10:00 AM	4.48	138.70	715.25	35856.11
Nov 20, 11:00 AM	4.41	165.14	715.24	36462.19
Nov 20, 12:00 PM	4.34	163.99	715.25	34636.14
Nov 20, 1:00 PM	4.32	144.76	714.94	34619.23
Nov 20, 2:00 PM	4.28	115.93	715.02	34550.92
Nov 20, 3:00 PM	4.32	99.09	714.92	32283.58
Nov 20, 4:00 PM	4.37	99.38	714.77	32713.87
Nov 20, 5:00 PM	4.44	97.71	714.91	33043.77
Nov 20, 6:00 PM	4.46	96.12	714.84	32436.02
Nov 20, 7:00 PM	4.55	94.54	714.93	33381.05
Nov 20, 8:00 PM	4.60	93.92	714.87	33139.14
Nov 20, 9:00 PM	4.56	93.66	715.04	33053.73
Nov 20, 10:00 PM	4.56	93.27	715.08	32726.08
Nov 20, 11:00 PM	4.57	93.77	715.09	32412.47
Nov 21, 12:00 AM	4.61	105.72	715.15	33451.70
Nov 21, 1:00 AM	4.60	115.98	715.08	32992.02
Nov 21, 2:00 AM	4.57	119.66	715.25	32352.73
Nov 21, 3:00 AM	4.55	123.31	715.18	32946.32
Nov 21, 4:00 AM	4.57	117.62	715.20	33377.62
Nov 21, 5:00 AM	4.57	113.92	715.06	32711.69
Nov 21, 6:00 AM	4.58	110.10	715.17	33542.17
Nov 21, 7:00 AM	4.61	106.21	715.18	32819.40
Nov 21, 8:00 AM	4.63	103.31	715.09	33254.36
Nov 21, 9:00 AM	4.61	108.55	715.14	33302.66
Nov 21, 10:00 AM	4.59	116.90	715.17	32540.54
Nov 21, 11:00 AM	4.61	122.11	715.18	32993.81
Nov 21, 12:00 PM	4.58	122.70	715.16	32560.10
Nov 21, 1:00 PM	4.53	123.85	715.20	32327.99
Nov 21, 2:00 PM	4.51	112.97	715.21	33819.26
Nov 21, 3:00 PM	4.55	96.77	715.25	35182.34
Nov 21, 4:00 PM	4.49	96.43	715.26	35272.45
Nov 21, 5:00 PM	4.54	96.48	715.10	34465.86
Nov 21, 6:00 PM	4.59	94.85	715.19	35428.58
Nov 21, 7:00 PM	4.57	95.92	715.31	34697.11
Nov 21, 8:00 PM	4.58	96.50	715.17	33915.23
Nov 21, 9:00 PM	4.56	94.36	715.15	34326.90



## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 21, 10:00 PM	4.46	86.03	715.27	33619.03
Nov 21, 11:00 PM	4.43	98.06	715.16	33794.28
Nov 22, 12:00 AM	4.39	102.79	715.00	33766.58
Nov 22, 1:00 AM	4.43	109.29	715.11	33692.27
Nov 22, 2:00 AM	4.37	110.49	715.00	33499.96
Nov 22, 3:00 AM	4.33	111.78	714.97	34021.30
Nov 22, 4:00 AM	4.30	107.38	714.96	35124.46
Nov 22, 5:00 AM	4.23	111.60	714.97	34843.78
Nov 22, 6:00 AM	4.30	124.57	714.80	34704.66
Nov 22, 7:00 AM	4.27	127.17	714.92	34268.36
Nov 22, 8:00 AM	4.26	123.35	714.94	33739.28
Nov 22, 9:00 AM	4.24	124.92	714.88	34171.49
Nov 22, 10:00 AM	4.19	119.69	714.84	35084.10
Nov 22, 11:00 AM	4.13	127.73	714.82	34882.18
Nov 22, 12:00 PM	4.12	152.68	714.80	34552.20
Nov 22, 1:00 PM	4.13	190.11	714.71	35386.07
Nov 22, 2:00 PM	4.10	191.23	714.82	35705.23
Nov 22, 3:00 PM	4.07	182.87	714.85	35452.95
Nov 22, 4:00 PM	4.13	161.86	714.65	35387.02
Nov 22, 5:00 PM	4.23	162.29	714.74	35377.30
Nov 22, 6:00 PM	4.17	170.89	714.80	34536.70
Nov 22, 7:00 PM	4.18	167.88	714.76	35857.56
Nov 22, 8:00 PM	4.16	169.15	714.75	34515.28
Nov 22, 9:00 PM	4.21	151.59	714.76	34451.22
Nov 22, 10:00 PM	4.16	105.61	714.73	35088.21
Nov 22, 11:00 PM	4.15	137.41	714.79	34485.70
Nov 23, 12:00 AM	4.20	178.31	714.73	34470.38
Nov 23, 1:00 AM	4.24	181.57	714.77	33926.01
Nov 23, 2:00 AM	4.18	175.73	714.79	34144.85
Nov 23, 3:00 AM	4.23	187.41	714.79	34533.74
Nov 23, 4:00 AM	4.38	189.89	714.80	34679.43
Nov 23, 5:00 AM	4.31	161.01	714.79	34537.39
Nov 23, 6:00 AM	4.34	134.86	714.72	35199.17
Nov 23, 7:00 AM	4.39	147.69	714.84	35344.48
Nov 23, 8:00 AM	4.43	193.43	714.93	34001.14
Nov 23, 9:00 AM	4.36	208.84	714.89	34487.77
Nov 23, 10:00 AM	4.33	202.45	714.93	34282.78
Nov 23, 11:00 AM	4.33	199.70	714.85	34289.05
Nov 23, 12:00 PM	4.35	205.46	714.82	33459.44
Nov 23, 1:00 PM	4.36	207.00	714.89	34032.03
Nov 23, 2:00 PM	4.37	200.37	714.84	33175.11
Nov 23, 3:00 PM	4.46	197.20	714.92	34005.70
Nov 23, 4:00 PM	4.48	194.68	714.99	33061.21

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 23, 5:00 PM	4.52	164.79	714.96	33004.86
Nov 23, 6:00 PM	4.47	150.69	715.02	32444.54
Nov 23, 7:00 PM	4.41	190.13	714.94	33566.98
Nov 23, 8:00 PM	4.45	182.68	715.14	33032.40
Nov 23, 9:00 PM	4.38	142.20	715.05	33353.33
Nov 23, 10:00 PM	4.28	111.03	714.96	34130.29
Nov 23, 11:00 PM	4.22	146.71	715.18	34140.98
Nov 24, 12:00 AM	4.20	176.93	715.07	34474.72
Nov 24, 1:00 AM	4.19	175.42	715.08	33392.23
Nov 24, 2:00 AM	4.16	170.66	715.11	33596.25
Nov 24, 3:00 AM	4.24	194.74	715.09	33922.23
Nov 24, 4:00 AM	4.30	202.55	715.13	33991.65
Nov 24, 5:00 AM	4.37	213.25	715.17	32897.59
Nov 24, 6:00 AM	4.41	192.87	715.06	32541.90
Nov 24, 7:00 AM	4.43	200.70	715.15	32706.96
Nov 24, 8:00 AM	4.34	215.93	715.12	32226.95
Nov 24, 9:00 AM	4.09	192.43	715.05	31973.50
Nov 24, 10:00 AM	3.86	195.83	715.07	33106.42
Nov 24, 11:00 AM	3.68	214.47	715.25	33056.78
Nov 24, 12:00 PM	3.62	211.42	715.26	33020.10
Nov 24, 1:00 PM	3.56	219.54	715.22	34337.59
Nov 24, 2:00 PM	3.50	209.30	715.44	33802.73
Nov 24, 3:00 PM	3.76	130.96	715.31	34039.81
Nov 24, 4:00 PM	4.54	103.84	715.29	34228.85
Nov 24, 5:00 PM	4.76	104.27	715.69	36320.71
Nov 24, 6:00 PM	4.83	103.89	715.21	35870.89
Nov 24, 7:00 PM	4.87	105.22	715.38	37531.91
Nov 24, 8:00 PM	4.81	106.75	715.39	37363.89
Nov 24, 9:00 PM	4.79	106.04	715.22	37861.70
Nov 24, 10:00 PM	4.82	108.66	715.25	39699.46
Nov 24, 11:00 PM	4.80	108.47	715.23	37954.92
Nov 25, 12:00 AM	4.77	110.95	715.19	37343.13
Nov 25, 1:00 AM	4.75	111.34	715.32	36877.20
Nov 25, 2:00 AM	4.66	105.73	715.30	37820.93
Nov 25, 3:00 AM	4.63	107.26	715.23	38085.22
Nov 25, 4:00 AM	4.60	103.36	715.27	38708.52
Nov 25, 5:00 AM	4.54	102.43	715.35	38707.60
Nov 25, 6:00 AM	4.48	103.85	715.25	39042.17
Nov 25, 7:00 AM	4.39	105.56	715.15	38504.51
Nov 25, 8:00 AM	4.27	103.89	715.00	38930.59
Nov 25, 9:00 AM	4.28	107.06	715.15	39308.76
Nov 25, 10:00 AM	4.22	111.69	715.20	37824.41
Nov 25, 11:00 AM	4.13	114.73	715.16	37209.86

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 25, 12:00 PM	4.04	112.22	715.18	35940.36
Nov 25, 1:00 PM	3.96	112.52	715.11	36932.05
Nov 25, 2:00 PM	3.97	111.65	715.02	38756.02
Nov 25, 3:00 PM	3.98	113.47	715.06	37840.73
Nov 25, 4:00 PM	4.07	113.81	715.12	37893.50
Nov 25, 5:00 PM	4.01	117.22	715.07	37722.22
Nov 25, 6:00 PM	3.99	118.55	715.01	37658.58
Nov 25, 7:00 PM	4.01	117.20	715.03	37866.81
Nov 25, 8:00 PM	4.09	115.94	715.03	34835.07
Nov 25, 9:00 PM	4.15	116.30	714.94	33119.10
Nov 25, 10:00 PM	4.07	116.63	715.24	32216.23
Nov 25, 11:00 PM	4.03	118.90	715.21	32815.49
Nov 26, 12:00 AM	4.11	115.68	715.13	33109.77
Nov 26, 1:00 AM	4.14	111.69	715.12	32440.46
Nov 26, 2:00 AM	4.10	113.59	715.16	32983.72
Nov 26, 3:00 AM	4.01	115.66	715.06	32777.94
Nov 26, 4:00 AM	4.02	115.71	714.94	32860.50
Nov 26, 5:00 AM	4.04	113.26	715.08	33121.62
Nov 26, 6:00 AM	4.12	109.92	715.01	32587.83
Nov 26, 7:00 AM	4.10	111.42	715.15	33052.23
Nov 26, 8:00 AM	4.10	110.91	715.04	33220.34
Nov 26, 9:00 AM	4.13	110.03	715.03	33144.56
Nov 26, 10:00 AM	6.83	173.13	715.08	36400.08
Nov 26, 11:00 AM	18.99	217.43	669.29	54685.95
Nov 26, 12:00 PM	13.78	1103.71	250.22	21357.15
Nov 26, 1:00 PM	10.06	1777.84	577.77	26783.66
Nov 26, 2:00 PM	9.29	3397.18	676.20	27067.44
Nov 26, 3:00 PM	6.72	3114.34	715.84	34633.08
Nov 26, 4:00 PM	5.64	3159.49	714.19	33987.76
Nov 26, 5:00 PM	5.03	4757.89	716.02	37193.06
Nov 26, 6:00 PM	3.86	5834.38	716.20	36995.86
Nov 26, 7:00 PM	4.37	5109.95	716.02	35550.52
Nov 26, 8:00 PM	4.95	7343.46	714.86	30688.01
Nov 26, 9:00 PM	4.80	6332.06	714.95	33159.98
Nov 26, 10:00 PM	3.90	5250.04	714.48	59590.49
Nov 26, 11:00 PM	2.34	5063.15	656.23	75915.24
Nov 27, 12:00 AM	2.22	4592.56	683.57	73716.00
Nov 27, 1:00 AM	5.08	4384.41	710.90	62787.81
Nov 27, 2:00 AM	6.59	1442.23	712.47	31183.32
Nov 27, 3:00 AM	6.49	190.60	716.64	32832.82
Nov 27, 4:00 AM	6.43	193.65	716.77	33458.13
Nov 27, 5:00 AM	6.61	202.41	716.62	32529.74
Nov 27, 6:00 AM	6.65	188.48	716.67	33437.13

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 27, 7:00 AM	6.45	182.24	716.69	32463.75
Nov 27, 8:00 AM	6.21	175.27	716.76	32483.89
Nov 27, 9:00 AM	5.96	166.32	716.81	34499.54
Nov 27, 10:00 AM	5.75	183.05	716.72	32980.02
Nov 27, 11:00 AM	5.48	189.77	716.80	31863.35
Nov 27, 12:00 PM	5.12	184.10	716.56	32193.63
Nov 27, 1:00 PM	5.02	176.30	716.57	32145.75
Nov 27, 2:00 PM	4.94	165.78	716.66	32483.02
Nov 27, 3:00 PM	4.95	152.30	716.50	32023.17
Nov 27, 4:00 PM	4.88	166.92	716.62	33479.75
Nov 27, 5:00 PM	4.88	178.23	716.65	33767.22
Nov 27, 6:00 PM	4.79	179.24	716.74	33851.34
Nov 27, 7:00 PM	5.29	175.38	716.65	34406.08
Nov 27, 8:00 PM	5.42	164.57	717.07	35677.93
Nov 27, 9:00 PM	4.69	165.34	716.91	35935.98
Nov 27, 10:00 PM	4.48	178.47	716.87	37343.39
Nov 27, 11:00 PM	4.43	176.10	716.35	37465.27
Nov 28, 12:00 AM	4.37	182.46	716.38	37600.05
Nov 28, 1:00 AM	4.37	172.70	716.45	37993.50
Nov 28, 2:00 AM	4.33	164.46	716.41	37225.06
Nov 28, 3:00 AM	4.34	159.66	716.35	34703.71
Nov 28, 4:00 AM	4.34	161.18	716.26	34567.71
Nov 28, 5:00 AM	4.36	150.33	716.49	36517.64
Nov 28, 6:00 AM	4.29	143.15	716.39	35031.11
Nov 28, 7:00 AM	4.31	141.38	716.29	34103.88
Nov 28, 8:00 AM	4.28	146.26	716.28	35072.77
Nov 28, 9:00 AM	4.11	143.25	716.16	35547.24
Nov 28, 10:00 AM	4.04	141.13	716.19	35230.42
Nov 28, 11:00 AM	4.06	174.72	716.06	34216.72
Nov 28, 12:00 PM	4.09	166.84	716.03	34973.95
Nov 28, 1:00 PM	4.17	147.41	715.99	34853.79
Nov 28, 2:00 PM	4.22	146.04	715.86	34032.69
Nov 28, 3:00 PM	4.26	148.93	716.12	33884.35
Nov 28, 4:00 PM	4.32	153.29	716.05	33404.11
Nov 28, 5:00 PM	4.33	149.89	716.09	32943.85
Nov 28, 6:00 PM	4.34	147.69	716.09	32768.76
Nov 28, 7:00 PM	4.39	145.49	716.07	32910.69
Nov 28, 8:00 PM	4.35	137.15	716.08	33316.21
Nov 28, 9:00 PM	4.31	137.05	716.15	33382.41
Nov 28, 10:00 PM	4.34	136.19	716.29	33771.63
Nov 28, 11:00 PM	4.32	130.38	716.08	33060.52
Nov 29, 12:00 AM	4.36	131.41	716.14	33474.25
Nov 29, 1:00 AM	4.41	141.15	716.19	33169.50

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 29, 2:00 AM	4.45	134.01	716.21	32846.56
Nov 29, 3:00 AM	4.43	128.54	716.24	33796.00
Nov 29, 4:00 AM	4.42	131.92	716.26	33230.27
Nov 29, 5:00 AM	4.39	128.56	716.21	33194.34
Nov 29, 6:00 AM	4.39	129.76	716.25	33265.43
Nov 29, 7:00 AM	4.42	132.37	716.30	32161.81
Nov 29, 8:00 AM	4.40	124.35	716.33	32619.48
Nov 29, 9:00 AM	4.35	129.92	716.27	33156.73
Nov 29, 10:00 AM	4.30	143.16	716.41	32538.41
Nov 29, 11:00 AM	4.27	151.53	716.34	33430.46
Nov 29, 12:00 PM	4.23	138.82	716.18	32944.27
Nov 29, 1:00 PM	4.23	122.14	716.25	33260.70
Nov 29, 2:00 PM	4.22	128.65	716.22	32916.37
Nov 29, 3:00 PM	4.30	161.12	716.29	32598.90
Nov 29, 4:00 PM	4.27	141.28	716.19	32683.25
Nov 29, 5:00 PM	4.37	83.43	716.18	33085.39
Nov 29, 6:00 PM	4.35	74.77	716.20	32678.78
Nov 29, 7:00 PM	4.41	76.05	716.21	33826.65
Nov 29, 8:00 PM	4.36	76.53	716.23	33711.82
Nov 29, 9:00 PM	4.34	75.45	716.21	33815.65
Nov 29, 10:00 PM	4.38	77.70	716.26	33334.59
Nov 29, 11:00 PM	4.38	77.84	716.16	33285.91
Nov 30, 12:00 AM	4.40	75.51	716.08	33063.06
Nov 30, 1:00 AM	4.43	77.39	716.11	33530.35
Nov 30, 2:00 AM	4.46	77.64	716.19	33295.29
Nov 30, 3:00 AM	4.42	76.79	716.17	33273.82
Nov 30, 4:00 AM	4.42	78.83	716.25	33398.24
Nov 30, 5:00 AM	4.43	79.93	716.18	33326.49
Nov 30, 6:00 AM	4.42	78.32	716.33	33362.88
Nov 30, 7:00 AM	4.41	78.52	716.25	33768.59
Nov 30, 8:00 AM	4.44	80.52	716.17	32769.58
Nov 30, 9:00 AM	4.46	85.17	716.15	33331.26
Nov 30, 10:00 AM	4.44	86.19	716.21	32983.96
Nov 30, 11:00 AM	4.44	85.73	716.24	33244.58
Nov 30, 12:00 PM	4.40	85.02	716.18	33575.40
Nov 30, 1:00 PM	4.40	86.14	716.11	33107.02
Nov 30, 2:00 PM	4.42	86.96	716.09	33002.59
Nov 30, 3:00 PM	4.39	86.42	716.25	32945.09
Nov 30, 4:00 PM	4.42	86.26	716.02	32660.23
Nov 30, 5:00 PM	4.44	86.64	716.13	32739.53
Nov 30, 6:00 PM	4.45	86.43	716.15	32919.98
Nov 30, 7:00 PM	4.48	89.90	716.22	33399.90
Nov 30, 8:00 PM	4.36	91.12	716.23	34439.24

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Nov 30, 9:00 PM	4.38	91.79	716.17	32876.75
Nov 30, 10:00 PM	4.41	92.61	716.28	33242.90
Nov 30, 11:00 PM	4.45	91.65	716.30	32883.17
Dec 1, 12:00 AM	4.44	90.77	716.20	34367.60
Dec 1, 1:00 AM	4.43	92.37	716.26	32692.95
Dec 1, 2:00 AM	4.47	91.76	716.25	32829.01
Dec 1, 3:00 AM	4.49	91.05	716.26	33113.42
Dec 1, 4:00 AM	4.45	92.18	716.18	33834.05
Dec 1, 5:00 AM	4.42	93.31	716.25	32715.61
Dec 1, 6:00 AM	4.42	92.93	716.23	33768.79
Dec 1, 7:00 AM	4.42	93.77	716.18	34088.53
Dec 1, 8:00 AM	4.39	96.15	716.26	32364.60
Dec 1, 9:00 AM	4.40	99.49	716.22	33650.70
Dec 1, 10:00 AM	4.34	107.64	716.11	33413.84
Dec 1, 11:00 AM	4.25	113.47	716.41	32981.13
Dec 1, 12:00 PM	4.24	115.21	716.16	32551.23
Dec 1, 1:00 PM	4.27	120.81	716.22	32715.96
Dec 1, 2:00 PM	4.28	119.87	716.19	33326.11
Dec 1, 3:00 PM	4.29	119.05	716.11	33410.49
Dec 1, 4:00 PM	4.29	120.26	716.21	33148.64
Dec 1, 5:00 PM	4.34	119.31	716.13	33188.46
Dec 1, 6:00 PM	4.35	117.65	716.05	32789.88
Dec 1, 7:00 PM	4.41	117.40	716.20	33781.29
Dec 1, 8:00 PM	4.36	117.16	716.31	33211.61
Dec 1, 9:00 PM	4.31	117.18	716.37	33723.77
Dec 1, 10:00 PM	4.35	115.99	716.27	34557.01
Dec 1, 11:00 PM	4.44	130.85	716.22	33800.20
Dec 2, 12:00 AM	4.41	132.81	716.28	33785.06
Dec 2, 1:00 AM	4.36	127.72	716.21	33118.95
Dec 2, 2:00 AM	4.41	122.10	716.16	34019.02
Dec 2, 3:00 AM	4.45	119.32	716.05	33774.38
Dec 2, 4:00 AM	4.46	113.93	716.29	33544.09
Dec 2, 5:00 AM	4.38	109.93	716.33	33124.03
Dec 2, 6:00 AM	4.48	109.15	716.21	33498.69
Dec 2, 7:00 AM	4.38	111.28	716.18	32942.94
Dec 2, 8:00 AM	4.39	109.87	716.18	33769.57
Dec 2, 9:00 AM	4.38	127.80	716.29	33596.54
Dec 2, 10:00 AM	4.32	149.47	716.31	34565.21
Dec 2, 11:00 AM	4.25	117.57	716.26	33897.34
Dec 2, 12:00 PM	4.25	116.54	716.20	33992.57
Dec 2, 1:00 PM	4.15	119.33	716.39	33900.29
Dec 2, 2:00 PM	4.16	118.18	716.29	34273.58
Dec 2, 3:00 PM	4.24	114.50	716.29	34074.87

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 2, 4:00 PM	4.29	112.43	716.11	33587.90
Dec 2, 5:00 PM	4.34	111.89	716.10	33963.55
Dec 2, 6:00 PM	4.33	111.35	716.08	32849.73
Dec 2, 7:00 PM	4.41	110.29	716.18	34043.49
Dec 2, 8:00 PM	4.35	109.60	716.20	34331.12
Dec 2, 9:00 PM	4.37	108.02	716.14	33818.23
Dec 2, 10:00 PM	4.39	107.24	716.13	33891.56
Dec 2, 11:00 PM	4.41	106.41	716.21	33796.94
Dec 3, 12:00 AM	4.43	104.79	716.11	33341.96
Dec 3, 1:00 AM	4.42	106.46	716.22	34479.80
Dec 3, 2:00 AM	4.40	102.69	716.26	34327.72
Dec 3, 3:00 AM	4.39	98.39	716.27	34361.48
Dec 3, 4:00 AM	4.37	95.61	716.27	34299.02
Dec 3, 5:00 AM	4.38	98.71	716.40	35189.04
Dec 3, 6:00 AM	4.40	97.56	716.33	34699.38
Dec 3, 7:00 AM	4.33	99.63	716.30	33937.08
Dec 3, 8:00 AM	4.38	100.87	716.29	34376.16
Dec 3, 9:00 AM	4.34	148.69	716.33	33780.39
Dec 3, 10:00 AM	4.36	171.19	716.45	34150.96
Dec 3, 11:00 AM	4.32	175.56	716.37	33122.93
Dec 3, 12:00 PM	4.35	175.19	716.24	32947.06
Dec 3, 1:00 PM	4.48	173.81	716.27	33080.21
Dec 3, 2:00 PM	4.52	161.44	716.35	33615.23
Dec 3, 3:00 PM	4.57	150.47	716.35	33293.77
Dec 3, 4:00 PM	4.52	149.39	716.28	33655.75
Dec 3, 5:00 PM	4.51	152.67	716.35	33526.14
Dec 3, 6:00 PM	4.53	170.83	716.14	33246.70
Dec 3, 7:00 PM	4.52	177.18	716.22	33366.89
Dec 3, 8:00 PM	4.51	172.94	716.19	33271.79
Dec 3, 9:00 PM	4.50	166.66	716.25	33287.31
Dec 3, 10:00 PM	4.49	163.45	716.27	33246.90
Dec 3, 11:00 PM	4.50	170.32	716.25	33279.29
Dec 4, 12:00 AM	4.53	161.84	716.34	32723.88
Dec 4, 1:00 AM	4.54	167.39	716.33	32968.88
Dec 4, 2:00 AM	4.52	166.86	716.42	32873.23
Dec 4, 3:00 AM	4.56	176.37	716.43	33170.01
Dec 4, 4:00 AM	4.61	176.10	716.29	33848.60
Dec 4, 5:00 AM	4.56	175.10	716.25	33652.25
Dec 4, 6:00 AM	4.55	172.83	716.21	35073.53
Dec 4, 7:00 AM	4.56	179.68	716.29	33394.44
Dec 4, 8:00 AM	4.56	172.70	716.26	33552.96
Dec 4, 9:00 AM	4.51	161.02	716.08	34887.28
Dec 4, 10:00 AM	4.47	109.42	716.22	34296.29

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 4, 11:00 AM	4.48	106.32	716.21	34449.60
Dec 4, 12:00 PM	4.46	120.00	716.20	33907.68
Dec 4, 1:00 PM	4.48	117.95	716.29	33208.29
Dec 4, 2:00 PM	4.43	125.34	716.30	33242.55
Dec 4, 3:00 PM	4.43	129.02	716.30	32497.27
Dec 4, 4:00 PM	4.44	131.63	716.21	32648.87
Dec 4, 5:00 PM	4.40	129.26	716.37	32606.03
Dec 4, 6:00 PM	4.41	123.21	716.31	32919.88
Dec 4, 7:00 PM	4.40	115.92	716.24	32867.00
Dec 4, 8:00 PM	4.44	146.98	716.28	32181.21
Dec 4, 9:00 PM	4.44	135.98	716.27	32697.65
Dec 4, 10:00 PM	4.46	135.38	716.36	32842.62
Dec 4, 11:00 PM	4.39	136.44	716.26	31922.69
Dec 5, 12:00 AM	4.25	100.72	716.21	32388.23
Dec 5, 1:00 AM	4.28	108.41	716.22	33149.45
Dec 5, 2:00 AM	4.31	100.67	716.20	33349.76
Dec 5, 3:00 AM	4.37	95.36	716.11	33761.60
Dec 5, 4:00 AM	4.26	94.80	716.05	34603.73
Dec 5, 5:00 AM	4.31	94.23	715.82	35066.88
Dec 5, 6:00 AM	4.40	100.68	715.77	35271.75
Dec 5, 7:00 AM	4.48	99.82	715.76	36142.95
Dec 5, 8:00 AM	4.57	96.58	715.92	34592.42
Dec 5, 9:00 AM	4.57	100.26	715.97	34260.16
Dec 5, 10:00 AM	4.60	96.39	716.19	33386.96
Dec 5, 11:00 AM	4.50	97.35	716.28	33955.63
Dec 5, 12:00 PM	4.43	100.35	716.11	35409.25
Dec 5, 1:00 PM	4.57	116.98	715.91	35870.42
Dec 5, 2:00 PM	4.55	103.78	715.80	36526.35
Dec 5, 3:00 PM	4.53	96.86	715.87	35725.63
Dec 5, 4:00 PM	4.53	93.83	715.75	36379.76
Dec 5, 5:00 PM	4.54	95.52	715.80	36245.01
Dec 5, 6:00 PM	4.51	92.46	715.81	36340.96
Dec 5, 7:00 PM	4.56	92.03	715.64	37504.53
Dec 5, 8:00 PM	4.58	95.75	715.88	36502.71
Dec 5, 9:00 PM	4.60	81.02	715.81	37765.77
Dec 5, 10:00 PM	4.67	79.93	715.87	35814.06
Dec 5, 11:00 PM	4.66	78.46	715.88	36351.63
Dec 6, 12:00 AM	4.71	81.07	715.78	35920.94
Dec 6, 1:00 AM	4.82	83.05	715.91	36963.27
Dec 6, 2:00 AM	4.79	80.76	715.90	36810.30
Dec 6, 3:00 AM	4.83	81.70	715.89	36659.75
Dec 6, 4:00 AM	4.89	83.12	715.96	37078.22
Dec 6, 5:00 AM	4.93	85.41	716.09	35598.07



## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 6, 6:00 AM	4.96	89.28	716.13	34271.39
Dec 6, 7:00 AM	4.91	91.71	716.20	34736.96
Dec 6, 8:00 AM	4.94	91.18	716.22	34497.30
Dec 6, 9:00 AM	4.87	92.09	716.34	32966.46
Dec 6, 10:00 AM	4.87	95.18	716.32	33564.69
Dec 6, 11:00 AM	4.82	97.01	716.43	32335.71
Dec 6, 12:00 PM	4.73	95.55	716.34	32976.61
Dec 6, 1:00 PM	4.76	97.01	716.32	33413.60
Dec 6, 2:00 PM	4.74	95.57	716.27	33701.42
Dec 6, 3:00 PM	4.76	88.54	716.20	34399.03
Dec 6, 4:00 PM	4.71	85.97	716.24	33230.50
Dec 6, 5:00 PM	4.77	89.89	716.28	33207.73
Dec 6, 6:00 PM	4.77	88.30	716.17	33769.90
Dec 6, 7:00 PM	4.74	89.53	716.29	34027.48
Dec 6, 8:00 PM	4.78	88.66	716.32	33621.23
Dec 6, 9:00 PM	4.80	87.42	716.24	33724.31
Dec 6, 10:00 PM	4.82	88.06	716.27	33206.98
Dec 6, 11:00 PM	4.84	89.26	716.28	33917.46
Dec 7, 12:00 AM	4.80	90.71	716.31	34006.86
Dec 7, 1:00 AM	4.78	90.90	716.46	33838.93
Dec 7, 2:00 AM	4.80	91.20	716.34	33630.15
Dec 7, 3:00 AM	4.86	86.98	716.23	33974.15
Dec 7, 4:00 AM	4.88	87.38	716.23	33583.54
Dec 7, 5:00 AM	4.87	89.88	716.30	33528.52
Dec 7, 6:00 AM	4.88	88.93	716.34	33541.23
Dec 7, 7:00 AM	4.90	91.22	716.25	33605.64
Dec 7, 8:00 AM	4.89	93.43	716.34	33028.59
Dec 7, 9:00 AM	4.82	90.54	716.24	33333.02
Dec 7, 10:00 AM	4.80	90.26	716.37	34159.66
Dec 7, 11:00 AM	4.74	92.85	716.27	33440.10
Dec 7, 12:00 PM	4.68	92.02	716.28	32978.94
Dec 7, 1:00 PM	4.65	92.60	716.31	32925.93
Dec 7, 2:00 PM	4.52	94.78	716.36	33055.70
Dec 7, 3:00 PM	4.53	106.26	716.31	33524.18
Dec 7, 4:00 PM	4.54	103.21	716.37	33132.39
Dec 7, 5:00 PM	4.52	98.90	716.21	34144.07
Dec 7, 6:00 PM	4.55	96.12	716.29	34458.75
Dec 7, 7:00 PM	4.68	101.39	716.38	32593.12
Dec 7, 8:00 PM	4.57	152.58	716.41	33384.48
Dec 7, 9:00 PM	4.49	150.15	716.34	33254.21
Dec 7, 10:00 PM	4.49	142.18	716.30	32723.54
Dec 7, 11:00 PM	4.48	119.05	716.32	32628.28
Dec 8, 12:00 AM	4.53	113.66	716.35	33419.93

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 8, 1:00 AM	4.51	118.94	716.30	33059.66
Dec 8, 2:00 AM	4.55	116.83	716.29	33834.61
Dec 8, 3:00 AM	4.55	102.05	716.36	33274.75
Dec 8, 4:00 AM	4.56	105.14	716.36	33003.76
Dec 8, 5:00 AM	4.60	96.28	716.24	32790.77
Dec 8, 6:00 AM	4.68	97.05	716.22	33037.12
Dec 8, 7:00 AM	4.62	101.18	716.48	32747.56
Dec 8, 8:00 AM	4.58	99.33	716.35	32795.37
Dec 8, 9:00 AM	4.51	99.39	716.23	32797.26
Dec 8, 10:00 AM	4.49	103.69	716.22	32937.18
Dec 8, 11:00 AM	4.48	130.36	716.30	33330.51
Dec 8, 12:00 PM	4.45	131.49	716.22	33220.02
Dec 8, 1:00 PM	4.47	125.80	716.12	32936.70
Dec 8, 2:00 PM	4.47	132.27	716.20	32272.13
Dec 8, 3:00 PM	4.53	134.38	716.27	33606.50
Dec 8, 4:00 PM	4.57	121.27	716.30	35959.36
Dec 8, 5:00 PM	4.56	104.84	716.32	36846.19
Dec 8, 6:00 PM	4.55	115.07	716.36	37256.44
Dec 8, 7:00 PM	4.53	106.54	716.32	36865.16
Dec 8, 8:00 PM	4.50	123.52	716.28	37639.18
Dec 8, 9:00 PM	4.49	123.73	716.35	38250.67
Dec 8, 10:00 PM	4.48	118.90	716.25	39599.13
Dec 8, 11:00 PM	4.49	116.49	716.20	38333.67
Dec 9, 12:00 AM	4.51	120.03	716.14	38988.43
Dec 9, 1:00 AM	4.51	121.82	716.11	38124.45
Dec 9, 2:00 AM	4.53	122.76	716.10	40451.40
Dec 9, 3:00 AM	4.50	129.56	716.14	38567.22
Dec 9, 4:00 AM	4.49	131.02	716.16	38200.78
Dec 9, 5:00 AM	4.47	126.31	716.26	38481.83
Dec 9, 6:00 AM	4.46	129.99	716.21	38585.60
Dec 9, 7:00 AM	4.45	132.01	716.14	37272.11
Dec 9, 8:00 AM	4.45	122.85	716.20	38636.70
Dec 9, 9:00 AM	4.43	120.63	716.19	39042.44
Dec 9, 10:00 AM	4.40	137.15	716.16	37278.50
Dec 9, 11:00 AM	4.43	139.76	716.20	34572.11
Dec 9, 12:00 PM	4.44	145.50	715.97	32319.01
Dec 9, 1:00 PM	4.48	136.89	716.10	33243.79
Dec 9, 2:00 PM	4.49	130.49	716.16	32468.38
Dec 9, 3:00 PM	4.48	116.27	716.18	32930.17
Dec 9, 4:00 PM	4.42	117.23	716.14	32050.28
Dec 9, 5:00 PM	4.45	116.44	716.23	32563.03
Dec 9, 6:00 PM	4.61	111.51	716.21	32486.36
Dec 9, 7:00 PM	4.63	116.64	716.31	32146.32

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 9, 8:00 PM	4.65	114.48	716.28	32464.38
Dec 9, 9:00 PM	4.67	111.43	716.33	33073.18
Dec 9, 10:00 PM	4.66	105.75	716.34	32519.98
Dec 9, 11:00 PM	4.68	102.01	716.41	32844.61
Dec 10, 12:00 AM	4.69	100.72	716.37	32931.30
Dec 10, 1:00 AM	4.69	101.71	716.51	32432.79
Dec 10, 2:00 AM	4.70	102.34	716.43	33326.16
Dec 10, 3:00 AM	4.70	102.07	716.38	32800.41
Dec 10, 4:00 AM	4.59	102.74	716.41	32333.94
Dec 10, 5:00 AM	4.59	102.85	716.13	33006.89
Dec 10, 6:00 AM	4.55	108.69	716.10	32935.17
Dec 10, 7:00 AM	4.60	108.94	716.14	32719.63
Dec 10, 8:00 AM	4.59	108.24	716.08	32733.96
Dec 10, 9:00 AM	4.61	110.23	716.25	32372.05
Dec 10, 10:00 AM	4.61	118.26	716.15	33035.08
Dec 10, 11:00 AM	4.57	147.16	716.15	32896.26
Dec 10, 12:00 PM	4.56	145.88	716.22	32368.29
Dec 10, 1:00 PM	4.55	110.89	716.15	32630.46
Dec 10, 2:00 PM	4.53	124.81	716.17	32367.01
Dec 10, 3:00 PM	4.55	114.86	716.26	33748.89
Dec 10, 4:00 PM	4.54	106.43	716.19	35089.22
Dec 10, 5:00 PM	4.57	104.17	716.22	35312.95
Dec 10, 6:00 PM	4.51	104.16	716.18	34639.66
Dec 10, 7:00 PM	4.49	104.19	716.21	34925.39
Dec 10, 8:00 PM	4.62	104.02	716.21	33433.23
Dec 10, 9:00 PM	4.67	105.23	716.25	33839.36
Dec 10, 10:00 PM	4.73	135.32	716.34	34218.88
Dec 10, 11:00 PM	4.78	128.04	716.25	33496.89
Dec 11, 12:00 AM	5.45	103.14	716.16	33425.34
Dec 11, 1:00 AM	5.04	102.78	716.59	32754.47
Dec 11, 2:00 AM	5.94	102.81	716.37	31913.95
Dec 11, 3:00 AM	6.29	98.34	716.56	32905.34
Dec 11, 4:00 AM	6.11	94.51	716.37	33306.97
Dec 11, 5:00 AM	6.23	91.03	716.24	32264.47
Dec 11, 6:00 AM	6.50	89.74	716.18	31831.51
Dec 11, 7:00 AM	6.45	89.66	716.29	31847.83
Dec 11, 8:00 AM	6.42	89.39	716.30	32246.83
Dec 11, 9:00 AM	6.46	88.91	716.25	31893.43
Dec 11, 10:00 AM	6.52	90.09	716.31	32066.84
Dec 11, 11:00 AM	6.66	107.25	716.34	31878.14
Dec 11, 12:00 PM	6.69	93.89	716.39	31356.12
Dec 11, 1:00 PM	6.71	90.06	716.25	31664.75
Dec 11, 2:00 PM	6.67	89.90	716.28	32046.44

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 11, 3:00 PM	6.74	89.61	716.23	31753.38
Dec 11, 4:00 PM	6.85	88.75	716.27	31864.03
Dec 11, 5:00 PM	6.92	88.69	716.29	32425.54
Dec 11, 6:00 PM	6.94	87.42	716.40	31615.87
Dec 11, 7:00 PM	7.06	87.08	716.41	32430.66
Dec 11, 8:00 PM	7.04	85.82	716.42	31335.88
Dec 11, 9:00 PM	7.07	85.21	716.54	31225.84
Dec 11, 10:00 PM	7.09	86.74	716.46	31568.29
Dec 11, 11:00 PM	7.03	85.07	716.46	31702.49
Dec 12, 12:00 AM	7.09	84.70	716.37	31542.69
Dec 12, 1:00 AM	7.07	86.63	716.25	31825.81
Dec 12, 2:00 AM	7.14	85.34	716.31	32543.49
Dec 12, 3:00 AM	7.15	84.51	716.25	32977.80
Dec 12, 4:00 AM	7.16	85.04	716.28	32788.24
Dec 12, 5:00 AM	7.19	84.80	716.37	32669.94
Dec 12, 6:00 AM	7.25	83.49	716.29	32953.89
Dec 12, 7:00 AM	7.28	85.67	716.32	33003.98
Dec 12, 8:00 AM	7.28	86.39	716.31	33916.58
Dec 12, 9:00 AM	7.27	89.20	716.38	33049.00
Dec 12, 10:00 AM	6.94	86.89	716.40	33221.48
Dec 12, 11:00 AM	6.89	87.93	716.42	33552.21
Dec 12, 12:00 PM	7.00	87.24	716.38	33068.42
Dec 12, 1:00 PM	6.92	90.13	716.34	33065.46
Dec 12, 2:00 PM	6.91	80.65	716.34	33479.85
Dec 12, 3:00 PM	6.91	77.81	716.27	33024.09
Dec 12, 4:00 PM	6.87	74.14	716.29	33540.70
Dec 12, 5:00 PM	6.91	74.01	716.34	34120.70
Dec 12, 6:00 PM	6.94	73.32	716.46	33765.42
Dec 12, 7:00 PM	6.94	72.73	716.42	33607.18
Dec 12, 8:00 PM	7.04	72.50	716.41	34434.45
Dec 12, 9:00 PM	7.10	71.62	716.39	34417.71
Dec 12, 10:00 PM	7.06	71.56	716.43	34478.44
Dec 12, 11:00 PM	7.06	71.85	716.43	34379.84
Dec 13, 12:00 AM	7.05	71.25	716.45	33837.05
Dec 13, 1:00 AM	7.04	71.77	716.42	33582.55
Dec 13, 2:00 AM	7.09	71.35	716.46	33863.91
Dec 13, 3:00 AM	7.08	72.01	716.54	33785.28
Dec 13, 4:00 AM	7.08	72.01	716.50	33740.58
Dec 13, 5:00 AM	7.10	72.82	716.54	34098.32
Dec 13, 6:00 AM	7.08	74.26	716.47	34779.03
Dec 13, 7:00 AM	7.13	74.62	716.47	33978.54
Dec 13, 8:00 AM	7.18	75.15	716.36	34540.46
Dec 13, 9:00 AM	7.28	95.74	716.48	34841.07

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 13, 10:00 AM	7.26	94.62	716.49	34423.82
Dec 13, 11:00 AM	7.29	78.71	716.46	33599.27
Dec 13, 12:00 PM	6.74	69.80	716.49	33754.26
Dec 13, 1:00 PM	7.34	73.10	716.48	32825.69
Dec 13, 2:00 PM	7.32	81.72	716.54	34002.54
Dec 13, 3:00 PM	7.26	79.04	716.44	33866.38
Dec 13, 4:00 PM	7.19	77.00	716.43	34646.52
Dec 13, 5:00 PM	7.21	75.76	716.50	36196.21
Dec 13, 6:00 PM	7.21	75.21	716.55	35810.59
Dec 13, 7:00 PM	7.19	78.20	716.59	34554.45
Dec 13, 8:00 PM	7.21	77.38	716.55	34794.48
Dec 13, 9:00 PM	7.21	76.26	716.69	36476.36
Dec 13, 10:00 PM	7.23	78.09	716.68	37217.75
Dec 13, 11:00 PM	7.24	77.81	716.71	36913.95
Dec 14, 12:00 AM	7.22	78.44	716.75	37530.50
Dec 14, 1:00 AM	7.23	79.98	716.76	37289.60
Dec 14, 2:00 AM	7.26	78.10	716.72	37923.70
Dec 14, 3:00 AM	7.27	76.63	716.58	37859.14
Dec 14, 4:00 AM	7.29	79.38	716.57	38048.92
Dec 14, 5:00 AM	7.28	77.44	716.60	37866.11
Dec 14, 6:00 AM	7.25	78.28	716.67	38526.58
Dec 14, 7:00 AM	7.26	78.51	716.69	37924.79
Dec 14, 8:00 AM	7.22	71.13	716.59	37883.80
Dec 14, 9:00 AM	7.21	67.86	716.59	37987.07
Dec 14, 10:00 AM	7.23	78.99	716.59	37719.25
Dec 14, 11:00 AM	7.20	84.51	716.53	38682.07
Dec 14, 12:00 PM	7.13	122.75	716.45	37140.81
Dec 14, 1:00 PM	7.17	136.56	716.38	36570.79
Dec 14, 2:00 PM	7.20	116.64	716.47	37366.71
Dec 14, 3:00 PM	7.20	102.57	716.44	37293.80
Dec 14, 4:00 PM	7.15	94.55	716.46	37055.71
Dec 14, 5:00 PM	7.14	89.31	716.44	37048.93
Dec 14, 6:00 PM	7.26	85.59	716.54	36853.09
Dec 14, 7:00 PM	7.25	87.19	716.68	36679.07
Dec 14, 8:00 PM	7.21	122.35	716.51	36531.30
Dec 14, 9:00 PM	7.21	134.33	716.53	36613.57
Dec 14, 10:00 PM	7.20	125.79	716.45	36132.07
Dec 14, 11:00 PM	7.21	112.76	716.34	36840.11
Dec 15, 12:00 AM	7.21	100.98	716.40	37360.81
Dec 15, 1:00 AM	7.20	114.47	716.43	36798.36
Dec 15, 2:00 AM	7.23	128.78	716.44	35931.50
Dec 15, 3:00 AM	7.25	125.06	716.50	36287.32
Dec 15, 4:00 AM	7.25	127.85	716.45	36656.63

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 15, 5:00 AM	7.21	122.64	716.46	36015.52
Dec 15, 6:00 AM	7.17	107.89	716.50	36242.48
Dec 15, 7:00 AM	7.12	90.94	716.47	36410.68
Dec 15, 8:00 AM	7.12	94.12	716.29	36381.52
Dec 15, 9:00 AM	7.15	103.83	716.43	36361.48
Dec 15, 10:00 AM	7.15	101.74	716.42	36450.76
Dec 15, 11:00 AM	7.17	114.56	716.33	36102.67
Dec 15, 12:00 PM	7.14	116.17	716.37	36611.99
Dec 15, 1:00 PM	7.15	112.87	716.35	35536.04
Dec 15, 2:00 PM	7.16	111.67	716.22	35931.68
Dec 15, 3:00 PM	7.17	107.08	716.39	36046.92
Dec 15, 4:00 PM	7.17	99.02	716.30	35591.75
Dec 15, 5:00 PM	7.18	96.47	716.43	35689.11
Dec 15, 6:00 PM	7.19	106.99	716.42	36469.75
Dec 15, 7:00 PM	7.20	106.31	716.32	36274.58
Dec 15, 8:00 PM	7.16	153.98	716.24	35501.59
Dec 15, 9:00 PM	7.08	167.18	716.37	36289.64
Dec 15, 10:00 PM	7.06	136.08	716.18	37095.20
Dec 15, 11:00 PM	7.13	118.42	716.31	35929.14
Dec 16, 12:00 AM	7.07	108.32	716.24	36266.89
Dec 16, 1:00 AM	6.88	95.13	716.24	35512.16
Dec 16, 2:00 AM	6.92	83.77	716.19	34743.22
Dec 16, 3:00 AM	6.90	90.25	716.23	35728.73
Dec 16, 4:00 AM	6.82	120.48	716.25	35390.81
Dec 16, 5:00 AM	6.86	89.47	716.18	36053.50
Dec 16, 6:00 AM	6.85	92.90	716.19	36615.54
Dec 16, 7:00 AM	6.77	94.38	716.25	37263.02
Dec 16, 8:00 AM	6.76	87.90	716.25	35923.08
Dec 16, 9:00 AM	6.76	102.61	716.20	35424.36
Dec 16, 10:00 AM	6.70	101.05	716.27	35137.11
Dec 16, 11:00 AM	6.66	116.38	716.24	36143.34
Dec 16, 12:00 PM	6.66	124.65	716.26	35447.55
Dec 16, 1:00 PM	6.65	93.95	716.20	35010.25
Dec 16, 2:00 PM	6.67	96.32	716.19	36082.88
Dec 16, 3:00 PM	6.65	93.12	716.20	35817.53
Dec 16, 4:00 PM	6.57	100.86	716.23	35885.24
Dec 16, 5:00 PM	6.57	91.03	716.33	34242.06
Dec 16, 6:00 PM	6.50	89.36	716.31	33540.91
Dec 16, 7:00 PM	6.36	115.37	716.27	32214.04
Dec 16, 8:00 PM	6.17	139.18	716.24	32043.20
Dec 16, 9:00 PM	6.10	152.69	716.26	30540.47
Dec 16, 10:00 PM	6.11	92.49	716.33	30988.04
Dec 16, 11:00 PM	6.14	86.59	716.26	31021.02

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 17, 12:00 AM	6.14	84.40	716.25	30712.26
Dec 17, 1:00 AM	5.98	83.03	716.12	31711.61
Dec 17, 2:00 AM	5.86	81.35	716.21	32345.05
Dec 17, 3:00 AM	5.73	79.42	716.06	32822.70
Dec 17, 4:00 AM	5.60	79.64	716.19	32038.43
Dec 17, 5:00 AM	5.56	81.02	716.23	32181.63
Dec 17, 6:00 AM	5.52	85.36	716.25	33159.78
Dec 17, 7:00 AM	5.68	87.25	716.19	31350.98
Dec 17, 8:00 AM	5.77	85.85	716.46	32778.95
Dec 17, 9:00 AM	5.82	86.98	716.33	32415.18
Dec 17, 10:00 AM	5.69	86.19	716.28	33566.14
Dec 17, 11:00 AM	5.48	102.42	716.29	32199.19
Dec 17, 12:00 PM	5.35	91.65	716.23	33058.46
Dec 17, 1:00 PM	5.24	88.28	716.17	32472.69
Dec 17, 2:00 PM	5.20	90.82	716.03	32791.60
Dec 17, 3:00 PM	5.14	87.94	716.09	33056.55
Dec 17, 4:00 PM	5.11	79.01	716.00	33053.20
Dec 17, 5:00 PM	5.11	77.06	716.06	33654.95
Dec 17, 6:00 PM	5.11	90.95	716.14	33306.24
Dec 17, 7:00 PM	5.09	88.69	716.05	33333.90
Dec 17, 8:00 PM	5.14	88.00	716.01	34170.22
Dec 17, 9:00 PM	5.12	94.16	716.12	33096.04
Dec 17, 10:00 PM	5.32	100.75	716.08	32729.72
Dec 17, 11:00 PM	5.36	90.40	715.79	33567.48
Dec 18, 12:00 AM	5.57	88.68	716.55	33657.80
Dec 18, 1:00 AM	5.63	88.49	716.65	32996.90
Dec 18, 2:00 AM	5.61	91.55	716.65	33052.67
Dec 18, 3:00 AM	5.57	76.84	716.66	33787.20
Dec 18, 4:00 AM	5.60	105.53	716.54	34336.19
Dec 18, 5:00 AM	5.56	91.64	716.64	34937.49
Dec 18, 6:00 AM	5.55	89.45	716.65	34816.76
Dec 18, 7:00 AM	5.52	90.27	716.68	34290.11
Dec 18, 8:00 AM	5.34	90.13	716.54	34191.82
Dec 18, 9:00 AM	5.00	92.89	716.67	34880.09
Dec 18, 10:00 AM	5.01	94.71	716.24	34152.17
Dec 18, 11:00 AM	5.00	109.48	716.29	35138.81
Dec 18, 12:00 PM	5.00	105.69	716.39	34628.25
Dec 18, 1:00 PM	4.88	96.64	716.33	34445.42
Dec 18, 2:00 PM	4.78	100.31	716.15	34549.16
Dec 18, 3:00 PM	4.99	93.88	716.34	33468.51
Dec 18, 4:00 PM	5.06	84.66	716.32	34419.32
Dec 18, 5:00 PM	5.18	86.83	716.30	35030.44
Dec 18, 6:00 PM	5.10	90.90	716.26	35405.17

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 18, 7:00 PM	5.15	124.68	716.24	35220.88
Dec 18, 8:00 PM	5.18	92.85	716.23	35238.65
Dec 18, 9:00 PM	5.41	100.35	716.34	34645.70
Dec 18, 10:00 PM	5.43	96.87	716.47	36087.89
Dec 18, 11:00 PM	5.63	85.89	716.19	35988.02
Dec 19, 12:00 AM	6.10	94.09	716.27	35310.09
Dec 19, 1:00 AM	6.21	89.48	716.16	35322.43
Dec 19, 2:00 AM	6.29	83.31	716.07	35567.90
Dec 19, 3:00 AM	6.28	85.64	715.92	34748.38
Dec 19, 4:00 AM	6.26	99.76	716.08	35490.92
Dec 19, 5:00 AM	6.25	91.90	716.04	35891.11
Dec 19, 6:00 AM	6.22	82.71	716.06	37502.16
Dec 19, 7:00 AM	5.75	93.85	716.19	37598.98
Dec 19, 8:00 AM	5.53	98.47	716.18	37733.29
Dec 19, 9:00 AM	5.59	101.76	716.00	37052.36
Dec 19, 10:00 AM	5.57	99.05	716.05	36080.25
Dec 19, 11:00 AM	5.56	130.37	716.14	35999.82
Dec 19, 12:00 PM	5.46	130.36	716.15	37161.58
Dec 19, 1:00 PM	5.38	122.04	716.22	35944.82
Dec 19, 2:00 PM	5.66	126.69	716.29	35085.43
Dec 19, 3:00 PM	5.41	104.98	716.29	36335.06
Dec 19, 4:00 PM	4.88	102.32	716.15	38182.98
Dec 19, 5:00 PM	4.81	100.70	716.21	39426.49
Dec 19, 6:00 PM	4.83	98.45	716.24	38846.04
Dec 19, 7:00 PM	4.86	97.44	716.19	39166.88
Dec 19, 8:00 PM	4.82	96.33	716.17	39539.20
Dec 19, 9:00 PM	4.83	95.63	716.25	39425.15
Dec 19, 10:00 PM	4.89	96.13	716.30	40209.90
Dec 19, 11:00 PM	4.82	95.23	716.33	40859.43
Dec 20, 12:00 AM	4.82	95.67	716.24	40416.71
Dec 20, 1:00 AM	4.78	96.68	716.08	39823.27
Dec 20, 2:00 AM	4.73	96.17	716.14	40176.01
Dec 20, 3:00 AM	4.76	96.99	716.15	40781.47
Dec 20, 4:00 AM	4.72	96.62	716.19	40973.43
Dec 20, 5:00 AM	4.65	96.92	716.15	40271.16
Dec 20, 6:00 AM	4.61	99.24	716.18	40794.98
Dec 20, 7:00 AM	4.62	135.58	716.16	40866.00
Dec 20, 8:00 AM	4.69	136.42	716.03	41419.75
Dec 20, 9:00 AM	4.69	128.04	716.20	39709.31
Dec 20, 10:00 AM	4.68	130.78	716.19	40588.75
Dec 20, 11:00 AM	4.57	129.63	716.10	39923.51
Dec 20, 12:00 PM	4.32	123.91	716.16	39096.15
Dec 20, 1:00 PM	4.13	119.00	716.07	41097.64



## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 20, 2:00 PM	4.00	111.92	715.94	40367.87
Dec 20, 3:00 PM	3.91	112.99	716.10	39952.43
Dec 20, 4:00 PM	3.90	118.89	716.04	39701.18
Dec 20, 5:00 PM	3.77	108.06	716.07	39811.86
Dec 20, 6:00 PM	3.82	99.78	716.09	38444.48
Dec 20, 7:00 PM	3.85	96.64	716.14	37197.75
Dec 20, 8:00 PM	3.94	92.29	715.90	36325.02
Dec 20, 9:00 PM	4.02	90.10	715.77	36492.54
Dec 20, 10:00 PM	4.07	90.14	715.80	36578.78
Dec 20, 11:00 PM	4.41	91.61	715.69	35995.26
Dec 21, 12:00 AM	4.91	89.10	715.88	35392.54
Dec 21, 1:00 AM	4.95	88.87	715.74	35998.66
Dec 21, 2:00 AM	4.97	89.93	715.71	36260.75
Dec 21, 3:00 AM	5.02	91.88	715.66	36447.39
Dec 21, 4:00 AM	5.02	91.15	715.82	35920.27
Dec 21, 5:00 AM	5.04	90.86	715.85	36259.28
Dec 21, 6:00 AM	5.10	89.58	715.82	35501.53
Dec 21, 7:00 AM	5.16	88.58	715.82	36977.27
Dec 21, 8:00 AM	5.18	89.77	715.81	36210.00
Dec 21, 9:00 AM	5.13	91.58	715.94	35880.57
Dec 21, 10:00 AM	5.00	92.74	715.77	36288.79
Dec 21, 11:00 AM	4.93	91.67	715.89	36037.14
Dec 21, 12:00 PM	5.02	88.60	715.78	35539.85
Dec 21, 1:00 PM	5.04	90.27	715.80	35204.13
Dec 21, 2:00 PM	5.07	92.70	715.68	36169.89
Dec 21, 3:00 PM	5.10	88.58	715.68	36232.18
Dec 21, 4:00 PM	5.02	91.10	715.77	36754.52
Dec 21, 5:00 PM	4.92	90.66	715.77	36911.35
Dec 21, 6:00 PM	4.90	89.39	715.88	36812.89
Dec 21, 7:00 PM	4.86	87.22	715.95	37676.13
Dec 21, 8:00 PM	4.81	88.26	715.86	37482.39
Dec 21, 9:00 PM	4.78	88.32	715.87	37359.21
Dec 21, 10:00 PM	4.75	88.95	715.90	37200.57
Dec 21, 11:00 PM	4.73	90.51	716.02	37390.39
Dec 22, 12:00 AM	4.73	95.23	716.06	36437.87
Dec 22, 1:00 AM	4.75	97.87	716.06	37557.66
Dec 22, 2:00 AM	4.75	95.65	716.15	37302.98
Dec 22, 3:00 AM	4.79	96.75	716.12	38006.94
Dec 22, 4:00 AM	4.79	96.58	716.25	36910.08
Dec 22, 5:00 AM	4.81	97.64	716.23	37276.86
Dec 22, 6:00 AM	4.77	96.31	716.21	36852.43
Dec 22, 7:00 AM	4.78	96.93	716.20	37897.49
Dec 22, 8:00 AM	4.73	103.87	716.27	38188.13

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 22, 9:00 AM	4.75	100.88	716.21	37167.95
Dec 22, 10:00 AM	4.72	127.96	716.20	35628.63
Dec 22, 11:00 AM	4.73	151.92	716.30	37409.57
Dec 22, 12:00 PM	4.68	170.94	716.11	37105.77
Dec 22, 1:00 PM	4.66	152.35	716.17	39660.23
Dec 22, 2:00 PM	4.67	124.41	716.11	40036.60
Dec 22, 3:00 PM	4.69	106.08	716.08	40962.97
Dec 22, 4:00 PM	4.69	104.26	716.17	42144.36
Dec 22, 5:00 PM	4.66	112.89	716.24	42138.55
Dec 22, 6:00 PM	4.66	108.71	716.19	40698.98
Dec 22, 7:00 PM	4.67	106.97	716.24	42873.82
Dec 22, 8:00 PM	4.62	117.99	716.17	41859.03
Dec 22, 9:00 PM	4.62	127.66	716.22	40697.63
Dec 22, 10:00 PM	4.62	120.97	716.24	39397.14
Dec 22, 11:00 PM	4.63	118.37	716.23	42289.02
Dec 23, 12:00 AM	4.59	106.31	716.18	42611.61
Dec 23, 1:00 AM	4.59	105.49	715.99	41937.40
Dec 23, 2:00 AM	4.57	111.59	716.00	39677.95
Dec 23, 3:00 AM	4.55	105.06	715.95	40573.68
Dec 23, 4:00 AM	4.55	115.02	716.03	39209.34
Dec 23, 5:00 AM	4.57	126.52	716.07	37250.25
Dec 23, 6:00 AM	4.56	113.45	715.96	39380.64
Dec 23, 7:00 AM	4.54	119.75	715.99	39465.64
Dec 23, 8:00 AM	4.54	136.22	716.02	40974.79
Dec 23, 9:00 AM	4.50	149.50	716.09	40344.18
Dec 23, 10:00 AM	4.46	161.68	716.08	38079.05
Dec 23, 11:00 AM	4.43	154.83	716.00	36816.51
Dec 23, 12:00 PM	4.42	155.63	715.94	36845.97
Dec 23, 1:00 PM	4.44	151.75	716.00	37164.05
Dec 23, 2:00 PM	4.49	130.27	715.95	36263.81
Dec 23, 3:00 PM	4.48	116.87	716.20	35369.31
Dec 23, 4:00 PM	4.49	112.42	716.02	36137.94
Dec 23, 5:00 PM	4.47	110.77	716.04	35767.11
Dec 23, 6:00 PM	4.52	117.62	716.00	35153.23
Dec 23, 7:00 PM	4.61	123.41	716.09	35348.33
Dec 23, 8:00 PM	4.55	120.71	716.15	34831.71
Dec 23, 9:00 PM	4.54	113.69	716.10	34223.63
Dec 23, 10:00 PM	4.56	118.96	716.06	34000.15
Dec 23, 11:00 PM	4.60	120.83	716.10	33797.14
Dec 24, 12:00 AM	4.62	120.01	716.16	33025.94
Dec 24, 1:00 AM	4.57	117.90	716.17	33208.29
Dec 24, 2:00 AM	4.55	107.53	716.21	35596.50
Dec 24, 3:00 AM	4.49	102.09	716.10	34372.43

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 24, 4:00 AM	4.44	99.84	716.08	34357.67
Dec 24, 5:00 AM	4.40	96.17	716.03	35809.55
Dec 24, 6:00 AM	4.53	93.53	715.96	36014.94
Dec 24, 7:00 AM	4.58	89.31	716.02	35558.48
Dec 24, 8:00 AM	4.54	76.90	716.13	34698.55
Dec 24, 9:00 AM	4.54	77.27	715.99	34536.61
Dec 24, 10:00 AM	4.55	79.21	716.01	34088.39
Dec 24, 11:00 AM	4.53	90.02	716.01	33794.94
Dec 24, 12:00 PM	4.53	104.36	716.05	34538.73
Dec 24, 1:00 PM	4.45	110.55	716.01	34829.38
Dec 24, 2:00 PM	4.40	95.50	716.02	35322.98
Dec 24, 3:00 PM	4.40	80.58	715.93	36093.71
Dec 24, 4:00 PM	4.48	97.62	716.01	36082.41
Dec 24, 5:00 PM	4.49	117.69	716.16	36847.10
Dec 24, 6:00 PM	4.49	117.07	716.25	39267.00
Dec 24, 7:00 PM	4.44	101.31	716.25	39177.54
Dec 24, 8:00 PM	4.47	94.89	715.95	38541.46
Dec 24, 9:00 PM	4.49	109.48	716.03	39093.36
Dec 24, 10:00 PM	4.45	113.42	716.23	38866.43
Dec 24, 11:00 PM	4.47	107.87	715.99	39216.92
Dec 25, 12:00 AM	4.46	99.96	716.15	40845.57
Dec 25, 1:00 AM	4.48	99.99	716.11	39336.37
Dec 25, 2:00 AM	4.48	96.00	716.13	37278.48
Dec 25, 3:00 AM	4.49	94.23	716.05	37196.10
Dec 25, 4:00 AM	4.50	94.88	716.07	37217.25
Dec 25, 5:00 AM	4.52	94.90	716.05	37260.05
Dec 25, 6:00 AM	4.51	92.69	716.08	38909.81
Dec 25, 7:00 AM	4.50	91.57	716.06	38356.81
Dec 25, 8:00 AM	4.53	93.66	716.12	39070.51
Dec 25, 9:00 AM	4.54	94.99	715.88	37895.48
Dec 25, 10:00 AM	4.52	93.96	716.04	38573.86
Dec 25, 11:00 AM	4.52	92.53	716.07	39716.34
Dec 25, 12:00 PM	4.53	96.24	716.01	40395.42
Dec 25, 1:00 PM	4.50	96.48	716.08	40290.90
Dec 25, 2:00 PM	4.49	104.44	716.11	40490.11
Dec 25, 3:00 PM	4.39	98.57	716.10	38641.00
Dec 25, 4:00 PM	4.42	94.26	716.09	39559.62
Dec 25, 5:00 PM	4.47	96.15	716.05	40148.98
Dec 25, 6:00 PM	4.47	97.25	716.09	40529.12
Dec 25, 7:00 PM	4.48	96.27	716.10	39266.63
Dec 25, 8:00 PM	4.45	97.04	716.12	41549.67
Dec 25, 9:00 PM	4.43	96.48	716.03	39789.81
Dec 25, 10:00 PM	4.39	93.67	716.12	39980.61

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 25, 11:00 PM	4.34	91.97	716.02	39658.98
Dec 26, 12:00 AM	4.32	94.92	716.01	39282.20
Dec 26, 1:00 AM	4.29	92.34	716.12	40785.39
Dec 26, 2:00 AM	4.27	91.20	716.10	39759.15
Dec 26, 3:00 AM	4.29	93.40	716.02	38503.57
Dec 26, 4:00 AM	4.25	90.60	716.01	38762.01
Dec 26, 5:00 AM	4.24	88.70	715.98	38423.12
Dec 26, 6:00 AM	4.23	89.73	715.94	39191.54
Dec 26, 7:00 AM	4.24	92.15	715.93	41053.19
Dec 26, 8:00 AM	4.24	96.45	715.93	40364.73
Dec 26, 9:00 AM	4.10	757.83	716.06	40333.56
Dec 26, 10:00 AM	4.32	101.80	715.97	41270.23
Dec 26, 11:00 AM	4.27	100.49	715.99	41274.80
Dec 26, 12:00 PM	4.24	100.84	716.00	42133.35
Dec 26, 1:00 PM	4.23	108.21	715.94	44392.77
Dec 26, 2:00 PM	4.22	118.44	716.01	41425.43
Dec 26, 3:00 PM	4.19	117.79	716.05	40292.45
Dec 26, 4:00 PM	4.21	100.72	715.97	39261.85
Dec 26, 5:00 PM	4.18	101.91	715.92	41240.14
Dec 26, 6:00 PM	4.19	99.11	716.01	42370.39
Dec 26, 7:00 PM	4.16	96.03	716.03	41951.41
Dec 26, 8:00 PM	4.16	96.30	716.01	40957.46
Dec 26, 9:00 PM	4.17	95.42	716.05	39464.71
Dec 26, 10:00 PM	4.15	95.27	716.03	40272.86
Dec 26, 11:00 PM	4.18	97.28	716.05	39737.77
Dec 27, 12:00 AM	4.14	96.78	715.86	39558.32
Dec 27, 1:00 AM	4.13	100.90	715.99	39080.00
Dec 27, 2:00 AM	4.13	98.33	716.04	39135.73
Dec 27, 3:00 AM	4.15	108.13	715.94	40401.55
Dec 27, 4:00 AM	4.15	106.39	715.92	38644.64
Dec 27, 5:00 AM	4.15	106.20	716.00	39659.70
Dec 27, 6:00 AM	4.14	106.51	715.92	38381.34
Dec 27, 7:00 AM	4.16	109.84	715.92	38626.29
Dec 27, 8:00 AM	4.01	105.50	715.86	38441.37
Dec 27, 9:00 AM	4.22	124.69	715.88	38729.28
Dec 27, 10:00 AM	4.20	115.28	715.99	39175.35
Dec 27, 11:00 AM	4.08	136.57	715.97	39818.25
Dec 27, 12:00 PM	4.01	158.04	716.10	39124.71
Dec 27, 1:00 PM	3.98	156.73	715.93	40416.80
Dec 27, 2:00 PM	4.00	139.25	715.95	41520.58
Dec 27, 3:00 PM	4.00	116.11	715.90	39591.27
Dec 27, 4:00 PM	3.96	114.38	715.85	40937.07
Dec 27, 5:00 PM	3.98	105.72	715.96	39504.61

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 27, 6:00 PM	3.95	112.59	715.91	39268.20
Dec 27, 7:00 PM	3.87	113.72	716.08	38924.08
Dec 27, 8:00 PM	3.85	107.57	715.87	39494.16
Dec 27, 9:00 PM	3.83	120.64	716.00	40065.32
Dec 27, 10:00 PM	3.86	117.43	715.94	39619.30
Dec 27, 11:00 PM	3.90	110.58	715.97	40738.63
Dec 28, 12:00 AM	3.92	118.17	716.02	40222.95
Dec 28, 1:00 AM	3.90	120.43	715.83	40189.27
Dec 28, 2:00 AM	3.89	113.14	715.97	40343.27
Dec 28, 3:00 AM	3.87	108.01	715.88	39898.38
Dec 28, 4:00 AM	3.85	117.10	715.88	40533.55
Dec 28, 5:00 AM	3.84	115.17	715.74	39259.33
Dec 28, 6:00 AM	3.87	120.52	715.80	36889.16
Dec 28, 7:00 AM	3.86	117.95	715.98	33270.99
Dec 28, 8:00 AM	3.87	116.57	715.84	33486.38
Dec 28, 9:00 AM	3.84	116.64	715.85	32966.17
Dec 28, 10:00 AM	3.88	128.60	715.87	32728.64
Dec 28, 11:00 AM	3.85	138.66	715.98	32433.89
Dec 28, 12:00 PM	3.81	143.18	716.03	32025.66
Dec 28, 1:00 PM	3.79	138.08	716.03	31744.30
Dec 28, 2:00 PM	3.77	134.85	716.08	31992.53
Dec 28, 3:00 PM	3.80	126.59	716.12	32931.63
Dec 28, 4:00 PM	3.89	110.18	716.04	32454.30
Dec 28, 5:00 PM	3.94	102.05	716.05	33433.39
Dec 28, 6:00 PM	3.96	104.92	715.94	32390.59
Dec 28, 7:00 PM	3.97	107.46	715.88	32085.34
Dec 28, 8:00 PM	3.99	100.14	715.81	32684.96
Dec 28, 9:00 PM	4.02	99.36	716.05	33327.41
Dec 28, 10:00 PM	4.00	100.35	716.00	33978.02
Dec 28, 11:00 PM	4.01	101.03	715.96	33488.25
Dec 29, 12:00 AM	3.97	115.50	715.98	32192.99
Dec 29, 1:00 AM	3.95	113.13	716.09	33245.75
Dec 29, 2:00 AM	3.99	109.98	716.07	33973.41
Dec 29, 3:00 AM	4.02	133.58	716.03	36087.17
Dec 29, 4:00 AM	4.01	103.12	716.10	36599.90
Dec 29, 5:00 AM	3.98	132.50	716.21	38626.68
Dec 29, 6:00 AM	3.93	120.99	716.04	38071.69
Dec 29, 7:00 AM	3.89	101.04	715.99	40427.02
Dec 29, 8:00 AM	3.82	120.99	716.12	41564.44
Dec 29, 9:00 AM	3.85	109.30	715.97	41042.91
Dec 29, 10:00 AM	3.81	122.03	715.90	41901.27
Dec 29, 11:00 AM	3.78	127.85	715.90	40086.79
Dec 29, 12:00 PM	3.74	136.33	715.93	39776.55

## O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 29, 1:00 PM	3.76	128.37	715.99	40860.52
Dec 29, 2:00 PM	3.76	133.28	715.91	38639.53
Dec 29, 3:00 PM	3.77	109.87	715.98	38014.26
Dec 29, 4:00 PM	3.77	135.44	715.95	37361.69
Dec 29, 5:00 PM	3.75	133.91	715.98	36921.76
Dec 29, 6:00 PM	3.78	120.80	716.05	37727.80
Dec 29, 7:00 PM	3.75	100.44	715.90	36342.97
Dec 29, 8:00 PM	3.82	128.16	715.88	35468.15
Dec 29, 9:00 PM	3.79	115.73	716.00	33900.01
Dec 29, 10:00 PM	3.77	109.26	716.01	33671.29
Dec 29, 11:00 PM	3.69	100.15	715.97	34040.61
Dec 30, 12:00 AM	3.65	99.07	715.82	34203.36
Dec 30, 1:00 AM	3.66	103.46	715.80	36096.33
Dec 30, 2:00 AM	3.87	102.59	715.69	35448.00
Dec 30, 3:00 AM	3.96	101.25	715.76	33100.32
Dec 30, 4:00 AM	3.92	102.22	715.80	33760.88
Dec 30, 5:00 AM	3.87	100.30	715.78	33216.82
Dec 30, 6:00 AM	3.85	99.32	715.82	33652.45
Dec 30, 7:00 AM	3.86	105.44	715.86	33228.27
Dec 30, 8:00 AM	3.89	109.76	715.97	33473.75
Dec 30, 9:00 AM	3.90	109.64	715.95	33313.48
Dec 30, 10:00 AM	3.94	109.57	715.87	33877.07
Dec 30, 11:00 AM	3.88	110.71	715.95	33524.43
Dec 30, 12:00 PM	3.84	110.17	715.96	32441.92
Dec 30, 1:00 PM	3.84	110.70	716.10	33298.56
Dec 30, 2:00 PM	3.88	110.68	715.94	33591.23
Dec 30, 3:00 PM	3.86	104.07	715.90	33245.94
Dec 30, 4:00 PM	3.87	99.30	716.01	33197.92
Dec 30, 5:00 PM	3.93	98.50	715.89	32730.25
Dec 30, 6:00 PM	3.97	94.14	715.94	32363.84
Dec 30, 7:00 PM	4.00	95.27	715.98	32628.69
Dec 30, 8:00 PM	4.00	93.73	715.97	32601.52
Dec 30, 9:00 PM	4.03	96.47	716.10	33313.61
Dec 30, 10:00 PM	4.03	94.83	716.08	33222.14
Dec 30, 11:00 PM	4.06	90.91	716.08	33191.29
Dec 31, 12:00 AM	4.07	90.36	716.06	33092.21
Dec 31, 1:00 AM	4.00	92.50	716.01	33992.40
Dec 31, 2:00 AM	4.04	91.68	716.15	33947.32
Dec 31, 3:00 AM	4.02	91.52	716.00	33659.36
Dec 31, 4:00 AM	4.09	90.89	716.14	35549.66
Dec 31, 5:00 AM	4.11	96.97	716.21	35823.74
Dec 31, 6:00 AM	4.08	101.55	716.26	35673.07
Dec 31, 7:00 AM	4.01	103.61	716.21	38152.93

O.Reg 88/22 s34: Incinerator Data

Date	O2 (%)	SO2(ppm)	Temperature (C)	Stack Flow (sm3/hr)
Dec 31, 8:00 AM	4.03	105.56	716.23	39207.97
Dec 31, 9:00 AM	3.99	104.16	716.07	38816.84
Dec 31, 10:00 AM	3.94	118.35	716.07	40152.93
Dec 31, 11:00 AM	3.88	126.20	716.12	40054.01
Dec 31, 12:00 PM	3.85	126.26	716.02	40354.74
Dec 31, 1:00 PM	3.77	135.74	716.04	41412.46
Dec 31, 2:00 PM	3.70	118.24	716.05	40194.68
Dec 31, 3:00 PM	3.65	104.45	715.92	39485.74
Dec 31, 4:00 PM	3.74	101.02	716.03	39582.43
Dec 31, 5:00 PM	3.70	95.28	716.08	39084.75
Dec 31, 6:00 PM	3.74	95.15	715.96	38473.73
Dec 31, 7:00 PM	3.73	93.36	715.90	39296.11
Dec 31, 8:00 PM	3.65	93.04	715.87	37912.29
Dec 31, 9:00 PM	3.69	92.81	715.82	36822.44
Dec 31, 10:00 PM	3.75	95.75	715.83	36374.80
Dec 31, 11:00 PM	3.70	94.46	715.75	36135.92

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)
2024-10-01 03:00	5	5	5	5
2024-10-02 03:00	5	5	5	5
2024-10-03 03:00	5	5	5	5
2024-10-04 03:00	5	5	5	5
2024-10-05 03:00	5	5	5	5
2024-10-06 03:00	5	10	10	5
2024-10-07 03:00	10	0	5	5
2024-10-08 03:00	10	10	10	5
2024-10-09 03:00	10	5	5	5
2024-10-10 03:00	5	5	5	5
2024-10-11 03:00	5	5	5	5
2024-10-12 03:00	5	5	5	5
2024-10-13 03:00	50	10	10	5
2024-10-14 03:00	30	5	5	5
2024-10-15 03:00	40	5	5	5
2024-10-16 03:00	20	10	10	5
2024-10-17 03:00	30	5	5	5
2024-10-18 03:00	15	5	5	5
2024-10-19 03:00	15	5	5	5
2024-10-20 03:00	15	5	5	5
2024-10-21 03:00	10	5	5	5
2024-10-22 03:00	5	5	5	5
2024-10-23 03:00	5	5	5	5
2024-10-24 03:00	5	5	5	5
2024-10-25 03:00	5	5	5	5
2024-10-26 03:00	5	10	5	5
2024-10-27 03:00	5	5	5	5
2024-10-28 03:00	5	10	10	5
2024-10-29 03:00	5	10	5	5
2024-10-30 03:00	5	10	10	5
2024-10-31 03:00	5	5	10	5
2024-11-01 03:00	5	5	10	5
2024-11-02 03:00	5	5	5	5
2024-11-03 03:00	5	5	5	5
2024-11-04 03:00	5	5	5	5
2024-11-05 03:00	5	5	5	5
2024-11-06 03:00	5	5	5	5
2024-11-07 03:00	5	5	5	5
2024-11-08 03:00	5	10	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)
2024-11-09 03:00	5	5	5	10
2024-11-10 03:00	5	5	5	5
2024-11-11 03:00	5	5	5	5
2024-11-12 03:00	5	5	10	5
2024-11-13 03:00	5	5	5	5
2024-11-14 03:00	5	5	5	5
2024-11-15 03:00	5	10	5	5
2024-11-16 03:00	5	5	10	5
2024-11-17 03:00	5	5	5	5
2024-11-18 03:00	5	5	5	5
2024-11-19 03:00	5	10	5	5
2024-11-20 03:00	5	5	5	5
2024-11-21 03:00	15	5	5	5
2024-11-22 03:00	25	5	5	5
2024-11-23 03:00	25	5	5	5
2024-11-24 03:00	5	5	5	5
2024-11-25 03:00	10	5	5	5
2024-11-26 03:00	30	5	5	5
2024-11-27 03:00	20	5	5	5
2024-11-28 03:00	5	5	5	5
2024-11-29 03:00	10	5	5	5
2024-11-30 03:00	20	5	5	5
2024-12-01 03:00	5	5	5	5
2024-12-02 03:00	5	5	5	5
2024-12-03 03:00	5	5	5	5
2024-12-04 03:00	10	5	5	5
2024-12-05 03:00	8	5	5	5
2024-12-06 03:00	10	5	5	5
2024-12-07 03:00	10	5	5	5
2024-12-08 03:00	10	5	5	5
2024-12-09 03:00	5	5	5	5
2024-12-10 03:00	5	5	5	5
2024-12-11 03:00	5	5	5	5
2024-12-12 03:00	5	5	5	5
2024-12-13 03:00	5	5	5	5
2024-12-14 03:00	5	5	5	5
2024-12-15 03:00	5	5	5	5
2024-12-16 03:00	5	5	5	5
2024-12-17 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)
2024-12-18 03:00	5	5	5	5
2024-12-19 03:00	5	5	5	5
2024-12-20 03:00	5	5	5	5
2024-12-21 03:00	5	5	5	5
2024-12-22 03:00	5	5	5	5
2024-12-23 03:00	5	5	5	5
2024-12-24 03:00	5	5	5	5
2024-12-25 03:00	5	5	5	5
2024-12-26 03:00	20	5	5	5
2024-12-27 03:00	5	5	10	5
2024-12-28 03:00	10	10	5	5
2024-12-29 03:00	10	5	5	5
2024-12-30 03:00	20	5	5	5
2024-12-31 03:00	20	5	5	5

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Oct 31, 11:00 PM	CMS Commissioned		CMS Commissioned		CMS Commissioned	
Nov 1, 12:00 AM	3.16	19623.70	15.30	1514.91	17.18	14602.02
Nov 1, 1:00 AM	3.23	20060.66	14.94	1509.76	17.41	14609.49
Nov 1, 2:00 AM	3.36	20142.23	15.06	1510.39	17.44	14608.56
Nov 1, 3:00 AM	3.12	19921.96	15.21	1519.34	17.76	14621.99
Nov 1, 4:00 AM	3.10	19859.15	15.33	1501.44	17.89	14627.97
Nov 1, 5:00 AM	3.14	19874.24	14.95	1496.72	18.06	14630.00
Nov 1, 6:00 AM	2.90	20411.34	15.03	1486.38	18.33	14636.70
Nov 1, 7:00 AM	3.09	20496.57	15.00	1472.17	18.06	14643.78
Nov 1, 8:00 AM	2.90	20573.74	15.24	1465.30	18.30	14647.48
Nov 1, 9:00 AM	3.00	20727.24	15.06	1452.80	31.14	14673.20
Nov 1, 10:00 AM	3.07	20308.72	14.67	1469.43	26.61	14679.57
Nov 1, 11:00 AM	3.18	20370.45	14.44	1460.29	20.90	14682.38
Nov 1, 12:00 PM	3.28	20187.25	14.49	1457.12	19.32	14675.94
Nov 1, 1:00 PM	3.30	20040.82	14.48	1468.45	19.37	14667.33
Nov 1, 2:00 PM	3.11	21038.92	14.43	1467.07	19.24	14675.47
Nov 1, 3:00 PM	3.26	21146.92	14.44	1437.96	20.57	14674.79
Nov 1, 4:00 PM	3.26	21854.85	14.05	1411.66	19.75	14671.54
Nov 1, 5:00 PM	3.03	21266.05	14.12	1430.96	19.07	14674.24
Nov 1, 6:00 PM	2.96	21711.65	14.15	1407.06	18.84	14679.81
Nov 1, 7:00 PM	2.92	21868.98	14.43	1438.96	19.13	14681.31
Nov 1, 8:00 PM	2.76	21272.86	14.20	1432.52	19.97	14656.61
Nov 1, 9:00 PM	2.82	20928.86	14.14	1432.86	20.36	14650.84
Nov 1, 10:00 PM	2.57	21317.79	14.45	1435.63	20.56	14655.53
Nov 1, 11:00 PM	2.68	20823.22	14.26	1463.57	20.68	14668.33
Nov 2, 12:00 AM	2.62	21037.79	13.79	1451.64	21.03	14676.92
Nov 2, 1:00 AM	2.85	20811.07	13.72	1456.97	20.86	14675.87
Nov 2, 2:00 AM	3.16	20960.72	13.17	1483.00	20.90	14678.10
Nov 2, 3:00 AM	2.84	21051.99	12.09	1470.60	20.84	14694.26

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 2, 4:00 AM	2.21	20704.90	10.85	1456.70	20.94	14681.38
Nov 2, 5:00 AM	1.65	20520.81	9.62	1482.16	20.97	14664.06
Nov 2, 6:00 AM	1.74	22072.38	9.59	1457.77	21.62	14645.79
Nov 2, 7:00 AM	2.05	21845.35	9.90	1454.91	21.61	14647.66
Nov 2, 8:00 AM	2.09	21639.99	9.62	1441.65	21.41	14672.70
Nov 2, 9:00 AM	1.96	21717.90	9.81	1429.28	20.97	14669.37
Nov 2, 10:00 AM	1.52	22363.81	9.96	1423.73	21.47	14667.37
Nov 2, 11:00 AM	1.62	21575.63	11.98	1435.42	21.28	14642.03
Nov 2, 12:00 PM	1.85	21097.77	12.68	1431.04	20.85	14635.02
Nov 2, 1:00 PM	1.81	21053.21	12.83	1447.32	20.45	14652.07
Nov 2, 2:00 PM	1.99	21005.26	12.88	1475.86	20.01	14647.92
Nov 2, 3:00 PM	2.01	21768.97	13.19	1441.76	20.05	14648.96
Nov 2, 4:00 PM	1.98	22419.74	13.32	1401.91	20.18	14641.28
Nov 2, 5:00 PM	1.81	22076.37	12.88	1378.51	20.36	14650.05
Nov 2, 6:00 PM	1.79	21418.97	12.76	1394.57	20.71	14657.17
Nov 2, 7:00 PM	1.76	21460.64	12.62	1401.72	21.23	14654.37
Nov 2, 8:00 PM	1.58	21129.14	13.14	1421.47	21.32	14646.42
Nov 2, 9:00 PM	1.44	21656.16	12.91	1451.28	21.00	14646.79
Nov 2, 10:00 PM	1.21	22079.75	13.00	1441.81	20.60	14653.38
Nov 2, 11:00 PM	1.19	22126.88	13.06	1409.55	20.51	14666.78
Nov 3, 12:00 AM	1.63	21606.16	12.64	1410.45	20.26	14664.44
Nov 3, 1:00 AM	1.92	21680.39	12.30	1409.44	20.53	14665.08
Nov 3, 1:00 AM	1.86	21864.66	11.67	1426.28	20.35	14654.20
Nov 3, 2:00 AM	1.58	21889.47	11.03	1420.61	20.40	14652.27
Nov 3, 3:00 AM	1.33	22078.54	10.35	1403.70	20.25	14651.56
Nov 3, 4:00 AM	1.23	22212.84	9.48	1397.01	20.33	14661.09
Nov 3, 5:00 AM	1.82	21912.22	9.35	1390.77	20.14	14665.88
Nov 3, 6:00 AM	2.21	22136.31	9.18	1403.87	19.50	14660.86
Nov 3, 7:00 AM	1.89	22160.36	9.21	1396.43	19.47	14670.09

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 3, 8:00 AM	1.90	21834.33	9.27	1414.59	19.23	14658.84
Nov 3, 9:00 AM	2.05	22106.58	9.70	1422.88	19.15	14656.20
Nov 3, 10:00 AM	1.64	22173.74	11.21	1430.37	18.68	14663.39
Nov 3, 11:00 AM	1.67	22253.56	11.71	1417.55	18.12	14667.38
Nov 3, 12:00 PM	1.76	23299.03	12.45	1393.19	17.87	14656.36
Nov 3, 1:00 PM	2.02	22778.88	13.16	1374.34	17.45	14664.08
Nov 3, 2:00 PM	2.59	22776.75	12.88	1357.81	17.07	14659.38
Nov 3, 3:00 PM	3.92	22627.47	12.83	1342.02	17.02	14659.75
Nov 3, 4:00 PM	2.79	22650.78	12.85	1342.43	17.42	14661.71
Nov 3, 5:00 PM	2.57	22764.41	12.71	1354.33	17.90	14668.31
Nov 3, 6:00 PM	2.36	23083.51	12.84	1348.41	17.67	14658.03
Nov 3, 7:00 PM	2.31	22413.11	12.67	1348.59	17.65	14663.01
Nov 3, 8:00 PM	2.18	22796.50	12.87	1351.85	17.45	14655.17
Nov 3, 9:00 PM	2.34	23233.70	12.77	1365.75	17.41	14662.62
Nov 3, 10:00 PM	2.71	22346.87	13.08	1373.85	17.10	14661.59
Nov 3, 11:00 PM	2.64	22053.24	12.86	1384.70	17.23	14671.87
Nov 4, 12:00 AM	2.68	22307.93	13.18	1405.19	17.14	14675.93
Nov 4, 1:00 AM	2.54	22544.76	13.05	1398.07	17.02	14682.55
Nov 4, 2:00 AM	2.84	22509.51	13.07	1388.29	16.91	14672.74
Nov 4, 3:00 AM	2.72	22280.35	13.19	1388.98	16.72	14675.09
Nov 4, 4:00 AM	2.76	22230.56	12.98	1375.60	16.83	14674.99
Nov 4, 5:00 AM	2.77	22437.15	12.91	1372.78	16.72	14675.46
Nov 4, 6:00 AM	2.64	22778.45	12.56	1361.59	16.57	14677.92
Nov 4, 7:00 AM	2.70	22863.99	12.71	1330.71	16.20	14673.20
Nov 4, 8:00 AM	2.47	22500.53	12.63	1343.63	16.00	14674.27
Nov 4, 9:00 AM	2.37	22289.98	12.55	1362.00	16.37	14677.58
Nov 4, 10:00 AM	2.50	22480.64	12.74	1368.38	15.80	14685.62
Nov 4, 11:00 AM	2.83	22624.72	12.43	1382.35	16.46	14677.61
Nov 4, 12:00 PM	3.61	22853.96	12.28	1359.60	20.51	14677.50

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 4, 1:00 PM	3.95	22375.68	12.02	1351.63	20.72	14671.21
Nov 4, 2:00 PM	4.35	22295.34	12.07	1358.86	17.75	14686.06
Nov 4, 3:00 PM	5.36	21885.15	12.30	1358.94	17.20	14670.21
Nov 4, 4:00 PM	6.25	21202.89	12.25	1366.20	17.05	14671.14
Nov 4, 5:00 PM	7.44	21299.13	11.88	1384.66	16.67	14667.92
Nov 4, 6:00 PM	6.75	20428.01	11.94	1382.02	16.23	14676.38
Nov 4, 7:00 PM	6.68	19839.61	12.00	1393.83	15.87	14665.56
Nov 4, 8:00 PM	4.02	19498.98	11.88	1449.45	15.81	14686.05
Nov 4, 9:00 PM	4.46	19158.18	12.20	1456.15	15.74	14665.56
Nov 4, 10:00 PM	5.25	19099.04	12.17	1480.35	15.85	14669.07
Nov 4, 11:00 PM	5.54	18792.00	12.08	1479.87	16.18	14664.60
Nov 5, 12:00 AM	6.18	18579.88	12.14	1476.66	16.21	14648.37
Nov 5, 1:00 AM	5.47	18496.83	12.19	1506.77	16.13	14661.55
Nov 5, 2:00 AM	5.41	18858.28	12.18	1507.84	16.38	14660.44
Nov 5, 3:00 AM	4.79	19333.64	12.21	1494.74	16.61	14650.06
Nov 5, 4:00 AM	4.59	19167.71	12.08	1500.75	16.66	14661.58
Nov 5, 5:00 AM	4.48	18688.76	12.07	1474.28	16.50	14662.22
Nov 5, 6:00 AM	3.90	18889.87	11.99	1480.05	16.42	14661.34
Nov 5, 7:00 AM	4.05	18998.77	11.77	1480.36	16.49	14667.14
Nov 5, 8:00 AM	3.97	18526.81	11.79	1470.41	16.39	14669.53
Nov 5, 9:00 AM	4.08	19477.97	12.01	1469.19	16.63	14667.85
Nov 5, 10:00 AM	4.32	19180.43	12.36	1466.76	16.44	14658.77
Nov 5, 11:00 AM	3.70	19221.35	12.58	1447.57	16.05	14662.30
Nov 5, 12:00 PM	3.70	19295.98	12.87	1430.07	15.99	14659.67
Nov 5, 1:00 PM	3.38	19415.26	12.65	1424.91	16.30	14662.67
Nov 5, 2:00 PM	3.68	19332.08	12.74	1406.64	18.33	14660.65
Nov 5, 3:00 PM	3.89	19387.85	12.86	1421.33	17.37	14658.67
Nov 5, 4:00 PM	3.93	19445.42	12.82	1393.72	17.08	14659.69
Nov 5, 5:00 PM	3.91	19537.06	12.65	1391.13	16.93	14666.82

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 5, 6:00 PM	3.73	19123.20	12.51	1393.76	16.91	14662.78
Nov 5, 7:00 PM	3.77	19054.71	12.57	1398.38	16.94	14663.94
Nov 5, 8:00 PM	3.50	19201.62	12.54	1399.01	16.84	14667.86
Nov 5, 9:00 PM	3.35	19210.98	12.28	1401.08	16.71	14667.96
Nov 5, 10:00 PM	3.43	18918.45	12.21	1398.74	17.01	14665.66
Nov 5, 11:00 PM	3.36	18317.40	12.17	1422.69	16.86	14660.25
Nov 6, 12:00 AM	3.38	18820.22	12.03	1432.12	17.11	14676.54
Nov 6, 1:00 AM	3.39	18807.07	12.10	1440.57	16.84	14657.56
Nov 6, 2:00 AM	2.85	18000.43	11.91	1418.64	17.35	14698.25
Nov 6, 3:00 AM	2.86	18263.09	12.01	1478.36	17.34	14664.22
Nov 6, 4:00 AM	3.15	18276.93	12.16	1489.58	17.80	14651.92
Nov 6, 5:00 AM	3.56	18327.51	12.50	1510.93	18.18	14640.80
Nov 6, 6:00 AM	3.44	18832.29	12.46	1497.80	18.60	14639.98
Nov 6, 7:00 AM	3.67	18626.90	12.44	1493.40	18.72	14642.17
Nov 6, 8:00 AM	3.73	18670.52	12.01	1491.87	18.92	14648.55
Nov 6, 9:00 AM	3.60	18818.41	11.76	1515.49	18.42	14650.26
Nov 6, 10:00 AM	3.67	18710.85	11.99	1517.01	18.76	14637.83
Nov 6, 11:00 AM	3.63	18897.87	12.71	1505.70	18.66	14632.59
Nov 6, 12:00 PM	3.94	17866.46	12.74	1495.90	17.60	14643.76
Nov 6, 1:00 PM	3.70	17911.14	12.79	1497.34	17.09	14641.17
Nov 6, 2:00 PM	3.47	18259.76	12.68	1505.77	17.18	14662.56
Nov 6, 3:00 PM	4.66	18205.44	12.33	1492.03	17.09	14648.13
Nov 6, 4:00 PM	4.57	18884.46	11.79	1485.72	17.47	14658.32
Nov 6, 5:00 PM	3.64	18895.56	11.78	1481.10	17.37	14679.53
Nov 6, 6:00 PM	3.12	19602.99	12.35	1474.00	17.85	14658.30
Nov 6, 7:00 PM	2.89	19393.46	12.62	1457.07	18.12	14654.28
Nov 6, 8:00 PM	2.83	19571.27	12.64	1442.31	18.71	14652.47
Nov 6, 9:00 PM	2.90	19977.67	12.99	1432.78	18.77	14657.43
Nov 6, 10:00 PM	2.91	19763.78	13.07	1424.67	18.91	14646.00

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 6, 11:00 PM	2.77	20428.42	12.87	1422.98	18.90	14662.56
Nov 7, 12:00 AM	2.95	19336.64	12.81	1442.67	19.31	14664.99
Nov 7, 1:00 AM	3.18	19339.00	12.11	1424.19	19.20	14671.17
Nov 7, 2:00 AM	3.77	20537.59	12.94	1428.15	19.34	14690.61
Nov 7, 3:00 AM	4.21	22503.19	13.09	1424.71	19.40	14679.59
Nov 7, 4:00 AM	4.11	23234.53	12.78	1422.41	19.73	14673.07
Nov 7, 5:00 AM	3.89	23309.68	12.30	1411.39	19.66	14673.28
Nov 7, 6:00 AM	3.73	23332.00	11.93	1409.52	19.97	14678.84
Nov 7, 7:00 AM	4.93	23604.39	11.01	1424.00	19.78	14674.14
Nov 7, 8:00 AM	5.74	23474.99	9.74	1460.23	19.45	14669.03
Nov 7, 9:00 AM	3.83	22811.05	9.52	1477.55	18.92	14649.36
Nov 7, 10:00 AM	4.23	22928.07	11.63	1471.81	19.14	14658.23
Nov 7, 11:00 AM	4.42	21782.81	12.18	1467.07	18.60	14646.71
Nov 7, 12:00 PM	4.13	21961.15	12.32	1470.34	18.53	14648.92
Nov 7, 1:00 PM	6.42	22615.36	12.33	1475.22	17.82	14646.29
Nov 7, 2:00 PM	32.97	22695.63	12.05	1442.02	17.99	14637.15
Nov 7, 3:00 PM	8.38	22851.31	11.84	1416.61	17.34	14668.35
Nov 7, 4:00 PM	4.28	21321.27	11.65	1410.20	17.60	14652.21
Nov 7, 5:00 PM	3.45	18428.23	11.40	1419.25	20.65	14665.79
Nov 7, 6:00 PM	3.85	19294.25	11.49	1441.79	19.70	14677.03
Nov 7, 7:00 PM	4.09	19839.63	11.85	1443.77	18.60	14665.61
Nov 7, 8:00 PM	4.11	20229.49	12.16	1460.11	18.03	14659.51
Nov 7, 9:00 PM	4.34	20138.99	12.15	1463.52	17.60	14667.99
Nov 7, 10:00 PM	4.43	20120.29	12.23	1465.19	17.52	14672.96
Nov 7, 11:00 PM	4.10	20307.59	12.83	1475.08	17.01	14661.39
Nov 8, 12:00 AM	4.01	20367.52	12.66	1479.18	16.67	14669.34
Nov 8, 1:00 AM	3.89	20459.22	12.52	1490.91	16.23	14678.47
Nov 8, 2:00 AM	4.11	20635.91	12.94	1505.33	16.42	14683.80
Nov 8, 3:00 AM	4.88	21557.84	13.35	1514.80	16.34	14673.76



O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 8, 4:00 AM	4.55	21760.61	12.68	1517.89	17.10	14654.83
Nov 8, 5:00 AM	4.64	21298.31	12.50	1529.45	16.72	14660.22
Nov 8, 6:00 AM	4.68	21213.71	12.78	1533.76	17.05	14647.71
Nov 8, 7:00 AM	4.53	20767.69	12.98	1522.88	16.52	14673.51
Nov 8, 8:00 AM	4.53	20283.38	12.85	1513.26	16.62	14678.91
Nov 8, 9:00 AM	4.53	20805.14	12.83	1516.33	16.20	14661.62
Nov 8, 10:00 AM	4.43	20886.51	13.22	1505.10	16.42	14655.52
Nov 8, 11:00 AM	4.67	21070.83	13.47	1497.22	16.29	14646.32
Nov 8, 12:00 PM	4.94	20675.06	13.42	1475.19	16.00	14646.04
Nov 8, 1:00 PM	4.62	21050.46	13.02	1461.49	15.22	14650.70
Nov 8, 2:00 PM	4.59	20460.67	12.80	1458.43	15.40	14658.11
Nov 8, 3:00 PM	4.79	20026.15	12.72	1446.46	15.62	14651.62
Nov 8, 4:00 PM	4.71	20328.97	12.10	1445.39	15.72	14660.33
Nov 8, 5:00 PM	4.90	20200.33	11.88	1443.19	15.68	14671.76
Nov 8, 6:00 PM	4.89	19467.88	12.32	1442.00	15.90	14666.64
Nov 8, 7:00 PM	4.53	20007.10	12.18	1508.60	15.91	14667.58
Nov 8, 8:00 PM	4.44	20237.09	11.81	1503.19	15.82	14657.90
Nov 8, 9:00 PM	4.97	20276.39	12.43	1489.90	16.01	14658.61
Nov 8, 10:00 PM	4.70	20294.33	12.31	1487.30	15.80	14660.39
Nov 8, 11:00 PM	4.46	20893.23	11.54	1484.36	16.06	14658.34
Nov 9, 12:00 AM	4.36	20928.15	10.69	1475.27	15.73	14664.54
Nov 9, 1:00 AM	4.23	20831.28	9.56	1473.11	15.73	14673.99
Nov 9, 2:00 AM	4.60	20913.86	9.32	1484.24	15.76	14657.48
Nov 9, 3:00 AM	4.69	21117.41	9.36	1481.70	15.62	14647.94
Nov 9, 4:00 AM	5.82	21007.37	9.82	1506.89	15.65	14666.92
Nov 9, 5:00 AM	6.12	21050.50	10.83	1498.49	15.55	14653.78
Nov 9, 6:00 AM	5.86	21005.28	12.28	1512.78	15.22	14651.08
Nov 9, 7:00 AM	5.72	21476.20	13.04	1508.44	15.06	14681.52
Nov 9, 8:00 AM	11.44	21322.49	12.70	1525.82	14.93	14677.68

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 9, 9:00 AM	5.26	21442.36	12.86	1520.76	15.00	14665.32
Nov 9, 10:00 AM	5.50	21270.07	12.80	1514.73	14.74	14662.47
Nov 9, 11:00 AM	6.14	21398.09	10.21	1508.58	14.36	14662.72
Nov 9, 12:00 PM	5.40	21557.09	10.11	1492.25	14.55	14662.99
Nov 9, 1:00 PM	4.33	21405.21	10.59	1476.24	14.31	14651.67
Nov 9, 2:00 PM	3.91	21454.25	11.95	1474.96	14.41	14658.13
Nov 9, 3:00 PM	6.96	21571.38	12.32	1469.86	14.67	14661.89
Nov 9, 4:00 PM	8.11	21168.63	12.54	1478.22	14.81	14658.48
Nov 9, 5:00 PM	5.67	21354.12	12.70	1473.95	14.85	14664.09
Nov 9, 6:00 PM	5.34	21060.19	12.60	1494.72	14.81	14663.36
Nov 9, 7:00 PM	4.85	21090.68	12.36	1508.82	14.99	14655.33
Nov 9, 8:00 PM	4.78	21524.75	11.86	1504.54	14.65	14657.83
Nov 9, 9:00 PM	4.90	21620.72	10.44	1507.74	14.57	14665.64
Nov 9, 10:00 PM	5.78	21060.41	9.69	1501.27	14.22	14661.51
Nov 9, 11:00 PM	6.39	21215.38	10.01	1509.49	14.36	14668.56
Nov 10, 12:00 AM	6.59	21235.27	10.54	1515.09	14.39	14659.50
Nov 10, 1:00 AM	6.40	21735.22	10.69	1518.61	14.05	14664.56
Nov 10, 2:00 AM	6.39	21580.70	10.54	1510.59	14.16	14666.98
Nov 10, 3:00 AM	6.17	21254.65	10.16	1498.84	14.25	14663.64
Nov 10, 4:00 AM	5.54	21584.74	9.84	1500.54	14.10	14657.46
Nov 10, 5:00 AM	6.46	21653.16	10.11	1493.81	14.15	14666.73
Nov 10, 6:00 AM	6.02	21270.58	10.31	1472.24	13.85	14670.57
Nov 10, 7:00 AM	5.57	20963.93	10.90	1472.82	14.05	14711.72
Nov 10, 8:00 AM	6.17	21455.75	11.09	1487.80	13.65	14708.77
Nov 10, 9:00 AM	5.97	20662.37	10.89	1488.87	13.60	14742.87
Nov 10, 10:00 AM	5.36	21912.69	10.94	1525.31	13.64	14682.95
Nov 10, 11:00 AM	5.24	21730.58	10.80	1501.90	13.84	14655.81
Nov 10, 12:00 PM	4.99	21622.13	11.87	1488.05	13.47	14664.88
Nov 10, 1:00 PM	5.01	21521.51	12.74	1497.80	13.24	14670.45

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 10, 2:00 PM	5.09	21411.09	12.88	1481.37	12.74	14674.56
Nov 10, 3:00 PM	5.22	21888.82	13.26	1480.03	12.84	14672.20
Nov 10, 4:00 PM	5.21	21861.00	13.21	1472.93	12.87	14674.77
Nov 10, 5:00 PM	6.09	21523.27	13.16	1465.89	13.00	14664.47
Nov 10, 6:00 PM	6.09	21198.17	13.04	1462.70	12.53	14660.01
Nov 10, 7:00 PM	6.13	21073.13	12.91	1479.00	12.39	14677.90
Nov 10, 8:00 PM	5.86	20715.52	12.79	1471.28	12.42	14697.08
Nov 10, 9:00 PM	5.76	20224.56	13.36	1478.73	16.25	14667.41
Nov 10, 10:00 PM	5.81	20583.80	13.41	1495.91	16.55	14670.27
Nov 10, 11:00 PM	6.09	19305.04	13.30	1525.28	13.90	14680.89
Nov 11, 12:00 AM	6.06	18797.69	13.68	1546.72	13.22	14661.38
Nov 11, 1:00 AM	5.61	19636.21	13.47	1574.07	13.11	14672.32
Nov 11, 2:00 AM	5.93	19124.28	13.83	1585.47	12.70	14674.21
Nov 11, 3:00 AM	5.84	19558.54	13.47	1595.22	12.65	14673.18
Nov 11, 4:00 AM	5.75	19792.27	13.47	1611.73	12.28	14678.30
Nov 11, 5:00 AM	5.95	19616.68	13.78	1614.15	11.83	14671.50
Nov 11, 6:00 AM	5.87	19746.96	13.63	1610.04	11.65	14665.25
Nov 11, 7:00 AM	5.94	19385.41	13.62	1606.34	11.86	14666.58
Nov 11, 8:00 AM	6.02	19554.33	13.91	1609.19	11.64	14666.49
Nov 11, 9:00 AM	5.63	19838.75	13.84	1609.38	11.61	14658.82
Nov 11, 10:00 AM	6.00	19742.29	13.85	1604.39	11.35	14659.96
Nov 11, 11:00 AM	6.08	19797.51	13.69	1603.05	11.98	14658.16
Nov 11, 12:00 PM	6.43	19650.81	13.66	1599.72	11.46	14663.66
Nov 11, 1:00 PM	6.43	20056.28	13.81	1588.04	11.49	14653.00
Nov 11, 2:00 PM	6.38	20237.64	13.93	1569.76	11.76	14661.40
Nov 11, 3:00 PM	8.29	20084.22	14.05	1546.00	11.84	14671.06
Nov 11, 4:00 PM	6.99	20360.19	13.73	1530.92	12.05	14669.60
Nov 11, 5:00 PM	6.18	19664.30	13.50	1523.65	12.41	14673.94
Nov 11, 6:00 PM	6.14	19876.71	13.12	1523.89	12.21	14664.46

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 11, 7:00 PM	6.46	20085.15	12.07	1550.16	12.43	14665.69
Nov 11, 8:00 PM	7.65	20457.28	10.73	1552.02	12.03	14664.62
Nov 11, 9:00 PM	7.72	20562.82	10.59	1569.44	11.97	14664.29
Nov 11, 10:00 PM	8.37	20560.46	10.13	1564.06	11.73	14667.98
Nov 11, 11:00 PM	7.13	20294.43	10.19	1556.03	11.54	14678.76
Nov 12, 12:00 AM	6.69	20033.88	11.45	1540.97	11.45	14689.46
Nov 12, 1:00 AM	6.35	19925.86	12.67	1551.64	11.61	14691.01
Nov 12, 2:00 AM	6.16	19921.61	14.11	1557.17	11.81	14703.83
Nov 12, 3:00 AM	6.10	20062.20	15.18	1564.37	11.77	14691.53
Nov 12, 4:00 AM	6.33	19930.23	14.97	1577.04	11.89	14689.59
Nov 12, 5:00 AM	6.23	19867.06	13.96	1583.46	11.64	14698.20
Nov 12, 6:00 AM	6.78	19932.51	13.44	1581.20	12.02	14710.95
Nov 12, 7:00 AM	7.08	20576.21	13.88	1583.42	12.20	14683.07
Nov 12, 8:00 AM	7.74	20982.11	14.10	1596.40	12.04	14680.90
Nov 12, 9:00 AM	7.73	20997.19	13.89	1596.09	11.95	14694.91
Nov 12, 10:00 AM	7.89	20765.19	14.34	1596.12	12.11	14687.37
Nov 12, 11:00 AM	8.21	20805.60	13.94	1596.17	12.27	14659.55
Nov 12, 12:00 PM	8.55	20905.72	12.88	1594.81	11.71	14666.78
Nov 12, 1:00 PM	8.38	20678.53	11.04	1598.19	11.83	14649.16
Nov 12, 2:00 PM	8.61	20706.00	10.42	1601.63	11.79	14655.65
Nov 12, 3:00 PM	8.60	20716.66	10.57	1594.92	12.14	14660.86
Nov 12, 4:00 PM	9.66	20753.28	10.58	1599.47	12.19	14662.95
Nov 12, 5:00 PM	10.82	20537.23	10.70	1599.18	12.02	14664.97
Nov 12, 6:00 PM	9.21	20686.27	11.16	1610.38	12.05	14662.66
Nov 12, 7:00 PM	8.38	20947.28	11.31	1591.94	11.97	14653.76
Nov 12, 8:00 PM	7.64	21130.12	11.38	1634.36	11.95	14656.38
Nov 12, 9:00 PM	7.36	21031.06	11.99	1600.65	11.93	14660.79
Nov 12, 10:00 PM	6.84	20820.22	12.10	1570.23	11.67	14660.31
Nov 12, 11:00 PM	5.85	21013.51	12.69	1580.35	11.59	14668.56

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 13, 12:00 AM	4.41	21259.03	13.99	1568.46	11.28	14681.82
Nov 13, 1:00 AM	4.18	21087.20	13.96	1574.11	11.53	14688.63
Nov 13, 2:00 AM	3.91	20978.42	13.79	1572.77	11.43	14678.67
Nov 13, 3:00 AM	3.24	21219.58	14.50	1574.48	11.48	14683.27
Nov 13, 4:00 AM	2.95	21732.35	14.33	1589.08	11.31	14678.51
Nov 13, 5:00 AM	2.73	21705.44	14.40	1556.21	11.35	14674.89
Nov 13, 6:00 AM	2.59	21231.41	14.63	1555.67	11.00	14683.15
Nov 13, 7:00 AM	2.83	21018.08	14.70	1548.84	11.14	14692.48
Nov 13, 8:00 AM	3.18	21077.09	14.70	1575.24	11.14	14680.58
Nov 13, 9:00 AM	3.30	21426.26	14.55	1576.89	11.33	14678.21
Nov 13, 10:00 AM	4.68	21865.08		1551.30	11.18	14673.79
Nov 13, 11:00 AM	8.44	21995.04		1526.15	10.64	14679.84
Nov 13, 12:00 PM	6.83	22569.66		1494.76	10.32	14667.39
Nov 13, 1:00 PM	5.63	22248.49		1468.13	10.31	14664.72
Nov 13, 2:00 PM	5.92	22531.47		1432.31	9.99	14669.23
Nov 13, 3:00 PM	5.77	21331.27		1457.42	10.58	14683.29
Nov 13, 4:00 PM	5.72	21365.14		1463.98	11.31	14683.97
Nov 13, 5:00 PM	5.54	21489.97		1479.15	11.43	14681.15
Nov 13, 6:00 PM	5.46	21922.35		1490.80	11.34	14670.51
Nov 13, 7:00 PM	7.80	22071.34		1491.91	11.06	14660.31
Nov 13, 8:00 PM	11.83	21932.28		1497.39	11.05	14661.05
Nov 13, 9:00 PM	54.33	21594.05		1518.98	10.61	14656.66
Nov 13, 10:00 PM	64.40	22095.54		1525.04	10.27	14667.89
Nov 13, 11:00 PM	12.81	22185.76		1530.70	10.16	14669.76
Nov 14, 12:00 AM	7.64	22333.30		1531.37	9.81	14681.79
Nov 14, 1:00 AM	7.12	23602.66		1540.08	9.55	14700.26
Nov 14, 2:00 AM	7.10	23270.50		1531.07	12.66	14625.50
Nov 14, 3:00 AM	7.72	22293.57		1533.27	21.37	14674.04
Nov 14, 4:00 AM	7.00	23252.59		1537.70	10.71	14496.19

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 14, 5:00 AM	10.90	21501.31		1549.50	8.85	14569.24
Nov 14, 6:00 AM	16.88	20783.40		1568.24	7.86	14329.15
Nov 14, 7:00 AM	16.46	21989.46		1584.91	7.28	14198.72
Nov 14, 8:00 AM	6.76	21964.02		1604.74	6.67	14098.11
Nov 14, 9:00 AM	4.93	22850.15		1607.30	6.41	13848.05
Nov 14, 10:00 AM	6.56	22690.49		1610.31	5.73	13702.85
Nov 14, 11:00 AM	7.38	23139.16		1594.87	5.18	13811.89
Nov 14, 12:00 PM	8.46	22855.28		1581.91	5.17	13867.61
Nov 14, 1:00 PM	9.18	22296.26		1586.49	5.22	13637.64
Nov 14, 2:00 PM	7.58	22390.62		1584.51	5.81	13649.84
Nov 14, 3:00 PM	6.81	22917.69		1598.89	5.43	13356.83
Nov 14, 4:00 PM	6.02	22649.11		1596.74	5.31	13450.07
Nov 14, 5:00 PM	5.74	22301.23		1584.48	5.32	13519.10
Nov 14, 6:00 PM	6.97	22514.71		1585.76	5.64	13523.50
Nov 14, 7:00 PM	7.32	22653.44		1575.73	5.49	13451.09
Nov 14, 8:00 PM	7.60	22268.55		1573.93	5.69	13499.94
Nov 14, 9:00 PM	7.90	21730.15		1573.72	5.41	13588.53
Nov 14, 10:00 PM	8.43	21374.69		1579.81	5.86	13502.94
Nov 14, 11:00 PM	10.34	22592.54		1599.44	5.53	13449.54
Nov 15, 12:00 AM	22.37	23196.04		1562.50	5.83	13330.13
Nov 15, 1:00 AM	8.91	23127.12		1564.91	5.78	13356.66
Nov 15, 2:00 AM	8.08	21890.71		1557.36	5.58	13435.17
Nov 15, 3:00 AM	8.31	21050.87		1553.16	5.59	13618.22
Nov 15, 4:00 AM	7.77	22202.74		1566.17	5.93	13446.71
Nov 15, 5:00 AM	7.92	22108.43		1570.12	5.94	13424.43
Nov 15, 6:00 AM	7.98	21821.58		1571.47	6.04	13445.14
Nov 15, 7:00 AM	7.68	22642.76		1575.03	5.81	13361.39
Nov 15, 8:00 AM	7.47	22474.51		1587.08	5.95	13261.50
Nov 15, 9:00 AM	7.55	22766.03		1584.44	5.74	13185.98

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 15, 10:00 AM	8.06	22933.29		1573.21	5.68	13190.00
Nov 15, 11:00 AM	7.79	23396.58		1562.06	5.75	13178.06
Nov 15, 12:00 PM	6.16	23339.29		1537.63	5.58	13174.49
Nov 15, 1:00 PM	6.19	23264.62		1526.96	5.67	13296.02
Nov 15, 2:00 PM	7.05	23077.01		1532.48	5.81	13370.04
Nov 15, 3:00 PM	6.29	23632.02		1505.78	6.06	13496.87
Nov 15, 4:00 PM	8.37	23336.71		1494.21	6.37	13625.96
Nov 15, 5:00 PM	8.61	23068.15		1479.51	6.26	13697.18
Nov 15, 6:00 PM	7.26	22826.90		1471.47	6.49	13678.10
Nov 15, 7:00 PM	7.06	22574.47		1480.40	6.61	13541.59
Nov 15, 8:00 PM	6.95	23124.00		1495.04	6.67	13341.35
Nov 15, 9:00 PM	7.03	23149.36		1509.48	6.55	13381.02
Nov 15, 10:00 PM	7.15	22727.22		1517.61	6.54	13436.71
Nov 15, 11:00 PM	6.83	22877.98		1535.85	6.44	13203.92
Nov 16, 12:00 AM	6.66	23101.24		1535.90	6.46	12973.93
Nov 16, 1:00 AM	6.57	23107.77		1545.71	6.35	13045.89
Nov 16, 2:00 AM	6.75	22936.09		1537.66	6.40	13137.47
Nov 16, 3:00 AM	6.68	23191.53		1530.50	6.01	13188.69
Nov 16, 4:00 AM	6.71	23214.49		1518.69	6.35	13216.05
Nov 16, 5:00 AM	6.71	23008.26		1505.46	6.16	13324.71
Nov 16, 6:00 AM	6.88	23011.06		1513.25	6.42	13333.23
Nov 16, 7:00 AM	6.71	22518.51		1519.16	6.45	13171.31
Nov 16, 8:00 AM	6.62	22619.87		1524.96	6.54	13143.64
Nov 16, 9:00 AM	6.86	22516.06		1534.25	6.43	13332.05
Nov 16, 10:00 AM	6.82	22747.19		1532.78	6.34	13435.70
Nov 16, 11:00 AM	6.79	22898.80		1518.29	6.35	13512.32
Nov 16, 12:00 PM	5.77	22592.64		1504.22	6.30	13601.04
Nov 16, 1:00 PM	6.15	22480.44		1494.34	6.16	13665.85
Nov 16, 2:00 PM	6.03	23041.57		1452.60	6.30	13585.15

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 16, 3:00 PM	6.12	22386.18		1463.40	6.23	13637.18
Nov 16, 4:00 PM	11.50	22630.87		1501.37	6.16	13550.75
Nov 16, 5:00 PM	12.23	22794.59		1533.01	5.84	13470.20
Nov 16, 6:00 PM	7.41	22647.04		1540.22	5.89	13432.62
Nov 16, 7:00 PM	7.33	22647.44		1548.32	5.84	13308.04
Nov 16, 8:00 PM	6.09	22823.49		1551.28	5.68	13232.03
Nov 16, 9:00 PM	5.88	22599.46		1556.84	5.60	13213.01
Nov 16, 10:00 PM	5.72	22667.89		1558.45	5.78	13210.19
Nov 16, 11:00 PM	5.65	22705.86		1555.10	5.62	13238.10
Nov 17, 12:00 AM	5.37	22766.23		1554.41	5.62	13230.75
Nov 17, 1:00 AM	5.02	22796.89		1549.73	5.87	13214.78
Nov 17, 2:00 AM	4.96	22736.55		1553.66	5.86	13257.65
Nov 17, 3:00 AM	4.54	22838.47		1549.88	5.69	13239.55
Nov 17, 4:00 AM	4.54	22913.42		1550.68	5.81	13350.72
Nov 17, 5:00 AM	4.64	22740.44		1546.76	5.54	13762.87
Nov 17, 6:00 AM	4.67	22752.13		1543.55	11.30	13700.58
Nov 17, 7:00 AM	5.26	22652.58		1541.18	30.18	13653.37
Nov 17, 8:00 AM	6.24	22818.63		1550.85	11.07	13652.18
Nov 17, 9:00 AM	5.83	22863.95		1560.30	8.60	13664.11
Nov 17, 10:00 AM	5.66	22993.73		1558.32	7.18	13778.70
Nov 17, 11:00 AM	4.95	23127.29		1545.15	6.64	13856.34
Nov 17, 12:00 PM	4.56	23023.95		1542.40	6.18	13969.32
Nov 17, 1:00 PM	4.54	22582.54		1533.35	6.07	14002.68
Nov 17, 2:00 PM	4.49	22924.30		1518.52	5.87	13963.27
Nov 17, 3:00 PM	4.35	23238.36		1508.94	4.99	13969.36
Nov 17, 4:00 PM	4.31	22971.22		1509.42	5.31	14003.41
Nov 17, 5:00 PM	4.20	22835.70		1512.95	5.51	13809.19
Nov 17, 6:00 PM	4.23	22987.03		1515.34	6.00	13545.00
Nov 17, 7:00 PM	4.43	23083.62		1511.26	6.00	13553.40



O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 17, 8:00 PM	4.51	22891.37		1515.22	5.82	13587.47
Nov 17, 9:00 PM	4.62	22957.56		1520.90	6.01	13593.95
Nov 17, 10:00 PM	4.58	22997.83		1530.25	6.10	13635.46
Nov 17, 11:00 PM	4.74	22724.90		1515.93	6.38	13662.99
Nov 18, 12:00 AM	7.93	22649.49		1524.99	6.00	13663.92
Nov 18, 1:00 AM	7.63	22674.21		1521.33	5.86	13608.23
Nov 18, 2:00 AM	5.64	22933.21		1541.85	5.89	13505.11
Nov 18, 3:00 AM	5.65	22371.79		1524.76	5.92	13562.27
Nov 18, 4:00 AM	4.95	22685.35		1554.69	5.66	13448.47
Nov 18, 5:00 AM	4.69	22741.14		1547.08	5.83	13288.79
Nov 18, 6:00 AM	17.46	23311.16		1549.51	5.78	13202.59
Nov 18, 7:00 AM	1004.30	22998.67		1548.75	5.94	13264.30
Nov 18, 8:00 AM	41.71	22862.66		1556.30	5.58	13139.96
Nov 18, 9:00 AM	7.10	22404.61		1558.86	5.50	13040.88
Nov 18, 10:00 AM	6.19	23017.83		1566.40	5.31	12987.42
Nov 18, 11:00 AM	7.46	23166.65		1550.60	5.31	13210.12
Nov 18, 12:00 PM	7.44	22969.05		1540.01	5.24	13561.58
Nov 18, 1:00 PM	8.00	22384.09		1500.54	5.45	13605.81
Nov 18, 2:00 PM	25.54	22022.00		1485.20	5.74	14356.17
Nov 18, 3:00 PM	183.64	21180.50	11.49	1484.29	6.33	14576.58
Nov 18, 4:00 PM	41.93	21730.93	13.17	1454.85	6.21	13289.24
Nov 18, 5:00 PM	7.14	22292.14	14.81	1433.76	6.06	13164.84
Nov 18, 6:00 PM	6.10	22297.49	15.11	1402.81	6.09	12997.43
Nov 18, 7:00 PM	5.95	22741.41	14.85	1384.36	6.31	12859.14
Nov 18, 8:00 PM	6.87	23034.46	15.01	1369.48	6.23	12869.60
Nov 18, 9:00 PM	8.74	23044.27	15.07	1367.27	6.47	12937.06
Nov 18, 10:00 PM	8.71	23414.14	15.11	1364.72	6.32	12911.05
Nov 18, 11:00 PM	7.06	23638.23	15.12	1357.32	6.44	12798.07
Nov 19, 12:00 AM	6.78	23632.37	15.05	1351.07	6.36	12728.39

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 19, 1:00 AM	7.13	23532.94	15.34	1350.48	6.58	12686.46
Nov 19, 2:00 AM	6.90	23621.18	15.51	1349.13	6.75	12641.81
Nov 19, 3:00 AM	8.14	23532.80	15.61	1343.34	6.59	12612.97
Nov 19, 4:00 AM	7.58	23567.51	15.53	1346.66	6.84	12564.44
Nov 19, 5:00 AM	7.56	23651.19	15.66	1348.84	6.96	12554.27
Nov 19, 6:00 AM	6.62	22917.18	15.51	1343.68	7.05	12653.92
Nov 19, 7:00 AM	8.05	22393.04	15.49	1343.41	6.70	12809.88
Nov 19, 8:00 AM	15.20	21654.69	15.69	1357.12	6.52	12997.29
Nov 19, 9:00 AM	20.78	21708.38	15.64	1389.13	6.14	13119.59
Nov 19, 10:00 AM	13.31	21280.51	15.63	1386.88	5.92	13298.53
Nov 19, 11:00 AM	10.56	21518.25	15.48	1378.37	5.75	13436.89
Nov 19, 12:00 PM	7.96	21342.08	15.39	1370.51	5.84	13573.81
Nov 19, 1:00 PM	6.78	21139.01	15.38	1376.06	5.64	13472.88
Nov 19, 2:00 PM	7.25	21137.62	15.34	1386.92	5.90	13453.97
Nov 19, 3:00 PM	7.80	21281.76	15.70	1389.59	6.02	13479.29
Nov 19, 4:00 PM	7.88	21282.06	15.94	1396.82	6.02	13547.31
Nov 19, 5:00 PM	7.86	21076.93	15.72	1394.92	6.20	13609.60
Nov 19, 6:00 PM	7.64	21321.64	15.81	1387.35	6.29	13648.66
Nov 19, 7:00 PM	7.58	21050.05	16.04	1340.86	6.41	13644.29
Nov 19, 8:00 PM	7.65	21102.72	16.19	1400.83	6.48	13625.04
Nov 19, 9:00 PM	8.20	21686.59	16.12	1382.52	6.72	13651.82
Nov 19, 10:00 PM	23.34	21320.16	16.11	1387.98	6.64	13775.91
Nov 19, 11:00 PM	18.94	20963.36	16.06	1385.54	6.41	13829.52
Nov 20, 12:00 AM	9.65	21177.20	15.94	1402.37	6.37	13733.78
Nov 20, 1:00 AM	8.24	20758.79	15.60	1397.66	6.29	13765.23
Nov 20, 2:00 AM	7.46	20687.60	15.27	1401.58	6.13	13709.64
Nov 20, 3:00 AM	7.27	20987.21	15.23	1389.52	6.16	13568.52
Nov 20, 4:00 AM	7.42	20462.32	15.43	1407.20	6.22	13601.04
Nov 20, 5:00 AM	7.61	20031.81	15.45	1430.77	6.34	13580.02

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 20, 6:00 AM	7.52	20442.60	15.37	1443.60	6.38	13445.03
Nov 20, 7:00 AM	7.55	20446.19	15.81	1444.44	6.30	13293.39
Nov 20, 8:00 AM	7.97	20906.57	16.05	1434.30	6.35	13522.91
Nov 20, 9:00 AM	8.23	21283.32	15.78	1431.24	6.15	13870.86
Nov 20, 10:00 AM	8.73	20971.27	15.78	1414.16	10.18	13943.19
Nov 20, 11:00 AM	9.55	21110.16	15.44	1409.21	25.69	14055.92
Nov 20, 12:00 PM	9.75	20913.09	15.55	1401.19	10.42	14082.78
Nov 20, 1:00 PM	7.86	20909.13	15.67	1396.82	8.95	14012.51
Nov 20, 2:00 PM	7.13	20450.12	15.57	1381.01	8.06	13804.38
Nov 20, 3:00 PM	6.95	20307.28	15.92	1399.28	7.42	13511.86
Nov 20, 4:00 PM	7.61	20141.73	16.13	1433.76	6.90	13338.83
Nov 20, 5:00 PM	8.54	20355.96	15.83	1424.38	6.47	13090.47
Nov 20, 6:00 PM	8.48	20727.44	15.88	1442.00	5.89	12983.37
Nov 20, 7:00 PM	11.04	20651.64	15.58	1457.21	5.45	12993.12
Nov 20, 8:00 PM	13.81	20890.44	14.82	1459.90	5.23	12867.33
Nov 20, 9:00 PM	13.63	21128.60	14.78	1456.86	5.43	12453.21
Nov 20, 10:00 PM	10.19	21015.72	14.61	1458.35	5.26	12339.53
Nov 20, 11:00 PM	8.29	20992.96	14.64	1456.50	5.38	12281.98
Nov 21, 12:00 AM	7.64	21095.84	14.64	1445.67	5.34	12262.08
Nov 21, 1:00 AM	7.62	21229.69	14.03	1459.47	5.55	12294.98
Nov 21, 2:00 AM	7.69	20875.42	13.61	1509.79	5.77	12439.56
Nov 21, 3:00 AM	7.51	20863.92	13.44	1492.57	6.16	12442.69
Nov 21, 4:00 AM	7.70	20770.44	13.96	1479.61	6.17	12459.39
Nov 21, 5:00 AM	8.05	20961.01	13.90	1470.76	5.89	12436.23
Nov 21, 6:00 AM	7.59	21134.32	13.66	1488.53	5.90	12365.42
Nov 21, 7:00 AM	7.52	21283.78	13.77	1484.43	5.82	12243.52
Nov 21, 8:00 AM	7.35	21150.94	14.16	1482.76	5.78	12217.37
Nov 21, 9:00 AM	7.57	21088.28	14.42	1485.82	5.70	12232.04
Nov 21, 10:00 AM	7.29	21008.93	14.46	1486.91	5.89	12218.78

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 21, 11:00 AM	7.63	20879.97	15.11	1483.13	5.72	12312.38
Nov 21, 12:00 PM	7.53	20660.97	14.89	1485.97	5.96	12478.36
Nov 21, 1:00 PM	7.99	20807.58	14.87	1470.27	6.08	12498.84
Nov 21, 2:00 PM	7.79	20678.76	15.14	1466.58	6.12	12428.88
Nov 21, 3:00 PM	7.53	21609.22	14.91	1470.32	6.17	12409.26
Nov 21, 4:00 PM	7.40	20819.91	14.51	1481.17	6.20	12561.62
Nov 21, 5:00 PM	7.93	21167.93	14.10	1466.49	6.31	12445.49
Nov 21, 6:00 PM	8.71	21196.82	13.96	1480.96	6.48	12400.27
Nov 21, 7:00 PM	7.66	21291.95	14.48	1462.84	6.60	12422.77
Nov 21, 8:00 PM	6.30	21235.79	15.38	1472.30	6.69	12429.41
Nov 21, 9:00 PM	6.14	20930.80	15.17	1477.28	6.79	12383.30
Nov 21, 10:00 PM	5.73	21498.78	15.72	1471.35	6.86	12310.29
Nov 21, 11:00 PM	7.30	21378.27	15.75	1467.50	6.98	12395.30
Nov 22, 12:00 AM	5.90	21126.47	15.63	1471.97	6.81	12511.63
Nov 22, 1:00 AM	6.05	20992.13	15.70	1475.00	6.86	12450.54
Nov 22, 2:00 AM	5.51	21507.19	15.79	1473.85	6.64	12441.52
Nov 22, 3:00 AM	6.13	21420.19	15.86	1461.97	6.96	12595.35
Nov 22, 4:00 AM	6.05	21183.97	15.89	1458.19	7.11	12736.67
Nov 22, 5:00 AM	5.96	21416.53	15.41	1452.22	7.15	12889.91
Nov 22, 6:00 AM	5.55	21041.96	15.43	1438.46	7.26	13004.67
Nov 22, 7:00 AM	6.17	21065.92	14.96	1460.27	7.44	12912.55
Nov 22, 8:00 AM	5.91	21041.72	14.89	1455.13	7.21	12845.90
Nov 22, 9:00 AM	6.67	21509.07	15.05	1453.94	7.28	12937.29
Nov 22, 10:00 AM	7.26	20822.05	15.22	1436.91	7.12	13258.81
Nov 22, 11:00 AM	7.60	20914.83	15.65	1434.92	6.84	13397.97
Nov 22, 12:00 PM	7.81	20615.40	15.54	1420.07	6.66	13535.93
Nov 22, 1:00 PM	7.98	19884.75	15.57	1406.23	6.54	13563.65
Nov 22, 2:00 PM	8.09	19006.23	15.77	1435.98	6.78	13633.81
Nov 22, 3:00 PM	9.04	18567.86	15.81	1425.49	6.88	13609.10

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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 22, 4:00 PM	9.09	19026.76	15.95	1434.97	6.99	13546.59
Nov 22, 5:00 PM	8.70	21153.16	15.99	1441.47	7.10	13336.43
Nov 22, 6:00 PM	8.33	21597.06	15.59	1420.89	7.60	13143.61
Nov 22, 7:00 PM	7.66	21981.52	15.47	1402.72	7.71	13120.76
Nov 22, 8:00 PM	7.05	23003.26	15.36	1374.14	7.89	12967.05
Nov 22, 9:00 PM	6.97	22448.22	15.46	1368.04	7.78	12945.88
Nov 22, 10:00 PM	6.55	22112.67	15.88	1363.25	7.93	12845.61
Nov 22, 11:00 PM	6.89	20872.97	15.78	1343.70	8.18	12970.91
Nov 23, 12:00 AM	6.82	21731.34	15.90	1369.22	8.25	13052.44
Nov 23, 1:00 AM	6.96	22377.65	15.84	1376.10	8.15	12866.85
Nov 23, 2:00 AM	6.52	23017.00	15.98	1379.24	8.26	12839.08
Nov 23, 3:00 AM	7.09	21069.15	15.83	1373.11	8.20	12922.99
Nov 23, 4:00 AM	7.06	20062.10	15.81	1373.54	8.34	13066.06
Nov 23, 5:00 AM	7.21	20310.46	15.76	1387.26	8.08	13045.81
Nov 23, 6:00 AM	7.29	19675.10	15.65	1396.98	8.40	13047.92
Nov 23, 7:00 AM	7.30	20595.04	15.57	1420.06	8.55	12982.91
Nov 23, 8:00 AM	12.98	20499.13	15.57	1429.82	8.58	12743.68
Nov 23, 9:00 AM	13.03	21116.46	15.03	1429.78	8.29	12692.25
Nov 23, 10:00 AM	11.14	20845.03	15.11	1442.24	8.13	12878.51
Nov 23, 11:00 AM	44.22	22885.27	14.70	1424.79	7.96	12928.55
Nov 23, 12:00 PM	8.93	23345.12	15.22	1408.77	8.01	12955.91
Nov 23, 1:00 PM	8.52	23837.87	15.16	1389.80	7.52	13287.85
Nov 23, 2:00 PM	8.43	23249.60	15.31	1380.88	11.65	13394.34
Nov 23, 3:00 PM	8.48	23534.05	15.54	1376.14	25.12	13209.56
Nov 23, 4:00 PM	8.72	24080.40	15.46	1352.25	12.15	12942.25
Nov 23, 5:00 PM	8.81	23708.01	15.72	1349.06	10.67	12873.63
Nov 23, 6:00 PM	9.12	23011.11	15.74	1353.04	10.25	12971.77
Nov 23, 7:00 PM	9.03	23196.04	15.70	1345.06	9.73	12907.26
Nov 23, 8:00 PM	8.84	23568.47	15.62	1349.34	9.61	12844.15

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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 23, 9:00 PM	8.86	22443.68	15.33	1350.06	9.08	12856.64
Nov 23, 10:00 PM	9.40	21088.17	15.52	1355.87	8.66	12971.34
Nov 23, 11:00 PM	9.44	20145.67	15.57	1365.48	8.20	12946.63
Nov 24, 12:00 AM	9.51	17718.82	15.98	1393.84	8.15	13122.06
Nov 24, 1:00 AM	8.59	19434.05	16.07	1432.14	8.18	12862.67
Nov 24, 2:00 AM	7.66	21309.41	15.31	1444.54	8.26	12399.87
Nov 24, 3:00 AM	7.28	22891.00	14.90	1437.41	10.88	14421.84
Nov 24, 4:00 AM	6.92	22756.82	14.46	1421.64	10.50	14687.61
Nov 24, 5:00 AM	7.00	23164.23	14.41	1400.70	10.23	14556.61
Nov 24, 6:00 AM	7.06	24340.65	14.56	1376.24	10.12	14427.43
Nov 24, 7:00 AM	7.61	23654.05	14.94	1352.45	9.92	14383.31
Nov 24, 8:00 AM	8.36	21357.56	15.11	1335.70	10.11	14595.48
Nov 24, 9:00 AM	8.61	19615.96	15.30	1339.90	10.11	15342.48
Nov 24, 10:00 AM	9.08	20118.07	14.83	1346.18	10.82	15894.55
Nov 24, 11:00 AM	8.57	20413.58	14.75	1349.86	11.64	16073.22
Nov 24, 12:00 PM	8.61	20786.54	14.08	1344.42	11.87	16369.94
Nov 24, 1:00 PM	8.09	20847.56	13.95	1345.70	12.36	16575.38
Nov 24, 2:00 PM	8.49	21021.30	13.77	1332.53	12.57	16768.00
Nov 24, 3:00 PM	8.65	20746.99	13.41	1336.31	12.66	17077.56
Nov 24, 4:00 PM	9.49	20731.36	13.53	1331.14	12.67	17040.67
Nov 24, 5:00 PM	10.18	21392.33	13.69	1333.22	12.87	16861.48
Nov 24, 6:00 PM	9.20	21243.98	13.60	1331.95	13.12	16881.87
Nov 24, 7:00 PM	9.03	21159.67	13.68	1333.37	13.24	17023.20
Nov 24, 8:00 PM	11.10	20776.88	14.75	1333.93	13.92	17071.08
Nov 24, 9:00 PM	10.27	21534.58	15.63	1341.71	14.51	16977.79
Nov 24, 10:00 PM	13.47	21367.75	15.86	1331.02	14.75	16935.51
Nov 24, 11:00 PM	18.15	21439.21	15.92	1339.52	14.86	16985.89
Nov 25, 12:00 AM	20.81	21026.07	15.40	1338.54	15.05	17010.75
Nov 25, 1:00 AM	14.29	20930.89	15.26	1330.81	14.87	17223.56

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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 25, 2:00 AM	14.40	19769.52	15.29	1338.19	14.74	17538.54
Nov 25, 3:00 AM	20.29	19231.49	14.90	1343.92	14.81	17787.61
Nov 25, 4:00 AM	12.66	19545.74	14.79	1346.14	14.99	17763.93
Nov 25, 5:00 AM	10.08	19738.19	14.24	1356.89	15.15	17779.46
Nov 25, 6:00 AM	7.80	19540.04	13.76	1359.46	15.05	18074.11
Nov 25, 7:00 AM	8.94	19457.45	12.91	1353.09	15.03	18459.63
Nov 25, 8:00 AM	7.37	20008.87	12.70	1342.36	15.10	18435.38
Nov 25, 9:00 AM	7.92	19873.53	12.56	1337.46	14.88	18383.67
Nov 25, 10:00 AM	7.86	19711.54	12.77	1328.85	14.68	18464.03
Nov 25, 11:00 AM	8.19	19515.65	11.20	1323.42	15.51	18669.32
Nov 25, 12:00 PM	9.03	19250.04	13.45	1329.00	14.55	19223.49
Nov 25, 1:00 PM	10.20	18958.34	13.22	1311.94	14.60	19519.26
Nov 25, 2:00 PM	8.59	17931.07	13.16	1305.01	14.62	19517.96
Nov 25, 3:00 PM	8.35	18862.94	13.43	1320.60	14.96	19182.92
Nov 25, 4:00 PM	18.24	19477.17	13.24	1317.92	14.97	18975.20
Nov 25, 5:00 PM	87.48	19703.67	13.29	1328.35	14.87	18940.32
Nov 25, 6:00 PM	40.99	19854.62	13.63	1322.65	14.83	18929.13
Nov 25, 7:00 PM	12.63	20184.38	13.55	1320.19	14.98	18826.27
Nov 25, 8:00 PM	8.46	20352.57	13.56	1322.80	14.85	18666.61
Nov 25, 9:00 PM	7.51	20358.04	13.32	1326.36	14.52	18659.32
Nov 25, 10:00 PM	8.34	19887.00	13.66	1317.93	14.38	18761.45
Nov 25, 11:00 PM	8.53	19750.06	14.01	1319.62	14.43	18671.41
Nov 26, 12:00 AM	8.41	19535.43	13.63	1305.59	14.39	18517.74
Nov 26, 1:00 AM	8.27	19720.87	13.79	1312.61	14.44	18371.22
Nov 26, 2:00 AM	8.40	19536.40	13.72	1320.98	14.57	18349.97
Nov 26, 3:00 AM	8.66	19373.66	13.60	1323.02	14.86	18238.19
Nov 26, 4:00 AM	8.99	19350.10	13.65	1330.14	15.02	18138.22
Nov 26, 5:00 AM	9.06	19464.00	13.82	1335.66	15.00	17998.41
Nov 26, 6:00 AM	8.54	19403.60	13.50	1337.67	15.03	17872.85

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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 26, 7:00 AM	8.63	19552.55	13.07	1340.28	17.03	17818.68
Nov 26, 8:00 AM	8.14	19538.68	12.61	1339.68	18.56	17767.73
Nov 26, 9:00 AM	7.90	19477.15	12.73	1335.33	19.47	17672.98
Nov 26, 10:00 AM	8.14	19835.48	12.90	1342.47	20.02	17612.93
Nov 26, 11:00 AM	7.50	22249.76	13.11	1313.29	22.15	16677.00
Nov 26, 12:00 PM	6.76	26443.08	13.21	1166.30	21.54	14245.87
Nov 26, 1:00 PM	7.22	25270.70	13.15	991.53	19.01	12245.57
Nov 26, 2:00 PM	7.94	23688.65	13.04	836.96	17.63	11275.36
Nov 26, 3:00 PM	7.05	24804.01	12.55	794.68	16.62	10748.40
Nov 26, 4:00 PM	6.97	24917.20	12.03	728.50	15.69	10736.98
Nov 26, 5:00 PM	6.67	25438.25	11.80	661.78	14.38	11116.15
Nov 26, 6:00 PM	6.56	25687.94	11.90	661.16	22.07	11167.35
Nov 26, 7:00 PM	6.46	24837.19	11.55	739.80	38.24	11335.42
Nov 26, 8:00 PM	5.95	24866.84	11.70	688.73	18.46	11394.17
Nov 26, 9:00 PM	6.09	24301.77	12.06	681.60	15.53	11460.17
Nov 26, 10:00 PM	5.35	25252.54	12.65	701.57	14.90	11342.08
Nov 26, 11:00 PM	5.23	25474.36	11.50	688.37	13.96	11408.17
Nov 27, 12:00 AM	5.62	25088.26	11.75	698.92	13.67	11434.53
Nov 27, 1:00 AM	5.68	25009.00	12.26	734.42	12.93	11590.54
Nov 27, 2:00 AM	5.94	23882.92	12.36	743.06	12.23	11876.47
Nov 27, 3:00 AM	6.04	23732.78	12.40	776.21	11.17	12181.73
Nov 27, 4:00 AM	5.70	23825.21	12.89	818.67	11.13	12284.27
Nov 27, 5:00 AM	5.67	24339.45	13.04	828.70	11.25	11946.89
Nov 27, 6:00 AM	6.06	23533.82	13.38	833.34	11.22	11961.50
Nov 27, 7:00 AM	6.76	22361.56	13.49	878.78	11.38	12472.14
Nov 27, 8:00 AM	7.04	21424.37	13.66	914.79	11.52	13114.98
Nov 27, 9:00 AM	6.82	21829.94	13.96	1007.60	11.68	13436.45
Nov 27, 10:00 AM	6.52	21816.49	13.61	1045.43	12.00	13857.32
Nov 27, 11:00 AM	6.06	22524.25	13.58	1071.69	12.69	14094.58



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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 27, 12:00 PM	9.70	21881.32	13.10	1087.49	12.84	14598.42
Nov 27, 1:00 PM	9.28	21784.95	12.83	1122.55	13.04	14936.07
Nov 27, 2:00 PM	10.91	21239.34	13.16	1118.50	13.19	15299.00
Nov 27, 3:00 PM	12.40	21751.13	13.59	1136.76	13.22	15489.08
Nov 27, 4:00 PM	43.65	20393.15	13.15	1187.84	12.81	16198.90
Nov 27, 5:00 PM	15.78	19342.31	12.81	1204.64	12.43	16661.54
Nov 27, 6:00 PM	10.83	21162.99	12.95	1212.76	12.12	16665.54
Nov 27, 7:00 PM	9.54	21219.53	12.63	1214.66	11.96	16547.37
Nov 27, 8:00 PM	7.98	20983.56	11.71	1245.61	11.79	16868.35
Nov 27, 9:00 PM	8.18	20218.49	11.68	1281.82	11.76	17736.11
Nov 27, 10:00 PM	8.08	18764.34	11.88	1337.69	11.81	18459.72
Nov 27, 11:00 PM	8.46	19510.07	12.34	1351.09	12.03	18638.75
Nov 28, 12:00 AM	7.64	20214.54	12.15	1350.88	11.82	18512.86
Nov 28, 1:00 AM	7.40	20486.81	11.77	1380.32	11.87	18479.37
Nov 28, 2:00 AM	7.17	20720.05	11.86	1380.14	11.61	18464.03
Nov 28, 3:00 AM	7.56	20712.73	11.77	1361.31	11.78	18318.31
Nov 28, 4:00 AM	7.47	20421.80	12.59	1337.53	11.78	18233.71
Nov 28, 5:00 AM	7.45	20303.35	12.81	1345.96	11.72	18271.93
Nov 28, 6:00 AM	7.00	20407.71	12.41	1314.60	11.81	18351.11
Nov 28, 7:00 AM	7.52	19780.23	13.16	1309.61	11.65	18272.20
Nov 28, 8:00 AM	7.81	19957.45	12.67	1307.02	11.52	18199.61
Nov 28, 9:00 AM	7.53	20311.03	12.37	1299.14	11.61	18163.59
Nov 28, 10:00 AM	7.36	20664.06	12.51	1294.38	11.43	18137.60
Nov 28, 11:00 AM	7.67	20253.86	12.50	1301.03	11.41	18195.07
Nov 28, 12:00 PM	7.51	20166.87	12.70	1296.22	11.07	18227.35
Nov 28, 1:00 PM	7.25	20186.23	12.43	1291.35	11.14	18047.37
Nov 28, 2:00 PM	7.16	20351.16	12.42	1304.69	11.28	17871.82
Nov 28, 3:00 PM	7.50	20047.34	12.64	1316.61	11.35	17826.71
Nov 28, 4:00 PM	7.54	19542.74	11.91	1332.59	11.24	17767.52

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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 28, 5:00 PM	7.24	19808.10	12.11	1337.12	11.20	17622.56
Nov 28, 6:00 PM	7.32	19905.39	12.77	1338.66	11.05	17563.65
Nov 28, 7:00 PM	7.29	19898.13	13.05	1340.91	11.18	17542.67
Nov 28, 8:00 PM	7.49	20353.83	13.18	1343.79	10.99	17594.65
Nov 28, 9:00 PM	7.55	20468.02	12.98	1336.61	11.11	17549.71
Nov 28, 10:00 PM	7.38	20444.86	13.00	1333.28	11.12	17499.55
Nov 28, 11:00 PM	7.19	20386.11	12.62	1332.36	11.23	17489.55
Nov 29, 12:00 AM	7.46	20474.52	12.49	1332.70	11.31	17426.62
Nov 29, 1:00 AM	7.77	20971.47	12.42	1342.42	11.11	17311.25
Nov 29, 2:00 AM	8.01	21234.98	12.02	1345.08	10.99	17226.37
Nov 29, 3:00 AM	7.95	21481.78	11.96	1352.03	11.10	17199.57
Nov 29, 4:00 AM	7.30	21366.14	12.15	1350.68	11.16	17172.13
Nov 29, 5:00 AM	7.61	21509.49	12.02	1354.22	11.28	17139.16
Nov 29, 6:00 AM	7.70	21509.04	12.52	1352.10	11.45	17087.34
Nov 29, 7:00 AM	7.81	21587.06	12.51	1355.80	11.48	17063.12
Nov 29, 8:00 AM	7.95	21636.74	12.77	1358.05	12.03	17038.95
Nov 29, 9:00 AM	8.30	21392.66	13.08	1362.60	12.18	17142.49
Nov 29, 10:00 AM	8.44	21167.02	12.74	1371.86	11.83	17255.09
Nov 29, 11:00 AM	8.41	20633.50	11.65	1362.41	11.76	17343.69
Nov 29, 12:00 PM	8.08	20365.84	11.68	1370.84	11.74	17357.16
Nov 29, 1:00 PM	7.99	20588.03	12.53	1354.50	11.85	17383.50
Nov 29, 2:00 PM	7.97	20721.09	13.05	1331.09	11.78	17308.92
Nov 29, 3:00 PM	8.13	20384.33	13.05	1339.10	11.80	17328.26
Nov 29, 4:00 PM	8.36	20443.17	12.50	1339.84	11.75	17306.63
Nov 29, 5:00 PM	8.97	20577.47	12.05	1350.84	11.99	17259.13
Nov 29, 6:00 PM	8.29	21307.75	12.36	1360.68	12.52	17037.03
Nov 29, 7:00 PM	7.97	20881.30	12.30	1361.04	13.00	16905.47
Nov 29, 8:00 PM	7.90	21429.19	13.09	1355.14	13.33	17151.53
Nov 29, 9:00 PM	7.90	21227.44	13.21	1365.61	13.20	17360.26

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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Nov 29, 10:00 PM	7.41	21439.68	13.44	1363.65	21.04	17379.03
Nov 29, 11:00 PM	7.80	21621.24	13.54	1361.36	48.86	17558.39
Nov 30, 12:00 AM	7.56	21517.71	13.82	1356.34	20.22	17403.03
Nov 30, 1:00 AM	6.56	22376.09	14.20	1358.34	16.74	17395.49
Nov 30, 2:00 AM	6.72	22072.79	14.70	1350.00	15.57	17397.10
Nov 30, 3:00 AM	6.79	21969.15	14.93	1348.48	15.34	17333.09
Nov 30, 4:00 AM	6.90	22155.49	15.34	1333.31	15.40	17305.27
Nov 30, 5:00 AM	6.33	22469.82	15.46	1324.99	15.36	17579.36
Nov 30, 6:00 AM	6.67	21907.17	14.86	1320.95	14.97	17759.36
Nov 30, 7:00 AM	6.89	21905.80	14.86	1309.95	14.53	17851.46
Nov 30, 8:00 AM	6.47	22083.99	14.86	1307.72	14.50	17745.61
Nov 30, 9:00 AM	6.40	22185.53	14.59	1305.73	15.02	17486.57
Nov 30, 10:00 AM	6.59	22251.29	14.49	1308.98	16.07	17210.61
Nov 30, 11:00 AM	6.75	22175.38	14.67	1318.67	16.18	17229.80
Nov 30, 12:00 PM	6.84	21987.48	14.57	1316.82	16.25	17303.35
Nov 30, 1:00 PM	7.18	22017.07	14.39	1301.29	16.12	17368.01
Nov 30, 2:00 PM	7.37	21786.26	14.30	1317.44	15.78	17426.07
Nov 30, 3:00 PM	14.08	21808.24	14.47	1325.06	15.73	17411.18
Nov 30, 4:00 PM	16.87	21724.06	14.27	1326.14	15.29	17417.12
Nov 30, 5:00 PM	14.94	21885.89	14.29	1315.04	15.30	17367.86
Nov 30, 6:00 PM	12.96	21901.73	14.34	1320.44	15.38	17269.24
Nov 30, 7:00 PM	48.64	22166.45	15.03	1315.80	15.91	17056.78
Nov 30, 8:00 PM	80.97	22271.71	15.22	1354.90	16.07	16995.76
Nov 30, 9:00 PM	27.48	22292.10	15.02	1364.78	16.03	16996.10
Nov 30, 10:00 PM	22.73	22015.47	15.18	1357.15	15.80	17051.72
Nov 30, 11:00 PM	8.55	22238.67	15.01	1361.55	15.80	16952.90
Dec 1, 12:00 AM	7.21	22507.56	14.84	1357.19	16.25	16934.98
Dec 1, 1:00 AM	6.75	22524.82	15.09	1347.82	16.34	17101.02
Dec 1, 2:00 AM	7.06	22106.06	14.60	1341.70	16.39	17266.47

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 1, 3:00 AM	7.35	22253.03	14.59	1341.72	16.37	17300.30
Dec 1, 4:00 AM	6.93	22583.88	14.55	1329.03	16.55	17297.95
Dec 1, 5:00 AM	6.78	22114.47	14.72	1319.72	16.15	17345.33
Dec 1, 6:00 AM	7.33	21856.45	14.94	1325.41	16.10	17522.46
Dec 1, 7:00 AM	7.51	21835.71	14.98	1325.32	15.76	17566.88
Dec 1, 8:00 AM	7.23	21870.24	15.29	1322.10	15.97	17512.11
Dec 1, 9:00 AM	6.99	21963.25	15.11	1322.78	16.12	17468.29
Dec 1, 10:00 AM	6.48	21621.17	14.71	1314.93	15.90	18054.18
Dec 1, 11:00 AM	6.54	21003.62	13.08	1315.36	17.24	18363.23
Dec 1, 12:00 PM	6.42	20706.80	11.70	1311.80	43.11	18555.24
Dec 1, 1:00 PM	6.56	20708.60	11.13	1301.15	22.42	18609.03
Dec 1, 2:00 PM	6.97	20834.10	11.06	1292.53	17.67	18565.10
Dec 1, 3:00 PM	6.67	20873.58	11.32	1292.86	16.01	18521.25
Dec 1, 4:00 PM	6.46	20781.50	11.24	1290.61	15.51	18572.10
Dec 1, 5:00 PM	6.36	20865.13	11.18	1291.65	15.21	18504.25
Dec 1, 6:00 PM	6.57	21221.35	11.30	1296.90	15.02	18466.10
Dec 1, 7:00 PM	6.30	21531.34	11.76	1281.26	14.67	18347.13
Dec 1, 8:00 PM	6.05	21546.46	12.43	1309.91	14.72	18325.96
Dec 1, 9:00 PM	5.92	21405.24	12.36	1311.42	14.40	18311.92
Dec 1, 10:00 PM	5.69	21077.02	14.12	1306.35	14.18	18216.56
Dec 1, 11:00 PM	6.35	21184.88	14.71	1311.95	14.65	17890.73
Dec 2, 12:00 AM	6.15	21540.50	14.14	1317.86	14.54	17707.95
Dec 2, 1:00 AM	6.35	21456.52	14.53	1317.75	14.82	17681.24
Dec 2, 2:00 AM	5.33	21780.14	14.48	1316.15	14.63	17350.46
Dec 2, 3:00 AM	6.32	21136.63	13.99	1330.53	14.93	17755.24
Dec 2, 4:00 AM	5.90	21667.52	13.51	1319.41	14.94	17650.20
Dec 2, 5:00 AM	5.83	21922.95	12.77	1317.45	15.04	17540.55
Dec 2, 6:00 AM	6.41	21752.31	12.35	1283.90	14.83	17535.59
Dec 2, 7:00 AM	6.57	21999.23	12.63	1255.55	14.75	17600.35

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 2, 8:00 AM	5.99	21916.33	12.61	1240.52	14.34	17528.28
Dec 2, 9:00 AM	15.00	21075.51	12.63	1263.13	14.44	17710.25
Dec 2, 10:00 AM	18.82	20675.37	12.64	1282.33	14.18	17871.66
Dec 2, 11:00 AM	14.74	20773.21	14.00	1267.94	13.44	18206.20
Dec 2, 12:00 PM	8.88	20470.60	14.49	1241.49	13.39	18320.14
Dec 2, 1:00 PM	6.28	20350.49	13.00	1283.57	13.58	18394.48
Dec 2, 2:00 PM	6.30	19930.76	11.23	1270.15	13.33	18611.00
Dec 2, 3:00 PM	6.38	19744.10	10.61	1258.62	13.31	18561.96
Dec 2, 4:00 PM	6.29	19608.05	10.58	1254.89	13.92	19911.64
Dec 2, 5:00 PM	5.89	19923.72	11.25	1269.72	14.20	20291.25
Dec 2, 6:00 PM	5.63	20015.09	12.45	1280.14	14.38	20124.99
Dec 2, 7:00 PM	5.58	20595.32	12.65	1162.98	14.90	19969.45
Dec 2, 8:00 PM	5.21	20621.86	13.06	1297.60	14.94	20003.05
Dec 2, 9:00 PM	4.55	20771.54	13.11	1282.45	15.21	19861.47
Dec 2, 10:00 PM	4.16	20902.60	13.54	1283.57	14.91	19735.15
Dec 2, 11:00 PM	3.86	20982.58	13.71	1288.87	14.90	19668.01
Dec 3, 12:00 AM	4.23	21066.69	13.86	1281.73	14.96	19558.96
Dec 3, 1:00 AM	3.81	21221.29	13.44	1289.42	14.98	19442.36
Dec 3, 2:00 AM	4.04	21043.51	13.42	1292.62	14.75	19435.65
Dec 3, 3:00 AM	4.13	20961.38	13.34	1292.53	14.76	19448.00
Dec 3, 4:00 AM	4.25	20857.35	13.34	1289.95	14.79	19500.91
Dec 3, 5:00 AM	4.22	20737.90	13.58	1286.32	14.71	19522.84
Dec 3, 6:00 AM	4.04	20644.45	13.54	1286.84	14.60	19524.52
Dec 3, 7:00 AM	4.38	20638.05	13.34	1287.24	14.96	19574.00
Dec 3, 8:00 AM	4.50	20726.51	13.49	1292.77	15.17	19613.70
Dec 3, 9:00 AM	4.38	21208.89	13.32	1316.99	14.99	19634.58
Dec 3, 10:00 AM	4.30	20980.50	13.63	1290.07	14.67	19862.02
Dec 3, 11:00 AM	4.34	20441.54	14.14	1308.28	14.77	20115.05
Dec 3, 12:00 PM	5.44	20275.72	14.58	1307.97	15.55	20226.06

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 3, 1:00 PM	6.35	20471.75	12.26	1306.80	15.77	20284.29
Dec 3, 2:00 PM	6.72	20957.37	12.05	1298.06	15.60	20218.08
Dec 3, 3:00 PM	6.43	20866.43	12.50	1288.85	15.54	20298.31
Dec 3, 4:00 PM	6.60	20785.99	12.14	1295.87	14.93	20694.60
Dec 3, 5:00 PM	6.19	20907.54	12.64	1290.23	23.99	20586.94
Dec 3, 6:00 PM	5.96	21114.37	12.13	1304.48	36.10	20426.56
Dec 3, 7:00 PM	5.86	21167.10	11.43	1290.79	20.21	20254.81
Dec 3, 8:00 PM	6.19	20940.66	11.31	1294.51	18.16	20318.11
Dec 3, 9:00 PM	5.78	20856.00	12.04	1300.30	17.55	20397.13
Dec 3, 10:00 PM	6.40	21062.22	12.40	1301.17	17.07	20373.78
Dec 3, 11:00 PM	8.92	21117.13	12.78	1296.26	17.02	20316.43
Dec 4, 12:00 AM	6.99	21059.21	13.04	1295.12	16.93	20257.63
Dec 4, 1:00 AM	5.55	21257.81	13.34	1305.23	17.05	20158.93
Dec 4, 2:00 AM	5.05	21451.47	13.89	1311.99	18.31	20041.27
Dec 4, 3:00 AM	4.76	21359.55	14.45	1317.34	18.75	19921.79
Dec 4, 4:00 AM	4.99	21311.24	14.67	1318.25	18.76	19936.01
Dec 4, 5:00 AM	5.47	21256.72	14.55	1318.72	18.49	19989.79
Dec 4, 6:00 AM	5.53	21247.49	14.73	1316.84	18.38	20024.63
Dec 4, 7:00 AM	5.84	21650.09	14.41	1315.89	18.35	20014.18
Dec 4, 8:00 AM	5.67	21728.16	14.36	1311.94	17.39	20071.15
Dec 4, 9:00 AM	5.38	22124.96	14.59	1322.63	17.00	20205.89
Dec 4, 10:00 AM	5.68	21651.36	14.98	1334.92	16.72	20337.08
Dec 4, 11:00 AM	5.94	21543.19	14.84	1356.71	16.79	20327.33
Dec 4, 12:00 PM	5.96	21542.49	14.12	1342.05	16.72	20041.68
Dec 4, 1:00 PM	5.77	21878.12	13.89	1337.84	16.64	19869.05
Dec 4, 2:00 PM	6.24	21516.50	13.38	1343.63	16.39	19962.44
Dec 4, 3:00 PM	6.96	21355.57	12.97	1337.88	16.10	20102.17
Dec 4, 4:00 PM	6.75	21777.03	12.63	1332.91	16.46	20159.24
Dec 4, 5:00 PM	6.48	20863.68	12.03	1332.07	17.43	20339.57

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 4, 6:00 PM	6.57	20312.78	11.60	1331.12	17.79	20463.44
Dec 4, 7:00 PM	6.71	20251.86	11.85	1330.31	17.86	20510.86
Dec 4, 8:00 PM	6.75	20209.24	11.66	1338.29	17.34	20455.42
Dec 4, 9:00 PM	6.59	19777.32	11.62	1338.29	17.42	20458.69
Dec 4, 10:00 PM	5.78	20224.98	11.39	1335.49	17.71	20412.06
Dec 4, 11:00 PM	5.41	20474.62	11.63	1336.36	17.52	20263.81
Dec 5, 12:00 AM	5.38	20489.90	12.34	1316.29	17.65	20161.83
Dec 5, 1:00 AM	5.55	20173.31	12.27	1321.00	17.54	19951.67
Dec 5, 2:00 AM	5.02	19754.15	12.20	1328.64	17.70	19574.69
Dec 5, 3:00 AM	4.24	20486.67	12.59	1319.48	17.78	19348.82
Dec 5, 4:00 AM	5.39	19917.50	13.74	1339.70	16.86	19329.14
Dec 5, 5:00 AM	7.21	19850.19	15.56	1345.26	16.10	19291.19
Dec 5, 6:00 AM	7.80	20092.29	14.88	1340.93	15.94	19186.20
Dec 5, 7:00 AM	7.93	20683.34	13.59	1340.65	15.86	19040.80
Dec 5, 8:00 AM	7.70	20286.57	12.90	1362.07	16.41	18976.68
Dec 5, 9:00 AM	7.89	20341.08	13.46	1362.89	17.16	18892.94
Dec 5, 10:00 AM	7.56	20879.50	13.60	1354.22	16.85	18971.88
Dec 5, 11:00 AM	6.82	20579.65	13.54	1349.46	15.79	19162.55
Dec 5, 12:00 PM	6.96	20599.84	13.40	1341.65	15.29	19841.13
Dec 5, 1:00 PM	7.51	19797.51	13.28	1322.51	15.98	19957.78
Dec 5, 2:00 PM	7.43	19864.63	13.62	1332.51	43.43	19959.73
Dec 5, 3:00 PM	6.54	21853.09	13.63	1336.10	24.83	19694.25
Dec 5, 4:00 PM	6.61	21764.70	13.76	1332.97	18.31	19633.94
Dec 5, 5:00 PM	6.97	21293.93	14.24	1323.66	16.45	19624.57
Dec 5, 6:00 PM	7.01	21396.25	13.77	1304.68	15.86	19663.89
Dec 5, 7:00 PM	7.26	21433.86	13.28	1307.04	15.32	19572.75
Dec 5, 8:00 PM	7.19	21434.33	12.94	1307.65	15.11	19500.41
Dec 5, 9:00 PM	7.50	21437.83	13.05	1322.37	14.77	19551.88
Dec 5, 10:00 PM	7.59	21455.49	13.23	1326.70	14.47	19814.62

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 5, 11:00 PM	7.42	21545.19	13.91	1323.30	14.46	19093.99
Dec 6, 12:00 AM	7.49	21672.13	14.25	1332.97	14.49	18924.75
Dec 6, 1:00 AM	8.01	21406.62	13.76	1349.12	16.41	18808.08
Dec 6, 2:00 AM	8.44	21667.06	13.56	1345.80	17.11	18700.43
Dec 6, 3:00 AM	8.94	21795.33	14.40	1359.08	16.94	18595.86
Dec 6, 4:00 AM	8.84	21826.79	13.95	1360.48	15.91	18597.08
Dec 6, 5:00 AM	8.39	21776.32	14.37	1360.07	14.84	18603.65
Dec 6, 6:00 AM	8.63	21971.99	14.32	1366.40	13.17	18596.08
Dec 6, 7:00 AM	8.84	22162.09	14.18	1356.86	12.00	18623.17
Dec 6, 8:00 AM	8.79	21867.98	13.85	1372.06	11.81	18742.86
Dec 6, 9:00 AM	7.55	21722.57	13.62	1381.05	12.84	18866.86
Dec 6, 10:00 AM	7.33	21369.08	13.72	1314.54	15.39	18965.29
Dec 6, 11:00 AM	6.01	20551.86	14.04	1319.79	16.76	18888.97
Dec 6, 12:00 PM	5.46	21130.72	13.55	1333.95	17.10	18945.36
Dec 6, 1:00 PM	5.02	21351.66		1338.65	16.62	18926.82
Dec 6, 2:00 PM	5.40	21387.60		1344.80	15.76	18980.32
Dec 6, 3:00 PM	5.95	21540.49		1348.24	15.80	19035.38
Dec 6, 4:00 PM	6.53	21816.18		1343.19	15.83	19081.13
Dec 6, 5:00 PM	5.96	21828.53		1338.95	15.95	19007.78
Dec 6, 6:00 PM	5.84	21701.08		1349.91	15.89	19343.84
Dec 6, 7:00 PM	6.13	21938.67		1308.11	16.81	19408.35
Dec 6, 8:00 PM	5.83	21979.84		1337.63	30.17	19375.38
Dec 6, 9:00 PM	5.84	22138.82		1338.34	21.60	19344.56
Dec 6, 10:00 PM	5.82	22211.60		1343.24	17.59	19415.74
Dec 6, 11:00 PM	5.89	22007.97		1346.85	16.31	19510.65
Dec 7, 12:00 AM	6.09	22120.47		1332.43	15.80	19480.21
Dec 7, 1:00 AM	4.98	21664.29		1333.83	15.21	19467.18
Dec 7, 2:00 AM	5.34	21289.41		1340.70	14.88	19514.73
Dec 7, 3:00 AM	5.52	21649.51		1347.20	14.60	19462.68



O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 7, 4:00 AM	6.03	22035.38		1355.54	13.92	19466.62
Dec 7, 5:00 AM	5.97	22211.24		1350.94	14.10	19413.19
Dec 7, 6:00 AM	5.91	22216.47		1354.25	14.40	19438.20
Dec 7, 7:00 AM	6.24	22141.86		1289.60	14.44	19502.31
Dec 7, 8:00 AM	6.20	22097.21		1286.99	14.54	19538.58
Dec 7, 9:00 AM	6.44	22032.55		1300.19	14.42	19526.73
Dec 7, 10:00 AM	6.22	22001.04		1286.97	14.61	19594.96
Dec 7, 11:00 AM	6.32	22073.99		1275.10	15.21	19635.09
Dec 7, 12:00 PM	7.72	22185.22		1269.93	16.17	19695.12
Dec 7, 1:00 PM	6.96	21797.34		1254.52	16.27	19868.79
Dec 7, 2:00 PM	6.75	21720.58		1283.50	16.41	20023.19
Dec 7, 3:00 PM	33.62	21588.06		1292.29	16.69	19967.79
Dec 7, 4:00 PM	88.44	21616.14		1291.95	17.06	19986.01
Dec 7, 5:00 PM	22.37	21570.97		1284.60	17.52	20170.97
Dec 7, 6:00 PM	15.73	21577.08		1283.43	21.81	20239.66
Dec 7, 7:00 PM	12.55	21550.25		1207.96	24.26	20267.93
Dec 7, 8:00 PM	24.35	20998.91		1194.03	18.88	20373.70
Dec 7, 9:00 PM	19.38	21083.59		1211.98	18.34	20419.63
Dec 7, 10:00 PM	9.12	21054.64		1204.78	18.18	20356.60
Dec 7, 11:00 PM	7.89	21312.48		1212.02	18.37	20345.72
Dec 8, 12:00 AM	7.94	21117.43		1238.90	18.39	20392.13
Dec 8, 1:00 AM	8.36	21095.45		1259.21	18.66	20348.92
Dec 8, 2:00 AM	8.19	21142.35		1260.02	18.54	20283.94
Dec 8, 3:00 AM	7.98	21099.21		1260.37	17.59	20215.96
Dec 8, 4:00 AM	8.33	20960.27		1268.31	17.21	20324.64
Dec 8, 5:00 AM	8.44	21360.21		1271.99	17.99	19952.18
Dec 8, 6:00 AM	8.12	21630.31		1271.72	18.10	19739.10
Dec 8, 7:00 AM	7.98	21710.69		1265.61	17.68	19892.31
Dec 8, 8:00 AM	7.39	21636.93		1268.39	16.71	20234.25

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 8, 9:00 AM	7.49	21395.88		1253.30	16.44	20335.48
Dec 8, 10:00 AM	7.21	21055.47		1246.36	16.39	20312.88
Dec 8, 11:00 AM	24.62	20664.30		1242.16	16.49	20471.59
Dec 8, 12:00 PM	59.75	20832.74		1243.47	16.80	20595.02
Dec 8, 1:00 PM	23.29	21096.77		1245.13	16.59	20600.12
Dec 8, 2:00 PM	13.91	21212.39		1242.62	17.04	20708.75
Dec 8, 3:00 PM	12.71	21355.41		1227.30	17.05	20762.80
Dec 8, 4:00 PM	9.64	21180.33		1206.00	16.87	20871.97
Dec 8, 5:00 PM	8.63	20883.45		1216.63	16.54	20947.82
Dec 8, 6:00 PM	8.00	21063.45		1220.85	16.21	20860.54
Dec 8, 7:00 PM	7.15	20857.92		1233.22	16.19	20734.34
Dec 8, 8:00 PM	15.74	21065.68		1238.36	16.24	20387.76
Dec 8, 9:00 PM	34.49	21130.79		1239.24	16.25	20128.37
Dec 8, 10:00 PM	41.43	21173.34		1246.75	15.92	20570.33
Dec 8, 11:00 PM	14.99	20874.77		1249.89	18.56	20459.03
Dec 9, 12:00 AM	8.39	21011.38		1254.13	34.08	20485.06
Dec 9, 1:00 AM	8.19	20726.96		1251.74	19.59	20590.91
Dec 9, 2:00 AM	8.64	20822.88		1256.19	17.44	20615.77
Dec 9, 3:00 AM	10.74	20975.33		1259.68	16.50	20566.63
Dec 9, 4:00 AM	11.24	21154.49		1259.44	16.27	20544.38
Dec 9, 5:00 AM	10.68	21102.77		1255.96	16.29	20648.01
Dec 9, 6:00 AM	8.24	20837.52		1251.79	15.89	20695.88
Dec 9, 7:00 AM	7.71	21004.12		1260.32	15.57	20684.12
Dec 9, 8:00 AM	7.47	21131.77		1251.24	15.18	20761.19
Dec 9, 9:00 AM	7.71	21076.41		1258.46	16.16	20812.72
Dec 9, 10:00 AM	8.30	20822.81		1260.78	16.74	20863.30
Dec 9, 11:00 AM	8.24	21316.31		1254.36	17.22	20812.69
Dec 9, 12:00 PM	8.34	21556.23		1235.82	13.99	20529.19
Dec 9, 1:00 PM	7.14	23185.68		1204.41	6.35	20062.97

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 9, 2:00 PM	6.68	21303.15		1184.42	10.82	20685.65
Dec 9, 3:00 PM	12.86	20897.50		1201.63	10.71	20860.90
Dec 9, 4:00 PM	6.06	21640.72		1224.99	8.17	20864.15
Dec 9, 5:00 PM	4.11	21638.25		1235.34	7.03	20892.94
Dec 9, 6:00 PM	4.23	21784.94		1260.54	6.24	20815.34
Dec 9, 7:00 PM	4.55	22298.05		1285.92	6.29	20535.55
Dec 9, 8:00 PM	2.96	22724.00		1298.77	6.19	20123.04
Dec 9, 9:00 PM	3.00	22848.27		1317.02	5.88	20085.28
Dec 9, 10:00 PM	3.32	22815.08		1327.77	5.76	20209.50
Dec 9, 11:00 PM	3.53	22619.29		1333.90	6.20	20137.54
Dec 10, 12:00 AM	3.77	22495.74		1335.94	6.25	20161.10
Dec 10, 1:00 AM	3.45	22826.12		1363.65	6.29	20183.80
Dec 10, 2:00 AM	3.84	23344.83		1382.95	6.04	20256.68
Dec 10, 3:00 AM	4.18	23755.63		1409.69	6.15	20330.93
Dec 10, 4:00 AM	4.91	24051.32		1426.78	5.94	20404.20
Dec 10, 5:00 AM	5.76	23937.42		1450.42	6.42	20431.56
Dec 10, 6:00 AM	6.36	23856.44		1460.27	6.77	20462.37
Dec 10, 7:00 AM	7.46	23657.28		1466.87	6.96	20428.57
Dec 10, 8:00 AM	7.32	23578.66		1477.75	6.81	20528.39
Dec 10, 9:00 AM	7.21	23736.86		1476.34	6.92	20376.75
Dec 10, 10:00 AM	7.02	23942.13		1472.73	6.49	20579.80
Dec 10, 11:00 AM	6.16	23959.85		1456.00	6.69	20697.73
Dec 10, 12:00 PM	5.14	23579.39		1452.74	18.90	20818.22
Dec 10, 1:00 PM	3.14	23604.99		1428.27	10.31	20823.71
Dec 10, 2:00 PM	2.49	23559.12		1420.13	6.48	20796.19
Dec 10, 3:00 PM	2.38	23165.84		1415.33	4.50	20841.66
Dec 10, 4:00 PM	3.40	23349.70		1410.90	3.85	20823.62
Dec 10, 5:00 PM	7.32	22878.13		1421.88		20849.40
Dec 10, 6:00 PM	15.24	23621.24		1434.38	6.29	20802.74

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 10, 7:00 PM	11.11	23457.18	13.82	1430.46	7.64	20739.44
Dec 10, 8:00 PM	7.38	24341.48	13.97	1386.44	6.46	20141.05
Dec 10, 9:00 PM	8.25	24876.51	13.81	1370.52	4.17	19679.69
Dec 10, 10:00 PM	9.88	25687.57	13.73	1363.31	2.50	19440.41
Dec 10, 11:00 PM	9.55	27237.13	13.76	1256.89	5.43	15747.34
Dec 11, 12:00 AM	7.36	27842.37	12.25	10.35	12.90	6960.06
Dec 11, 1:00 AM	8.08	27582.28	12.19	0.00	15.90	5605.46
Dec 11, 2:00 AM	7.95	27459.77	15.28	0.00	15.81	5672.27
Dec 11, 3:00 AM	6.67	27617.59	18.80	0.00	10.34	7948.60
Dec 11, 4:00 AM	5.74	26950.39	19.72	256.33	8.66	9148.23
Dec 11, 5:00 AM	4.90	27291.06	24.21	0.00	10.69	8183.10
Dec 11, 6:00 AM	3.89	27340.23	24.79	0.00	15.19	5973.44
Dec 11, 7:00 AM	3.89	27116.94	24.29	0.00	16.57	6115.61
Dec 11, 8:00 AM	4.11	26701.37	23.74	37.82	19.71	5852.49
Dec 11, 9:00 AM	6.17	25716.73	28.03	771.08	20.61	5717.49
Dec 11, 10:00 AM	11.43	25547.54	28.81	548.62	21.59	5567.61
Dec 11, 11:00 AM	11.20	24693.31	28.68	542.18	33.25	5577.59
Dec 11, 12:00 PM	5.03	24562.79	28.91	777.48	28.12	5494.57
Dec 11, 1:00 PM	4.73	24683.80	28.64	1428.27	24.50	5437.60
Dec 11, 2:00 PM	4.21	25683.22	25.75	1081.89	23.47	5371.38
Dec 11, 3:00 PM	4.01	25720.21	26.41	730.43	22.98	5276.34
Dec 11, 4:00 PM	4.02	25544.76	27.67	738.09	23.06	5253.37
Dec 11, 5:00 PM	4.12	25109.11	27.82	395.93	22.97	5130.76
Dec 11, 6:00 PM	4.42	26052.19	27.64	1198.91	22.43	4967.59
Dec 11, 7:00 PM	5.31	24972.39	27.55	1125.70	21.88	5096.94
Dec 11, 8:00 PM	4.19	25465.02	27.81	1466.60	20.70	5015.52
Dec 11, 9:00 PM	3.23	25403.49	27.30	1664.34	20.14	4844.17
Dec 11, 10:00 PM	2.82	25326.64	27.72	1854.63	20.31	4793.64
Dec 11, 11:00 PM	3.84	25252.83	29.86	1398.20	20.37	4659.75

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 12, 12:00 AM	5.10	24701.86	33.49	1007.33	19.42	4564.66
Dec 12, 1:00 AM	5.40	24594.25	34.71	1235.18	17.50	4467.36
Dec 12, 2:00 AM	4.42	24697.33	35.98	1164.67	15.97	4289.03
Dec 12, 3:00 AM	4.63	24779.22	35.76	1106.97	13.71	4194.30
Dec 12, 4:00 AM	4.91	24821.43	32.16	1168.97	11.90	4139.79
Dec 12, 5:00 AM	4.44	25089.33	30.89	1192.83	11.14	3963.18
Dec 12, 6:00 AM	4.59	25350.24	33.32	1187.44	11.96	3821.21
Dec 12, 7:00 AM	4.48	25337.78	33.62	1133.93	14.85	3232.87
Dec 12, 8:00 AM	4.73	25037.79	33.71	1124.99	18.41	2896.51
Dec 12, 9:00 AM	4.73	25157.41	34.08	1108.96	20.16	3049.38
Dec 12, 10:00 AM	4.79	25461.46	34.19	1121.73	20.49	3195.43
Dec 12, 11:00 AM	4.78	25489.31	22.79	1317.72	16.71	3575.48
Dec 12, 12:00 PM	5.28	26284.76	32.85	1167.62	11.94	3707.07
Dec 12, 1:00 PM	5.13	26495.57	35.16	1128.34	13.63	4402.85
Dec 12, 2:00 PM	5.67	26658.34	35.41	1132.66	15.22	4340.69
Dec 12, 3:00 PM	32.40	27025.37	35.84	1124.24	13.30	4012.71
Dec 12, 4:00 PM	130.35	26777.01	35.74	1108.06	11.25	4345.49
Dec 12, 5:00 PM	15.29	27432.52	36.24	1071.64	9.94	4348.86
Dec 12, 6:00 PM	7.51	27103.89	35.34	1083.22	10.53	4216.90
Dec 12, 7:00 PM	6.00	27123.84	34.66	1133.11	11.75	4183.69
Dec 12, 8:00 PM	6.14	27088.46	34.90	1100.55	12.61	4067.56
Dec 12, 9:00 PM	5.51	26846.43	35.09	1097.25	13.60	4029.94
Dec 12, 10:00 PM	6.10	26875.04	34.98	1054.87	15.14	3976.31
Dec 12, 11:00 PM	5.72	27214.71	33.77	1407.32	16.19	3901.73
Dec 13, 12:00 AM	6.33	27118.26	32.73	1620.11	16.77	3816.00
Dec 13, 1:00 AM	5.41	26884.73	32.81	1830.27	17.38	3837.52
Dec 13, 2:00 AM	5.77	27108.14	33.23	1649.94	17.76	3831.56
Dec 13, 3:00 AM	5.60	27737.11	32.88	1500.34	18.03	3804.93
Dec 13, 4:00 AM	5.78	27504.11	33.32	1368.22	18.22	3866.56

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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 13, 5:00 AM	5.66	27884.53	33.46	1396.78	18.38	3845.71
Dec 13, 6:00 AM	6.05	28116.66	33.71	1402.98	18.35	3850.84
Dec 13, 7:00 AM	6.30	27878.44	33.76	1415.76	17.88	3700.16
Dec 13, 8:00 AM	24.06	27516.07	33.73	1424.53	17.00	3582.02
Dec 13, 9:00 AM	49.29	27338.04	40.28	1408.84	16.05	3361.30
Dec 13, 10:00 AM	20.29	27481.36	52.01	1409.79	14.74	3579.49
Dec 13, 11:00 AM	8.83	27263.73	33.29	1395.94	13.36	3727.59
Dec 13, 12:00 PM	6.96	27269.95	34.92	1137.77	10.85	3659.76
Dec 13, 1:00 PM	6.18	26482.69	35.68	1311.90	9.41	4148.92
Dec 13, 2:00 PM	6.84	26494.52	35.41	1273.35	9.19	3977.40
Dec 13, 3:00 PM	9.23	25425.41	35.96	1264.90	10.43	3745.21
Dec 13, 4:00 PM	10.75	25522.59	35.07	1246.80	13.80	3424.90
Dec 13, 5:00 PM	8.18	25529.83	34.49	1308.29	16.49	3100.15
Dec 13, 6:00 PM	6.63	25843.94	34.81	1324.16	17.63	2849.05
Dec 13, 7:00 PM	7.04	25698.13	34.87	1333.93	18.41	2908.22
Dec 13, 8:00 PM	6.23	25652.93	33.56	1355.61	19.90	2603.40
Dec 13, 9:00 PM	6.01	25618.72	33.61	1343.39	21.93	2307.98
Dec 13, 10:00 PM	6.02	25589.91	34.29	1344.88	23.56	2295.08
Dec 13, 11:00 PM	5.94	25803.96	34.23	1344.52	25.09	2341.26
Dec 14, 12:00 AM	6.29	25900.38	34.29	1349.82	24.93	2583.32
Dec 14, 1:00 AM	6.47	26041.17	34.37	1340.33	24.80	2608.82
Dec 14, 2:00 AM	5.97	26077.47	34.16	1430.35	24.39	2448.48
Dec 14, 3:00 AM	6.14	26235.91	34.29	1231.43	24.16	3073.33
Dec 14, 4:00 AM	6.08	26424.25	34.19	1361.11	24.37	2783.34
Dec 14, 5:00 AM	6.22	27027.72	34.50	1346.58	24.66	2956.32
Dec 14, 6:00 AM	6.31	27361.72	34.52	1336.57	24.70	2901.97
Dec 14, 7:00 AM	6.24	27435.37	34.36	1343.03	24.34	3077.53
Dec 14, 8:00 AM	53.86	27133.15	33.28	1455.23	24.55	3201.73
Dec 14, 9:00 AM	86.41	26961.66	33.25	1483.71	24.60	3417.84

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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 14, 10:00 AM	104.75	26189.32	33.50	1445.37	23.58	3595.42
Dec 14, 11:00 AM	38.78	26297.46	34.27	1442.34	21.00	3039.50
Dec 14, 12:00 PM	42.66	25739.05	35.42	1463.67	13.74	3672.86
Dec 14, 1:00 PM	7.42	25842.76	35.71	1455.19	9.25	3640.94
Dec 14, 2:00 PM	8.22	25717.45	34.84	1471.18	12.36	3836.24
Dec 14, 3:00 PM	43.82	25987.30	34.99	1468.09	13.29	3617.33
Dec 14, 4:00 PM	249.87	25882.84	35.39	1443.33	13.57	3420.17
Dec 14, 5:00 PM	66.14	25708.28	34.58	1439.00	12.87	3358.68
Dec 14, 6:00 PM	8.61	25503.86	35.79	1537.19	11.46	3441.54
Dec 14, 7:00 PM	7.60	25659.41	35.67	1612.38	9.75	3474.42
Dec 14, 8:00 PM	7.38	25700.20	34.14	1508.65	9.23	3268.98
Dec 14, 9:00 PM	7.34	25694.06	34.72	1486.00	9.27	3103.20
Dec 14, 10:00 PM	7.39	25796.16	35.36	1422.55	9.59	3076.53
Dec 14, 11:00 PM	19.31	26070.94	33.88	1421.32	10.01	3144.69
Dec 15, 12:00 AM	60.16	26464.27	34.97	1409.23	10.50	3175.20
Dec 15, 1:00 AM	19.04	26129.34	36.80	1487.90	10.32	3273.66
Dec 15, 2:00 AM	7.74	25890.08	35.70	1535.46	10.11	3221.55
Dec 15, 3:00 AM	7.70	25874.34	34.66	1552.40	9.19	3287.37
Dec 15, 4:00 AM	7.63	26000.69	36.26	1621.23	9.21	3264.55
Dec 15, 5:00 AM	7.92	26113.09	37.26	1584.02	9.31	3342.74
Dec 15, 6:00 AM	6.94	26037.90	37.03	1532.13	9.59	3320.84
Dec 15, 7:00 AM	6.52	26090.99	36.56	1449.13	9.95	3409.94
Dec 15, 8:00 AM	6.10	26056.98	35.94	1449.84	10.03	3602.63
Dec 15, 9:00 AM	5.04	26129.66	35.83	1486.98	10.82	3617.98
Dec 15, 10:00 AM	4.68	26338.51	36.56	1191.71	11.05	3699.91
Dec 15, 11:00 AM	9.80	26518.57	36.46	1203.54	11.78	3802.73
Dec 15, 12:00 PM	9.10	26964.15	38.85	725.40	12.68	3784.10
Dec 15, 1:00 PM	5.80	26973.35	38.83	704.66	13.12	3837.73
Dec 15, 2:00 PM	5.02	26818.74	38.30	1378.89	13.93	3967.67

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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 15, 3:00 PM	8.45	26690.58	39.19	808.45	14.76	4065.61
Dec 15, 4:00 PM	26.36	26759.60	40.22	1124.12	15.17	4020.13
Dec 15, 5:00 PM	14.24	26553.17	40.31	1255.90	15.72	3999.55
Dec 15, 6:00 PM	10.79	26647.68	40.72	1340.34	15.70	3981.85
Dec 15, 7:00 PM	9.28	26606.45	40.58	1398.43	15.79	4010.71
Dec 15, 8:00 PM	7.78	26953.52	40.61	1490.42	15.83	4091.91
Dec 15, 9:00 PM	6.08	26821.64	39.45	1634.45	16.08	4094.68
Dec 15, 10:00 PM	6.01	26612.71	37.83	1591.55	16.02	4121.15
Dec 15, 11:00 PM	6.50	26638.34	37.29	1576.85	15.99	4218.71
Dec 16, 12:00 AM	6.50	26638.33	37.95	1629.14	9.85	6925.39
Dec 16, 1:00 AM	6.70	26625.90	37.88	1603.39	9.04	7281.84
Dec 16, 2:00 AM	7.05	26647.88	38.96	1612.27	8.92	7326.87
Dec 16, 3:00 AM	7.41	26689.66	41.31	1621.14	12.96	5352.59
Dec 16, 4:00 AM	7.30	26679.22	47.99	1620.87	16.32	4518.69
Dec 16, 5:00 AM	7.46	26623.37	63.45	1613.26	16.12	4486.10
Dec 16, 6:00 AM	7.26	25294.41	87.64	1621.20	15.78	4328.12
Dec 16, 7:00 AM	7.33	24154.93	115.22	1622.08	16.06	4238.19
Dec 16, 8:00 AM	7.43	23227.13	134.84	1463.59	15.64	4356.50
Dec 16, 9:00 AM	7.53	23159.97	160.35	1413.64	15.32	4377.44
Dec 16, 10:00 AM	7.33	23200.46	131.25	1429.38	15.47	4467.27
Dec 16, 11:00 AM	7.50	23159.78	59.28	1424.23	15.12	4640.82
Dec 16, 12:00 PM	6.42	23124.12	40.07	1421.88	14.01	4611.18
Dec 16, 1:00 PM	4.55	23076.16	36.53	1362.42	13.15	4491.10
Dec 16, 2:00 PM	3.54	23130.78	36.24	1347.02	12.96	4495.61
Dec 16, 3:00 PM	3.68	23215.46	35.56	1462.60	13.54	4535.26
Dec 16, 4:00 PM	4.70	23319.31	34.72	1445.83	13.80	4597.59
Dec 16, 5:00 PM	2.63	23314.47	34.23	1596.10	13.45	4624.63
Dec 16, 6:00 PM	1.80	23193.64	30.53	2198.78	12.28	4647.71
Dec 16, 7:00 PM	1.39	23177.81	29.68	2195.72	11.62	4750.52



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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 16, 8:00 PM	8.58	23244.11	26.32	2055.46	11.23	4691.23
Dec 16, 9:00 PM	3.99	23204.09	29.48	2021.91	10.61	4706.91
Dec 16, 10:00 PM	4.18	23156.85	28.86	1697.21	10.42	4761.88
Dec 16, 11:00 PM	1.54	22949.13	27.79	1070.06	10.51	4347.05
Dec 17, 12:00 AM	0.16	22610.04	31.50	1610.07	10.44	4212.83
Dec 17, 1:00 AM	0.14	22709.20	31.09	1753.66	10.56	4123.48
Dec 17, 2:00 AM	0.36	22675.63	31.37	1658.21	9.68	4103.69
Dec 17, 3:00 AM	1.81	22667.92	31.03	2023.68	9.83	4145.64
Dec 17, 4:00 AM	5.17	22728.17	31.86	1618.98	10.97	4223.32
Dec 17, 5:00 AM	8.44	22682.14	32.33	1653.27	12.28	4178.69
Dec 17, 6:00 AM	5.61	22619.11	32.82	1610.88	13.22	4306.30
Dec 17, 7:00 AM	6.12	22544.28	32.77	1480.62	13.15	4287.06
Dec 17, 8:00 AM	6.52	22486.81	32.70	931.67	9.60	8747.78
Dec 17, 9:00 AM	7.18	22618.70	29.70	824.70	7.30	12121.33
Dec 17, 10:00 AM	8.98	22644.78	22.57	550.06	7.42	12343.52
Dec 17, 11:00 AM	7.94	22625.30	15.97	640.48	7.85	12243.15
Dec 17, 12:00 PM	7.73	22740.40	15.03	620.44	7.17	12279.62
Dec 17, 1:00 PM	7.47	22524.81	14.99	678.47	5.81	12518.15
Dec 17, 2:00 PM	8.04	22453.91	15.70	655.45	5.28	12731.14
Dec 17, 3:00 PM	9.43	22700.17	15.83	649.60	5.16	12751.96
Dec 17, 4:00 PM	9.54	24037.60	14.93	700.79	5.59	12675.61
Dec 17, 5:00 PM	7.96	24176.07	15.77	657.69	5.82	13108.04
Dec 17, 6:00 PM	7.68	24378.95	18.30	636.50	6.28	13159.79
Dec 17, 7:00 PM	8.14	24771.19	18.49	642.15	6.93	13111.82
Dec 17, 8:00 PM	8.04	24561.49	16.75	684.58	6.45	13162.64
Dec 17, 9:00 PM	6.56	24700.73	15.02	744.64	5.50	13282.63
Dec 17, 10:00 PM	6.14	24889.41	14.37	736.38	5.07	13432.50
Dec 17, 11:00 PM	7.96	25408.99	14.23	717.92	4.70	13367.44
Dec 18, 12:00 AM	10.03	26392.85	14.76	667.35	4.53	13322.24

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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 18, 1:00 AM	6.43	26851.99	14.85	669.70	4.26	13344.49
Dec 18, 2:00 AM	6.18	27214.24	15.34	658.75	4.36	13266.04
Dec 18, 3:00 AM	9.21	28636.90	14.96	662.83	4.14	13627.95
Dec 18, 4:00 AM	13.91	28062.46	13.65	669.13	4.26	14253.67
Dec 18, 5:00 AM	7.80	28504.21	12.30	716.12	4.45	14849.27
Dec 18, 6:00 AM	2.95	27702.29	12.36	718.30	4.62	15024.00
Dec 18, 7:00 AM	3.12	26273.62	12.74	798.56	4.59	15343.42
Dec 18, 8:00 AM	3.35	27198.45	13.46	843.17	5.02	15653.36
Dec 18, 9:00 AM	3.83	28978.09	13.62	896.87	4.83	15892.07
Dec 18, 10:00 AM	3.58	28800.97	13.62	886.24	5.08	15811.43
Dec 18, 11:00 AM	3.24	28300.67	13.26	946.66	4.90	15654.62
Dec 18, 12:00 PM	2.82	29353.96	13.65	861.65	4.50	15441.21
Dec 18, 1:00 PM	3.31	28764.50	13.85	947.85	3.56	15651.05
Dec 18, 2:00 PM	4.13	26667.46	13.88	1006.91	2.93	16034.31
Dec 18, 3:00 PM	3.61	25448.51	13.97	1021.98	2.91	16383.27
Dec 18, 4:00 PM	3.33	24382.69	14.09	1096.84	3.18	16321.93
Dec 18, 5:00 PM	3.12	24750.16	14.32	1177.68	3.83	16422.42
Dec 18, 6:00 PM	3.05	24939.56	14.27	1209.84	4.32	16638.00
Dec 18, 7:00 PM	3.41	25126.49	14.33	1260.10	4.52	16848.89
Dec 18, 8:00 PM	4.64	25078.77	13.68	1283.85	3.91	16996.39
Dec 18, 9:00 PM	4.73	25141.53	36.59	1251.49	3.66	17017.99
Dec 18, 10:00 PM	4.83	25938.07	15.33	1305.79	3.51	17168.90
Dec 18, 11:00 PM	7.81	25554.74	15.17	1344.02	3.83	17580.86
Dec 19, 12:00 AM	16.16	25483.42	15.03	1345.07	3.78	17646.96
Dec 19, 1:00 AM	10.79	26901.74	14.68	1378.69	3.61	17609.40
Dec 19, 2:00 AM	8.58	27857.19	15.47	1350.21	3.00	17560.07
Dec 19, 3:00 AM	9.76	28887.91	14.81	1295.61		17565.35
Dec 19, 4:00 AM	7.46	28424.26	14.26	1269.67		17770.56
Dec 19, 5:00 AM	6.89	28199.13	14.23	1247.62		17924.36

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 19, 6:00 AM	7.09	26668.21	14.10	1285.05		18294.38
Dec 19, 7:00 AM	8.00	26274.65	13.90	1401.15		18872.69
Dec 19, 8:00 AM	12.10	27765.33	11.28	1445.92		18719.17
Dec 19, 9:00 AM	8.11	31233.37	14.00	1494.51		18104.13
Dec 19, 10:00 AM	7.32	32844.50	13.52	1376.84		17612.90
Dec 19, 11:00 AM	17.32	31693.57	13.40	1471.93	16.81	17616.63
Dec 19, 12:00 PM	128.73	30062.32	13.03	1379.93	10.86	17936.07
Dec 19, 1:00 PM	91.78	29165.94	13.51	1373.34	4.39	17805.75
Dec 19, 2:00 PM	9.42	30271.33	12.95	1424.61	0.29	14814.28
Dec 19, 3:00 PM	6.65	29289.72	13.04	1472.37	0.00	13990.18
Dec 19, 4:00 PM	6.23	28143.48	13.43	1472.08	0.00	14256.85
Dec 19, 5:00 PM	6.89	27826.61	13.86	1517.07	0.00	14032.91
Dec 19, 6:00 PM	26.49	27814.13	13.53	1523.64	0.00	13880.42
Dec 19, 7:00 PM	28.11	28100.85	13.80	1547.39	0.00	13641.43
Dec 19, 8:00 PM	16.50	28187.45	13.49	1552.91	0.00	13492.85
Dec 19, 9:00 PM	9.14	30134.10	13.63	1541.64	0.00	13240.60
Dec 19, 10:00 PM	7.18	30445.50	13.81	1524.01	0.00	12300.38
Dec 19, 11:00 PM	7.05	30562.01	13.91	1502.20	0.00	12881.91
Dec 20, 12:00 AM	6.50	30761.08	14.46	1451.27	0.00	12810.85
Dec 20, 1:00 AM	6.58	29784.55	14.61	1390.27	0.00	13276.39
Dec 20, 2:00 AM	6.77	28670.80	14.76	1355.89	0.00	13707.08
Dec 20, 3:00 AM	6.58	29093.54	15.19	1323.32	0.00	13987.17
Dec 20, 4:00 AM	6.66	28989.57	15.34	1314.43	0.00	14381.07
Dec 20, 5:00 AM	6.63	28823.68	15.62	1311.76	0.00	14556.86
Dec 20, 6:00 AM	6.91	27285.36	2.08	1332.77	0.00	14791.97
Dec 20, 7:00 AM	7.39	26659.60	0.00	1345.70	0.02	15044.85
Dec 20, 8:00 AM	7.02	27785.18	0.00	1293.74	0.10	15778.72
Dec 20, 9:00 AM	6.81	28161.60	13.80	1483.04	0.00	15959.03
Dec 20, 10:00 AM	6.73	27178.99	14.55	1405.03	0.00	16219.93

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 20, 11:00 AM	6.95	25048.24	14.66	1429.77	0.00	16691.09
Dec 20, 12:00 PM	6.63	25179.46	14.70	1470.15	0.00	17226.56
Dec 20, 1:00 PM	7.30	22573.25	14.19	1370.38	0.00	17499.75
Dec 20, 2:00 PM	7.14	22360.40	17.07	1328.15	0.00	17915.30
Dec 20, 3:00 PM	7.03	23214.69	16.63	1418.94	0.00	18073.48
Dec 20, 4:00 PM	7.16	23980.17	15.05	1571.40	0.00	18047.85
Dec 20, 5:00 PM	7.83	24061.56	7.64	1591.71	0.00	18008.09
Dec 20, 6:00 PM	7.79	24146.85	15.08	1543.68	0.00	17879.93
Dec 20, 7:00 PM	7.67	24308.50	14.47	1520.25	0.00	17858.02
Dec 20, 8:00 PM	7.56	25055.08	14.18	1489.90	0.00	17794.84
Dec 20, 9:00 PM	7.42	24384.84	14.23	1536.82	0.00	17940.54
Dec 20, 10:00 PM	7.93	24086.16	14.19	1499.24	0.00	17920.55
Dec 20, 11:00 PM	7.17	24585.87	14.47	1499.04	0.00	17738.34
Dec 21, 12:00 AM	7.71	24294.62	14.21	1500.52	0.00	17731.06
Dec 21, 1:00 AM	8.00	24562.31	14.48	1501.25	0.00	18563.24
Dec 21, 2:00 AM	7.72	25107.00	14.32	1487.90	0.02	18591.26
Dec 21, 3:00 AM	7.27	25140.35	14.22	1470.15	0.33	18366.78
Dec 21, 4:00 AM	7.44	24723.12	14.38	1471.74	1.30	18424.54
Dec 21, 5:00 AM	7.57	24373.91		1477.66	2.53	18500.54
Dec 21, 6:00 AM	7.42	24186.79		1496.44	3.65	18275.70
Dec 21, 7:00 AM	7.45	24214.90		1517.74	4.40	18426.46
Dec 21, 8:00 AM	7.67	24597.81		1537.03	6.72	18254.23
Dec 21, 9:00 AM	22.00	25445.13		1552.07	46.91	18035.73
Dec 21, 10:00 AM	154.68	25967.49		1563.15	27.04	18125.21
Dec 21, 11:00 AM	14.09	25186.09		1536.12	5.07	18248.89
Dec 21, 12:00 PM	7.86	24650.18		1521.29	0.11	18269.88
Dec 21, 1:00 PM	9.32	24537.36		1521.22	2.12	18193.81
Dec 21, 2:00 PM	15.71	23998.16		1514.63	2.18	18356.87
Dec 21, 3:00 PM	12.74	23631.19		1534.17	0.39	18480.19

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 21, 4:00 PM	11.57	22825.04		1544.15	0.00	18851.79
Dec 21, 5:00 PM	10.27	21647.54		1570.24	0.14	19078.81
Dec 21, 6:00 PM	9.15	21919.84		1589.08	2.30	19125.17
Dec 21, 7:00 PM	8.75	23075.31		1612.78	4.98	19293.28
Dec 21, 8:00 PM	8.45	24364.68		1618.22	7.56	18669.90
Dec 21, 9:00 PM	8.19	24231.06		1596.41	10.05	18463.35
Dec 21, 10:00 PM	8.14	24087.70		1558.39	11.96	18333.14
Dec 21, 11:00 PM	8.01	24732.41		1526.57	13.85	18258.57
Dec 22, 12:00 AM	8.23	24419.51		1531.04	15.37	18243.74
Dec 22, 1:00 AM	8.14	24377.39		1528.42	17.15	18325.36
Dec 22, 2:00 AM	7.94	24499.05		1516.52	18.63	18383.02
Dec 22, 3:00 AM	8.07	24426.14		1519.85	19.33	18109.13
Dec 22, 4:00 AM	8.55	24505.47		1514.01	19.67	18307.13
Dec 22, 5:00 AM	8.62	24196.56		1506.75	19.76	18465.48
Dec 22, 6:00 AM	8.32	24334.39		1484.63	19.88	18423.17
Dec 22, 7:00 AM	8.53	24438.29		1510.62	19.55	18243.66
Dec 22, 8:00 AM	8.35	24465.06		1517.13	19.36	18192.38
Dec 22, 9:00 AM	8.51	24505.69		1477.32	19.28	18353.90
Dec 22, 10:00 AM	8.03	24251.37		1516.27	19.23	18551.05
Dec 22, 11:00 AM	8.72	24464.84		1498.99	17.68	18488.38
Dec 22, 12:00 PM	8.78	24270.31		1481.30	11.87	18706.79
Dec 22, 1:00 PM	8.77	24242.07		1466.15	4.65	19110.94
Dec 22, 2:00 PM	7.10	23650.34	15.05	1449.09	1.24	19150.02
Dec 22, 3:00 PM	7.47	23288.59	16.06	1488.01	2.69	18737.25
Dec 22, 4:00 PM	8.39	24243.83	16.10	1501.00	5.98	18536.19
Dec 22, 5:00 PM	8.75	23523.03	15.13	1501.42	8.63	18842.13
Dec 22, 6:00 PM	8.71	23325.50	14.68	1517.93	9.30	18834.49
Dec 22, 7:00 PM	7.63	23719.44	14.57	1528.53	9.36	18788.61
Dec 22, 8:00 PM	8.21	23353.60	14.35	1539.97	10.18	18843.46

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 22, 9:00 PM	10.96	23602.22	13.63	1516.43	10.90	18726.05
Dec 22, 10:00 PM	10.70	23262.02	13.01	1531.07	11.37	18982.30
Dec 22, 11:00 PM	8.89	23920.59	13.45	1525.21	11.83	18875.62
Dec 23, 12:00 AM	7.59	23982.36	12.89	1527.97	11.99	18881.91
Dec 23, 1:00 AM	8.35	23600.45	13.65	1528.88	11.74	18837.13
Dec 23, 2:00 AM	8.11	23739.41	13.78	1514.10	10.42	18814.71
Dec 23, 3:00 AM	8.24	23546.47	13.98	1513.37	8.75	18880.38
Dec 23, 4:00 AM	8.42	23578.92	15.03	1519.73	7.68	18857.61
Dec 23, 5:00 AM	8.26	23357.83	15.55	1526.07	6.79	18931.63
Dec 23, 6:00 AM	8.55	23409.13	15.79	1523.23	6.27	19012.74
Dec 23, 7:00 AM	8.04	23733.43	15.63	1480.21	5.83	18994.71
Dec 23, 8:00 AM	8.35	23250.67	16.44	1498.80	5.83	18960.30
Dec 23, 9:00 AM	8.11	23582.50	15.37	1537.37	5.23	19013.76
Dec 23, 10:00 AM	7.00	23687.36	15.70	1538.80	3.51	19052.73
Dec 23, 11:00 AM	6.98	23308.24	15.88	1542.89	1.99	19852.65
Dec 23, 12:00 PM	6.72	22982.97	15.45	1555.62	4.65	19890.86
Dec 23, 1:00 PM	6.55	23296.82	15.14	1551.22	19.42	19614.61
Dec 23, 2:00 PM	6.34	23650.34	14.76	1541.03	3.17	19430.79
Dec 23, 3:00 PM	7.44	24034.71	13.94	1524.30	1.37	19302.81
Dec 23, 4:00 PM	7.59	24017.18	13.47	1488.72	0.37	19229.74
Dec 23, 5:00 PM	6.92	23934.71	15.25	1496.74	0.20	19308.72
Dec 23, 6:00 PM	7.30	23913.86	15.27	1478.61	0.11	19312.32
Dec 23, 7:00 PM	7.11	23955.91	14.90	1484.93	0.02	19320.06
Dec 23, 8:00 PM	7.08	23901.03	13.92	1488.27	0.01	19353.45
Dec 23, 9:00 PM	7.39	24117.63	13.39	1485.37	0.00	19387.35
Dec 23, 10:00 PM	7.13	24123.11	13.30	1471.98	0.00	19286.37
Dec 23, 11:00 PM	7.16	23996.55	13.11	1473.83	0.00	19291.99
Dec 24, 12:00 AM	6.92	24102.43	13.40	1466.18	0.00	19316.89
Dec 24, 1:00 AM	6.82	24004.85	13.73	1451.56	0.00	19319.10

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 24, 2:00 AM	6.40	24016.01	13.95	1445.11	0.00	19292.45
Dec 24, 3:00 AM	10.47	23843.94	16.28	1447.39	0.00	19270.65
Dec 24, 4:00 AM	10.27	24025.61	15.38	1445.98	0.00	19359.86
Dec 24, 5:00 AM	67.38	24055.81	14.82	1446.07	0.00	19529.98
Dec 24, 6:00 AM	39.50	23168.84	15.48	1459.69	0.31	19421.16
Dec 24, 7:00 AM	8.44	23660.04	15.68	1465.20	0.12	19192.42
Dec 24, 8:00 AM	8.19	23864.06	14.78	1472.62	0.13	18747.07
Dec 24, 9:00 AM	8.73	23721.60	14.54	1470.38	0.35	19300.33
Dec 24, 10:00 AM	8.66	23022.60	15.17	1490.98	2.28	19373.70
Dec 24, 11:00 AM	8.32	23156.58	15.83	1494.86	9.83	19376.76
Dec 24, 12:00 PM	8.03	23589.32	15.59	1507.19	3.31	19247.23
Dec 24, 1:00 PM	7.96	24304.31	14.98	1488.03	2.27	19166.70
Dec 24, 2:00 PM	7.28	24257.34	14.60	1474.46	3.19	19190.44
Dec 24, 3:00 PM	7.40	24143.71	15.00	1441.80	3.79	19342.44
Dec 24, 4:00 PM	6.94	24271.04	14.86	1430.80	3.55	19291.16
Dec 24, 5:00 PM	6.31	23961.32	15.23	1417.12	3.55	19244.92
Dec 24, 6:00 PM	5.89	23875.39	15.01	1419.89	3.19	19288.70
Dec 24, 7:00 PM	24.45	23567.87	14.91	1428.24	2.26	19306.17
Dec 24, 8:00 PM	11.54	23970.64	15.63	1451.08	2.17	19240.36
Dec 24, 9:00 PM	7.49	24307.64	15.63	1442.76	2.57	19213.58
Dec 24, 10:00 PM	8.25	24021.57	15.52	1450.15	2.42	19174.12
Dec 24, 11:00 PM	7.93	23683.88	15.45	1455.31	2.37	19217.40
Dec 25, 12:00 AM	7.44	23772.64	15.54	1452.94	1.85	19165.66
Dec 25, 1:00 AM	7.87	23783.51	15.17	1460.53	1.09	19093.81
Dec 25, 2:00 AM	7.52	23854.64	14.77	1447.03	0.68	19005.01
Dec 25, 3:00 AM	7.74	24095.28	15.12	1451.96	0.36	18986.11
Dec 25, 4:00 AM	7.59	24177.38	15.58	1454.71	0.25	18950.91
Dec 25, 5:00 AM	7.87	24420.66	16.33	1455.13	0.12	19009.38
Dec 25, 6:00 AM	7.74	24201.22	15.74	1449.09	0.04	18975.51

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Dec 25, 7:00 AM	8.18	24370.50	15.68	1440.06	0.09	18717.29
Dec 25, 8:00 AM	8.07	24207.06	15.51	1438.35	0.05	18499.47
Dec 25, 9:00 AM	8.32	24335.82	15.45	1444.07	0.12	18471.14
Dec 25, 10:00 AM	8.03	24437.28	15.38	1445.21	0.10	18478.01
Dec 25, 11:00 AM	8.34	24458.78	16.40	1453.81	0.09	18805.43
Dec 25, 12:00 PM	8.08	24695.92	16.73	1445.89	0.17	18970.75
Dec 25, 1:00 PM	7.38	24267.50	16.78	1447.00	3.98	18984.56
Dec 25, 2:00 PM	24.16	24988.57	16.55	1448.15	5.48	18985.52
Dec 25, 3:00 PM	104.95	25253.46	15.88	1447.30	3.10	18977.90
Dec 25, 4:00 PM	12.82	24546.45	16.13	1440.14	2.90	19025.61
Dec 25, 5:00 PM	5.26	24120.73	16.08	1449.74	2.21	19069.95
Dec 25, 6:00 PM	4.93	24219.66	15.89	1451.39	1.79	19051.44
Dec 25, 7:00 PM	6.71	24390.83	15.70	1454.42	1.67	18993.75
Dec 25, 8:00 PM	7.22	24366.90	16.44	1453.97	1.82	18985.51
Dec 25, 9:00 PM	6.63	24267.87	17.10	1456.73	1.48	19001.90
Dec 25, 10:00 PM	5.07	24213.34	16.84	1470.89	0.99	19034.23
Dec 25, 11:00 PM	4.68	24225.21	15.96	1466.36	1.67	19077.52
Dec 26, 12:00 AM	4.82	24167.39	15.76	1466.77	2.41	19111.21
Dec 26, 1:00 AM	4.78	24255.64	15.83	1472.59	2.64	19136.71
Dec 26, 2:00 AM	5.49	24232.71	15.38	1475.03	2.68	19095.81
Dec 26, 3:00 AM	5.41	24284.84	15.58	1474.42	2.67	19124.66
Dec 26, 4:00 AM	5.05	24491.71	15.96	1478.74	3.24	19160.35
Dec 26, 5:00 AM	5.43	24309.71	15.72	1474.33	3.11	19255.41
Dec 26, 6:00 AM	5.01	24310.21	15.53	1462.03	3.41	19291.46
Dec 26, 7:00 AM	5.08	23790.62	16.04	1459.71	3.50	19310.34
Dec 26, 8:00 AM	8.86	24857.28	16.17	1458.26	3.37	19245.97
Dec 26, 9:00 AM	4.80	23258.55	16.09	1446.96	3.26	19217.82
Dec 26, 10:00 AM	4.59	23336.96	16.68	1448.84	3.40	19377.67
Dec 26, 11:00 AM	4.58	23347.47	16.84	1451.54	3.40	19365.91



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Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 26, 12:00 PM	4.91	23797.17	16.36	1455.01	3.63	19450.01
Dec 26, 1:00 PM	5.75	24164.82	16.67	1457.19	4.68	19508.39
Dec 26, 2:00 PM	6.26	24361.60	17.27	1444.68	13.70	19546.03
Dec 26, 3:00 PM	6.80	24590.13	17.74	1446.79	7.31	19528.05
Dec 26, 4:00 PM	6.70	24681.62	17.84	1452.63	5.06	19523.36
Dec 26, 5:00 PM	6.70	24655.42	17.91	1452.33	4.37	19507.59
Dec 26, 6:00 PM	6.72	24569.88	17.03	1452.16	4.26	19438.59
Dec 26, 7:00 PM	6.37	24626.53	16.64	1456.92	3.95	19394.27
Dec 26, 8:00 PM	5.98	24461.11	16.58	1463.08	3.70	19357.98
Dec 26, 9:00 PM	5.41	24399.29	16.02	1461.15	3.69	19319.79
Dec 26, 10:00 PM	5.29	24635.38	16.03	1458.71	3.31	19277.41
Dec 26, 11:00 PM	5.06	24678.73	16.07	1464.47	3.16	19307.19
Dec 27, 12:00 AM	5.59	24651.59	16.00	1455.16	3.01	19287.86
Dec 27, 1:00 AM	12.96	24682.87	15.88	1459.47	3.15	19312.43
Dec 27, 2:00 AM	6.52	24471.29	15.72	1451.59	3.12	19353.02
Dec 27, 3:00 AM	6.25	24782.78	15.83	1442.95	3.25	19258.12
Dec 27, 4:00 AM	6.50	24751.46	15.47	1450.72	3.38	19248.40
Dec 27, 5:00 AM	5.04	24684.20	15.20	1450.04	3.11	19281.88
Dec 27, 6:00 AM	4.61	24503.46	15.14	1455.28	3.08	19322.28
Dec 27, 7:00 AM	4.66	24680.65	15.17	1443.22	3.23	19284.75
Dec 27, 8:00 AM	4.44	24580.03	15.42	1451.86	3.06	19309.15
Dec 27, 9:00 AM	4.19	24829.07	15.99	1436.67	3.84	19305.90
Dec 27, 10:00 AM	4.68	24712.79	16.40	1343.03	4.27	19131.80
Dec 27, 11:00 AM	5.34	24455.71	17.34	1375.65	4.08	19623.24
Dec 27, 12:00 PM	5.90	24990.87	18.25	1379.29	4.45	19727.17
Dec 27, 1:00 PM	6.94	25191.18	18.05	1373.00	14.68	19833.41
Dec 27, 2:00 PM	8.04	25290.92	18.28	1372.68	5.58	20026.19
Dec 27, 3:00 PM	8.08	25134.80	18.51	1373.11	3.30	20106.18
Dec 27, 4:00 PM	7.56	24882.63	18.52	1383.93	3.10	20120.55

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 27, 5:00 PM	9.20	25136.75	18.67	1403.31	2.54	20064.33
Dec 27, 6:00 PM	15.51	24831.16	18.16	1403.56	2.87	20513.08
Dec 27, 7:00 PM	11.21	24789.00	17.89	1416.96	3.06	20624.35
Dec 27, 8:00 PM	10.48	24218.37	17.98	1417.92	3.36	20744.04
Dec 27, 9:00 PM	9.45	23895.84	17.96	1429.84	3.30	21008.80
Dec 27, 10:00 PM	8.44	24304.31	17.74	1437.75	3.44	21021.80
Dec 27, 11:00 PM	8.29	24718.85	18.14	1444.55	3.25	20876.62
Dec 28, 12:00 AM	8.30	25064.65	17.95	1433.34	2.95	20753.66
Dec 28, 1:00 AM	8.58	25329.53	17.87	1425.51	2.54	20754.88
Dec 28, 2:00 AM	8.77	25387.34	18.43	1413.39	2.41	20799.04
Dec 28, 3:00 AM	8.59	25274.02	18.54	1401.40	2.42	20883.01
Dec 28, 4:00 AM	8.51	24955.48	18.72	1389.76	2.55	20991.20
Dec 28, 5:00 AM	7.36	24887.20	18.75	1392.46	2.48	21032.95
Dec 28, 6:00 AM	6.68	24868.66	18.44	1405.17	2.13	21157.11
Dec 28, 7:00 AM	5.97	24377.65	18.44	1380.29	2.21	21250.48
Dec 28, 8:00 AM	96.83	24528.37	17.56	1407.32	2.23	21018.50
Dec 28, 9:00 AM	10.28	24315.76	17.54	1416.50	2.37	20648.12
Dec 28, 10:00 AM	4.64	24151.68	17.10	1425.33	1.92	21424.63
Dec 28, 11:00 AM	4.01	24228.86	16.11	1410.84	3.77	21329.65
Dec 28, 12:00 PM	4.40	24481.62	15.75	1411.28	10.76	21332.93
Dec 28, 1:00 PM	5.72	24302.73	15.47	1419.23	3.58	21360.25
Dec 28, 2:00 PM	5.39	24080.13	15.91	1397.29	2.44	21553.86
Dec 28, 3:00 PM	9.44	23656.57	15.98	1398.45	1.98	21692.40
Dec 28, 4:00 PM	8.49	24566.42	16.10	1422.71	1.57	21354.49
Dec 28, 5:00 PM	3.41	25093.60	16.06	1376.25	1.72	20908.79
Dec 28, 6:00 PM	2.15	24390.91	15.17	1375.29	1.34	20994.91
Dec 28, 7:00 PM	1.95	23941.82	14.72	1396.34	0.81	21028.89
Dec 28, 8:00 PM	1.72	24345.73	15.02	1407.49	0.23	20829.04
Dec 28, 9:00 PM	1.95	24340.60	16.07	1404.30	0.35	20715.39

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 28, 10:00 PM	2.35	24640.09	17.17	1405.46	0.63	20599.09
Dec 28, 11:00 PM	3.02	24688.34	17.64	1408.70	0.96	20529.70
Dec 29, 12:00 AM	3.81	24997.64	17.77	1397.75	1.55	20489.84
Dec 29, 1:00 AM	5.27	24883.82	18.41	1402.31	1.40	20505.55
Dec 29, 2:00 AM	6.54	24280.68	18.50	1389.57	1.54	20636.24
Dec 29, 3:00 AM	6.63	25084.32	18.68	1388.20	1.38	20515.88
Dec 29, 4:00 AM	6.81	25031.49	18.75	1375.12	1.42	20470.81
Dec 29, 5:00 AM	6.99	24904.23	18.33	1377.83	1.37	20642.44
Dec 29, 6:00 AM	6.98	24385.09	18.30	1370.50	1.54	20674.46
Dec 29, 7:00 AM	7.22	24287.97	18.55	1379.22	1.69	20674.57
Dec 29, 8:00 AM	6.93	24539.70	18.38	1392.50	2.06	20279.07
Dec 29, 9:00 AM	7.31	24299.02	18.74	1397.37	2.18	20186.79
Dec 29, 10:00 AM	7.00	24265.38	18.11	1405.80	2.04	20698.88
Dec 29, 11:00 AM	5.92	23761.10	18.25	1393.47	3.05	20510.53
Dec 29, 12:00 PM	5.20	24341.80	18.31	1423.31	11.38	20367.85
Dec 29, 1:00 PM	4.92	24535.68	17.86	1409.38	5.48	20445.90
Dec 29, 2:00 PM	4.85	24106.52	17.24	1412.70	3.38	20500.26
Dec 29, 3:00 PM	4.80	23940.79	17.26	1394.20	4.28	20428.04
Dec 29, 4:00 PM	4.95	24265.17	17.39	1408.12	4.78	20395.80
Dec 29, 5:00 PM	5.53	24583.43	18.05	1412.32	3.95	20510.04
Dec 29, 6:00 PM	5.23	24387.99	18.57	1387.57	1.80	20589.94
Dec 29, 7:00 PM	4.79	23996.98	18.75	1395.53	1.37	20475.03
Dec 29, 8:00 PM	5.27	24890.88	20.10	1398.05	0.71	20591.16
Dec 29, 9:00 PM	6.23	25009.58	19.67	1374.80	0.53	20706.10
Dec 29, 10:00 PM	5.77	24442.81	19.39	1359.50	0.72	20951.37
Dec 29, 11:00 PM	6.29	24273.68	19.14	1344.04	0.72	20963.35
Dec 30, 12:00 AM	4.69	24466.96	19.52	1345.82	0.44	20807.51
Dec 30, 1:00 AM	4.37	24180.97	19.22	1350.91	0.61	20650.80
Dec 30, 2:00 AM	4.16	23255.25	17.97	1339.52	1.42	20147.02

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 30, 3:00 AM	4.83	24072.63	18.09	1378.78	4.36	19783.98
Dec 30, 4:00 AM	5.61	24540.42	18.43	1431.99	7.35	19702.21
Dec 30, 5:00 AM	5.88	24251.48	17.88	1439.27	7.31	19834.03
Dec 30, 6:00 AM	5.54	24308.50	18.03	1434.52	6.58	19916.61
Dec 30, 7:00 AM	5.04	24515.16	18.12	1420.00	6.66	19861.76
Dec 30, 8:00 AM	4.12	24466.26	18.43	1400.10	7.09	19436.12
Dec 30, 9:00 AM	3.63	24413.92	18.71	1402.21	6.79	19458.99
Dec 30, 10:00 AM	3.98	24298.83	18.65	1410.92	6.60	20128.66
Dec 30, 11:00 AM	4.69	24506.85	18.74	1410.88	8.60	20071.99
Dec 30, 12:00 PM	4.86	24499.34	18.96	1399.55	17.07	20166.61
Dec 30, 1:00 PM	4.92	24460.69	18.99	1400.81	7.89	20232.99
Dec 30, 2:00 PM	5.27	24461.70	19.33	1393.52	4.19	20404.51
Dec 30, 3:00 PM	10.05	24730.66	19.44	1379.02	3.17	20481.26
Dec 30, 4:00 PM	39.53	24572.65	18.67	1370.63	3.14	20556.00
Dec 30, 5:00 PM	18.49	24139.53	18.10	1359.41	3.05	20582.26
Dec 30, 6:00 PM	12.32	24009.75	17.24	1374.84	3.54	20471.52
Dec 30, 7:00 PM	8.32	24763.32	17.78	1386.12	4.42	20298.71
Dec 30, 8:00 PM	7.59	24746.04	18.56	1391.51	4.83	20281.51
Dec 30, 9:00 PM	7.05	24589.34	18.87	1400.36	5.82	20266.51
Dec 30, 10:00 PM	6.30	24497.90	18.57	1404.54	6.72	20218.61
Dec 30, 11:00 PM	5.68	24461.13	18.18	1403.79	7.13	20144.57
Dec 31, 12:00 AM	5.47	24261.93	17.44	1411.17	7.24	20102.88
Dec 31, 1:00 AM	4.91	24331.84	17.00	1428.16	6.75	20036.13
Dec 31, 2:00 AM	4.45	24394.56	17.23	1432.25	6.17	19863.58
Dec 31, 3:00 AM	4.56	24517.26	17.05	1433.54	5.32	19907.70
Dec 31, 4:00 AM	9.38	24844.69	17.25	1425.70	5.42	19814.38
Dec 31, 5:00 AM	17.66	24890.34	16.92	1428.73	5.62	19820.29
Dec 31, 6:00 AM	6.26	24509.26	16.39	1404.98	5.38	19975.29
Dec 31, 7:00 AM	5.87	24469.00	16.07	1340.60	5.62	20116.68

O.Reg 88/22 s34: Fuel Gas Data from CMS

Date	20 -Fuel Gas - H2S(ppm)	20 - Flow (sm3/hr)	32 -Fuel Gas - H2S(ppm)	32 - Flow (sm3/hr)	34 -Fuel Gas - H2S(ppm)	34 - Flow (sm3/hr)
Dec 31, 8:00 AM	5.61	24490.05	15.63	1337.35	5.81	19958.28
Dec 31, 9:00 AM	4.92	24636.32	15.65	1397.22	6.75	19688.62
Dec 31, 10:00 AM	4.39	24427.52	15.83	1418.68	7.75	19773.91
Dec 31, 11:00 AM	3.43	24460.28	16.57	1421.61	8.62	19813.00
Dec 31, 12:00 PM	4.31	24569.85	16.47	1422.39	8.77	19915.10
Dec 31, 1:00 PM	5.09	24328.97	16.06	1418.91	8.53	20217.31
Dec 31, 2:00 PM	5.71	24096.41	15.52	1424.15	9.86	20561.49
Dec 31, 3:00 PM	5.88	24190.64		1424.38	16.24	20601.89
Dec 31, 4:00 PM	5.81	24009.52		1423.45	21.45	20541.36
Dec 31, 5:00 PM	5.49	24415.72		1413.25	14.06	20400.82
Dec 31, 6:00 PM	5.23	24238.87		1398.79	12.67	20287.26
Dec 31, 7:00 PM	7.80	24372.41		1426.24	12.46	20281.44
Dec 31, 8:00 PM	7.84	24281.43		1403.64	11.73	20266.86
Dec 31, 9:00 PM	4.70	24073.88		1389.25	11.16	20222.28
Dec 31, 10:00 PM	6.05	24020.10		1422.74	10.30	20327.96
Dec 31, 11:00 PM	9.04	24025.97		1430.19	9.13	20274.74

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)
Q4 - Oct 1- Dec 31	22,241	3,013	4,631

## O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Nov 22, 12:00 PM	CMS commissioned	
Nov 22, 1:00 PM	8159.82	181.81
Nov 22, 2:00 PM	8284.31	182.42
Nov 22, 3:00 PM	8503.24	183.21
Nov 22, 4:00 PM	8569.18	180.24
Nov 22, 5:00 PM	8532.63	180.37
Nov 22, 6:00 PM	8524.02	182.75
Nov 22, 7:00 PM	8626.50	183.15
Nov 22, 8:00 PM	8628.52	176.91
Nov 22, 9:00 PM	8613.66	173.81
Nov 22, 10:00 PM	8785.57	165.24
Nov 22, 11:00 PM	8795.65	155.76
Nov 23, 12:00 AM	8809.29	158.31
Nov 23, 1:00 AM	8827.78	162.88
Nov 23, 2:00 AM	8809.68	164.06
Nov 23, 3:00 AM	8830.47	164.89
Nov 23, 4:00 AM	8863.35	167.56
Nov 23, 5:00 AM	8807.27	171.81
Nov 23, 6:00 AM	8778.48	173.03
Nov 23, 7:00 AM	8561.09	169.69
Nov 23, 8:00 AM	8691.53	163.23
Nov 23, 9:00 AM	8946.34	164.26
Nov 23, 10:00 AM	8915.39	167.56
Nov 23, 11:00 AM	8969.96	170.19
Nov 23, 12:00 PM	9023.22	167.73
Nov 23, 1:00 PM	9089.75	164.92
Nov 23, 2:00 PM	8947.72	166.86
Nov 23, 3:00 PM	8938.86	167.33
Nov 23, 4:00 PM	8805.20	165.93
Nov 23, 5:00 PM	8763.13	156.81
Nov 23, 6:00 PM	8750.58	156.60
Nov 23, 7:00 PM	8807.83	156.66
Nov 23, 8:00 PM	8725.05	154.48
Nov 23, 9:00 PM	8505.98	154.40
Nov 23, 10:00 PM	8669.81	154.54
Nov 23, 11:00 PM	8205.19	156.56
Nov 24, 12:00 AM	8267.45	158.81
Nov 24, 1:00 AM	8424.35	154.78
Nov 24, 2:00 AM	8520.63	151.50
Nov 24, 3:00 AM	8039.14	152.99
Nov 24, 4:00 AM	7397.78	151.46
Nov 24, 5:00 AM	7487.32	147.41
Nov 24, 6:00 AM	8248.91	148.32

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Nov 24, 7:00 AM	7712.80	114.55
Nov 24, 8:00 AM	7640.37	144.12
Nov 24, 9:00 AM	8466.36	129.00
Nov 24, 10:00 AM	7849.66	104.63
Nov 24, 11:00 AM	7773.15	75.04
Nov 24, 12:00 PM	7318.76	70.72
Nov 24, 1:00 PM	7205.85	86.96
Nov 24, 2:00 PM	6671.41	81.83
Nov 24, 3:00 PM	6605.83	56.66
Nov 24, 4:00 PM	6792.82	23.15
Nov 24, 5:00 PM	8559.75	67.30
Nov 24, 6:00 PM	7207.65	161.72
Nov 24, 7:00 PM	7466.90	155.99
Nov 24, 8:00 PM	8269.26	159.97
Nov 24, 9:00 PM	8463.11	162.71
Nov 24, 10:00 PM	8427.40	163.33
Nov 24, 11:00 PM	8517.70	161.21
Nov 25, 12:00 AM	8351.91	166.55
Nov 25, 1:00 AM	7405.34	165.17
Nov 25, 2:00 AM	7294.94	162.61
Nov 25, 3:00 AM	7606.67	166.72
Nov 25, 4:00 AM	7628.07	165.63
Nov 25, 5:00 AM	7564.54	163.21
Nov 25, 6:00 AM	7427.10	162.72
Nov 25, 7:00 AM	7876.13	159.45
Nov 25, 8:00 AM	7884.58	152.20
Nov 25, 9:00 AM	8333.32	157.65
Nov 25, 10:00 AM	8014.22	153.43
Nov 25, 11:00 AM	7935.63	156.78
Nov 25, 12:00 PM	8324.52	160.52
Nov 25, 1:00 PM	8344.39	167.10
Nov 25, 2:00 PM	8126.53	151.66
Nov 25, 3:00 PM	8131.47	159.02
Nov 25, 4:00 PM	8177.65	164.85
Nov 25, 5:00 PM	8114.27	165.03
Nov 25, 6:00 PM	8240.88	162.18
Nov 25, 7:00 PM	8067.40	160.22
Nov 25, 8:00 PM	8080.18	157.60
Nov 25, 9:00 PM	7947.42	156.72
Nov 25, 10:00 PM	8718.64	157.14
Nov 25, 11:00 PM	9112.53	164.45
Nov 26, 12:00 AM	9112.12	165.70
Nov 26, 1:00 AM	9127.14	161.25



## O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Nov 26, 2:00 AM	9091.92	166.88
Nov 26, 3:00 AM	9075.99	189.76
Nov 26, 4:00 AM	9041.80	137.72
Nov 26, 5:00 AM	9017.97	134.87
Nov 26, 6:00 AM	9118.29	135.51
Nov 26, 7:00 AM	9071.01	123.86
Nov 26, 8:00 AM	9088.50	128.80
Nov 26, 9:00 AM	9105.95	
Nov 26, 10:00 AM	9111.23	
Nov 26, 11:00 AM	9452.31	
Nov 26, 12:00 PM	9726.02	
Nov 26, 1:00 PM	10202.23	
Nov 26, 2:00 PM	10000.27	
Nov 26, 3:00 PM	9370.26	
Nov 26, 4:00 PM	8978.48	
Nov 26, 5:00 PM	9083.32	
Nov 26, 6:00 PM	9237.82	
Nov 26, 7:00 PM	9270.22	
Nov 26, 8:00 PM	9179.18	
Nov 26, 9:00 PM	9067.59	
Nov 26, 10:00 PM	9111.40	
Nov 26, 11:00 PM	9065.44	
Nov 27, 12:00 AM	8969.05	
Nov 27, 1:00 AM	8837.92	
Nov 27, 2:00 AM	8744.60	
Nov 27, 3:00 AM	9083.50	
Nov 27, 4:00 AM	9180.52	
Nov 27, 5:00 AM	9382.89	
Nov 27, 6:00 AM	8857.60	
Nov 27, 7:00 AM	8566.30	
Nov 27, 8:00 AM	8375.05	
Nov 27, 9:00 AM	8324.27	
Nov 27, 10:00 AM	8680.87	
Nov 27, 11:00 AM	8834.55	
Nov 27, 12:00 PM	8796.53	
Nov 27, 1:00 PM	8383.44	
Nov 27, 2:00 PM	8088.02	
Nov 27, 3:00 PM	8108.76	
Nov 27, 4:00 PM	8036.14	
Nov 27, 5:00 PM	8325.65	
Nov 27, 6:00 PM	8162.34	
Nov 27, 7:00 PM	8593.41	
Nov 27, 8:00 PM	8277.23	

## O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Nov 27, 9:00 PM	7259.68	
Nov 27, 10:00 PM	6688.43	
Nov 27, 11:00 PM	7043.41	
Nov 28, 12:00 AM	7762.45	
Nov 28, 1:00 AM	7111.84	
Nov 28, 2:00 AM	7071.40	
Nov 28, 3:00 AM	7326.33	
Nov 28, 4:00 AM	7689.43	
Nov 28, 5:00 AM	7498.05	
Nov 28, 6:00 AM	8148.83	
Nov 28, 7:00 AM	8603.90	
Nov 28, 8:00 AM	8857.66	
Nov 28, 9:00 AM	9160.99	
Nov 28, 10:00 AM	8880.19	
Nov 28, 11:00 AM	8907.15	
Nov 28, 12:00 PM	9308.24	
Nov 28, 1:00 PM	9193.60	
Nov 28, 2:00 PM	9131.00	
Nov 28, 3:00 PM	9165.43	
Nov 28, 4:00 PM	9141.80	
Nov 28, 5:00 PM	9175.57	
Nov 28, 6:00 PM	9175.95	
Nov 28, 7:00 PM	9148.87	
Nov 28, 8:00 PM	9257.91	
Nov 28, 9:00 PM	9236.56	
Nov 28, 10:00 PM	9224.28	
Nov 28, 11:00 PM	9200.79	
Nov 29, 12:00 AM	9236.69	
Nov 29, 1:00 AM	9327.14	
Nov 29, 2:00 AM	9308.56	
Nov 29, 3:00 AM	9289.58	
Nov 29, 4:00 AM	9243.56	
Nov 29, 5:00 AM	9130.23	
Nov 29, 6:00 AM	9178.24	
Nov 29, 7:00 AM	9066.54	
Nov 29, 8:00 AM	9103.44	
Nov 29, 9:00 AM	9075.00	
Nov 29, 10:00 AM	9116.71	
Nov 29, 11:00 AM	9142.44	
Nov 29, 12:00 PM	9494.54	
Nov 29, 1:00 PM	9433.56	
Nov 29, 2:00 PM	9431.77	
Nov 29, 3:00 PM	9139.28	

## O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Nov 29, 4:00 PM	9060.87	
Nov 29, 5:00 PM	9134.79	
Nov 29, 6:00 PM	9081.35	
Nov 29, 7:00 PM	9145.53	
Nov 29, 8:00 PM	9049.14	
Nov 29, 9:00 PM	9074.47	
Nov 29, 10:00 PM	9075.45	
Nov 29, 11:00 PM	9066.70	
Nov 30, 12:00 AM	9088.33	
Nov 30, 1:00 AM	9196.00	
Nov 30, 2:00 AM	9142.65	
Nov 30, 3:00 AM	8938.55	
Nov 30, 4:00 AM	8768.90	
Nov 30, 5:00 AM	8924.28	
Nov 30, 6:00 AM	8976.87	
Nov 30, 7:00 AM	8989.18	
Nov 30, 8:00 AM	8837.07	
Nov 30, 9:00 AM	8532.46	
Nov 30, 10:00 AM	8318.64	
Nov 30, 11:00 AM	8449.09	
Nov 30, 12:00 PM	8793.62	
Nov 30, 1:00 PM	9019.72	
Nov 30, 2:00 PM	9139.23	
Nov 30, 3:00 PM	9113.32	
Nov 30, 4:00 PM	9073.60	
Nov 30, 5:00 PM	8847.43	
Nov 30, 6:00 PM	8663.21	
Nov 30, 7:00 PM	8681.14	
Nov 30, 8:00 PM	8991.53	
Nov 30, 9:00 PM	8955.14	
Nov 30, 10:00 PM	9053.28	
Nov 30, 11:00 PM	8964.10	
Dec 1, 12:00 AM	8768.03	
Dec 1, 1:00 AM	8865.35	
Dec 1, 2:00 AM	8571.45	
Dec 1, 3:00 AM	8305.65	
Dec 1, 4:00 AM	8881.16	
Dec 1, 5:00 AM	9295.94	
Dec 1, 6:00 AM	9288.46	
Dec 1, 7:00 AM	9315.37	
Dec 1, 8:00 AM	9268.60	
Dec 1, 9:00 AM	9331.85	
Dec 1, 10:00 AM	9283.35	

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 1, 11:00 AM	9328.29	
Dec 1, 12:00 PM	9762.29	
Dec 1, 1:00 PM	9382.78	
Dec 1, 2:00 PM	9230.72	
Dec 1, 3:00 PM	9263.30	
Dec 1, 4:00 PM	9206.58	
Dec 1, 5:00 PM	9245.44	
Dec 1, 6:00 PM	9282.37	
Dec 1, 7:00 PM	9282.10	
Dec 1, 8:00 PM	9327.30	
Dec 1, 9:00 PM	9171.61	
Dec 1, 10:00 PM	9148.34	
Dec 1, 11:00 PM	9053.51	
Dec 2, 12:00 AM	9073.21	
Dec 2, 1:00 AM	9046.00	
Dec 2, 2:00 AM	9096.68	
Dec 2, 3:00 AM	8963.96	
Dec 2, 4:00 AM	8971.64	
Dec 2, 5:00 AM	9005.85	
Dec 2, 6:00 AM	9291.15	
Dec 2, 7:00 AM	9292.38	
Dec 2, 8:00 AM	8926.98	
Dec 2, 9:00 AM	8946.11	
Dec 2, 10:00 AM	8897.46	
Dec 2, 11:00 AM	9262.74	
Dec 2, 12:00 PM	9819.50	
Dec 2, 1:00 PM	10004.57	
Dec 2, 2:00 PM	10011.78	
Dec 2, 3:00 PM	9635.72	
Dec 2, 4:00 PM	9306.88	
Dec 2, 5:00 PM	8630.57	
Dec 2, 6:00 PM	8982.15	
Dec 2, 7:00 PM	9147.67	
Dec 2, 8:00 PM	9304.44	
Dec 2, 9:00 PM	9254.80	
Dec 2, 10:00 PM	9261.52	
Dec 2, 11:00 PM	9244.44	
Dec 3, 12:00 AM	9200.48	
Dec 3, 1:00 AM	9216.13	
Dec 3, 2:00 AM	9227.11	
Dec 3, 3:00 AM	9212.60	
Dec 3, 4:00 AM	9220.27	
Dec 3, 5:00 AM	9235.59	

## O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 3, 6:00 AM	9255.92	
Dec 3, 7:00 AM	9192.17	
Dec 3, 8:00 AM	9049.30	
Dec 3, 9:00 AM	8896.83	
Dec 3, 10:00 AM	9229.57	
Dec 3, 11:00 AM	9708.67	
Dec 3, 12:00 PM	10300.46	
Dec 3, 1:00 PM	10368.12	
Dec 3, 2:00 PM	10029.47	
Dec 3, 3:00 PM	9678.98	
Dec 3, 4:00 PM	9498.40	
Dec 3, 5:00 PM	9530.77	
Dec 3, 6:00 PM	8517.85	
Dec 3, 7:00 PM	8296.88	
Dec 3, 8:00 PM	8232.82	
Dec 3, 9:00 PM	8281.51	
Dec 3, 10:00 PM	8294.59	
Dec 3, 11:00 PM	8259.84	
Dec 4, 12:00 AM	8245.08	
Dec 4, 1:00 AM	8218.64	
Dec 4, 2:00 AM	8242.17	
Dec 4, 3:00 AM	8219.45	
Dec 4, 4:00 AM	8223.58	
Dec 4, 5:00 AM	8222.06	
Dec 4, 6:00 AM	8231.20	
Dec 4, 7:00 AM	8226.87	
Dec 4, 8:00 AM	8204.07	
Dec 4, 9:00 AM	8220.33	
Dec 4, 10:00 AM	8211.76	
Dec 4, 11:00 AM	8218.60	
Dec 4, 12:00 PM	8232.75	169.80
Dec 4, 1:00 PM	8238.32	165.46
Dec 4, 2:00 PM	8247.20	165.85
Dec 4, 3:00 PM	8247.67	168.04
Dec 4, 4:00 PM	8259.79	171.70
Dec 4, 5:00 PM	8290.87	175.30
Dec 4, 6:00 PM	8410.81	173.37
Dec 4, 7:00 PM	9068.84	170.32
Dec 4, 8:00 PM	8551.62	162.95
Dec 4, 9:00 PM	8365.70	167.06
Dec 4, 10:00 PM	8288.30	169.45
Dec 4, 11:00 PM	8449.82	170.67
Dec 5, 12:00 AM	8976.04	173.12

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 5, 1:00 AM	9014.74	175.44
Dec 5, 2:00 AM	8782.20	179.63
Dec 5, 3:00 AM	8752.68	181.01
Dec 5, 4:00 AM	8878.89	179.28
Dec 5, 5:00 AM	8930.37	174.21
Dec 5, 6:00 AM	9023.05	170.81
Dec 5, 7:00 AM	9114.70	168.73
Dec 5, 8:00 AM	9142.47	170.07
Dec 5, 9:00 AM	9149.92	171.00
Dec 5, 10:00 AM	9228.27	170.24
Dec 5, 11:00 AM	9162.58	171.67
Dec 5, 12:00 PM	9125.03	174.08
Dec 5, 1:00 PM	9238.28	176.53
Dec 5, 2:00 PM	9128.30	173.31
Dec 5, 3:00 PM	9224.26	171.17
Dec 5, 4:00 PM	9282.51	169.65
Dec 5, 5:00 PM	9271.88	165.13
Dec 5, 6:00 PM	9301.95	165.86
Dec 5, 7:00 PM	9324.05	165.90
Dec 5, 8:00 PM	9340.02	168.81
Dec 5, 9:00 PM	9344.87	171.53
Dec 5, 10:00 PM	9258.55	174.29
Dec 5, 11:00 PM	9256.71	175.64
Dec 6, 12:00 AM	9290.50	172.02
Dec 6, 1:00 AM	9287.22	172.79
Dec 6, 2:00 AM	9279.56	175.56
Dec 6, 3:00 AM	9278.29	176.84
Dec 6, 4:00 AM	9220.13	176.48
Dec 6, 5:00 AM	9218.98	170.16
Dec 6, 6:00 AM	9668.35	169.27
Dec 6, 7:00 AM	9543.26	168.37
Dec 6, 8:00 AM	9311.85	169.53
Dec 6, 9:00 AM	8606.47	171.36
Dec 6, 10:00 AM	9168.04	171.58
Dec 6, 11:00 AM	9397.68	173.57
Dec 6, 12:00 PM	9333.09	171.80
Dec 6, 1:00 PM	9369.75	176.52
Dec 6, 2:00 PM	9194.72	177.86
Dec 6, 3:00 PM	8970.71	177.90
Dec 6, 4:00 PM	8970.61	171.01
Dec 6, 5:00 PM	9130.10	165.32
Dec 6, 6:00 PM	8914.26	168.78
Dec 6, 7:00 PM	9143.69	171.65

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 6, 8:00 PM	9185.25	174.37
Dec 6, 9:00 PM	9094.77	177.24
Dec 6, 10:00 PM	9190.99	179.18
Dec 6, 11:00 PM	9272.86	181.61
Dec 7, 12:00 AM	9457.21	179.04
Dec 7, 1:00 AM	9378.72	174.25
Dec 7, 2:00 AM	9381.47	179.27
Dec 7, 3:00 AM	9223.88	180.11
Dec 7, 4:00 AM	9323.97	180.03
Dec 7, 5:00 AM	9086.86	178.09
Dec 7, 6:00 AM	8572.90	178.92
Dec 7, 7:00 AM	8403.60	172.96
Dec 7, 8:00 AM	8374.71	170.71
Dec 7, 9:00 AM	8362.95	174.82
Dec 7, 10:00 AM	8355.48	176.85
Dec 7, 11:00 AM	8302.30	174.18
Dec 7, 12:00 PM	8367.99	174.67
Dec 7, 1:00 PM	8357.62	175.55
Dec 7, 2:00 PM	8393.03	176.49
Dec 7, 3:00 PM	8386.92	177.80
Dec 7, 4:00 PM	8382.82	172.99
Dec 7, 5:00 PM	8393.97	168.53
Dec 7, 6:00 PM	8397.74	172.97
Dec 7, 7:00 PM	8411.13	174.94
Dec 7, 8:00 PM	8401.39	176.20
Dec 7, 9:00 PM	8397.33	175.74
Dec 7, 10:00 PM	8416.04	174.70
Dec 7, 11:00 PM	8464.47	177.07
Dec 8, 12:00 AM	8461.23	179.42
Dec 8, 1:00 AM	8427.48	180.19
Dec 8, 2:00 AM	8430.01	181.66
Dec 8, 3:00 AM	8435.52	181.64
Dec 8, 4:00 AM	8441.33	179.60
Dec 8, 5:00 AM	8472.29	175.45
Dec 8, 6:00 AM	8506.00	176.80
Dec 8, 7:00 AM	9208.43	172.07
Dec 8, 8:00 AM	9197.54	174.52
Dec 8, 9:00 AM	9111.01	176.07
Dec 8, 10:00 AM	8490.61	177.27
Dec 8, 11:00 AM	8615.85	176.45
Dec 8, 12:00 PM	9209.43	173.89
Dec 8, 1:00 PM	9597.33	175.63
Dec 8, 2:00 PM	10153.87	178.26

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 8, 3:00 PM	7819.05	179.03
Dec 8, 4:00 PM	7612.86	179.86
Dec 8, 5:00 PM	8024.08	174.59
Dec 8, 6:00 PM	8089.84	177.43
Dec 8, 7:00 PM	8793.56	171.86
Dec 8, 8:00 PM	9007.04	170.88
Dec 8, 9:00 PM	8898.00	174.04
Dec 8, 10:00 PM	8748.33	177.02
Dec 8, 11:00 PM	8674.24	179.32
Dec 9, 12:00 AM	8741.56	176.03
Dec 9, 1:00 AM	8797.06	178.35
Dec 9, 2:00 AM	8894.69	180.28
Dec 9, 3:00 AM	8945.89	180.42
Dec 9, 4:00 AM	8988.82	177.35
Dec 9, 5:00 AM	8707.20	173.25
Dec 9, 6:00 AM	8447.44	174.40
Dec 9, 7:00 AM	8411.21	173.01
Dec 9, 8:00 AM	8430.00	175.78
Dec 9, 9:00 AM	8478.35	178.51
Dec 9, 10:00 AM	8481.66	176.00
Dec 9, 11:00 AM	8436.46	176.83
Dec 9, 12:00 PM	8423.72	179.32
Dec 9, 1:00 PM	8270.49	178.87
Dec 9, 2:00 PM	8300.23	178.86
Dec 9, 3:00 PM	8390.87	175.26
Dec 9, 4:00 PM	8346.57	178.63
Dec 9, 5:00 PM	8577.17	181.62
Dec 9, 6:00 PM	8627.43	182.31
Dec 9, 7:00 PM	8457.04	178.89
Dec 9, 8:00 PM	8452.46	173.85
Dec 9, 9:00 PM	8276.26	177.75
Dec 9, 10:00 PM	8652.99	177.91
Dec 9, 11:00 PM	8510.44	179.12
Dec 10, 12:00 AM	8449.44	177.19
Dec 10, 1:00 AM	8535.92	173.93
Dec 10, 2:00 AM	8543.64	180.50
Dec 10, 3:00 AM	8559.66	182.39
Dec 10, 4:00 AM	8625.14	181.34
Dec 10, 5:00 AM	8520.44	175.19
Dec 10, 6:00 AM	8828.55	178.42
Dec 10, 7:00 AM	8498.11	175.52
Dec 10, 8:00 AM	8436.25	169.95
Dec 10, 9:00 AM	8412.83	173.84



O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 10, 10:00 AM	8406.74	
Dec 10, 11:00 AM	8323.72	
Dec 10, 12:00 PM	8448.63	
Dec 10, 1:00 PM	8823.31	
Dec 10, 2:00 PM	8312.77	
Dec 10, 3:00 PM	7988.57	
Dec 10, 4:00 PM	8051.74	180.04
Dec 10, 5:00 PM	7953.73	172.38
Dec 10, 6:00 PM	7940.85	174.57
Dec 10, 7:00 PM	8282.72	174.88
Dec 10, 8:00 PM	9130.82	172.71
Dec 10, 9:00 PM	8197.60	164.85
Dec 10, 10:00 PM	7503.91	162.87
Dec 10, 11:00 PM	8617.69	158.21
Dec 11, 12:00 AM	8827.46	151.28
Dec 11, 1:00 AM	9386.85	154.18
Dec 11, 2:00 AM	9250.18	157.42
Dec 11, 3:00 AM	9388.69	169.76
Dec 11, 4:00 AM	9506.33	177.87
Dec 11, 5:00 AM	9737.92	178.18
Dec 11, 6:00 AM	9845.60	181.39
Dec 11, 7:00 AM	9685.62	177.90
Dec 11, 8:00 AM	9788.99	178.14
Dec 11, 9:00 AM	9641.29	181.30
Dec 11, 10:00 AM	9566.53	177.95
Dec 11, 11:00 AM	9542.83	177.84
Dec 11, 12:00 PM	9481.49	179.27
Dec 11, 1:00 PM	9541.55	180.99
Dec 11, 2:00 PM	9571.44	182.35
Dec 11, 3:00 PM	9550.72	173.77
Dec 11, 4:00 PM	9546.59	152.85
Dec 11, 5:00 PM	9546.60	171.84
Dec 11, 6:00 PM	9427.56	174.12
Dec 11, 7:00 PM	9048.18	174.88
Dec 11, 8:00 PM	9016.57	171.83
Dec 11, 9:00 PM	9228.65	174.62
Dec 11, 10:00 PM	9006.88	177.69
Dec 11, 11:00 PM	9303.67	178.05
Dec 12, 12:00 AM	9278.84	172.96
Dec 12, 1:00 AM	9211.64	173.64
Dec 12, 2:00 AM	9216.06	177.36
Dec 12, 3:00 AM	9242.78	176.34
Dec 12, 4:00 AM	9231.32	171.48

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 12, 5:00 AM	9186.07	172.02
Dec 12, 6:00 AM	9149.28	175.95
Dec 12, 7:00 AM	9162.22	172.28
Dec 12, 8:00 AM	9147.49	167.92
Dec 12, 9:00 AM	9123.15	176.00
Dec 12, 10:00 AM	9254.93	178.49
Dec 12, 11:00 AM	9458.99	180.73
Dec 12, 12:00 PM	9964.85	176.73
Dec 12, 1:00 PM	10309.92	177.25
Dec 12, 2:00 PM	10214.18	183.84
Dec 12, 3:00 PM	9526.40	182.92
Dec 12, 4:00 PM	9428.61	179.09
Dec 12, 5:00 PM	9358.72	189.84
Dec 12, 6:00 PM	9470.79	191.25
Dec 12, 7:00 PM	9489.57	192.65
Dec 12, 8:00 PM	9464.24	193.20
Dec 12, 9:00 PM	9478.12	196.86
Dec 12, 10:00 PM	9570.02	198.58
Dec 12, 11:00 PM	9229.73	197.83
Dec 13, 12:00 AM	9380.44	196.70
Dec 13, 1:00 AM	9231.30	192.05
Dec 13, 2:00 AM	8765.80	194.54
Dec 13, 3:00 AM	8808.48	194.27
Dec 13, 4:00 AM	9314.24	189.02
Dec 13, 5:00 AM	9594.13	193.83
Dec 13, 6:00 AM	9444.42	195.42
Dec 13, 7:00 AM	9189.31	196.23
Dec 13, 8:00 AM	9091.43	191.83
Dec 13, 9:00 AM	9170.76	187.99
Dec 13, 10:00 AM	9022.82	192.46
Dec 13, 11:00 AM	8643.42	192.81
Dec 13, 12:00 PM	9624.12	191.08
Dec 13, 1:00 PM	10182.28	191.27
Dec 13, 2:00 PM	10153.53	196.88
Dec 13, 3:00 PM	9327.32	196.71
Dec 13, 4:00 PM	8848.54	195.99
Dec 13, 5:00 PM	8312.65	198.23
Dec 13, 6:00 PM	8190.80	198.21
Dec 13, 7:00 PM	8531.90	196.55
Dec 13, 8:00 PM	7916.96	190.90
Dec 13, 9:00 PM	7802.73	194.10
Dec 13, 10:00 PM	8111.73	195.31
Dec 13, 11:00 PM	8111.13	197.19

## O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 14, 12:00 AM	8208.99	195.37
Dec 14, 1:00 AM	7971.80	186.98
Dec 14, 2:00 AM	7953.81	187.78
Dec 14, 3:00 AM	8143.41	192.99
Dec 14, 4:00 AM	8174.77	196.33
Dec 14, 5:00 AM	8097.41	201.94
Dec 14, 6:00 AM	8197.33	204.12
Dec 14, 7:00 AM	8220.93	204.67
Dec 14, 8:00 AM	8195.65	201.71
Dec 14, 9:00 AM	8042.04	203.39
Dec 14, 10:00 AM	7867.89	199.90
Dec 14, 11:00 AM	7999.65	200.07
Dec 14, 12:00 PM	8733.47	202.40
Dec 14, 1:00 PM	9464.93	202.74
Dec 14, 2:00 PM	9330.42	201.42
Dec 14, 3:00 PM	9024.09	200.98
Dec 14, 4:00 PM	8378.10	192.72
Dec 14, 5:00 PM	8414.24	182.72
Dec 14, 6:00 PM	8057.02	192.43
Dec 14, 7:00 PM	8240.21	195.15
Dec 14, 8:00 PM	8208.13	188.87
Dec 14, 9:00 PM	8664.55	187.41
Dec 14, 10:00 PM	8418.16	191.68
Dec 14, 11:00 PM	8886.27	194.75
Dec 15, 12:00 AM	8873.03	193.77
Dec 15, 1:00 AM	8860.05	189.19
Dec 15, 2:00 AM	8309.53	195.99
Dec 15, 3:00 AM	8927.30	202.61
Dec 15, 4:00 AM	8941.16	204.09
Dec 15, 5:00 AM	8893.05	206.23
Dec 15, 6:00 AM	8814.56	207.44
Dec 15, 7:00 AM	8635.68	201.89
Dec 15, 8:00 AM	8704.64	198.97
Dec 15, 9:00 AM	8660.49	201.52
Dec 15, 10:00 AM	8642.28	203.17
Dec 15, 11:00 AM	8634.06	206.64
Dec 15, 12:00 PM	8599.32	203.29
Dec 15, 1:00 PM	8589.66	198.00
Dec 15, 2:00 PM	8643.41	202.08
Dec 15, 3:00 PM	8692.96	204.39
Dec 15, 4:00 PM	8708.34	202.34
Dec 15, 5:00 PM	8723.71	198.70
Dec 15, 6:00 PM	8682.94	203.03

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 15, 7:00 PM	8677.65	203.09
Dec 15, 8:00 PM	8694.35	198.83
Dec 15, 9:00 PM	8690.78	201.78
Dec 15, 10:00 PM	8710.05	207.60
Dec 15, 11:00 PM	8767.59	207.88
Dec 16, 12:00 AM	8803.37	200.73
Dec 16, 1:00 AM	8789.09	204.79
Dec 16, 2:00 AM	8858.20	210.94
Dec 16, 3:00 AM	8845.80	213.92
Dec 16, 4:00 AM	8822.24	211.19
Dec 16, 5:00 AM	8861.81	205.63
Dec 16, 6:00 AM	8816.39	209.11
Dec 16, 7:00 AM	8739.89	205.84
Dec 16, 8:00 AM	8795.68	208.82
Dec 16, 9:00 AM	8745.15	211.38
Dec 16, 10:00 AM	8829.47	213.06
Dec 16, 11:00 AM	8924.29	208.88
Dec 16, 12:00 PM	8954.01	211.73
Dec 16, 1:00 PM	8703.22	214.58
Dec 16, 2:00 PM	8709.38	219.55
Dec 16, 3:00 PM	8741.51	221.06
Dec 16, 4:00 PM	8769.20	217.57
Dec 16, 5:00 PM	8667.79	214.36
Dec 16, 6:00 PM	8658.63	217.06
Dec 16, 7:00 PM	8690.60	213.59
Dec 16, 8:00 PM	8706.52	210.12
Dec 16, 9:00 PM	8732.55	208.36
Dec 16, 10:00 PM	9584.81	212.14
Dec 16, 11:00 PM	9684.42	209.58
Dec 17, 12:00 AM	9690.38	206.38
Dec 17, 1:00 AM	9693.94	213.56
Dec 17, 2:00 AM	9688.54	215.61
Dec 17, 3:00 AM	9344.32	218.11
Dec 17, 4:00 AM	9241.23	213.29
Dec 17, 5:00 AM	8964.11	208.19
Dec 17, 6:00 AM	9045.01	209.66
Dec 17, 7:00 AM	9404.31	206.32
Dec 17, 8:00 AM	9848.37	209.86
Dec 17, 9:00 AM	9808.46	210.12
Dec 17, 10:00 AM	9760.90	211.17
Dec 17, 11:00 AM	9920.08	206.26
Dec 17, 12:00 PM	9818.17	207.22
Dec 17, 1:00 PM	9780.13	208.46

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 17, 2:00 PM	9830.57	212.87
Dec 17, 3:00 PM	9839.10	209.39
Dec 17, 4:00 PM	9799.42	201.85
Dec 17, 5:00 PM	9471.68	206.14
Dec 17, 6:00 PM	9177.72	211.29
Dec 17, 7:00 PM	8915.24	210.64
Dec 17, 8:00 PM	9059.48	203.54
Dec 17, 9:00 PM	9039.38	206.29
Dec 17, 10:00 PM	8836.71	209.68
Dec 17, 11:00 PM	8887.07	215.83
Dec 18, 12:00 AM	9465.47	208.45
Dec 18, 1:00 AM	9754.60	206.84
Dec 18, 2:00 AM	9491.33	208.47
Dec 18, 3:00 AM	9603.98	208.22
Dec 18, 4:00 AM	9339.87	195.06
Dec 18, 5:00 AM	8845.91	180.16
Dec 18, 6:00 AM	8734.54	182.53
Dec 18, 7:00 AM	8891.08	184.44
Dec 18, 8:00 AM	8553.78	183.53
Dec 18, 9:00 AM	8258.84	178.02
Dec 18, 10:00 AM	8707.38	179.24
Dec 18, 11:00 AM	9016.99	183.91
Dec 18, 12:00 PM	9532.13	186.52
Dec 18, 1:00 PM	9770.88	187.54
Dec 18, 2:00 PM	9758.46	185.06
Dec 18, 3:00 PM	9795.25	184.93
Dec 18, 4:00 PM	9644.81	181.73
Dec 18, 5:00 PM	9668.16	177.95
Dec 18, 6:00 PM	9350.12	175.29
Dec 18, 7:00 PM	9609.76	175.06
Dec 18, 8:00 PM	9698.30	169.35
Dec 18, 9:00 PM	9679.39	170.66
Dec 18, 10:00 PM	9672.75	173.63
Dec 18, 11:00 PM	9360.64	170.31
Dec 19, 12:00 AM	9641.99	169.87
Dec 19, 1:00 AM	9504.42	171.91
Dec 19, 2:00 AM	9556.88	174.97
Dec 19, 3:00 AM	9586.06	179.51
Dec 19, 4:00 AM	9328.67	182.00
Dec 19, 5:00 AM	9228.90	177.85
Dec 19, 6:00 AM	8897.10	179.08
Dec 19, 7:00 AM	8786.89	179.43
Dec 19, 8:00 AM	8505.78	179.71

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 19, 9:00 AM	8954.14	171.39
Dec 19, 10:00 AM	9415.23	160.62
Dec 19, 11:00 AM	8821.20	159.37
Dec 19, 12:00 PM	7947.30	166.32
Dec 19, 1:00 PM	8382.71	169.25
Dec 19, 2:00 PM	8382.75	169.17
Dec 19, 3:00 PM	8301.18	178.27
Dec 19, 4:00 PM	7944.95	183.12
Dec 19, 5:00 PM	8328.37	182.06
Dec 19, 6:00 PM	8134.56	183.22
Dec 19, 7:00 PM	9040.52	181.49
Dec 19, 8:00 PM	8520.48	175.30
Dec 19, 9:00 PM	8297.52	175.67
Dec 19, 10:00 PM	8344.23	173.25
Dec 19, 11:00 PM	8452.71	168.34
Dec 20, 12:00 AM	8444.17	170.09
Dec 20, 1:00 AM	8143.83	172.42
Dec 20, 2:00 AM	8287.39	175.01
Dec 20, 3:00 AM	8325.14	177.35
Dec 20, 4:00 AM	8357.38	179.30
Dec 20, 5:00 AM	8401.68	182.21
Dec 20, 6:00 AM	8484.40	183.40
Dec 20, 7:00 AM	8425.48	176.05
Dec 20, 8:00 AM	8370.86	175.64
Dec 20, 9:00 AM	8282.70	173.89
Dec 20, 10:00 AM	8217.27	171.99
Dec 20, 11:00 AM	8279.34	172.77
Dec 20, 12:00 PM	8435.23	169.60
Dec 20, 1:00 PM	8015.36	165.92
Dec 20, 2:00 PM	7888.53	169.39
Dec 20, 3:00 PM	8554.24	169.24
Dec 20, 4:00 PM	8530.78	168.29
Dec 20, 5:00 PM	8830.32	162.89
Dec 20, 6:00 PM	9123.79	164.32
Dec 20, 7:00 PM	9250.17	164.55
Dec 20, 8:00 PM	9451.11	165.92
Dec 20, 9:00 PM	9555.44	167.00
Dec 20, 10:00 PM	9735.80	161.89
Dec 20, 11:00 PM	9572.40	156.20
Dec 21, 12:00 AM	9620.23	158.56
Dec 21, 1:00 AM	9659.40	160.94
Dec 21, 2:00 AM	9649.83	161.85
Dec 21, 3:00 AM	9724.45	163.31

## O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 21, 4:00 AM	9608.33	162.39
Dec 21, 5:00 AM	9630.50	158.82
Dec 21, 6:00 AM	9689.39	156.31
Dec 21, 7:00 AM	9421.89	156.18
Dec 21, 8:00 AM	9623.31	154.85
Dec 21, 9:00 AM	9589.04	155.74
Dec 21, 10:00 AM	9527.04	158.02
Dec 21, 11:00 AM	9564.53	160.47
Dec 21, 12:00 PM	10024.38	162.73
Dec 21, 1:00 PM	9612.59	164.72
Dec 21, 2:00 PM	10179.29	165.95
Dec 21, 3:00 PM	10050.70	164.31
Dec 21, 4:00 PM	9708.97	157.46
Dec 21, 5:00 PM	9641.98	157.48
Dec 21, 6:00 PM	9095.27	157.41
Dec 21, 7:00 PM	9212.83	156.79
Dec 21, 8:00 PM	9306.45	153.61
Dec 21, 9:00 PM	9075.50	154.24
Dec 21, 10:00 PM	9382.29	157.10
Dec 21, 11:00 PM	9329.64	159.93
Dec 22, 12:00 AM	9059.98	161.97
Dec 22, 1:00 AM	9039.35	163.07
Dec 22, 2:00 AM	8769.65	164.11
Dec 22, 3:00 AM	8075.40	165.85
Dec 22, 4:00 AM	8477.87	163.95
Dec 22, 5:00 AM	9035.24	158.79
Dec 22, 6:00 AM	8877.97	162.55
Dec 22, 7:00 AM	8475.49	161.90
Dec 22, 8:00 AM	8770.07	158.78
Dec 22, 9:00 AM	9279.94	160.23
Dec 22, 10:00 AM	9104.19	158.88
Dec 22, 11:00 AM	8796.87	161.22
Dec 22, 12:00 PM	9103.40	162.21
Dec 22, 1:00 PM	9471.80	159.68
Dec 22, 2:00 PM	9097.32	154.42
Dec 22, 3:00 PM	9044.31	158.05
Dec 22, 4:00 PM	9046.80	159.00
Dec 22, 5:00 PM	9022.15	160.34
Dec 22, 6:00 PM	8968.07	160.41
Dec 22, 7:00 PM	8861.91	157.62
Dec 22, 8:00 PM	8865.10	150.52
Dec 22, 9:00 PM	8777.88	148.19
Dec 22, 10:00 PM	8805.39	149.21

## O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 22, 11:00 PM	8805.13	147.57
Dec 23, 12:00 AM	8883.83	142.32
Dec 23, 1:00 AM	8946.81	144.91
Dec 23, 2:00 AM	9009.98	148.02
Dec 23, 3:00 AM	9021.53	152.00
Dec 23, 4:00 AM	8970.32	152.76
Dec 23, 5:00 AM	8958.24	148.24
Dec 23, 6:00 AM	8991.18	151.16
Dec 23, 7:00 AM	9004.34	151.79
Dec 23, 8:00 AM	9022.19	149.33
Dec 23, 9:00 AM	8963.98	149.29
Dec 23, 10:00 AM	8907.56	150.99
Dec 23, 11:00 AM	8881.78	152.49
Dec 23, 12:00 PM	8989.20	154.76
Dec 23, 1:00 PM	8964.88	155.12
Dec 23, 2:00 PM	8912.16	155.63
Dec 23, 3:00 PM	8889.53	156.90
Dec 23, 4:00 PM	8833.12	155.82
Dec 23, 5:00 PM	8798.07	151.32
Dec 23, 6:00 PM	8749.09	150.42
Dec 23, 7:00 PM	8733.39	151.22
Dec 23, 8:00 PM	8763.83	149.10
Dec 23, 9:00 PM	8831.67	149.97
Dec 23, 10:00 PM	8727.28	150.92
Dec 23, 11:00 PM	8595.91	153.29
Dec 24, 12:00 AM	9358.36	153.39
Dec 24, 1:00 AM	8969.58	155.24
Dec 24, 2:00 AM	8800.47	157.43
Dec 24, 3:00 AM	8926.96	158.73
Dec 24, 4:00 AM	9629.64	154.18
Dec 24, 5:00 AM	9905.99	154.86
Dec 24, 6:00 AM	9378.72	154.27
Dec 24, 7:00 AM	9281.34	152.99
Dec 24, 8:00 AM	9449.22	145.79
Dec 24, 9:00 AM	9805.23	148.19
Dec 24, 10:00 AM	9757.79	149.23
Dec 24, 11:00 AM	9746.55	152.04
Dec 24, 12:00 PM	8952.36	153.31
Dec 24, 1:00 PM	9501.41	151.80
Dec 24, 2:00 PM	9388.07	152.86
Dec 24, 3:00 PM	9548.22	154.51
Dec 24, 4:00 PM	8339.10	153.71
Dec 24, 5:00 PM	8405.48	154.16



O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 24, 6:00 PM	8741.68	154.42
Dec 24, 7:00 PM	8512.92	149.10
Dec 24, 8:00 PM	8604.76	144.16
Dec 24, 9:00 PM	8427.64	143.63
Dec 24, 10:00 PM	8561.71	145.88
Dec 24, 11:00 PM	8529.11	142.25
Dec 25, 12:00 AM	8328.85	146.07
Dec 25, 1:00 AM	8959.45	140.52
Dec 25, 2:00 AM	8911.47	141.78
Dec 25, 3:00 AM	8929.71	144.23
Dec 25, 4:00 AM	8789.31	144.84
Dec 25, 5:00 AM	8872.99	143.92
Dec 25, 6:00 AM	9061.66	145.73
Dec 25, 7:00 AM	9194.83	145.38
Dec 25, 8:00 AM	9073.91	145.76
Dec 25, 9:00 AM	9209.06	147.84
Dec 25, 10:00 AM	8640.68	148.38
Dec 25, 11:00 AM	8923.21	148.21
Dec 25, 12:00 PM	9156.65	151.33
Dec 25, 1:00 PM	9202.18	151.07
Dec 25, 2:00 PM	9185.00	154.46
Dec 25, 3:00 PM	9186.52	153.78
Dec 25, 4:00 PM	9214.26	152.65
Dec 25, 5:00 PM	8840.41	151.29
Dec 25, 6:00 PM	9146.31	150.62
Dec 25, 7:00 PM	9206.18	149.27
Dec 25, 8:00 PM	9079.15	146.29
Dec 25, 9:00 PM	9078.06	148.31
Dec 25, 10:00 PM	9068.92	150.13
Dec 25, 11:00 PM	9130.99	151.11
Dec 26, 12:00 AM	9176.41	145.02
Dec 26, 1:00 AM	9142.78	147.38
Dec 26, 2:00 AM	9127.94	144.58
Dec 26, 3:00 AM	9118.67	146.98
Dec 26, 4:00 AM	9200.48	147.10
Dec 26, 5:00 AM	9232.57	144.81
Dec 26, 6:00 AM	9241.57	145.95
Dec 26, 7:00 AM	9235.74	145.09
Dec 26, 8:00 AM	9288.63	144.81
Dec 26, 9:00 AM	9261.97	146.19
Dec 26, 10:00 AM	9258.94	146.71
Dec 26, 11:00 AM	9283.09	148.26
Dec 26, 12:00 PM	9286.61	149.60

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 26, 1:00 PM	9278.68	149.62
Dec 26, 2:00 PM	9298.32	152.70
Dec 26, 3:00 PM	9357.52	153.90
Dec 26, 4:00 PM	9315.97	152.91
Dec 26, 5:00 PM	9295.63	151.30
Dec 26, 6:00 PM	9262.77	151.86
Dec 26, 7:00 PM	9255.47	153.43
Dec 26, 8:00 PM	9230.22	148.98
Dec 26, 9:00 PM	9218.79	148.01
Dec 26, 10:00 PM	9172.06	148.53
Dec 26, 11:00 PM	9229.36	149.68
Dec 27, 12:00 AM	9213.95	147.92
Dec 27, 1:00 AM	9190.50	147.63
Dec 27, 2:00 AM	9292.04	145.12
Dec 27, 3:00 AM	9194.48	146.26
Dec 27, 4:00 AM	9246.51	148.45
Dec 27, 5:00 AM	9257.44	151.11
Dec 27, 6:00 AM	9265.35	151.17
Dec 27, 7:00 AM	9288.10	148.43
Dec 27, 8:00 AM	9241.97	152.68
Dec 27, 9:00 AM	9185.45	153.11
Dec 27, 10:00 AM	9201.94	153.70
Dec 27, 11:00 AM	9250.97	151.70
Dec 27, 12:00 PM	9380.57	152.42
Dec 27, 1:00 PM	9274.07	153.42
Dec 27, 2:00 PM	9326.40	153.45
Dec 27, 3:00 PM	9385.21	154.53
Dec 27, 4:00 PM	9339.72	153.06
Dec 27, 5:00 PM	9367.40	148.24
Dec 27, 6:00 PM	9399.62	151.69
Dec 27, 7:00 PM	9429.83	151.87
Dec 27, 8:00 PM	9413.67	147.72
Dec 27, 9:00 PM	9154.33	147.84
Dec 27, 10:00 PM	9134.01	146.57
Dec 27, 11:00 PM	9263.52	146.38
Dec 28, 12:00 AM	9057.25	147.32
Dec 28, 1:00 AM	9187.49	150.28
Dec 28, 2:00 AM	9261.90	153.90
Dec 28, 3:00 AM	9062.77	156.51
Dec 28, 4:00 AM	9068.93	157.82
Dec 28, 5:00 AM	9135.92	154.10
Dec 28, 6:00 AM	9029.19	155.59
Dec 28, 7:00 AM	9051.76	155.01

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 28, 8:00 AM	9091.89	151.58
Dec 28, 9:00 AM	9035.85	153.62
Dec 28, 10:00 AM	9026.45	155.78
Dec 28, 11:00 AM	9002.87	158.70
Dec 28, 12:00 PM	9217.07	159.56
Dec 28, 1:00 PM	9429.54	153.96
Dec 28, 2:00 PM	10341.10	150.73
Dec 28, 3:00 PM	9880.05	150.63
Dec 28, 4:00 PM	9140.52	150.55
Dec 28, 5:00 PM	9155.61	148.75
Dec 28, 6:00 PM	9141.17	151.50
Dec 28, 7:00 PM	9142.02	151.60
Dec 28, 8:00 PM	9099.42	149.80
Dec 28, 9:00 PM	8974.89	148.17
Dec 28, 10:00 PM	8978.65	148.03
Dec 28, 11:00 PM	8983.14	145.80
Dec 29, 12:00 AM	8341.43	145.32
Dec 29, 1:00 AM	8899.02	146.21
Dec 29, 2:00 AM	8267.76	148.11
Dec 29, 3:00 AM	7765.23	151.17
Dec 29, 4:00 AM	8583.77	154.44
Dec 29, 5:00 AM	8591.69	157.41
Dec 29, 6:00 AM	8504.69	159.81
Dec 29, 7:00 AM	8744.61	158.94
Dec 29, 8:00 AM	8713.25	156.82
Dec 29, 9:00 AM	8811.30	158.25
Dec 29, 10:00 AM	8692.57	156.43
Dec 29, 11:00 AM	8574.37	157.48
Dec 29, 12:00 PM	8423.09	150.69
Dec 29, 1:00 PM	8342.51	147.93
Dec 29, 2:00 PM	8147.01	149.41
Dec 29, 3:00 PM	8386.80	149.45
Dec 29, 4:00 PM	8697.17	149.36
Dec 29, 5:00 PM	8607.58	147.26
Dec 29, 6:00 PM	8472.18	150.48
Dec 29, 7:00 PM	8673.32	152.84
Dec 29, 8:00 PM	8871.96	151.84
Dec 29, 9:00 PM	9113.27	150.91
Dec 29, 10:00 PM	9016.25	152.31
Dec 29, 11:00 PM	10180.60	152.63
Dec 30, 12:00 AM	10237.94	153.06
Dec 30, 1:00 AM	10078.02	153.79
Dec 30, 2:00 AM	9900.30	155.18

## O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 30, 3:00 AM	10015.82	153.81
Dec 30, 4:00 AM	10068.79	153.06
Dec 30, 5:00 AM	10018.00	154.36
Dec 30, 6:00 AM	9944.24	155.61
Dec 30, 7:00 AM	9975.28	152.92
Dec 30, 8:00 AM	9979.66	151.14
Dec 30, 9:00 AM	9996.79	150.92
Dec 30, 10:00 AM	10041.58	151.16
Dec 30, 11:00 AM	10021.72	152.52
Dec 30, 12:00 PM	10067.07	150.95
Dec 30, 1:00 PM	10781.65	151.56
Dec 30, 2:00 PM	11116.91	152.84
Dec 30, 3:00 PM	10990.64	152.41
Dec 30, 4:00 PM	10190.58	153.95
Dec 30, 5:00 PM	9770.42	150.31
Dec 30, 6:00 PM	9323.67	148.76
Dec 30, 7:00 PM	9123.67	150.70
Dec 30, 8:00 PM	9128.09	150.81
Dec 30, 9:00 PM	9053.39	154.17
Dec 30, 10:00 PM	9042.90	154.77
Dec 30, 11:00 PM	8848.44	155.13
Dec 31, 12:00 AM	8966.66	155.54
Dec 31, 1:00 AM	9547.04	154.24
Dec 31, 2:00 AM	9028.19	157.50
Dec 31, 3:00 AM	8357.29	161.06
Dec 31, 4:00 AM	8982.76	160.16
Dec 31, 5:00 AM	8853.21	161.16
Dec 31, 6:00 AM	8352.39	163.33
Dec 31, 7:00 AM	8571.63	165.14
Dec 31, 8:00 AM	8604.46	163.81
Dec 31, 9:00 AM	8652.25	156.83
Dec 31, 10:00 AM	8587.30	156.68
Dec 31, 11:00 AM	8561.52	157.24
Dec 31, 12:00 PM	8437.19	152.01
Dec 31, 1:00 PM	8408.88	151.55
Dec 31, 2:00 PM	8567.36	154.50
Dec 31, 3:00 PM	8795.02	156.40
Dec 31, 4:00 PM	8769.63	157.25
Dec 31, 5:00 PM	8724.39	154.63
Dec 31, 6:00 PM	8724.30	153.84
Dec 31, 7:00 PM	8985.79	151.70
Dec 31, 8:00 PM	9433.46	150.68
Dec 31, 9:00 PM	9514.18	151.27

O.Reg 88/22 s34: HCC Data from CMS

Date	Flue Gas Flow (sm3/hr)	SO2 @ 0% O2(ppm)
Dec 31, 10:00 PM	9681.94	150.07
Dec 31, 11:00 PM	9896.77	150.22

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 8, 1:00 PM	CMS commissioned		CMS commissioned	
Nov 8, 2:00 PM		39.67		30.23
Nov 8, 3:00 PM		39.10		29.95
Nov 8, 4:00 PM		38.84		29.71
Nov 8, 5:00 PM		38.11		28.68
Nov 8, 6:00 PM		36.84		28.45
Nov 8, 7:00 PM		37.78		28.62
Nov 8, 8:00 PM		37.51		28.52
Nov 8, 9:00 PM		37.32		28.74
Nov 8, 10:00 PM		37.53		28.77
Nov 8, 11:00 PM		37.09		28.50
Nov 9, 12:00 AM		36.61		28.55
Nov 9, 1:00 AM		36.58		28.05
Nov 9, 2:00 AM		36.49		28.01
Nov 9, 3:00 AM		36.51		28.32
Nov 9, 4:00 AM		37.29		28.56
Nov 9, 5:00 AM		37.05		28.34
Nov 9, 6:00 AM		36.11		28.06
Nov 9, 7:00 AM		36.18		27.54
Nov 9, 8:00 AM		36.85		28.37
Nov 9, 9:00 AM		34.63		26.87
Nov 9, 10:00 AM		34.84		26.59
Nov 9, 11:00 AM		36.07		27.46
Nov 9, 12:00 PM		35.30		27.27
Nov 9, 1:00 PM		34.60		26.20
Nov 9, 2:00 PM		34.50		26.27
Nov 9, 3:00 PM		34.33		26.62
Nov 9, 4:00 PM		34.80		26.65
Nov 9, 5:00 PM		34.74		26.52
Nov 9, 6:00 PM		34.37		26.71
Nov 9, 7:00 PM		34.89		26.58

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 9, 8:00 PM		35.54		27.28
Nov 9, 9:00 PM		34.37		26.67
Nov 9, 10:00 PM		34.13		26.05
Nov 9, 11:00 PM		34.40		26.26
Nov 10, 12:00 AM		34.52		26.78
Nov 10, 1:00 AM		34.94		26.50
Nov 10, 2:00 AM		34.39		26.18
Nov 10, 3:00 AM		33.96		26.31
Nov 10, 4:00 AM		33.98		25.92
Nov 10, 5:00 AM		34.18		25.99
Nov 10, 6:00 AM		33.77		26.20
Nov 10, 7:00 AM		34.87		26.41
Nov 10, 8:00 AM		35.08		26.73
Nov 10, 9:00 AM		33.61		26.36
Nov 10, 10:00 AM		35.01		26.82
Nov 10, 11:00 AM		35.68		27.10
Nov 10, 12:00 PM		34.55		26.42
Nov 10, 1:00 PM		35.58		26.99
Nov 10, 2:00 PM		34.83		26.56
Nov 10, 3:00 PM		35.23		27.24
Nov 10, 4:00 PM		36.15		27.62
Nov 10, 5:00 PM		36.42		27.92
Nov 10, 6:00 PM		36.02		28.06
Nov 10, 7:00 PM		36.83		28.16
Nov 10, 8:00 PM		36.45		27.95
Nov 10, 9:00 PM		35.26		27.26
Nov 10, 10:00 PM		36.10		27.29
Nov 10, 11:00 PM		35.25		26.69
Nov 11, 12:00 AM		35.05		26.89
Nov 11, 1:00 AM		34.65		26.10
Nov 11, 2:00 AM		34.58		26.15

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 11, 3:00 AM		34.83		26.54
Nov 11, 4:00 AM		35.13		26.42
Nov 11, 5:00 AM		34.54		25.97
Nov 11, 6:00 AM		34.36		26.31
Nov 11, 7:00 AM		35.07		26.27
Nov 11, 8:00 AM		34.20		25.80
Nov 11, 9:00 AM		33.82		25.89
Nov 11, 10:00 AM		34.18		25.78
Nov 11, 11:00 AM		34.54		26.13
Nov 11, 12:00 PM		32.63		25.10
Nov 11, 1:00 PM		32.81		24.66
Nov 11, 2:00 PM		32.93		24.93
Nov 11, 3:00 PM		33.12		24.86
Nov 11, 4:00 PM		33.97		24.91
Nov 11, 5:00 PM		33.74		24.83
Nov 11, 6:00 PM		33.53		25.07
Nov 11, 7:00 PM		32.94		24.07
Nov 11, 8:00 PM		33.07		24.40
Nov 11, 9:00 PM		33.06		24.50
Nov 11, 10:00 PM		33.99		24.65
Nov 11, 11:00 PM		34.96		25.53
Nov 12, 12:00 AM		34.02		25.35
Nov 12, 1:00 AM		34.13		24.96
Nov 12, 2:00 AM		34.12		25.23
Nov 12, 3:00 AM		33.62		25.29
Nov 12, 4:00 AM		34.42		25.41
Nov 12, 5:00 AM		34.24		25.30
Nov 12, 6:00 AM		33.99		25.69
Nov 12, 7:00 AM		34.01		25.30
Nov 12, 8:00 AM		32.88		24.92
Nov 12, 9:00 AM		32.93		25.38



## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 12, 10:00 AM		33.35		25.27
Nov 12, 11:00 AM		33.62		25.57
Nov 12, 12:00 PM		34.63		26.71
Nov 12, 1:00 PM		34.97		26.37
Nov 12, 2:00 PM		34.47		26.21
Nov 12, 3:00 PM		34.36		26.68
Nov 12, 4:00 PM		35.94		27.50
Nov 12, 5:00 PM		35.30		27.06
Nov 12, 6:00 PM		35.82		27.82
Nov 12, 7:00 PM		36.00		27.33
Nov 12, 8:00 PM		35.55		27.15
Nov 12, 9:00 PM		35.22		27.27
Nov 12, 10:00 PM		35.83		27.31
Nov 12, 11:00 PM		36.25		27.64
Nov 13, 12:00 AM		34.66		26.75
Nov 13, 1:00 AM		35.43		26.75
Nov 13, 2:00 AM		35.58		26.91
Nov 13, 3:00 AM		35.36		27.12
Nov 13, 4:00 AM		36.54		27.51
Nov 13, 5:00 AM		36.03		27.19
Nov 13, 6:00 AM		35.30		27.07
Nov 13, 7:00 AM		35.66		26.70
Nov 13, 8:00 AM		36.39		27.37
Nov 13, 9:00 AM		35.78		27.29
Nov 13, 10:00 AM		36.25		27.08
Nov 13, 11:00 AM		37.46		28.09
Nov 13, 12:00 PM		36.31		27.57
Nov 13, 1:00 PM		36.44		27.16
Nov 13, 2:00 PM		36.03		27.21
Nov 13, 3:00 PM		35.45		27.14
Nov 13, 4:00 PM		36.40		27.40

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 13, 5:00 PM		36.37		27.45
Nov 13, 6:00 PM		35.65		27.36
Nov 13, 7:00 PM		36.38		27.48
Nov 13, 8:00 PM		35.55		27.84
Nov 13, 9:00 PM		38.75		32.11
Nov 13, 10:00 PM		44.12		37.29
Nov 13, 11:00 PM		37.06		29.05
Nov 14, 12:00 AM		36.76		29.14
Nov 14, 1:00 AM		38.57		29.96
Nov 14, 2:00 AM		39.71		31.16
Nov 14, 3:00 AM		40.42		32.13
Nov 14, 4:00 AM		40.84		31.93
Nov 14, 5:00 AM		40.72		32.00
Nov 14, 6:00 AM		40.54		32.58
Nov 14, 7:00 AM		41.99		33.03
Nov 14, 8:00 AM		41.14		32.26
Nov 14, 9:00 AM		40.41		32.06
Nov 14, 10:00 AM		41.22		32.09
Nov 14, 11:00 AM		41.04		32.03
Nov 14, 12:00 PM		40.20		31.79
Nov 14, 1:00 PM		40.51		31.41
Nov 14, 2:00 PM		40.28		31.48
Nov 14, 3:00 PM		39.83		31.52
Nov 14, 4:00 PM		40.99		31.85
Nov 14, 5:00 PM		40.41		31.46
Nov 14, 6:00 PM		39.91		31.46
Nov 14, 7:00 PM		41.20		31.90
Nov 14, 8:00 PM		41.32		32.30
Nov 14, 9:00 PM		40.14		31.87
Nov 14, 10:00 PM		40.61		31.70
Nov 14, 11:00 PM		40.73		31.99

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 15, 12:00 AM		42.33		34.00
Nov 15, 1:00 AM		41.00		31.94
Nov 15, 2:00 AM		40.41		31.55
Nov 15, 3:00 AM		39.92		31.43
Nov 15, 4:00 AM		40.77		31.57
Nov 15, 5:00 AM		41.07		31.84
Nov 15, 6:00 AM		41.26		32.38
Nov 15, 7:00 AM		41.11		31.65
Nov 15, 8:00 AM		40.72		31.64
Nov 15, 9:00 AM		40.37		31.70
Nov 15, 10:00 AM		41.05		31.70
Nov 15, 11:00 AM		41.17		31.81
Nov 15, 12:00 PM		40.24		31.37
Nov 15, 1:00 PM		40.55		30.98
Nov 15, 2:00 PM		40.38		31.11
Nov 15, 3:00 PM		40.13		31.40
Nov 15, 4:00 PM		40.78		31.50
Nov 15, 5:00 PM		40.79		31.64
Nov 15, 6:00 PM		39.41		31.01
Nov 15, 7:00 PM		39.15		30.19
Nov 15, 8:00 PM		38.20		29.66
Nov 15, 9:00 PM		37.73		29.61
Nov 15, 10:00 PM		38.30		29.45
Nov 15, 11:00 PM		38.96		30.01
Nov 16, 12:00 AM		38.23		29.77
Nov 16, 1:00 AM		38.28		29.22
Nov 16, 2:00 AM		38.15		29.43
Nov 16, 3:00 AM		37.67		29.47
Nov 16, 4:00 AM		38.89		29.58
Nov 16, 5:00 AM		38.09		29.16
Nov 16, 6:00 AM		37.15		28.96

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 16, 7:00 AM		38.13		29.06
Nov 16, 8:00 AM		38.01		29.26
Nov 16, 9:00 AM		37.12		28.91
Nov 16, 10:00 AM		37.62		28.78
Nov 16, 11:00 AM		37.89		29.12
Nov 16, 12:00 PM		37.67		29.45
Nov 16, 1:00 PM		38.02		29.25
Nov 16, 2:00 PM		38.39		29.83
Nov 16, 3:00 PM		37.32		29.39
Nov 16, 4:00 PM		37.87		29.48
Nov 16, 5:00 PM		37.08		29.45
Nov 16, 6:00 PM		36.31		29.32
Nov 16, 7:00 PM		37.17		29.44
Nov 16, 8:00 PM		37.77		30.13
Nov 16, 9:00 PM		37.65		30.48
Nov 16, 10:00 PM		38.65		30.71
Nov 16, 11:00 PM		39.43		31.42
Nov 17, 12:00 AM		38.63		31.24
Nov 17, 1:00 AM		39.01		30.96
Nov 17, 2:00 AM		39.00		31.26
Nov 17, 3:00 AM		38.83		31.42
Nov 17, 4:00 AM		39.90		31.65
Nov 17, 5:00 AM		39.14		31.15
Nov 17, 6:00 AM		38.97		31.47
Nov 17, 7:00 AM		39.25		31.08
Nov 17, 8:00 AM		38.67		30.95
Nov 17, 9:00 AM		38.08		30.82
Nov 17, 10:00 AM		38.80		30.76
Nov 17, 11:00 AM		38.55		30.60
Nov 17, 12:00 PM		37.23		30.00
Nov 17, 1:00 PM		37.33		29.48

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 17, 2:00 PM		37.30		29.75
Nov 17, 3:00 PM		37.12		29.96
Nov 17, 4:00 PM		38.34		30.35
Nov 17, 5:00 PM		38.46		30.50
Nov 17, 6:00 PM		37.49		30.19
Nov 17, 7:00 PM		37.86		29.89
Nov 17, 8:00 PM		37.58		29.89
Nov 17, 9:00 PM		37.28		29.99
Nov 17, 10:00 PM		37.53		29.67
Nov 17, 11:00 PM		37.40		29.65
Nov 18, 12:00 AM		37.62		30.40
Nov 18, 1:00 AM		37.76		29.89
Nov 18, 2:00 AM		37.26		29.57
Nov 18, 3:00 AM		36.86		29.45
Nov 18, 4:00 AM		37.33		29.29
Nov 18, 5:00 AM		37.69		29.69
Nov 18, 6:00 AM		76.39		72.93
Nov 18, 7:00 AM		135.17		137.60
Nov 18, 8:00 AM		43.28		36.00
Nov 18, 9:00 AM		37.15		29.68
Nov 18, 10:00 AM		37.49		29.20
Nov 18, 11:00 AM		37.69		29.37
Nov 18, 12:00 PM		37.15		29.47
Nov 18, 1:00 PM		36.87		28.88
Nov 18, 2:00 PM		38.00		31.02
Nov 18, 3:00 PM		66.31		62.64
Nov 18, 4:00 PM		40.36		33.33
Nov 18, 5:00 PM		36.88		29.57
Nov 18, 6:00 PM		36.63		29.71
Nov 18, 7:00 PM		37.62		29.80
Nov 18, 8:00 PM		36.69		29.01

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 18, 9:00 PM		35.41		27.84
Nov 18, 10:00 PM		36.55		28.06
Nov 18, 11:00 PM		37.77		29.02
Nov 19, 12:00 AM		35.94		27.89
Nov 19, 1:00 AM		35.60		26.92
Nov 19, 2:00 AM		35.44		28.19
Nov 19, 3:00 AM		35.27		28.40
Nov 19, 4:00 AM		36.20		28.61
Nov 19, 5:00 AM		36.42		28.87
Nov 19, 6:00 AM		36.53		29.33
Nov 19, 7:00 AM		37.19		28.99
Nov 19, 8:00 AM		37.69		29.82
Nov 19, 9:00 AM		37.85		30.49
Nov 19, 10:00 AM		37.48		29.45
Nov 19, 11:00 AM		37.53		29.51
Nov 19, 12:00 PM		36.12		28.76
Nov 19, 1:00 PM		36.35		28.19
Nov 19, 2:00 PM		36.14		28.25
Nov 19, 3:00 PM		35.83		28.40
Nov 19, 4:00 PM		35.94		27.97
Nov 19, 5:00 PM		36.01		28.07
Nov 19, 6:00 PM		35.97		28.42
Nov 19, 7:00 PM		36.93		28.63
Nov 19, 8:00 PM		36.53		28.58
Nov 19, 9:00 PM		36.40		28.83
Nov 19, 10:00 PM		38.92		30.84
Nov 19, 11:00 PM		38.55		30.53
Nov 20, 12:00 AM		38.01		30.18
Nov 20, 1:00 AM		38.49		29.99
Nov 20, 2:00 AM		38.06		29.92
Nov 20, 3:00 AM		37.49		29.80

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 20, 4:00 AM		37.70		29.50
Nov 20, 5:00 AM		37.48		29.43
Nov 20, 6:00 AM		37.37		29.71
Nov 20, 7:00 AM		37.43		29.17
Nov 20, 8:00 AM		36.95		28.99
Nov 20, 9:00 AM		37.29		29.56
Nov 20, 10:00 AM		37.05		28.95
Nov 20, 11:00 AM		36.74		28.84
Nov 20, 12:00 PM		36.38		28.98
Nov 20, 1:00 PM		36.62		28.56
Nov 20, 2:00 PM		36.99		28.74
Nov 20, 3:00 PM		36.31		28.42
Nov 20, 4:00 PM		36.73		28.53
Nov 20, 5:00 PM		37.13		28.73
Nov 20, 6:00 PM		36.31		28.61
Nov 20, 7:00 PM		37.43		28.64
Nov 20, 8:00 PM		37.11		28.99
Nov 20, 9:00 PM		35.57		28.61
Nov 20, 10:00 PM		36.03		28.36
Nov 20, 11:00 PM		35.79		28.26
Nov 21, 12:00 AM		35.52		28.55
Nov 21, 1:00 AM		36.72		28.87
Nov 21, 2:00 AM		36.78		29.27
Nov 21, 3:00 AM		36.04		29.06
Nov 21, 4:00 AM		36.27		28.66
Nov 21, 5:00 AM		36.04		28.59
Nov 21, 6:00 AM		35.71		28.77
Nov 21, 7:00 AM		36.01		28.33
Nov 21, 8:00 AM		35.57		28.22
Nov 21, 9:00 AM		35.49		28.67
Nov 21, 10:00 AM		35.83		28.23

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 21, 11:00 AM		35.63		28.22
Nov 21, 12:00 PM		35.08		28.19
Nov 21, 1:00 PM		35.70		27.98
Nov 21, 2:00 PM		35.87		28.39
Nov 21, 3:00 PM		35.56		28.54
Nov 21, 4:00 PM		36.18		28.57
Nov 21, 5:00 PM		35.74		28.32
Nov 21, 6:00 PM		35.20		28.27
Nov 21, 7:00 PM		35.86		28.02
Nov 21, 8:00 PM		36.19		28.44
Nov 21, 9:00 PM		35.56		28.41
Nov 21, 10:00 PM		36.12		28.16
Nov 21, 11:00 PM		36.54		28.28
Nov 22, 12:00 AM		35.83		28.10
Nov 22, 1:00 AM		36.31		27.86
Nov 22, 2:00 AM		36.34		27.93
Nov 22, 3:00 AM		35.77		27.96
Nov 22, 4:00 AM		36.24		27.75
Nov 22, 5:00 AM		36.37		27.97
Nov 22, 6:00 AM		35.85		28.02
Nov 22, 7:00 AM		36.39		27.79
Nov 22, 8:00 AM		36.58		28.21
Nov 22, 9:00 AM		35.63		28.16
Nov 22, 10:00 AM		35.81		27.28
Nov 22, 11:00 AM		36.02		27.66
Nov 22, 12:00 PM		36.08		28.57
Nov 22, 1:00 PM		36.41		28.14
Nov 22, 2:00 PM		35.95		28.29
Nov 22, 3:00 PM		35.14		28.07
Nov 22, 4:00 PM		35.08		27.33
Nov 22, 5:00 PM		35.12		27.44



O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 22, 6:00 PM		35.13		27.85
Nov 22, 7:00 PM		36.00		27.88
Nov 22, 8:00 PM		36.16		28.29
Nov 22, 9:00 PM		35.77		28.36
Nov 22, 10:00 PM		36.04		28.57
Nov 22, 11:00 PM		35.20		28.31
Nov 23, 12:00 AM		35.01		28.54
Nov 23, 1:00 AM		36.23		28.77
Nov 23, 2:00 AM		36.58		29.37
Nov 23, 3:00 AM		36.30		29.52
Nov 23, 4:00 AM		36.58		29.18
Nov 23, 5:00 AM		36.55		29.26
Nov 23, 6:00 AM		35.87		29.19
Nov 23, 7:00 AM		36.59		29.13
Nov 23, 8:00 AM		36.71		29.65
Nov 23, 9:00 AM		36.08		29.43
Nov 23, 10:00 AM		36.20		28.81
Nov 23, 11:00 AM		39.67		32.65
Nov 23, 12:00 PM		35.98		29.17
Nov 23, 1:00 PM		36.27		28.79
Nov 23, 2:00 PM		35.99		28.81
Nov 23, 3:00 PM		35.51		28.79
Nov 23, 4:00 PM		36.19		28.74
Nov 23, 5:00 PM		35.88		28.73
Nov 23, 6:00 PM		35.00		28.58
Nov 23, 7:00 PM		35.72		28.52
Nov 23, 8:00 PM		35.33		28.54
Nov 23, 9:00 PM		34.90		28.58
Nov 23, 10:00 PM		35.25		28.19
Nov 23, 11:00 PM		35.18		28.31
Nov 24, 12:00 AM		34.49		28.11

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 24, 1:00 AM		35.09		27.98
Nov 24, 2:00 AM		35.21		28.36
Nov 24, 3:00 AM		35.27		28.75
Nov 24, 4:00 AM		35.80		28.57
Nov 24, 5:00 AM		35.46		28.49
Nov 24, 6:00 AM		35.15		28.62
Nov 24, 7:00 AM		36.03		28.70
Nov 24, 8:00 AM		35.62		28.71
Nov 24, 9:00 AM		34.38		28.29
Nov 24, 10:00 AM		34.74		28.25
Nov 24, 11:00 AM		34.85		28.42
Nov 24, 12:00 PM		35.00		28.89
Nov 24, 1:00 PM		35.14		28.30
Nov 24, 2:00 PM		34.71		28.25
Nov 24, 3:00 PM		34.40		28.35
Nov 24, 4:00 PM		35.07		28.29
Nov 24, 5:00 PM		34.85		28.34
Nov 24, 6:00 PM		34.64		28.70
Nov 24, 7:00 PM		35.09		28.53
Nov 24, 8:00 PM		34.95		28.85
Nov 24, 9:00 PM		34.38		28.80
Nov 24, 10:00 PM		35.21		28.89
Nov 24, 11:00 PM		35.57		29.42
Nov 25, 12:00 AM		35.64		29.99
Nov 25, 1:00 AM		35.66		29.09
Nov 25, 2:00 AM		35.22		29.04
Nov 25, 3:00 AM		35.20		29.64
Nov 25, 4:00 AM		35.28		28.93
Nov 25, 5:00 AM		34.95		28.73
Nov 25, 6:00 AM		34.29		28.48
Nov 25, 7:00 AM		34.97		28.37

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 25, 8:00 AM		34.21		28.00
Nov 25, 9:00 AM		34.13		28.44
Nov 25, 10:00 AM		34.18		27.82
Nov 25, 11:00 AM		34.22		28.00
Nov 25, 12:00 PM		33.98		28.18
Nov 25, 1:00 PM		35.10		28.38
Nov 25, 2:00 PM		35.61		29.06
Nov 25, 3:00 PM		35.23		29.17
Nov 25, 4:00 PM		35.31		28.88
Nov 25, 5:00 PM		41.12		35.51
Nov 25, 6:00 PM		36.24		30.79
Nov 25, 7:00 PM		34.39		27.98
Nov 25, 8:00 PM		34.54		28.27
Nov 25, 9:00 PM		34.38		28.50
Nov 25, 10:00 PM		34.98		28.42
Nov 25, 11:00 PM		35.46		28.43
Nov 26, 12:00 AM		35.75		28.67
Nov 26, 1:00 AM		36.24		28.71
Nov 26, 2:00 AM		36.39		28.92
Nov 26, 3:00 AM		35.88		28.88
Nov 26, 4:00 AM		36.24		28.52
Nov 26, 5:00 AM		35.81		28.36
Nov 26, 6:00 AM		35.59		28.66
Nov 26, 7:00 AM		35.70		27.98
Nov 26, 8:00 AM		35.09		27.76
Nov 26, 9:00 AM		34.57		27.68
Nov 26, 10:00 AM		35.36		27.72
Nov 26, 11:00 AM		35.60		28.10
Nov 26, 12:00 PM		35.36		28.24
Nov 26, 1:00 PM		35.75		27.87
Nov 26, 2:00 PM		35.43		27.97

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 26, 3:00 PM		35.02		28.32
Nov 26, 4:00 PM		35.43		28.25
Nov 26, 5:00 PM		35.55		28.53
Nov 26, 6:00 PM		35.11		28.63
Nov 26, 7:00 PM		35.81		28.26
Nov 26, 8:00 PM		35.92		28.72
Nov 26, 9:00 PM		35.74		28.69
Nov 26, 10:00 PM		36.27		28.49
Nov 26, 11:00 PM		36.26		28.71
Nov 27, 12:00 AM		35.40		28.54
Nov 27, 1:00 AM		35.75		27.97
Nov 27, 2:00 AM		35.48		28.13
Nov 27, 3:00 AM		34.95		28.27
Nov 27, 4:00 AM		35.65		28.08
Nov 27, 5:00 AM		35.72		28.38
Nov 27, 6:00 AM		35.19		28.55
Nov 27, 7:00 AM		36.52		28.91
Nov 27, 8:00 AM		36.31		29.04
Nov 27, 9:00 AM		35.17		28.66
Nov 27, 10:00 AM		35.35		28.26
Nov 27, 11:00 AM		35.57		28.62
Nov 27, 12:00 PM		34.57		28.40
Nov 27, 1:00 PM		34.74		27.94
Nov 27, 2:00 PM		34.69		28.33
Nov 27, 3:00 PM		34.45		28.65
Nov 27, 4:00 PM		38.60		32.12
Nov 27, 5:00 PM		35.81		29.38
Nov 27, 6:00 PM		34.54		28.70
Nov 27, 7:00 PM		35.39		28.70
Nov 27, 8:00 PM		34.91		28.60
Nov 27, 9:00 PM		34.17		28.39

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 27, 10:00 PM		34.12		27.60
Nov 27, 11:00 PM		33.82		27.51
Nov 28, 12:00 AM		33.68		27.81
Nov 28, 1:00 AM		34.12		27.48
Nov 28, 2:00 AM		33.97		27.72
Nov 28, 3:00 AM		33.43		27.67
Nov 28, 4:00 AM		34.57		27.97
Nov 28, 5:00 AM		34.32		27.92
Nov 28, 6:00 AM		33.68		27.93
Nov 28, 7:00 AM		34.37		27.68
Nov 28, 8:00 AM		34.16		27.79
Nov 28, 9:00 AM		33.56		27.60
Nov 28, 10:00 AM		34.04		27.26
Nov 28, 11:00 AM		34.07		27.48
Nov 28, 12:00 PM		33.52		27.16
Nov 28, 1:00 PM		33.84		26.20
Nov 28, 2:00 PM		33.98		26.86
Nov 28, 3:00 PM		33.51		27.01
Nov 28, 4:00 PM		34.15		26.75
Nov 28, 5:00 PM		34.28		27.16
Nov 28, 6:00 PM		33.87		27.37
Nov 28, 7:00 PM		34.51		27.14
Nov 28, 8:00 PM		34.76		27.84
Nov 28, 9:00 PM		34.44		27.89
Nov 28, 10:00 PM		35.22		27.50
Nov 28, 11:00 PM		35.37		27.94
Nov 29, 12:00 AM		34.99		28.20
Nov 29, 1:00 AM		35.13		27.53
Nov 29, 2:00 AM		35.02		27.84
Nov 29, 3:00 AM		34.44		27.87
Nov 29, 4:00 AM		35.06		27.45

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 29, 5:00 AM		35.21		27.84
Nov 29, 6:00 AM		34.69		27.88
Nov 29, 7:00 AM		35.34		27.66
Nov 29, 8:00 AM		35.06		27.74
Nov 29, 9:00 AM		34.37		27.72
Nov 29, 10:00 AM		35.05		27.20
Nov 29, 11:00 AM		35.08		27.73
Nov 29, 12:00 PM		34.64		27.82
Nov 29, 1:00 PM		35.24		27.18
Nov 29, 2:00 PM		35.18		27.51
Nov 29, 3:00 PM		34.41	31831.31	27.36
Nov 29, 4:00 PM		34.75	31729.77	26.96
Nov 29, 5:00 PM		34.69	32036.10	27.23
Nov 29, 6:00 PM		34.27	32007.59	27.49
Nov 29, 7:00 PM		35.20	31897.29	27.14
Nov 29, 8:00 PM		35.03	31695.75	27.26
Nov 29, 9:00 PM		34.23	31782.90	27.06
Nov 29, 10:00 PM		34.82	31758.32	26.59
Nov 29, 11:00 PM		35.01	32128.00	27.05
Nov 30, 12:00 AM		33.97	31779.41	26.89
Nov 30, 1:00 AM		34.65	32175.42	26.59
Nov 30, 2:00 AM		34.81	32102.41	27.21
Nov 30, 3:00 AM		34.27	32195.38	27.51
Nov 30, 4:00 AM		35.03	31055.28	27.17
Nov 30, 5:00 AM		35.24	31202.08	27.74
Nov 30, 6:00 AM		35.12	31680.25	28.11
Nov 30, 7:00 AM		35.24	31796.35	26.62
Nov 30, 8:00 AM		35.20	31633.62	27.04
Nov 30, 9:00 AM		34.52	32350.24	27.07
Nov 30, 10:00 AM		34.93	31483.25	26.55
Nov 30, 11:00 AM		34.85	31661.19	26.95

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Nov 30, 12:00 PM		33.81	32069.71	26.77
Nov 30, 1:00 PM		34.96	31924.22	26.73
Nov 30, 2:00 PM		34.67	31875.56	26.65
Nov 30, 3:00 PM		34.81	33366.79	27.41
Nov 30, 4:00 PM		35.87	32322.61	27.39
Nov 30, 5:00 PM		35.66	31978.85	27.62
Nov 30, 6:00 PM		34.66	31664.07	27.48
Nov 30, 7:00 PM		45.62	31707.35	38.22
Nov 30, 8:00 PM		42.32	31946.99	35.10
Nov 30, 9:00 PM		36.34	32181.13	29.23
Nov 30, 10:00 PM		36.76	31706.41	28.35
Nov 30, 11:00 PM		34.55	31368.74	26.42
Dec 1, 12:00 AM		33.54	31598.21	26.39
Dec 1, 1:00 AM		34.29	31580.48	25.99
Dec 1, 2:00 AM		34.33	31897.58	26.34
Dec 1, 3:00 AM		33.57	31364.00	26.37
Dec 1, 4:00 AM		34.58	31525.38	26.19
Dec 1, 5:00 AM		34.48	31439.22	26.33
Dec 1, 6:00 AM		34.00	31580.31	26.50
Dec 1, 7:00 AM		34.53	31456.36	26.03
Dec 1, 8:00 AM		34.29	31757.07	26.31
Dec 1, 9:00 AM		33.81	31404.30	26.51
Dec 1, 10:00 AM		34.56	30633.33	26.23
Dec 1, 11:00 AM		35.01	31470.86	27.00
Dec 1, 12:00 PM		34.13	31782.14	26.98
Dec 1, 1:00 PM		34.38	31312.52	26.34
Dec 1, 2:00 PM		34.37	31530.46	26.62
Dec 1, 3:00 PM		33.71	31363.05	26.58
Dec 1, 4:00 PM		34.53	31479.85	26.43
Dec 1, 5:00 PM		34.03	32457.87	26.29
Dec 1, 6:00 PM		33.53	33335.01	26.46

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 1, 7:00 PM		34.21	31232.80	26.21
Dec 1, 8:00 PM		33.74	31186.05	26.28
Dec 1, 9:00 PM		33.27	31137.07	26.43
Dec 1, 10:00 PM		33.76	31725.02	25.88
Dec 1, 11:00 PM		33.71	31635.31	26.20
Dec 2, 12:00 AM		33.43	31870.68	26.47
Dec 2, 1:00 AM		34.08	31726.79	26.07
Dec 2, 2:00 AM		34.33	31249.12	26.79
Dec 2, 3:00 AM		34.00	32102.22	26.97
Dec 2, 4:00 AM		34.58	31618.07	26.60
Dec 2, 5:00 AM		34.25	31758.22	26.71
Dec 2, 6:00 AM		33.52	31812.20	26.74
Dec 2, 7:00 AM		33.98	32044.64	26.12
Dec 2, 8:00 AM		34.18	31183.50	26.61
Dec 2, 9:00 AM		34.68	31874.21	27.76
Dec 2, 10:00 AM		35.80	31778.44	27.90
Dec 2, 11:00 AM		35.18	31506.98	27.87
Dec 2, 12:00 PM		34.11	31331.60	27.54
Dec 2, 1:00 PM		34.69	30818.63	27.19
Dec 2, 2:00 PM		34.45	31204.23	27.56
Dec 2, 3:00 PM		33.73	31493.52	27.31
Dec 2, 4:00 PM		33.71	31392.96	26.64
Dec 2, 5:00 PM		33.42	31657.79	26.68
Dec 2, 6:00 PM		32.88	31438.65	26.75
Dec 2, 7:00 PM		33.88	31645.86	26.68
Dec 2, 8:00 PM		34.44	31500.43	27.38
Dec 2, 9:00 PM		33.41	31780.10	26.94
Dec 2, 10:00 PM		33.79	31446.13	26.35
Dec 2, 11:00 PM		33.74	31761.71	26.61
Dec 3, 12:00 AM		32.96	31837.09	26.49
Dec 3, 1:00 AM		33.59	31806.14	26.16



## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 3, 2:00 AM		33.51	31402.40	26.40
Dec 3, 3:00 AM		33.20	31815.49	26.52
Dec 3, 4:00 AM		33.74	32135.51	25.93
Dec 3, 5:00 AM		33.55	31589.92	26.02
Dec 3, 6:00 AM		32.83	31818.78	26.09
Dec 3, 7:00 AM		33.71	32280.34	25.22
Dec 3, 8:00 AM		33.25	31700.63	25.07
Dec 3, 9:00 AM		32.61	31607.38	25.22
Dec 3, 10:00 AM		33.25	31499.29	25.04
Dec 3, 11:00 AM		33.32	31314.41	25.59
Dec 3, 12:00 PM		33.35	31460.63	26.09
Dec 3, 1:00 PM		33.47	31505.18	25.47
Dec 3, 2:00 PM		33.50	31454.53	26.08
Dec 3, 3:00 PM		32.94	31420.99	26.09
Dec 3, 4:00 PM		33.55	31565.45	25.84
Dec 3, 5:00 PM		33.21	31479.65	25.88
Dec 3, 6:00 PM		32.44	31242.53	25.77
Dec 3, 7:00 PM		33.20	31277.83	25.68
Dec 3, 8:00 PM		33.20	31394.05	26.03
Dec 3, 9:00 PM		32.45	29776.49	25.74
Dec 3, 10:00 PM		32.84	31716.97	25.40
Dec 3, 11:00 PM		33.07	31371.04	25.88
Dec 4, 12:00 AM		32.18	31668.70	25.67
Dec 4, 1:00 AM		32.51	32038.90	25.07
Dec 4, 2:00 AM		32.38	32083.45	25.24
Dec 4, 3:00 AM		31.94	31436.97	25.32
Dec 4, 4:00 AM		32.76	31772.74	25.12
Dec 4, 5:00 AM		32.68	31723.08	25.26
Dec 4, 6:00 AM		31.98	31890.04	25.27
Dec 4, 7:00 AM		32.40	32151.71	24.66
Dec 4, 8:00 AM		31.64	31724.29	24.60

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 4, 9:00 AM		31.39	31705.47	24.95
Dec 4, 10:00 AM		31.69	33530.65	24.51
Dec 4, 11:00 AM		31.79	31290.93	24.76
Dec 4, 12:00 PM		31.07	31765.65	24.68
Dec 4, 1:00 PM		30.10	31338.44	23.39
Dec 4, 2:00 PM		29.17	31044.01	23.04
Dec 4, 3:00 PM		28.37	30937.12	22.78
Dec 4, 4:00 PM		29.65	31159.71	22.92
Dec 4, 5:00 PM		30.31	31068.45	23.68
Dec 4, 6:00 PM		29.76	31203.09	23.87
Dec 4, 7:00 PM		31.09	31121.42	24.04
Dec 4, 8:00 PM		30.91	30457.71	24.01
Dec 4, 9:00 PM		30.35	30338.78	23.97
Dec 4, 10:00 PM		30.87	30492.69	23.68
Dec 4, 11:00 PM		31.01	30398.39	24.12
Dec 5, 12:00 AM		30.98	30879.00	24.17
Dec 5, 1:00 AM		31.44	31266.25	23.91
Dec 5, 2:00 AM		31.77	31545.21	24.26
Dec 5, 3:00 AM		31.36	31462.83	24.16
Dec 5, 4:00 AM		32.36	32084.60	23.78
Dec 5, 5:00 AM		32.13	32041.48	24.03
Dec 5, 6:00 AM		31.41	31772.43	23.86
Dec 5, 7:00 AM		31.29	31427.79	22.48
Dec 5, 8:00 AM		30.99	31957.45	22.62
Dec 5, 9:00 AM		30.21	31814.14	22.41
Dec 5, 10:00 AM		31.09	31929.84	22.04
Dec 5, 11:00 AM		31.72	31343.93	22.99
Dec 5, 12:00 PM		31.46	29859.41	23.35
Dec 5, 1:00 PM		32.50	29447.13	23.32
Dec 5, 2:00 PM		32.31	29962.18	23.77
Dec 5, 3:00 PM		31.73	28556.08	23.80

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 5, 4:00 PM		32.43	29866.74	23.42
Dec 5, 5:00 PM		31.57	29895.79	23.20
Dec 5, 6:00 PM		30.65	29744.59	23.00
Dec 5, 7:00 PM		31.06	30108.83	22.37
Dec 5, 8:00 PM		31.31	30314.04	22.89
Dec 5, 9:00 PM		31.15	30124.16	23.14
Dec 5, 10:00 PM		31.88	29913.53	22.76
Dec 5, 11:00 PM		32.38	30026.37	23.35
Dec 6, 12:00 AM		31.87	30249.86	23.26
Dec 6, 1:00 AM		32.49	30226.26	22.57
Dec 6, 2:00 AM		32.62	30174.00	23.15
Dec 6, 3:00 AM		32.03	30194.59	23.09
Dec 6, 4:00 AM		33.07	30712.69	22.79
Dec 6, 5:00 AM		32.85	30338.43	23.02
Dec 6, 6:00 AM		31.64	30633.04	22.90
Dec 6, 7:00 AM		32.90	30671.67	23.01
Dec 6, 8:00 AM		33.05	30766.65	23.54
Dec 6, 9:00 AM		32.44	31022.62	23.80
Dec 6, 10:00 AM		33.75	30865.29	24.03
Dec 6, 11:00 AM		34.16	31538.17	25.81
Dec 6, 12:00 PM		33.08	31539.96	25.93
Dec 6, 1:00 PM		33.09	31167.54	24.97
Dec 6, 2:00 PM		32.93	31453.33	25.31
Dec 6, 3:00 PM		31.91	31108.42	25.18
Dec 6, 4:00 PM		32.26	31085.10	24.76
Dec 6, 5:00 PM		31.50	30956.02	24.53
Dec 6, 6:00 PM		30.88	31412.15	24.59
Dec 6, 7:00 PM		31.84	31294.68	24.61
Dec 6, 8:00 PM		32.23	31042.59	25.11
Dec 6, 9:00 PM		32.01	31369.53	25.38
Dec 6, 10:00 PM		32.88	31274.19	25.32

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 6, 11:00 PM		33.13	31358.85	25.78
Dec 7, 12:00 AM		32.71	31611.72	25.91
Dec 7, 1:00 AM		33.12	31209.70	25.11
Dec 7, 2:00 AM		32.94	30922.46	25.35
Dec 7, 3:00 AM		32.25	31018.47	25.24
Dec 7, 4:00 AM		32.55	30826.10	24.89
Dec 7, 5:00 AM		32.41	31502.57	25.11
Dec 7, 6:00 AM		32.11	31097.20	25.41
Dec 7, 7:00 AM		32.64	31560.24	25.07
Dec 7, 8:00 AM		32.28	31111.26	25.26
Dec 7, 9:00 AM		31.75	31001.35	25.36
Dec 7, 10:00 AM		32.42	30953.85	25.29
Dec 7, 11:00 AM		32.22	30958.53	25.43
Dec 7, 12:00 PM		31.60	30950.21	25.40
Dec 7, 1:00 PM		31.89	30485.40	24.97
Dec 7, 2:00 PM		31.79	30648.13	25.29
Dec 7, 3:00 PM		33.48	30407.93	27.78
Dec 7, 4:00 PM		44.82	30584.80	39.18
Dec 7, 5:00 PM		33.94	30626.67	27.55
Dec 7, 6:00 PM		32.93	30339.36	26.97
Dec 7, 7:00 PM		32.55	30129.22	25.83
Dec 7, 8:00 PM		33.33	30457.32	27.08
Dec 7, 9:00 PM		32.36	34263.66	26.61
Dec 7, 10:00 PM		32.17	30085.67	25.43
Dec 7, 11:00 PM		32.29	33104.34	25.70
Dec 8, 12:00 AM		31.85	29835.49	25.77
Dec 8, 1:00 AM		32.35	31392.83	25.53
Dec 8, 2:00 AM		32.36	28723.48	25.82
Dec 8, 3:00 AM		31.99	30461.11	25.90
Dec 8, 4:00 AM		32.62	30584.88	25.78
Dec 8, 5:00 AM		32.16	30578.12	25.66

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 8, 6:00 AM		32.02	30024.12	25.98
Dec 8, 7:00 AM		32.43	28995.62	25.53
Dec 8, 8:00 AM		32.55	31327.91	25.90
Dec 8, 9:00 AM		32.33	31353.44	26.10
Dec 8, 10:00 AM		32.90	31575.19	25.84
Dec 8, 11:00 AM		34.66	31420.27	27.95
Dec 8, 12:00 PM		37.35	31333.42	31.51
Dec 8, 1:00 PM		34.56	31223.88	27.53
Dec 8, 2:00 PM		33.82	30684.64	26.97
Dec 8, 3:00 PM		33.43	30878.11	26.99
Dec 8, 4:00 PM		33.94	30680.15	26.83
Dec 8, 5:00 PM		33.11	30774.64	26.63
Dec 8, 6:00 PM		32.95	31068.92	26.95
Dec 8, 7:00 PM		32.99	30956.96	26.26
Dec 8, 8:00 PM		33.70	31518.66	27.27
Dec 8, 9:00 PM		35.03	31271.17	29.19
Dec 8, 10:00 PM		36.30	31449.20	29.75
Dec 8, 11:00 PM		34.22	31110.13	27.66
Dec 9, 12:00 AM		33.06	31556.85	26.90
Dec 9, 1:00 AM		33.30	31603.43	26.40
Dec 9, 2:00 AM		33.15	31467.15	26.51
Dec 9, 3:00 AM		32.63	31317.09	26.52
Dec 9, 4:00 AM		33.10	30930.13	26.23
Dec 9, 5:00 AM		32.61	31027.42	26.09
Dec 9, 6:00 AM		32.30	29780.20	26.15
Dec 9, 7:00 AM		32.74	30694.85	25.75
Dec 9, 8:00 AM		32.79	30810.85	26.14
Dec 9, 9:00 AM		32.78	30830.60	26.50
Dec 9, 10:00 AM		32.82	30381.89	25.93
Dec 9, 11:00 AM		33.03	32076.72	26.38
Dec 9, 12:00 PM		32.53	30567.62	26.36

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 9, 1:00 PM		33.24	30212.62	26.24
Dec 9, 2:00 PM		33.79	30398.86	26.93
Dec 9, 3:00 PM	19797.08	33.64	30817.74	27.47
Dec 9, 4:00 PM	19886.62	33.52	32778.07	26.57
Dec 9, 5:00 PM	19956.32	33.60	30437.35	26.82
Dec 9, 6:00 PM	19960.46	33.04	30603.47	26.67
Dec 9, 7:00 PM	20010.20	33.69	30630.79	26.56
Dec 9, 8:00 PM	20067.32	33.01	30278.19	26.32
Dec 9, 9:00 PM	19950.97	32.59	30667.50	26.37
Dec 9, 10:00 PM	19983.55	33.00	31011.49	26.10
Dec 9, 11:00 PM	19980.24	32.90	30515.58	26.22
Dec 10, 12:00 AM	20056.14	32.69	30957.97	26.56
Dec 10, 1:00 AM	20049.09	33.06	30576.97	26.03
Dec 10, 2:00 AM	20030.77	33.31	30376.85	26.54
Dec 10, 3:00 AM	20016.33	32.95	30895.68	26.71
Dec 10, 4:00 AM	20062.79	33.73	30915.26	26.59
Dec 10, 5:00 AM	20129.69	33.10	30483.10	26.40
Dec 10, 6:00 AM	20167.45	32.52	30702.94	26.41
Dec 10, 7:00 AM	20100.45	33.18	30493.69	26.21
Dec 10, 8:00 AM	20143.98	32.46	30742.63	25.94
Dec 10, 9:00 AM	20216.93	31.95	30630.29	25.93
Dec 10, 10:00 AM	20175.09	32.46	30793.84	25.38
Dec 10, 11:00 AM	20185.48	32.89	30408.59	26.26
Dec 10, 12:00 PM	20026.25	32.13	30825.99	26.20
Dec 10, 1:00 PM	19974.34	32.57	30790.45	25.73
Dec 10, 2:00 PM	19925.99	32.73	30669.02	26.27
Dec 10, 3:00 PM	20037.50	32.63	30778.51	26.66
Dec 10, 4:00 PM	20077.69	33.13	30464.44	26.24
Dec 10, 5:00 PM	20090.38	33.05	30475.58	26.63
Dec 10, 6:00 PM	20119.78	33.30	30709.05	27.30
Dec 10, 7:00 PM	20200.41	33.14	31153.85	26.33

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 10, 8:00 PM	20287.14	33.10	31123.19	26.48
Dec 10, 9:00 PM	20262.83	31.91	31195.89	25.76
Dec 10, 10:00 PM	20364.72	32.40	31156.26	25.47
Dec 10, 11:00 PM	20231.15	32.27	31191.25	25.65
Dec 11, 12:00 AM	20185.32	36.46	31187.94	29.71
Dec 11, 1:00 AM	20318.68	38.07	30847.62	29.82
Dec 11, 2:00 AM	20266.37	36.94	31260.57	29.19
Dec 11, 3:00 AM	20326.80	35.93	31224.78	29.05
Dec 11, 4:00 AM	20420.87	37.09	31361.35	29.27
Dec 11, 5:00 AM	20431.59	37.68	31038.04	30.10
Dec 11, 6:00 AM	20398.88	37.37	31436.26	30.27
Dec 11, 7:00 AM	20429.39	36.98	31217.00	29.17
Dec 11, 8:00 AM	20415.50	36.20	31240.86	28.80
Dec 11, 9:00 AM	20501.75	35.19	31464.87	27.99
Dec 11, 10:00 AM	20565.42	34.75	31469.42	26.93
Dec 11, 11:00 AM	20485.06	33.95	31587.50	26.20
Dec 11, 12:00 PM	20512.72	32.96	31380.61	25.90
Dec 11, 1:00 PM	20480.43	33.69	30912.02	25.92
Dec 11, 2:00 PM	20430.64	34.74	30595.21	26.71
Dec 11, 3:00 PM	20441.18	34.26	30772.41	
Dec 11, 4:00 PM	20632.85	33.51	30423.26	25.67
Dec 11, 5:00 PM	20550.10	32.95	30581.41	25.51
Dec 11, 6:00 PM	20435.94	31.89	30773.70	25.40
Dec 11, 7:00 PM	20408.58	32.33	32073.45	25.06
Dec 11, 8:00 PM	20613.63	32.38	29646.60	25.34
Dec 11, 9:00 PM	20680.38	32.21	31101.68	25.33
Dec 11, 10:00 PM	20580.54	33.01	30281.30	25.34
Dec 11, 11:00 PM	20803.15	33.49	30120.93	25.95
Dec 12, 12:00 AM	20889.49	32.12	32000.04	25.53
Dec 12, 1:00 AM	21054.80	32.58	31376.12	24.87
Dec 12, 2:00 AM	21169.39	32.46	31343.88	24.85

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 12, 3:00 AM	21236.70	31.88	31125.18	24.62
Dec 12, 4:00 AM	21446.68	32.25	31416.73	23.57
Dec 12, 5:00 AM	21473.73	32.49	31426.15	23.84
Dec 12, 6:00 AM	21358.52	32.20	30778.36	24.27
Dec 12, 7:00 AM	21732.97	33.09	31499.31	23.74
Dec 12, 8:00 AM	21515.41	32.94	31646.98	23.96
Dec 12, 9:00 AM	21705.92	32.49	31436.87	24.39
Dec 12, 10:00 AM	21827.87	33.57	31005.77	24.09
Dec 12, 11:00 AM	21688.70	34.08	31353.46	25.18
Dec 12, 12:00 PM	21693.68	32.73	32958.64	24.80
Dec 12, 1:00 PM	21603.60	33.55	32607.79	24.28
Dec 12, 2:00 PM	21468.93	33.84	31692.46	25.11
Dec 12, 3:00 PM	21529.39	91.46	31028.44	87.53
Dec 12, 4:00 PM	21621.23	74.86	31774.01	69.91
Dec 12, 5:00 PM	21532.40	36.18	31248.76	27.52
Dec 12, 6:00 PM	21380.95	36.03	31470.29	27.22
Dec 12, 7:00 PM	21568.27	37.17	31822.31	27.14
Dec 12, 8:00 PM	21663.67	37.56	33030.11	27.95
Dec 12, 9:00 PM	21671.90	37.23	32417.03	28.21
Dec 12, 10:00 PM	21574.50	36.87	31485.20	27.52
Dec 12, 11:00 PM	21597.20	36.05	31505.55	27.45
Dec 13, 12:00 AM	21481.36	36.17	30823.46	28.06
Dec 13, 1:00 AM	21597.21	36.70	30953.39	27.45
Dec 13, 2:00 AM	21429.66	36.30	31542.37	28.00
Dec 13, 3:00 AM	21494.32	35.62	31297.62	27.97
Dec 13, 4:00 AM	21406.83	35.91	31590.01	27.28
Dec 13, 5:00 AM	21519.25	35.89	31553.54	27.56
Dec 13, 6:00 AM	21509.14	35.41	31079.62	27.44
Dec 13, 7:00 AM	21650.78	36.07	31806.24	26.95
Dec 13, 8:00 AM	21633.68	37.59	31616.11	29.25
Dec 13, 9:00 AM	21560.13	39.45	32071.17	32.08



## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 13, 10:00 AM	21706.86	37.18	31576.40	28.59
Dec 13, 11:00 AM	21546.49	36.45	31636.01	28.09
Dec 13, 12:00 PM	21475.42	34.71	31879.80	27.64
Dec 13, 1:00 PM	21367.86	36.40	31904.92	27.35
Dec 13, 2:00 PM	21442.56	36.20	32141.93	27.83
Dec 13, 3:00 PM	21317.70	35.50	31618.92	28.09
Dec 13, 4:00 PM	21319.26	36.06	31699.22	27.76
Dec 13, 5:00 PM	21414.77	35.76	31802.44	28.06
Dec 13, 6:00 PM	21371.05	34.71	32210.11	27.90
Dec 13, 7:00 PM	21547.65	35.48	32079.85	27.54
Dec 13, 8:00 PM	21596.69	35.29	32240.29	27.82
Dec 13, 9:00 PM	21591.63	34.97	32101.27	27.94
Dec 13, 10:00 PM	21522.65	35.46	32206.51	27.29
Dec 13, 11:00 PM	21454.52	35.04	31990.07	27.54
Dec 14, 12:00 AM	21484.16	34.53	31864.87	27.57
Dec 14, 1:00 AM	21610.76	34.45	32110.91	26.48
Dec 14, 2:00 AM	21566.58	34.44	32369.30	27.02
Dec 14, 3:00 AM	21502.68	34.28	32174.63	27.45
Dec 14, 4:00 AM	21287.33	35.21	31634.52	27.22
Dec 14, 5:00 AM	21349.27	35.65	30998.59	28.06
Dec 14, 6:00 AM	21286.08	35.04	33216.26	28.18
Dec 14, 7:00 AM	21455.39	35.78	32484.98	27.76
Dec 14, 8:00 AM	21318.98	40.16	31717.06	33.02
Dec 14, 9:00 AM	21346.50	42.51	32016.37	36.26
Dec 14, 10:00 AM	21109.00	47.11	31952.35	40.62
Dec 14, 11:00 AM	21045.07	56.02	32070.38	50.60
Dec 14, 12:00 PM	21115.47	44.19	31685.19	38.38
Dec 14, 1:00 PM	20997.88	35.75	31517.45	28.24
Dec 14, 2:00 PM	21007.35	35.35	31474.53	28.43
Dec 14, 3:00 PM	20965.80	41.15	31793.35	35.65
Dec 14, 4:00 PM	20933.19	58.95	31818.37	54.00

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 14, 5:00 PM	21075.44	39.63	31720.15	33.96
Dec 14, 6:00 PM	20977.18	33.38	31932.24	27.56
Dec 14, 7:00 PM	21088.21	34.77	31737.77	27.87
Dec 14, 8:00 PM	20932.15	34.85	31851.16	28.09
Dec 14, 9:00 PM	21037.62	33.76	32021.94	27.64
Dec 14, 10:00 PM	20976.50	34.18	31762.11	27.21
Dec 14, 11:00 PM	20976.49	35.16	31580.36	28.53
Dec 15, 12:00 AM	21104.51	38.74	31699.10	32.92
Dec 15, 1:00 AM	21127.48	35.71	34955.91	28.51
Dec 15, 2:00 AM	20764.56	35.02	31137.44	28.02
Dec 15, 3:00 AM	20927.39	34.82	29869.83	28.34
Dec 15, 4:00 AM	20907.19	35.37	31130.12	28.00
Dec 15, 5:00 AM	20892.33	35.35	33265.61	28.41
Dec 15, 6:00 AM	20940.96	34.80	31344.90	28.45
Dec 15, 7:00 AM	21024.61	35.70	31160.34	28.17
Dec 15, 8:00 AM	20915.71	35.43	31303.31	28.49
Dec 15, 9:00 AM	20951.55	34.93	33119.73	28.61
Dec 15, 10:00 AM	20966.29	35.35	34048.33	28.24
Dec 15, 11:00 AM	20775.19	35.78	30507.00	29.01
Dec 15, 12:00 PM	20844.55	34.97	34468.82	28.78
Dec 15, 1:00 PM	20849.34	34.76	28381.57	27.83
Dec 15, 2:00 PM	20665.23	35.20	32725.40	28.52
Dec 15, 3:00 PM	20730.29	35.33	28560.96	29.19
Dec 15, 4:00 PM	20767.63	37.65	33050.14	30.88
Dec 15, 5:00 PM	20728.70	36.23	29401.87	29.73
Dec 15, 6:00 PM	20772.86	35.48	30966.43	29.42
Dec 15, 7:00 PM	20729.21	35.87	33712.46	29.00
Dec 15, 8:00 PM	20685.69	35.17	30963.91	28.77
Dec 15, 9:00 PM	20727.92	34.73	30904.26	28.84
Dec 15, 10:00 PM	20548.37	35.42	31125.26	28.69
Dec 15, 11:00 PM	20579.88	35.63	31302.78	29.10

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 16, 12:00 AM	20574.40	34.76	32083.01	28.81
Dec 16, 1:00 AM	20553.55	35.39	32956.96	28.67
Dec 16, 2:00 AM	20505.15	35.76	30603.84	29.33
Dec 16, 3:00 AM	20526.77	35.61	30830.71	29.57
Dec 16, 4:00 AM	20670.04	36.07	31950.47	29.23
Dec 16, 5:00 AM	20558.43	35.68	31089.82	29.13
Dec 16, 6:00 AM	20512.55	35.72	29688.80	29.56
Dec 16, 7:00 AM	20532.95	36.19	30917.66	29.36
Dec 16, 8:00 AM	20452.52	36.18	30536.07	29.68
Dec 16, 9:00 AM	20406.85	36.06	30843.53	29.92
Dec 16, 10:00 AM	20452.34	36.61	30701.15	29.66
Dec 16, 11:00 AM	20334.11	36.77	30627.77	30.05
Dec 16, 12:00 PM	20358.05	36.55	30578.42	30.32
Dec 16, 1:00 PM	20269.22	37.17	30811.84	30.17
Dec 16, 2:00 PM	20203.22	37.18	30874.24	30.45
Dec 16, 3:00 PM	20148.67	36.73	30436.75	30.45
Dec 16, 4:00 PM	20224.97	36.95	30321.61	30.05
Dec 16, 5:00 PM	20012.09	36.63	30465.10	30.02
Dec 16, 6:00 PM	19948.33	36.40	30005.39	30.19
Dec 16, 7:00 PM	20004.01	36.87	30046.05	30.10
Dec 16, 8:00 PM	19870.65	37.75	29923.32	31.46
Dec 16, 9:00 PM	19789.01	38.02	29750.76	31.11
Dec 16, 10:00 PM	19897.67	39.17	29799.63	30.97
Dec 16, 11:00 PM	20057.33	39.05	30274.11	30.14
Dec 17, 12:00 AM	20055.27	38.20	30040.42	29.95
Dec 17, 1:00 AM	20016.12	39.00	29904.99	29.85
Dec 17, 2:00 AM	20056.66	38.98	30284.35	30.15
Dec 17, 3:00 AM	20129.05	38.50	30035.26	30.11
Dec 17, 4:00 AM	20142.07	39.20	29942.99	30.09
Dec 17, 5:00 AM	20188.11	38.78	29996.37	30.15
Dec 17, 6:00 AM	20141.26	38.25	30234.56	29.96

O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 17, 7:00 AM	20156.55	38.57	30456.85	29.53
Dec 17, 8:00 AM	20212.54	38.43	30195.71	29.74
Dec 17, 9:00 AM	20246.01	38.08	29964.12	29.63
Dec 17, 10:00 AM	20222.95	39.00	30307.74	29.73
Dec 17, 11:00 AM	20287.57	39.74	30094.34	29.80
Dec 17, 12:00 PM	20325.57	38.65	30299.03	29.08
Dec 17, 1:00 PM	20332.46	38.68	30183.37	28.50
Dec 17, 2:00 PM	20367.62	38.61	29852.95	29.13
Dec 17, 3:00 PM	20442.29	38.38	30193.38	29.37
Dec 17, 4:00 PM	20346.96	38.36	30318.29	28.56
Dec 17, 5:00 PM	20454.76	38.25	30159.43	28.73
Dec 17, 6:00 PM	20397.80	37.85	30334.22	29.01
Dec 17, 7:00 PM	20402.40	38.35	30429.90	28.74
Dec 17, 8:00 PM	20473.20	38.36	30340.78	28.91
Dec 17, 9:00 PM	20315.16	37.68	32964.25	28.82
Dec 17, 10:00 PM	20419.40	38.47	29821.87	28.86
Dec 17, 11:00 PM	20367.54	39.68	30464.08	30.09
Dec 18, 12:00 AM	20418.86	39.33	30377.28	30.33
Dec 18, 1:00 AM	20421.68	38.36	32860.47	28.87
Dec 18, 2:00 AM	20443.28	37.76	31671.37	28.74
Dec 18, 3:00 AM	20552.10	37.44	30438.46	29.15
Dec 18, 4:00 AM	20546.87	38.48	30697.24	29.46
Dec 18, 5:00 AM	20431.47	37.41	30213.94	28.58
Dec 18, 6:00 AM	20305.80	36.20	30490.11	27.94
Dec 18, 7:00 AM	20388.47	36.43	30255.58	27.52
Dec 18, 8:00 AM	20493.46	36.57	30215.79	27.85
Dec 18, 9:00 AM	20473.72	35.35	30304.19	27.32
Dec 18, 10:00 AM	20507.03	36.24	30546.05	27.16
Dec 18, 11:00 AM	20480.65	37.56	30601.55	28.30
Dec 18, 12:00 PM	20380.41	37.75	30142.17	28.83
Dec 18, 1:00 PM	20514.54	38.88	30337.54	28.91

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 18, 2:00 PM	20355.39	38.81	30019.25	29.33
Dec 18, 3:00 PM	20354.31	37.72	30296.47	28.73
Dec 18, 4:00 PM	20361.94	38.20	30463.20	28.05
Dec 18, 5:00 PM	20388.27	37.35	30272.93	27.64
Dec 18, 6:00 PM	20436.26	36.41	30313.72	27.39
Dec 18, 7:00 PM	20515.34	37.32	30515.24	27.47
Dec 18, 8:00 PM	20556.70	36.68	30167.69	27.52
Dec 18, 9:00 PM	20436.98	36.59	29866.51	27.87
Dec 18, 10:00 PM	20479.01	37.71	30329.71	27.87
Dec 18, 11:00 PM	20571.08	38.18	30597.93	28.66
Dec 19, 12:00 AM	20512.04	38.68	30286.20	29.58
Dec 19, 1:00 AM	20557.72	39.11	30370.14	28.94
Dec 19, 2:00 AM	20622.17	38.78	29987.59	29.15
Dec 19, 3:00 AM	20568.45	38.70	29943.55	29.51
Dec 19, 4:00 AM	20611.29	39.52	29751.70	29.26
Dec 19, 5:00 AM	20619.46	40.00	30590.61	29.49
Dec 19, 6:00 AM	20697.76	38.71	30460.42	29.12
Dec 19, 7:00 AM	20601.57	39.04	30389.15	28.69
Dec 19, 8:00 AM	20579.59	39.36	28603.97	29.26
Dec 19, 9:00 AM	20628.65	38.69	30359.86	28.85
Dec 19, 10:00 AM	20602.54	36.50	29973.66	26.40
Dec 19, 11:00 AM	20538.14	36.39	30847.75	27.16
Dec 19, 12:00 PM	20495.94	54.27	31589.57	47.17
Dec 19, 1:00 PM	20653.97	47.68	29842.32	38.43
Dec 19, 2:00 PM	20567.01	39.32	30202.70	29.39
Dec 19, 3:00 PM	20638.63	39.63	30043.78	29.68
Dec 19, 4:00 PM	20573.04	40.72	29795.59	29.88
Dec 19, 5:00 PM	20530.85	40.60	30156.94	30.35
Dec 19, 6:00 PM	20469.49	41.70	30458.32	32.45
Dec 19, 7:00 PM	20690.82	42.73	30316.14	32.52
Dec 19, 8:00 PM	20492.67	40.62	29990.11	31.04

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 19, 9:00 PM	20509.70	39.01	30428.48	29.92
Dec 19, 10:00 PM	20406.70	39.39	30079.19	29.38
Dec 19, 11:00 PM	20395.90	38.59	29772.27	29.05
Dec 20, 12:00 AM	20430.10	37.96	29908.03	28.99
Dec 20, 1:00 AM	20440.04	38.87	29911.70	28.46
Dec 20, 2:00 AM	20556.60	38.65	29961.22	28.88
Dec 20, 3:00 AM	20544.65	38.04	30167.03	28.92
Dec 20, 4:00 AM	20555.54	38.83	30125.08	28.79
Dec 20, 5:00 AM	20475.84	39.24	29982.44	29.26
Dec 20, 6:00 AM	20381.29	38.51	29786.00	29.38
Dec 20, 7:00 AM	20480.79	38.61	29985.01	28.55
Dec 20, 8:00 AM	20441.21	38.39	29599.29	28.60
Dec 20, 9:00 AM	20245.17	37.48	30004.95	28.49
Dec 20, 10:00 AM	20484.93	37.53	29939.70	27.96
Dec 20, 11:00 AM	20470.47	37.14	29845.58	28.18
Dec 20, 12:00 PM	20514.20	36.68	29912.65	28.31
Dec 20, 1:00 PM	20491.34	36.90	29930.48	27.74
Dec 20, 2:00 PM	20440.76	37.09	30098.95	28.10
Dec 20, 3:00 PM	20534.64	36.71	29730.51	28.39
Dec 20, 4:00 PM	20646.68	37.45	29697.94	28.39
Dec 20, 5:00 PM	20574.83	37.06	30009.04	28.44
Dec 20, 6:00 PM	20649.92	36.23	30257.20	28.20
Dec 20, 7:00 PM	20497.03	36.65	30247.65	27.19
Dec 20, 8:00 PM	20633.72	36.72	31917.91	27.56
Dec 20, 9:00 PM	20645.81	36.77	31269.07	27.81
Dec 20, 10:00 PM	20764.80	38.53	30438.10	28.26
Dec 20, 11:00 PM	20815.90	37.38	30411.48	27.65
Dec 21, 12:00 AM	20835.54	36.69	30503.69	27.66
Dec 21, 1:00 AM	20837.42	37.15	30490.92	27.13
Dec 21, 2:00 AM	20906.76	37.43	30796.50	27.62
Dec 21, 3:00 AM	20935.30	36.73	30630.43	27.59

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 21, 4:00 AM	21078.43	38.42	30740.98	27.77
Dec 21, 5:00 AM	21093.23	37.92	32931.29	27.56
Dec 21, 6:00 AM	21052.56	36.57	31401.12	27.25
Dec 21, 7:00 AM	21062.23	36.98	30916.50	26.94
Dec 21, 8:00 AM	20991.01	37.05	30872.58	27.19
Dec 21, 9:00 AM	20985.03	37.59	31068.76	28.51
Dec 21, 10:00 AM	20896.64	52.26	30951.97	43.65
Dec 21, 11:00 AM	20772.97	37.80	30732.65	28.07
Dec 21, 12:00 PM	20766.85	36.74	30128.82	27.47
Dec 21, 1:00 PM	20745.38	37.47	30816.52	27.26
Dec 21, 2:00 PM	20787.09	38.01	31132.88	28.36
Dec 21, 3:00 PM	20895.05	37.06	30558.31	28.11
Dec 21, 4:00 PM	21042.27	37.32	31153.37	26.95
Dec 21, 5:00 PM	20953.71	36.32	31344.67	26.64
Dec 21, 6:00 PM	21050.19	35.34	31492.39	26.39
Dec 21, 7:00 PM	21005.80	36.57	31648.62	26.18
Dec 21, 8:00 PM	20968.64	37.01	31148.75	26.89
Dec 21, 9:00 PM	21064.81	36.45	31273.91	26.75
Dec 21, 10:00 PM	20399.15	37.14	31084.59	26.21
Dec 21, 11:00 PM	20048.09	37.13	30205.93	26.77
Dec 22, 12:00 AM	20011.14	36.83	29834.71	26.98
Dec 22, 1:00 AM	20028.16	37.56	30153.40	26.83
Dec 22, 2:00 AM	19833.64	37.54	30132.37	27.47
Dec 22, 3:00 AM	19812.64	37.12	30427.91	27.63
Dec 22, 4:00 AM	19951.54	38.38	30652.11	27.45
Dec 22, 5:00 AM	19982.50	37.75	30291.18	27.39
Dec 22, 6:00 AM	19884.21	37.14	30077.93	27.54
Dec 22, 7:00 AM	20045.56	38.04	30227.45	27.29
Dec 22, 8:00 AM	19804.23	37.57	30100.71	27.51
Dec 22, 9:00 AM	19839.72	36.85	29987.73	27.53
Dec 22, 10:00 AM	19734.40	37.16	29739.99	26.82

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 22, 11:00 AM	19609.97	36.76	29862.73	27.23
Dec 22, 12:00 PM	19612.49	35.77	29861.84	27.32
Dec 22, 1:00 PM	19649.07	36.70	30540.45	27.30
Dec 22, 2:00 PM	19627.77	36.00	30511.89	27.25
Dec 22, 3:00 PM	19529.53	35.29	30210.01	27.17
Dec 22, 4:00 PM	19538.22	35.76	30118.15	26.54
Dec 22, 5:00 PM	19503.63	35.59	30096.86	26.77
Dec 22, 6:00 PM	19504.86	35.00	30260.53	26.87
Dec 22, 7:00 PM	19571.99	35.71	30200.53	26.66
Dec 22, 8:00 PM	19524.85	34.67	30368.44	26.67
Dec 22, 9:00 PM	19340.75	34.12	30518.01	26.73
Dec 22, 10:00 PM	19302.02	34.57	30423.60	26.24
Dec 22, 11:00 PM	19259.99	35.11	30563.85	26.99
Dec 23, 12:00 AM	19313.56	33.72	30655.28	26.39
Dec 23, 1:00 AM	19284.07	34.25	30371.32	26.02
Dec 23, 2:00 AM	19239.61	34.49	30515.10	26.68
Dec 23, 3:00 AM	19160.43	34.29	30269.21	26.94
Dec 23, 4:00 AM	19373.48	35.47	29994.76	27.02
Dec 23, 5:00 AM	19194.66	35.06	30254.47	27.04
Dec 23, 6:00 AM	19129.45	34.23	30149.52	27.05
Dec 23, 7:00 AM	19230.48	34.82	30394.69	26.89
Dec 23, 8:00 AM	19242.88	34.71	30171.79	27.10
Dec 23, 9:00 AM	19232.47	34.02	30311.91	27.03
Dec 23, 10:00 AM	19160.15	34.49	30085.39	26.61
Dec 23, 11:00 AM	19183.35	34.15	29774.22	26.85
Dec 23, 12:00 PM	19108.79	34.12	29993.97	27.24
Dec 23, 1:00 PM	19132.09	35.13	29691.33	27.28
Dec 23, 2:00 PM	19173.63	35.35	29402.18	27.91
Dec 23, 3:00 PM	19144.10	35.45	29745.27	28.45
Dec 23, 4:00 PM	19202.88	36.48	29605.64	28.43
Dec 23, 5:00 PM	19308.79	36.04	29712.54	28.33



## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 23, 6:00 PM	19448.84	35.13	29595.40	28.04
Dec 23, 7:00 PM	19402.99	36.08	29569.50	27.95
Dec 23, 8:00 PM	19336.23	35.91	29825.43	28.21
Dec 23, 9:00 PM	19353.42	35.51	29736.00	28.25
Dec 23, 10:00 PM	19359.83	36.34	29951.08	28.20
Dec 23, 11:00 PM	19334.47	36.71	30042.03	28.74
Dec 24, 12:00 AM	19254.91	36.31	29897.31	28.86
Dec 24, 1:00 AM	19212.60	36.82	30129.87	28.51
Dec 24, 2:00 AM	19215.97	36.94	30010.39	28.96
Dec 24, 3:00 AM	19268.79	37.27	30218.44	29.67
Dec 24, 4:00 AM	19218.76	37.61	30069.16	29.04
Dec 24, 5:00 AM	19266.70	44.98	30120.90	37.54
Dec 24, 6:00 AM	19249.40	40.90	30175.41	33.92
Dec 24, 7:00 AM	19411.99	36.92	30210.61	28.54
Dec 24, 8:00 AM	19330.99	36.05	29186.98	28.21
Dec 24, 9:00 AM	19290.39	34.93	29754.13	27.25
Dec 24, 10:00 AM	19344.59	35.31	30547.29	27.13
Dec 24, 11:00 AM	19384.16	35.43	30000.56	27.63
Dec 24, 12:00 PM	19228.74	35.21	30236.70	28.09
Dec 24, 1:00 PM	19261.93	35.86	30156.36	28.22
Dec 24, 2:00 PM	19187.35	35.68	29988.52	28.09
Dec 24, 3:00 PM	19199.43	35.17	30027.18	28.06
Dec 24, 4:00 PM	19162.00	35.88	29776.81	27.96
Dec 24, 5:00 PM	19202.19	35.84	29596.88	28.40
Dec 24, 6:00 PM	19256.09	35.62	29867.22	29.01
Dec 24, 7:00 PM	19296.58	37.68	30276.46	30.60
Dec 24, 8:00 PM	19323.04	35.81	29919.24	29.04
Dec 24, 9:00 PM	19285.22	34.95	29914.12	28.54
Dec 24, 10:00 PM	19281.11	36.26	29862.31	28.80
Dec 24, 11:00 PM	19243.16	36.09	29764.69	28.93
Dec 25, 12:00 AM	19296.99	36.29	30204.58	29.52

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 25, 1:00 AM	19230.39	36.19	30262.08	28.79
Dec 25, 2:00 AM	19206.52	36.05	30126.28	28.87
Dec 25, 3:00 AM	19320.50	35.51	30362.07	28.83
Dec 25, 4:00 AM	19361.93	36.33	30143.36	28.71
Dec 25, 5:00 AM	19241.97	35.96	30089.84	28.65
Dec 25, 6:00 AM	19318.35	35.71	30005.74	28.86
Dec 25, 7:00 AM	19336.31	36.31	29504.17	28.50
Dec 25, 8:00 AM	19318.08	36.18	30045.52	28.81
Dec 25, 9:00 AM	19316.35	35.56	29764.71	28.71
Dec 25, 10:00 AM	19321.32	36.06	29868.60	28.31
Dec 25, 11:00 AM	19373.72	35.95	32723.39	28.54
Dec 25, 12:00 PM	19431.64	35.56	28586.07	28.73
Dec 25, 1:00 PM	19222.84	36.15	29370.41	28.45
Dec 25, 2:00 PM	19397.88	122.98	29728.34	123.11
Dec 25, 3:00 PM	19272.07	77.63	35951.54	74.86
Dec 25, 4:00 PM	19378.75	37.05	30266.56	29.60
Dec 25, 5:00 PM	19336.11	35.95	29387.08	28.67
Dec 25, 6:00 PM	19274.06	35.37	29534.80	28.62
Dec 25, 7:00 PM	19427.20	36.22	31821.67	28.54
Dec 25, 8:00 PM	19298.62	35.53	30368.96	28.31
Dec 25, 9:00 PM	19350.90	35.31	29554.09	28.54
Dec 25, 10:00 PM	19304.91	35.81	30000.89	28.23
Dec 25, 11:00 PM	19393.79	36.38	29923.78	28.97
Dec 26, 12:00 AM	19181.35	35.06	29848.41	28.29
Dec 26, 1:00 AM	19309.29	36.21	29809.95	28.48
Dec 26, 2:00 AM	19321.00	35.55	29674.82	28.35
Dec 26, 3:00 AM	19301.93	35.23	29465.53	28.54
Dec 26, 4:00 AM	19329.54	35.84	29796.74	28.24
Dec 26, 5:00 AM	19235.85	35.29	29840.15	28.06
Dec 26, 6:00 AM	19239.63	35.08	29850.41	28.38
Dec 26, 7:00 AM	19150.98	35.36	30000.61	27.79

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 26, 8:00 AM	19222.07	34.94	29770.06	27.87
Dec 26, 9:00 AM	19170.42	34.46	29653.43	27.92
Dec 26, 10:00 AM	19165.13	34.69	28811.00	27.38
Dec 26, 11:00 AM	19255.61	34.85	29935.42	27.85
Dec 26, 12:00 PM	19137.34	34.68	30125.18	28.13
Dec 26, 1:00 PM	19260.81	35.35	33277.65	28.07
Dec 26, 2:00 PM	19083.86	35.43	29847.12	28.42
Dec 26, 3:00 PM	19182.64	34.92	29793.88	28.43
Dec 26, 4:00 PM	19100.79	35.30	29964.68	28.02
Dec 26, 5:00 PM	19118.24	35.17	30013.04	28.24
Dec 26, 6:00 PM	19211.15	34.69	29430.65	28.29
Dec 26, 7:00 PM	19247.40	35.71	30182.15	28.41
Dec 26, 8:00 PM	19242.50	35.30	29769.01	28.44
Dec 26, 9:00 PM	19167.02	34.53	29853.31	28.07
Dec 26, 10:00 PM	19324.75	35.10	29887.88	27.80
Dec 26, 11:00 PM	19307.66	35.04	29882.93	28.00
Dec 27, 12:00 AM	19381.22	34.76	30095.97	28.33
Dec 27, 1:00 AM	19278.93	35.84	29811.83	28.63
Dec 27, 2:00 AM	19167.48	34.63	30020.43	27.84
Dec 27, 3:00 AM	19266.84	34.28	30064.59	27.91
Dec 27, 4:00 AM	19218.76	34.73	29778.72	27.58
Dec 27, 5:00 AM	19210.19	34.94	29975.78	27.98
Dec 27, 6:00 AM	19184.22	34.87	29768.19	28.37
Dec 27, 7:00 AM	19231.26	35.31	29890.23	28.10
Dec 27, 8:00 AM	19276.25	35.32	29823.12	28.91
Dec 27, 9:00 AM	18956.42	34.72	29720.62	28.20
Dec 27, 10:00 AM	19207.99	35.60	29750.42	28.21
Dec 27, 11:00 AM	19176.32	35.40	29593.63	28.28
Dec 27, 12:00 PM	19221.27	34.78	29603.76	28.27
Dec 27, 1:00 PM	19097.13	35.29	29987.61	28.08
Dec 27, 2:00 PM	18998.35	34.96	29638.99	28.13

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 27, 3:00 PM	19084.29	34.29	29416.87	27.96
Dec 27, 4:00 PM	19130.04	35.21	29643.63	28.06
Dec 27, 5:00 PM	19036.30	34.70	29696.65	27.97
Dec 27, 6:00 PM	19185.76	34.87	29486.68	28.65
Dec 27, 7:00 PM	19086.72	35.75	27946.45	28.54
Dec 27, 8:00 PM	18997.31	35.18	31594.04	28.34
Dec 27, 9:00 PM	19032.04	34.91	28030.08	28.46
Dec 27, 10:00 PM	19084.98	34.78	31868.25	27.65
Dec 27, 11:00 PM	18939.85	34.67	29357.65	27.81
Dec 28, 12:00 AM	18991.23	34.35	29798.55	28.00
Dec 28, 1:00 AM	18868.41	35.12	25946.45	27.96
Dec 28, 2:00 AM	18942.03	35.49	30847.58	28.53
Dec 28, 3:00 AM	18998.27	35.47	29393.03	28.81
Dec 28, 4:00 AM	18972.22	36.48	29223.01	29.08
Dec 28, 5:00 AM	18945.75	35.77	27770.16	28.82
Dec 28, 6:00 AM	18861.28	35.39	28810.64	28.95
Dec 28, 7:00 AM	18949.13	35.71	29254.22	28.58
Dec 28, 8:00 AM	18907.82	69.44	28628.40	65.37
Dec 28, 9:00 AM	18903.04	35.75	28598.50	29.42
Dec 28, 10:00 AM	18905.47	35.71	29050.28	28.65
Dec 28, 11:00 AM	18820.75	35.88	29235.41	29.03
Dec 28, 12:00 PM	18778.38	36.23	29101.41	29.69
Dec 28, 1:00 PM	18760.68	36.23	29404.75	29.18
Dec 28, 2:00 PM	18846.61	35.96	29054.14	29.18
Dec 28, 3:00 PM	18737.06	35.64	29285.48	29.36
Dec 28, 4:00 PM	18659.89	36.22	29126.99	29.30
Dec 28, 5:00 PM	18741.41	35.21	29376.59	28.49
Dec 28, 6:00 PM	18876.91	35.56	27416.32	29.17
Dec 28, 7:00 PM	18848.70	36.09	29564.66	28.97
Dec 28, 8:00 PM	18819.70	35.63	29624.96	28.84
Dec 28, 9:00 PM	18908.34	34.79	29714.76	28.56

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 28, 10:00 PM	18912.50	35.50	29962.35	28.38
Dec 28, 11:00 PM	18931.43	34.92	29602.99	28.13
Dec 29, 12:00 AM	18837.68	34.63	29668.63	28.26
Dec 29, 1:00 AM	18706.94	35.30	29515.53	28.18
Dec 29, 2:00 AM	18847.31	35.36	29447.21	28.44
Dec 29, 3:00 AM	18738.80	35.23	29390.43	28.66
Dec 29, 4:00 AM	18750.72	35.98	29593.85	28.60
Dec 29, 5:00 AM	18817.71	36.16	29232.40	29.04
Dec 29, 6:00 AM	18831.59	36.22	29521.92	29.45
Dec 29, 7:00 AM	18874.74	36.65	29428.45	29.13
Dec 29, 8:00 AM	18923.29	36.14	29375.93	29.05
Dec 29, 9:00 AM	18777.43	35.37	29137.52	28.74
Dec 29, 10:00 AM	18837.24	35.45	29206.18	28.21
Dec 29, 11:00 AM	18749.05	35.75	31159.82	28.70
Dec 29, 12:00 PM	18828.23	34.67	29650.50	28.17
Dec 29, 1:00 PM	18886.63	34.93	29196.42	27.80
Dec 29, 2:00 PM	18760.50	34.86	29219.90	27.99
Dec 29, 3:00 PM	18763.64	34.69	28980.57	28.15
Dec 29, 4:00 PM	18764.24	35.50	28853.75	28.13
Dec 29, 5:00 PM	18609.81	35.41	28613.71	28.34
Dec 29, 6:00 PM	18770.92	35.22	28903.85	28.55
Dec 29, 7:00 PM	18532.46	35.95	28670.99	28.48
Dec 29, 8:00 PM	18703.83	35.80	28899.79	28.65
Dec 29, 9:00 PM	18717.54	35.39	28878.21	28.68
Dec 29, 10:00 PM	18631.54	35.81	28752.48	28.40
Dec 29, 11:00 PM	18646.27	36.11	28699.29	28.81
Dec 30, 12:00 AM	18707.12	35.61	29045.27	28.70
Dec 30, 1:00 AM	18733.94	35.96	28686.88	28.18
Dec 30, 2:00 AM	19017.29	35.81	28481.42	28.17
Dec 30, 3:00 AM	19020.67	34.72	28886.59	28.12
Dec 30, 4:00 AM	19175.62	35.45	28208.47	27.98

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 30, 5:00 AM	19075.19	35.74	29011.74	28.27
Dec 30, 6:00 AM	18954.80	35.96	28737.26	28.75
Dec 30, 7:00 AM	19092.29	36.34	28210.18	28.24
Dec 30, 8:00 AM	19029.34	35.57	28905.64	27.97
Dec 30, 9:00 AM	19093.60	34.98	28689.77	27.91
Dec 30, 10:00 AM	18927.17	35.42	28674.02	27.68
Dec 30, 11:00 AM	19192.72	35.85	29123.08	28.26
Dec 30, 12:00 PM	19042.29	35.14	29047.22	28.10
Dec 30, 1:00 PM	18983.60	35.44	28374.69	27.66
Dec 30, 2:00 PM	18829.16	35.50	29861.76	28.01
Dec 30, 3:00 PM	18860.69	35.94	29649.07	28.92
Dec 30, 4:00 PM	18879.16	40.31	30288.78	32.61
Dec 30, 5:00 PM	18876.21	37.57	29801.09	30.16
Dec 30, 6:00 PM	18821.09	36.16	30080.70	29.45
Dec 30, 7:00 PM	18833.33	35.88	29061.59	28.36
Dec 30, 8:00 PM	18813.46	35.69	29639.16	28.61
Dec 30, 9:00 PM	18898.18	35.38	29282.83	28.74
Dec 30, 10:00 PM	18851.13	35.95	29305.23	28.53
Dec 30, 11:00 PM	19009.31	36.11	29402.41	28.94
Dec 31, 12:00 AM	18999.23	35.91	29685.75	29.22
Dec 31, 1:00 AM	19036.72	36.03	29435.46	28.61
Dec 31, 2:00 AM	18865.28	35.75	29222.13	28.65
Dec 31, 3:00 AM	18912.50	35.40	29721.25	28.72
Dec 31, 4:00 AM	18872.66	36.39	29691.75	28.86
Dec 31, 5:00 AM	18923.35	37.46	29613.29	30.39
Dec 31, 6:00 AM	18916.49	35.60	29109.87	28.99
Dec 31, 7:00 AM	18790.28	35.97	29212.38	28.55
Dec 31, 8:00 AM	18773.44	36.53	28639.10	29.40
Dec 31, 9:00 AM	18780.12	35.14	29081.13	28.63
Dec 31, 10:00 AM	18687.76	35.12	29254.39	28.00
Dec 31, 11:00 AM	18688.63	35.12	28957.28	28.41

## O.Reg 88/22 s34: HCC Boiler data from CMS

Date	H110 Stack Flow (m3/hr)	SO2(ppm)	H115 Stack Flow (m3/hr)	SO2(ppm)
Dec 31, 12:00 PM	18715.89	34.05	29213.27	27.89
Dec 31, 1:00 PM	18730.29	34.32	28862.54	28.08
Dec 31, 2:00 PM	18638.28	34.54	29045.93	27.90
Dec 31, 3:00 PM	18657.99	34.38	28925.95	28.08
Dec 31, 4:00 PM	18698.62	35.19	28606.59	28.09
Dec 31, 5:00 PM	18687.41	34.80	29570.47	28.00
Dec 31, 6:00 PM	18744.36	34.41	29300.72	28.06
Dec 31, 7:00 PM	18739.41	35.23	29146.02	28.13
Dec 31, 8:00 PM	18702.17	35.28	29905.63	28.59
Dec 31, 9:00 PM	18775.78	34.52	29127.94	28.25
Dec 31, 10:00 PM	18723.70	35.00	29064.00	28.00
Dec 31, 11:00 PM	18883.33	35.30	28447.39	28.28

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 1, 12:00 AM	0.0	0.0	1.7	8.0	131.6	864.7
Oct 1, 1:00 AM	0.0	0.0	1.5	6.0	129.7	864.8
Oct 1, 2:00 AM	0.0	0.0	1.9	6.8	134.7	869.6
Oct 1, 3:00 AM	0.0	0.0	1.0	6.2	127.0	867.8
Oct 1, 4:00 AM	0.0	0.0	1.0	4.8	118.0	866.7
Oct 1, 5:00 AM	0.1	0.0	1.2	4.9	126.2	867.6
Oct 1, 6:00 AM	0.0	0.0	0.9	5.4	131.5	861.1
Oct 1, 7:00 AM	0.0	0.0	1.1	5.8	136.6	866.3
Oct 1, 8:00 AM	0.0	0.0	1.7	8.1	135.9	867.5
Oct 1, 9:00 AM	0.0	0.0	2.4	8.0	148.9	864.5
Oct 1, 10:00 AM	0.0	0.0	1.0	6.5	148.0	863.6
Oct 1, 11:00 AM	0.0	0.0	1.4	6.5	138.9	862.6
Oct 1, 12:00 PM	0.0	0.0	1.0	5.9	137.7	853.7
Oct 1, 1:00 PM	0.0	0.0	0.7	6.1	144.0	851.9
Oct 1, 2:00 PM	0.0	0.0	1.8	6.4	166.2	851.1
Oct 1, 3:00 PM	0.0	0.0	1.5	9.5	203.3	862.5
Oct 1, 4:00 PM	0.0	0.0	4.4	14.4	177.1	858.6
Oct 1, 5:00 PM	0.0	0.0	2.8	15.0	141.3	869.6
Oct 1, 6:00 PM	0.0	0.0	2.5	14.4	120.4	877.2
Oct 1, 7:00 PM	0.0	0.0	3.4	11.1	113.0	881.0
Oct 1, 8:00 PM	0.0	0.0	1.9	9.4	82.3	881.0
Oct 1, 9:00 PM	0.0	0.0	2.8	10.3	99.2	867.9
Oct 1, 10:00 PM	0.0	0.0	1.8	10.4	104.2	872.4
Oct 1, 11:00 PM	0.0	0.0	3.3	7.7	122.1	875.5
Oct 2, 12:00 AM	0.0	0.0	1.4	6.0	117.6	872.6
Oct 2, 1:00 AM	0.0	0.0	1.7	6.7	111.7	863.2
Oct 2, 2:00 AM	0.0	0.0	1.8	7.5	120.1	882.5
Oct 2, 3:00 AM	0.0	0.0	2.6	7.3	117.9	877.4



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 2, 4:00 AM	0.0	0.0	1.8	6.0	148.4	882.3
Oct 2, 5:00 AM	0.0	0.0	1.7	7.1	159.4	871.9
Oct 2, 6:00 AM	0.0	0.0	1.9	10.5	121.5	883.6
Oct 2, 7:00 AM	0.1	0.0	2.5	6.7	103.4	883.3
Oct 2, 8:00 AM	0.0	0.0	1.0	6.5	117.9	882.1
Oct 2, 9:00 AM	0.0	0.0	1.0	8.0	179.2	863.6
Oct 2, 10:00 AM	0.0	0.0	0.6	5.4	143.3	723.7
Oct 2, 11:00 AM	0.0	0.0	2.7	6.7	156.4	867.1
Oct 2, 12:00 PM	0.0	0.0	2.1	5.8	181.2	866.6
Oct 2, 1:00 PM	0.0	0.0	3.5	6.9	193.4	852.8
Oct 2, 2:00 PM	0.0	0.0	1.6	6.6	178.8	865.8
Oct 2, 3:00 PM	0.0	0.0	4.1	7.5	175.7	840.0
Oct 2, 4:00 PM	0.0	0.0	2.9	9.4	187.0	858.9
Oct 2, 5:00 PM	0.0	0.0	3.7	11.1	174.8	863.1
Oct 2, 6:00 PM	0.0	0.0	5.5	15.1	189.7	867.6
Oct 2, 7:00 PM	0.1	0.0	5.6	15.0	182.2	873.1
Oct 2, 8:00 PM	0.0	0.0	4.3	13.0	148.0	869.7
Oct 2, 9:00 PM	0.0	0.0	3.8	13.8	170.2	874.5
Oct 2, 10:00 PM	0.0	0.0	3.5	11.0	172.4	873.8
Oct 2, 11:00 PM	0.0	0.0	3.0	8.3	130.2	867.6
Oct 3, 12:00 AM	0.1	0.0	2.6	7.2	116.0	864.4
Oct 3, 1:00 AM	0.0	0.0	2.2	6.5	134.1	873.9
Oct 3, 2:00 AM	0.0	0.0	2.8	6.8	145.6	874.9
Oct 3, 3:00 AM	0.1	0.0	2.4	5.9	155.4	867.6
Oct 3, 4:00 AM	0.0	0.0	1.7	4.9	153.1	872.3
Oct 3, 5:00 AM	0.0	0.0	2.8	6.6	149.0	879.6
Oct 3, 6:00 AM	0.0	0.0	1.8	5.4	152.4	878.6
Oct 3, 7:00 AM	0.0	0.0	2.0	5.3	153.0	875.4

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 3, 8:00 AM	0.0	0.0	3.0	5.3	141.0	852.2
Oct 3, 9:00 AM	0.0	0.0	1.0	4.8	154.6	867.4
Oct 3, 10:00 AM	0.0	0.0	2.7	5.3	143.2	837.8
Oct 3, 11:00 AM	0.0	0.0	1.6	4.2	151.0	877.0
Oct 3, 12:00 PM	0.0	0.0	2.0	5.0	170.7	870.9
Oct 3, 1:00 PM	0.0	0.0	2.2	5.1	236.9	863.3
Oct 3, 2:00 PM	0.0	0.0	1.2	6.6	236.2	869.6
Oct 3, 3:00 PM	0.0	0.0	2.7	5.6	183.0	823.5
Oct 3, 4:00 PM	0.0	0.0	1.3	7.4	168.1	866.3
Oct 3, 5:00 PM	0.0	0.0	2.0	9.4	168.9	853.6
Oct 3, 6:00 PM	0.0	0.0	2.3	11.2	173.4	859.7
Oct 3, 7:00 PM	0.0	0.0	3.7	9.7	150.7	865.0
Oct 3, 8:00 PM	0.0	0.0	5.0	14.4	152.4	857.1
Oct 3, 9:00 PM	0.0	0.0	5.0	15.7	152.1	867.3
Oct 3, 10:00 PM	0.0	0.0	2.9	10.6	139.4	869.0
Oct 3, 11:00 PM	0.0	0.0	1.9	8.3	135.9	869.7
Oct 4, 12:00 AM	0.0	0.0	2.6	6.9	148.5	859.0
Oct 4, 1:00 AM	0.0	0.0	2.0	7.0	123.7	872.8
Oct 4, 2:00 AM	0.0	0.0	1.5	6.1	127.2	867.8
Oct 4, 3:00 AM	0.0	0.0	2.7	5.0	151.5	864.5
Oct 4, 4:00 AM	0.0	0.0	1.7	4.6	147.0	868.2
Oct 4, 5:00 AM	0.0	0.0	2.5	5.6	140.6	874.8
Oct 4, 6:00 AM	2.5	0.0	3.6	5.7	154.9	879.3
Oct 4, 7:00 AM	0.0	0.0	3.5	9.1	275.5	887.6
Oct 4, 8:00 AM	0.0	0.0	2.1	5.4	145.0	866.7
Oct 4, 9:00 AM	0.0	0.0	2.1	5.8	144.6	867.7
Oct 4, 10:00 AM	0.0	0.0	2.5	5.3	148.4	862.1
Oct 4, 11:00 AM	0.0	0.0	2.3	5.2	154.5	853.6

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 4, 12:00 PM	0.0	0.0	2.7	5.3	179.0	854.2
Oct 4, 1:00 PM	0.0	0.0	1.4	5.4	188.1	863.9
Oct 4, 2:00 PM	0.0	0.0	3.7	6.1	188.2	864.2
Oct 4, 3:00 PM	0.0	0.0	2.3	6.1	218.2	836.3
Oct 4, 4:00 PM	0.0	0.0	1.3	6.3	229.8	860.3
Oct 4, 5:00 PM	0.0	0.0	2.1	6.3	187.1	857.3
Oct 4, 6:00 PM	0.0	0.0	2.2	8.8	167.5	859.5
Oct 4, 7:00 PM	0.0	0.0	2.3	10.2	155.4	869.0
Oct 4, 8:00 PM	0.0	0.0	4.0	13.9	146.6	873.6
Oct 4, 9:00 PM	0.0	0.0	5.1	14.2	217.2	873.6
Oct 4, 10:00 PM	0.0	0.0	2.4	12.9	151.8	871.1
Oct 4, 11:00 PM	0.0	0.0	2.1	9.0	122.1	872.9
Oct 5, 12:00 AM	0.0	0.0	2.9	6.6	136.4	862.3
Oct 5, 1:00 AM	0.0	0.0	1.3	7.1	158.1	854.7
Oct 5, 2:00 AM	0.0	0.0	3.2	5.4	175.3	872.6
Oct 5, 3:00 AM	0.0	0.0	2.5	5.2	179.5	874.9
Oct 5, 4:00 AM	0.0	0.0	2.5	4.9	166.1	873.5
Oct 5, 5:00 AM	0.0	0.0	1.4	5.0	160.7	875.2
Oct 5, 6:00 AM	0.0	0.0	1.5	5.3	156.0	876.2
Oct 5, 7:00 AM	0.1	0.0	3.2	4.0	154.3	868.4
Oct 5, 8:00 AM	0.3	0.0	3.7	8.0	340.4	892.3
Oct 5, 9:00 AM	0.0	0.0	0.9	4.9	192.6	869.0
Oct 5, 10:00 AM	0.0	0.0	2.1	7.0	163.4	872.0
Oct 5, 11:00 AM	0.0	0.0	2.6	6.3	172.9	854.6
Oct 5, 12:00 PM	0.0	0.0	1.2	6.7	203.4	872.8
Oct 5, 1:00 PM	0.0	0.0	2.1	6.2	212.4	872.7
Oct 5, 2:00 PM	0.0	0.0	2.6	8.3	226.1	868.3
Oct 5, 3:00 PM	12.3	0.0	3.7	11.3	384.2	872.4

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 5, 4:00 PM	0.0	0.0	5.0	13.4	414.2	862.6
Oct 5, 5:00 PM	0.0	0.0	5.2	14.3	251.4	876.5
Oct 5, 6:00 PM	0.0	0.0	6.0	16.7	130.3	878.2
Oct 5, 7:00 PM	0.7	0.0	4.2	14.8	92.1	870.9
Oct 5, 8:00 PM	0.0	0.0	2.9	9.8	96.7	879.4
Oct 5, 9:00 PM	0.0	0.0	6.9	22.1	735.2	891.2
Oct 5, 10:00 PM	0.0	0.0	8.8	29.3	981.8	817.3
Oct 5, 11:00 PM	0.0	0.0	8.2	24.5	980.8	807.9
Oct 6, 12:00 AM	0.0	0.0	5.5	22.4	937.8	782.6
Oct 6, 1:00 AM	0.1	0.0	10.6	32.4	924.3	805.5
Oct 6, 2:00 AM	0.1	0.0	8.7	28.9	906.0	805.2
Oct 6, 3:00 AM	0.0	0.0	7.8	24.3	957.5	807.8
Oct 6, 4:00 AM	6.2	0.0	9.2	28.8	999.7	812.1
Oct 6, 5:00 AM	0.1	0.0	15.4	43.5	914.7	814.7
Oct 6, 6:00 AM	0.0	0.0	10.5	33.5	990.0	821.7
Oct 6, 7:00 AM	26.5	0.1	9.9	28.7	977.0	810.9
Oct 6, 8:00 AM	14.9	0.0	12.9	44.4	926.9	820.0
Oct 6, 9:00 AM	0.3	0.0	12.1	39.0	869.3	846.4
Oct 6, 10:00 AM	0.1	0.0	11.0	25.8	1082.5	884.9
Oct 6, 11:00 AM	3.5	0.0	7.4	21.7	2203.5	903.2
Oct 6, 12:00 PM	14.7	0.2	7.9	20.0	3733.8	884.1
Oct 6, 1:00 PM	1.2	0.0	7.1	20.8	2834.1	898.6
Oct 6, 2:00 PM	3.6	0.0	7.6	22.3	2518.3	890.9
Oct 6, 3:00 PM	0.0	0.0	8.8	22.3	2727.1	880.2
Oct 6, 4:00 PM	4.4	0.0	8.2	23.4	2626.6	865.3
Oct 6, 5:00 PM	3.2	0.0	12.2	32.1	1931.9	851.8
Oct 6, 6:00 PM	0.0	0.0	7.7	23.7	1448.2	850.8
Oct 6, 7:00 PM	1.0	0.0	4.4	13.2	767.9	876.0

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 6, 8:00 PM	69.5	0.1	5.2	16.0	439.7	871.6
Oct 6, 9:00 PM	1.4	0.0	7.3	22.5	953.4	881.1
Oct 6, 10:00 PM	0.1	0.0	10.4	29.5	2236.0	893.1
Oct 6, 11:00 PM	43.6	0.1	10.8	34.0	1183.3	783.3
Oct 7, 12:00 AM	1.1	0.0	4.8	15.1	390.0	844.2
Oct 7, 1:00 AM	0.4	0.0	3.9	13.5	528.6	886.5
Oct 7, 2:00 AM	3.3	0.0	6.4	17.2	739.8	894.9
Oct 7, 3:00 AM	0.0	0.0	3.8	10.5	457.2	869.3
Oct 7, 4:00 AM	0.0	0.0	3.1	5.6	179.5	876.3
Oct 7, 5:00 AM	0.0	0.0	1.3	4.2	147.7	877.2
Oct 7, 6:00 AM	0.0	0.0	1.9	5.4	153.0	861.7
Oct 7, 7:00 AM	0.0	0.0	1.7	5.8	168.6	872.8
Oct 7, 8:00 AM	0.0	0.0	2.1	4.7	166.6	870.8
Oct 7, 9:00 AM	0.0	0.0	2.5	3.8	164.2	878.2
Oct 7, 10:00 AM	0.0	0.0	1.6	5.0	168.3	876.5
Oct 7, 11:00 AM	0.0	0.0	1.5	4.8	174.3	876.3
Oct 7, 12:00 PM	0.0	0.0	1.2	4.7	184.9	875.6
Oct 7, 1:00 PM	0.0	0.0	1.6	5.1	186.6	874.0
Oct 7, 2:00 PM	0.0	0.0	2.4	5.4	199.3	873.5
Oct 7, 3:00 PM	0.0	0.0	2.3	6.5	208.1	869.6
Oct 7, 4:00 PM	0.0	0.0	2.3	7.0	204.3	874.4
Oct 7, 5:00 PM	0.0	0.0	2.3	10.2	195.4	875.0
Oct 7, 6:00 PM	0.0	0.0	3.0	10.0	179.6	873.7
Oct 7, 7:00 PM	0.0	0.0	4.7	11.2	199.1	873.2
Oct 7, 8:00 PM	0.0	0.0	3.5	11.6	185.5	874.0
Oct 7, 9:00 PM	0.0	0.0	2.6	10.8	166.1	865.6
Oct 7, 10:00 PM	0.0	0.0	3.1	8.6	176.3	874.3
Oct 7, 11:00 PM	0.0	0.0	2.4	7.3	179.8	874.7

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 8, 12:00 AM	0.0	0.0	1.9	5.6	177.5	868.5
Oct 8, 1:00 AM	0.0	0.0	1.2	5.1	174.1	878.2
Oct 8, 2:00 AM	0.0	0.0	2.9	4.1	164.1	879.7
Oct 8, 3:00 AM	0.0	0.0	1.5	5.6	164.2	879.0
Oct 8, 4:00 AM	0.0	0.0	1.3	6.3	168.2	876.0
Oct 8, 5:00 AM	0.0	0.0	1.2	4.9	167.3	875.1
Oct 8, 6:00 AM	0.0	0.0	1.5	4.8	167.7	881.1
Oct 8, 7:00 AM	0.0	0.0	1.9	4.4	165.3	877.9
Oct 8, 8:00 AM	0.0	0.0	1.3	3.3	166.5	864.3
Oct 8, 9:00 AM	0.0	0.0	2.0	4.7	170.6	876.7
Oct 8, 10:00 AM	0.0	0.0	2.1	4.4	182.5	875.9
Oct 8, 11:00 AM	0.0	0.0	1.8	6.2	183.8	874.2
Oct 8, 12:00 PM	0.0	0.0	2.5	6.3	203.6	872.9
Oct 8, 1:00 PM	0.0	0.0	2.5	5.7	208.5	864.6
Oct 8, 2:00 PM	0.0	0.0	3.2	9.0	215.8	872.8
Oct 8, 3:00 PM	0.0	0.0	3.2	8.5	213.9	874.3
Oct 8, 4:00 PM	0.0	0.0	2.9	7.0	217.3	873.5
Oct 8, 5:00 PM	0.0	0.0	4.4	9.9	200.8	874.4
Oct 8, 6:00 PM	0.0	0.0	3.2	12.2	203.1	877.0
Oct 8, 7:00 PM	0.0	0.0	2.8	11.9	211.8	871.9
Oct 8, 8:00 PM	0.0	0.0	3.1	10.7	213.2	876.5
Oct 8, 9:00 PM	0.0	0.0	3.6	11.3	174.2	869.1
Oct 8, 10:00 PM	0.0	0.0	3.4	9.8	188.5	871.9
Oct 8, 11:00 PM	0.0	0.0	1.2	7.5	185.1	872.9
Oct 9, 12:00 AM	0.0	0.0	3.1	6.9	167.6	873.5
Oct 9, 1:00 AM	0.0	0.0	0.9	6.5	171.0	867.5
Oct 9, 2:00 AM	0.0	0.0	2.9	4.9	178.0	878.1
Oct 9, 3:00 AM	0.0	0.0	2.4	6.2	152.3	868.6

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 9, 4:00 AM	0.0	0.0	2.5	5.4	162.2	881.1
Oct 9, 5:00 AM	0.0	0.0	2.1	6.1	159.8	883.3
Oct 9, 6:00 AM	0.0	0.0	1.5	5.8	157.3	881.3
Oct 9, 7:00 AM	0.0	0.0	3.7	9.3	172.2	884.2
Oct 9, 8:00 AM	0.1	0.0	2.3	9.9	165.9	890.5
Oct 9, 9:00 AM	0.1					
Oct 9, 10:00 AM	0.0	0.0		5.8	177.4	861.3
Oct 9, 11:00 AM	0.0	0.0		5.0	183.5	880.7
Oct 9, 12:00 PM	0.0	0.0		4.9	185.4	880.3
Oct 9, 1:00 PM	0.0	0.0		7.4	186.1	862.7
Oct 9, 2:00 PM	0.0	0.0		8.0	179.8	875.7
Oct 9, 3:00 PM	0.0	0.0		8.3	181.5	871.8
Oct 9, 4:00 PM	0.0	0.0		8.4	186.8	876.9
Oct 9, 5:00 PM	0.0	0.0		9.4	185.9	876.2
Oct 9, 6:00 PM	0.0	0.0		10.7	194.1	880.0
Oct 9, 7:00 PM	0.0	0.0		9.8	192.5	881.0
Oct 9, 8:00 PM	0.0	0.0		9.7	199.0	876.6
Oct 9, 9:00 PM	0.0	0.0		9.0	141.7	879.6
Oct 9, 10:00 PM	0.0	0.0		7.6	164.7	870.2
Oct 9, 11:00 PM	0.0	0.0		6.9	174.3	879.0
Oct 10, 12:00 AM	0.0	0.0		6.4	178.1	879.2
Oct 10, 1:00 AM	0.0	0.0		6.0	168.7	878.6
Oct 10, 2:00 AM	0.0	0.0		4.6	150.0	879.5
Oct 10, 3:00 AM	0.0	0.0		5.8	167.3	881.1
Oct 10, 4:00 AM	0.0	0.0		5.4	175.3	866.9
Oct 10, 5:00 AM	0.0	0.0		5.6	178.7	882.7
Oct 10, 6:00 AM	0.0	0.0		5.2	176.9	883.4
Oct 10, 7:00 AM	0.0	0.0		5.3	170.9	876.4

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 10, 8:00 AM	0.0	0.0		5.4	179.2	880.9
Oct 10, 9:00 AM	0.0	0.0		5.2	163.4	872.0
Oct 10, 10:00 AM	0.0	0.0		4.8	203.7	877.1
Oct 10, 11:00 AM	0.0					
Oct 10, 12:00 PM	0.0	0.0	5.2	5.6	353.3	865.5
Oct 10, 1:00 PM	0.0	0.0	2.4	6.6	400.0	871.1
Oct 10, 2:00 PM	0.0	0.0	2.2	6.8	250.0	870.6
Oct 10, 3:00 PM	0.0	0.0	2.5	10.4	248.1	870.3
Oct 10, 4:00 PM	0.0	0.0	6.5	13.8	233.9	874.6
Oct 10, 5:00 PM	0.0	0.0	4.9	15.7	207.9	866.3
Oct 10, 6:00 PM	0.0	0.0	6.5	16.8	223.3	879.1
Oct 10, 7:00 PM	0.0	0.0	6.6	13.7	212.7	877.4
Oct 10, 8:00 PM	0.0	0.0	4.1	10.7	184.3	876.6
Oct 10, 9:00 PM	0.0	0.0	3.3	8.4	106.9	875.5
Oct 10, 10:00 PM	0.0	0.0	2.7	9.5	157.9	875.4
Oct 10, 11:00 PM	0.0	0.0	4.2	8.0	180.1	862.5
Oct 11, 12:00 AM	0.0	0.0	3.7	8.1	189.5	875.5
Oct 11, 1:00 AM	0.0	0.0	2.4	7.1	176.4	873.1
Oct 11, 2:00 AM	0.0	0.0	2.7	7.5	179.3	876.4
Oct 11, 3:00 AM	0.0	0.0	1.4	8.0	191.1	876.2
Oct 11, 4:00 AM	0.0	0.0	1.9	7.1	195.1	861.1
Oct 11, 5:00 AM	0.0	0.0	2.8	6.5	179.1	861.7
Oct 11, 6:00 AM	0.0	0.0	1.2	6.4	185.6	876.3
Oct 11, 7:00 AM	0.0	0.0	2.7	5.2	190.4	871.9
Oct 11, 8:00 AM	0.0	0.0	2.7	6.6	200.9	874.0
Oct 11, 9:00 AM	0.0	0.0	3.0	6.6	192.6	873.3
Oct 11, 10:00 AM	0.0	0.0	2.6	6.9	190.4	872.9
Oct 11, 11:00 AM	0.0	0.0	3.0	7.0	210.3	869.0



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 11, 12:00 PM	0.0	0.0	2.5	6.8	243.1	868.6
Oct 11, 1:00 PM	0.0	0.0	2.3	7.5	335.9	869.0
Oct 11, 2:00 PM	0.0	0.0	2.6	7.3	318.8	848.0
Oct 11, 3:00 PM	0.0	0.0	3.7	10.6	272.7	871.5
Oct 11, 4:00 PM	0.0	0.0	5.6	12.4	250.3	867.4
Oct 11, 5:00 PM	0.0	0.0	5.8	14.9	251.8	876.6
Oct 11, 6:00 PM	0.0	0.0	8.4	19.2	252.3	859.0
Oct 11, 7:00 PM	0.0	0.0	5.3	17.3	226.6	880.7
Oct 11, 8:00 PM	0.0	0.0	4.8	18.3	222.6	842.2
Oct 11, 9:00 PM	0.0	0.0	5.5	15.6	221.1	880.1
Oct 11, 10:00 PM	0.0	0.0	4.6	12.7	207.9	877.4
Oct 11, 11:00 PM	0.0	0.0	4.6	10.1	212.7	867.8
Oct 12, 12:00 AM	0.0	0.0	4.6	8.6	207.8	863.5
Oct 12, 1:00 AM	0.0	0.0	3.4	7.9	214.4	861.8
Oct 12, 2:00 AM	0.0	0.0	4.2	9.5	223.4	872.7
Oct 12, 3:00 AM	0.0	0.0	2.7	8.5	219.3	872.7
Oct 12, 4:00 AM	0.0	0.0	3.9	6.9	213.1	874.2
Oct 12, 5:00 AM	0.0	0.0	4.3	6.6	171.5	875.2
Oct 12, 6:00 AM	0.0	0.0	3.1	6.2	156.6	868.8
Oct 12, 7:00 AM	0.0	0.0	2.2	6.8	176.8	877.4
Oct 12, 8:00 AM	0.0	0.0	1.4	5.8	175.2	863.3
Oct 12, 9:00 AM	0.0	0.0	3.6	6.7	175.9	857.5
Oct 12, 10:00 AM	0.0	0.0	3.6	6.5	192.0	866.5
Oct 12, 11:00 AM	0.0	0.0	3.1	6.8	207.3	870.8
Oct 12, 12:00 PM	0.0	0.0	2.7	5.6	228.3	871.6
Oct 12, 1:00 PM	36.3	0.0	3.8	13.0	378.5	881.2
Oct 12, 2:00 PM	0.0	0.0	3.6	6.3	306.9	871.4
Oct 12, 3:00 PM	0.0	0.0	1.6	6.2	259.7	866.0

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 12, 4:00 PM	0.0	0.0	1.9	6.5	207.0	871.2
Oct 12, 5:00 PM	0.0	0.0	1.8	8.8	198.4	872.9
Oct 12, 6:00 PM	0.0	0.0	3.3	10.9	239.3	870.3
Oct 12, 7:00 PM	0.0	0.0	2.5	9.9	233.1	876.9
Oct 12, 8:00 PM	0.0	0.0	4.8	8.7	201.0	873.1
Oct 12, 9:00 PM	0.0	0.0	3.6	8.6	127.8	875.7
Oct 12, 10:00 PM	0.0	0.0	2.8	7.4	177.1	875.3
Oct 12, 11:00 PM	0.0	0.0	2.9	7.7	177.1	876.1
Oct 13, 12:00 AM	0.0	0.0	1.6	6.9	177.8	874.2
Oct 13, 1:00 AM	0.0	0.0	3.1	6.5	179.9	874.6
Oct 13, 2:00 AM	0.0	0.0	2.8	7.0	185.8	878.8
Oct 13, 3:00 AM	0.0	0.0	2.0	6.1	180.0	859.1
Oct 13, 4:00 AM	0.0	0.0	2.2	5.0	183.8	868.8
Oct 13, 5:00 AM	0.0	0.0	2.1	5.5	184.2	877.8
Oct 13, 6:00 AM	0.0	0.0	2.3	6.8	180.6	880.2
Oct 13, 7:00 AM	0.0	0.0	2.4	6.2	191.2	880.0
Oct 13, 8:00 AM	0.0	0.0	2.6	4.5	189.6	852.4
Oct 13, 9:00 AM	0.0	0.0	1.9	5.3	173.0	880.3
Oct 13, 10:00 AM	0.0	0.0	3.0	6.7	182.1	875.9
Oct 13, 11:00 AM	0.0	0.0	2.0	5.8	192.7	873.6
Oct 13, 12:00 PM	0.0	0.0	1.6	4.5	198.0	877.9
Oct 13, 1:00 PM	0.0	0.0	2.4	5.0	205.1	872.8
Oct 13, 2:00 PM	0.0	0.0	3.2	4.6	198.5	875.7
Oct 13, 3:00 PM	0.0	0.0	2.4	4.7	198.7	877.2
Oct 13, 4:00 PM	0.0	0.0	1.4	3.8	222.4	878.6
Oct 13, 5:00 PM	0.0	0.0	3.0	3.8	186.8	877.0
Oct 13, 6:00 PM	0.0	0.0	2.9	5.6	167.0	877.9
Oct 13, 7:00 PM	0.0	0.0	2.7	6.0	169.8	876.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 13, 8:00 PM	0.0	0.0	2.4	5.1	167.4	805.9
Oct 13, 9:00 PM	0.0	0.0	2.4	5.4	189.1	879.6
Oct 13, 10:00 PM	0.0	0.0	2.1	4.8	184.4	880.5
Oct 13, 11:00 PM	0.0	0.0	2.3	4.3	191.4	880.0
Oct 14, 12:00 AM	0.0	0.0	3.8	4.3	189.0	883.2
Oct 14, 1:00 AM	0.0	0.0	0.9	4.1	180.9	883.2
Oct 14, 2:00 AM	0.0	0.0	3.1	4.1	159.8	885.8
Oct 14, 3:00 AM	0.0	0.0	1.4	3.3	168.0	883.3
Oct 14, 4:00 AM	0.0	0.0	4.2	3.7	173.9	888.8
Oct 14, 5:00 AM	0.0	0.0	1.8	4.5	176.4	886.2
Oct 14, 6:00 AM	0.0	0.0	2.2	4.3	167.2	888.8
Oct 14, 7:00 AM	0.0	0.0	2.0	4.1	174.5	888.5
Oct 14, 8:00 AM	0.0	0.0	1.4	4.0	185.7	886.0
Oct 14, 9:00 AM	0.3	0.0	1.7	4.8	174.9	884.4
Oct 14, 10:00 AM	0.0	0.0	4.4	7.4	231.4	894.6
Oct 14, 11:00 AM	0.0	0.0	2.1	6.2	206.6	888.2
Oct 14, 12:00 PM	0.0	0.0	2.9	5.8	376.7	884.7
Oct 14, 1:00 PM	0.0	0.0	2.0	4.8	282.4	869.9
Oct 14, 2:00 PM	0.0	0.0	2.1	4.8	186.3	881.0
Oct 14, 3:00 PM	0.0	0.0	4.2	4.8	213.7	875.5
Oct 14, 4:00 PM	0.0	0.0	1.3	4.4	160.7	880.7
Oct 14, 5:00 PM	0.0	0.0	3.4	5.3	155.3	877.4
Oct 14, 6:00 PM	0.0	0.0	3.8	7.0	204.3	881.1
Oct 14, 7:00 PM	0.0	0.0	2.2	7.9	145.5	883.5
Oct 14, 8:00 PM	0.0	0.0	2.4	6.2	162.2	884.8
Oct 14, 9:00 PM	0.0	0.0	3.2	6.6	194.7	884.4
Oct 14, 10:00 PM	0.0	0.0	4.1	6.7	122.8	883.2
Oct 14, 11:00 PM	0.0	0.0	1.4	5.6	124.8	882.3

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 15, 12:00 AM	0.0	0.0	2.6	3.8	141.3	877.3
Oct 15, 1:00 AM	0.0	0.0	2.5	4.7	160.4	881.0
Oct 15, 2:00 AM	0.0	0.0	2.9	3.8	259.1	876.6
Oct 15, 3:00 AM	0.0	0.0	3.8	3.9	292.7	881.9
Oct 15, 4:00 AM	0.0	0.0	1.7	3.5	161.8	880.7
Oct 15, 5:00 AM	0.0	0.0	1.5	3.6	115.5	883.1
Oct 15, 6:00 AM	0.0	0.0	1.2	4.8	170.4	880.5
Oct 15, 7:00 AM	0.0	0.0	1.3	5.3	246.8	879.0
Oct 15, 8:00 AM	0.1	0.0	2.3	4.3	150.2	881.3
Oct 15, 9:00 AM	0.0	0.0	3.1	5.4	177.5	881.2
Oct 15, 10:00 AM	0.0	0.0	2.1	4.6	171.9	884.2
Oct 15, 11:00 AM	0.0	0.0	1.7	2.7	87.0	891.4
Oct 15, 12:00 PM	0.0	0.0	1.9	2.5	109.8	892.9
Oct 15, 1:00 PM	0.0	0.0	2.1	3.7	96.7	841.4
Oct 15, 2:00 PM		1.2	1.3	3.7	165.8	891.1
Oct 15, 3:00 PM	0.1	0.0	3.0	3.6	258.9	877.6
Oct 15, 4:00 PM	0.0	0.0	1.9	3.1	151.3	885.2
Oct 15, 5:00 PM	0.1	0.0	3.1	4.2	79.7	893.6
Oct 15, 6:00 PM	0.0	0.0	1.5	5.7	106.1	886.5
Oct 15, 7:00 PM	0.0	0.0	1.7	5.1	128.5	891.9
Oct 15, 8:00 PM	0.3	0.0	2.1	3.9	126.5	895.7
Oct 15, 9:00 PM	0.0	0.0	2.0	4.9	135.3	892.7
Oct 15, 10:00 PM	0.1	0.0	2.4	4.4	132.8	895.2
Oct 15, 11:00 PM	0.0	0.0	2.6	3.4	133.9	895.1
Oct 16, 12:00 AM	0.3	0.0	1.9	2.8	140.0	896.6
Oct 16, 1:00 AM	0.4	0.0	2.2	2.7	104.8	897.9
Oct 16, 2:00 AM	0.5	0.0	2.0	2.9	126.4	891.6
Oct 16, 3:00 AM	0.3	0.0	1.7	3.1	124.8	895.8

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 16, 4:00 AM	0.3	0.0	1.0	3.0	119.6	897.0
Oct 16, 5:00 AM	0.1	0.0	1.4	3.6	130.2	895.3
Oct 16, 6:00 AM	0.4	0.0	1.0	2.7	134.3	895.7
Oct 16, 7:00 AM	0.0	0.0	1.1	2.4	132.4	896.6
Oct 16, 8:00 AM	0.0	0.0	0.9	3.2	132.0	894.1
Oct 16, 9:00 AM	0.1	0.0	2.1	3.8	109.2	892.1
Oct 16, 10:00 AM	0.1	0.0	1.5	3.9	137.1	892.6
Oct 16, 11:00 AM	0.0	0.0	3.7	3.3	145.2	893.8
Oct 16, 12:00 PM	0.0	0.0	1.1	3.3	136.2	871.6
Oct 16, 1:00 PM	0.0	0.0	2.4	2.9	138.0	892.1
Oct 16, 2:00 PM	0.2	0.0	2.9	3.0	168.3	894.7
Oct 16, 3:00 PM	0.0	0.0	1.6	3.7	269.0	894.3
Oct 16, 4:00 PM	0.0	0.0	1.1	3.3	141.4	881.4
Oct 16, 5:00 PM	0.0	0.0	2.7	5.8	84.6	889.2
Oct 16, 6:00 PM	0.0	0.0	4.0	7.5	118.4	899.6
Oct 16, 7:00 PM	0.0	0.0	2.9	8.3	136.4	900.2
Oct 16, 8:00 PM	0.0	0.0	3.3	5.3	126.9	896.8
Oct 16, 9:00 PM	0.0	0.0	1.6	4.6	110.5	894.3
Oct 16, 10:00 PM	0.0	0.0	1.0	3.9	112.5	890.4
Oct 16, 11:00 PM	0.1	0.0	1.3	3.4	113.8	894.2
Oct 17, 12:00 AM	0.0	0.0	1.8	2.8	109.0	890.9
Oct 17, 1:00 AM	0.0	0.0	1.8	2.9	111.1	894.1
Oct 17, 2:00 AM	0.0	0.0	0.8	2.7	119.8	894.2
Oct 17, 3:00 AM	0.0	0.0	2.7	3.3	126.9	895.0
Oct 17, 4:00 AM	0.0	0.0	2.7	4.1	126.9	896.0
Oct 17, 5:00 AM	0.0	0.0	2.1	2.6	127.9	896.3
Oct 17, 6:00 AM	0.2	0.0	1.3	3.8	124.9	896.3
Oct 17, 7:00 AM	0.0	0.0	1.2	2.8	120.5	896.3

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 17, 8:00 AM	0.0	0.0	0.7	3.1	115.8	894.6
Oct 17, 9:00 AM	0.0	0.0	1.4	4.4	122.3	894.0
Oct 17, 10:00 AM	0.0	0.0	0.8	3.4	133.7	894.6
Oct 17, 11:00 AM	0.0	0.0	1.8	2.7	134.0	891.0
Oct 17, 12:00 PM	0.0	0.0	0.8	2.9	140.0	891.5
Oct 17, 1:00 PM	0.0	0.0	2.7	2.9	187.2	888.1
Oct 17, 2:00 PM	0.0	0.0	1.1	3.4	260.1	888.4
Oct 17, 3:00 PM	0.0	0.0	3.0	4.2	197.7	888.4
Oct 17, 4:00 PM	0.0	0.0	3.3	7.8	174.4	888.1
Oct 17, 5:00 PM	0.0	0.0	2.5	9.9	165.3	893.6
Oct 17, 6:00 PM	0.0	0.0	2.7	9.0	146.8	892.1
Oct 17, 7:00 PM	0.1	0.0	2.7	6.6	147.4	890.3
Oct 17, 8:00 PM	0.1	0.0	2.8	5.2	150.1	890.9
Oct 17, 9:00 PM	0.0	0.0	2.0	5.1	90.8	891.7
Oct 17, 10:00 PM	0.1	0.0	1.2	4.5	107.8	882.9
Oct 17, 11:00 PM	0.1	0.0	1.6	3.4	123.5	886.4
Oct 18, 12:00 AM	0.2	0.0	1.3	3.3	116.0	890.6
Oct 18, 1:00 AM	0.0	0.0	1.3	2.1	109.5	891.5
Oct 18, 2:00 AM	0.1	0.0	1.3	3.1	108.4	887.6
Oct 18, 3:00 AM	0.3	0.0	1.4	2.0	111.4	883.9
Oct 18, 4:00 AM	0.2	0.0	3.0	3.0	111.4	886.7
Oct 18, 5:00 AM	0.4	0.0	0.8	2.9	112.3	892.2
Oct 18, 6:00 AM	0.0	0.0	2.4	2.9	108.7	888.5
Oct 18, 7:00 AM	0.1	0.0	1.3	3.0	115.7	890.2
Oct 18, 8:00 AM	0.2	0.0	1.5	2.4	108.8	890.6
Oct 18, 9:00 AM	0.0	0.0	1.8	3.3	109.4	891.2
Oct 18, 10:00 AM	0.0	0.0	1.5	2.8	116.3	891.0
Oct 18, 11:00 AM	0.1	0.0	1.6	2.5	115.8	869.5

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 18, 12:00 PM	0.0	0.0	1.6	3.0	133.3	889.9
Oct 18, 1:00 PM	0.0	0.0	1.4	3.4	143.4	884.6
Oct 18, 2:00 PM	0.0	0.0	2.6	3.9	182.7	887.9
Oct 18, 3:00 PM	0.0	0.0	1.7	4.0	246.4	883.2
Oct 18, 4:00 PM	0.0	0.0	2.1	4.6	212.5	887.4
Oct 18, 5:00 PM	0.0	0.0	2.6	6.5	168.0	872.8
Oct 18, 6:00 PM	0.0	0.0	4.4	10.2	181.1	891.9
Oct 18, 7:00 PM	0.0	0.0	2.7	10.0	160.0	889.0
Oct 18, 8:00 PM	0.2	0.0	2.1	7.4	162.8	894.9
Oct 18, 9:00 PM	0.0	0.0	2.1	6.1	129.3	883.5
Oct 18, 10:00 PM	0.0	0.0	1.6	4.9	87.5	891.9
Oct 18, 11:00 PM	0.0	0.0	0.8	3.9	113.0	888.4
Oct 19, 12:00 AM	0.2	0.0	2.9	3.0	116.9	885.1
Oct 19, 1:00 AM	0.1	0.0	1.6	3.5	125.8	891.7
Oct 19, 2:00 AM	0.0	0.0	1.7	2.4	122.8	893.8
Oct 19, 3:00 AM	0.0	0.0	2.5	2.2	118.0	897.2
Oct 19, 4:00 AM	0.0	0.0	1.9	2.5	121.7	892.4
Oct 19, 5:00 AM	0.0	0.0	1.8	3.0	117.4	898.1
Oct 19, 6:00 AM	0.0	0.0	2.0	2.3	115.3	899.0
Oct 19, 7:00 AM	0.1	0.0	1.1	2.9	114.8	898.2
Oct 19, 8:00 AM	0.1	0.0	1.3	3.2	113.0	900.6
Oct 19, 9:00 AM	0.0	0.0	1.6	3.4	109.2	895.3
Oct 19, 10:00 AM	0.0	0.0	2.6	3.5	118.5	893.4
Oct 19, 11:00 AM	0.0	0.0	0.9	2.5	129.0	895.5
Oct 19, 12:00 PM	0.0	0.0	2.2	3.3	159.2	892.0
Oct 19, 1:00 PM	0.0	0.0	1.8	2.8	196.6	890.7
Oct 19, 2:00 PM	0.0	0.0	2.4	3.7	235.1	882.9
Oct 19, 3:00 PM	0.0	0.0	1.9	5.9	203.3	889.3

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 19, 4:00 PM	0.0	0.0	5.7	9.3	182.9	863.1
Oct 19, 5:00 PM	0.0	0.0	5.3	12.7	180.0	900.3
Oct 19, 6:00 PM	0.0	0.0	6.6	17.2	179.6	901.1
Oct 19, 7:00 PM	0.0	0.0	7.6	16.2	118.6	905.0
Oct 19, 8:00 PM	0.0	0.0	4.6	12.7	137.7	894.6
Oct 19, 9:00 PM	0.1	0.0	3.9	9.6	197.5	895.1
Oct 19, 10:00 PM	0.0	0.0	2.9	7.6	141.5	895.2
Oct 19, 11:00 PM	0.3	0.0	1.7	6.1	102.8	893.2
Oct 20, 12:00 AM	0.0	0.0	5.1	4.7	123.6	895.5
Oct 20, 1:00 AM	0.2	0.0	1.7	4.1	126.9	895.2
Oct 20, 2:00 AM	0.3	0.0	0.9	3.3	123.6	890.6
Oct 20, 3:00 AM	0.3	0.0	1.5	3.1	122.6	889.2
Oct 20, 4:00 AM	0.1	0.0	1.7	2.7	122.2	891.7
Oct 20, 5:00 AM	0.2	0.0	2.1	3.8	119.1	893.2
Oct 20, 6:00 AM	0.1	0.0	0.9	4.0	118.5	897.1
Oct 20, 7:00 AM	0.4	0.0	1.4	2.7	122.9	896.2
Oct 20, 8:00 AM	0.1	0.0	1.4	3.4	118.9	895.7
Oct 20, 9:00 AM	0.1	0.0	3.4	3.0	110.8	895.9
Oct 20, 10:00 AM	0.0	0.0	2.1	3.2	128.8	894.0
Oct 20, 11:00 AM	0.0	0.0	1.4	4.0	135.9	891.9
Oct 20, 12:00 PM	0.0	0.0	1.1	3.2	146.7	889.1
Oct 20, 1:00 PM	0.0	0.0	1.6	4.1	168.5	891.1
Oct 20, 2:00 PM	0.0	0.0	2.0	4.4	226.5	861.4
Oct 20, 3:00 PM	0.0	0.0	2.5	5.3	211.7	889.0
Oct 20, 4:00 PM	0.0	0.0	1.1	4.8	167.4	886.1
Oct 20, 5:00 PM	0.0	0.0	4.2	6.9	159.0	891.1
Oct 20, 6:00 PM	0.0	0.0	3.2	11.9	180.6	898.3
Oct 20, 7:00 PM	0.1	0.0	4.8	10.8	174.6	896.6



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 20, 8:00 PM	0.0	0.0	4.6	9.0	150.0	895.7
Oct 20, 9:00 PM	0.0	0.0	3.6	8.9	144.5	897.1
Oct 20, 10:00 PM	1.3	0.0	2.3	7.7	137.4	891.5
Oct 20, 11:00 PM	9.2	0.0	11.0	16.9	1369.1	938.6
Oct 21, 12:00 AM	2.8	0.0	2.5	6.4	247.4	880.8
Oct 21, 1:00 AM	0.0	0.0	1.7	3.9	111.9	892.0
Oct 21, 2:00 AM	0.2	0.0	1.9	2.7	136.7	891.7
Oct 21, 3:00 AM	0.3	0.0	2.4	3.2	147.1	866.9
Oct 21, 4:00 AM	0.0	0.0	2.4	3.3	144.9	889.2
Oct 21, 5:00 AM	0.1	0.0	1.1	3.3	139.6	886.0
Oct 21, 6:00 AM	1.0	0.0	0.9	2.9	136.5	890.1
Oct 21, 7:00 AM	0.7	0.0	1.6	3.4	127.8	885.3
Oct 21, 8:00 AM	0.3	0.0	1.1	4.4	123.8	893.6
Oct 21, 9:00 AM	0.0	0.0	1.1	4.1	129.3	890.8
Oct 21, 10:00 AM	0.1	0.0	2.0	3.2	140.1	888.5
Oct 21, 11:00 AM	0.0	0.0	2.1	3.9	143.9	886.1
Oct 21, 12:00 PM	0.0	0.0	0.8	4.4	159.8	885.3
Oct 21, 1:00 PM	0.0	0.0	1.3	4.5	223.2	882.7
Oct 21, 2:00 PM	0.0	0.0	2.7	5.6	208.4	876.5
Oct 21, 3:00 PM	0.0	0.0	1.7	7.1	179.7	883.4
Oct 21, 4:00 PM	0.0	0.0	2.3	9.4	163.1	885.2
Oct 21, 5:00 PM	0.1	0.0	6.4	9.6	162.0	884.3
Oct 21, 6:00 PM	0.0	0.0	4.9	9.9	162.2	888.7
Oct 21, 7:00 PM	0.3	0.0	3.6	8.5	142.9	886.8
Oct 21, 8:00 PM	0.1	0.0	3.9	7.7	131.3	889.1
Oct 21, 9:00 PM	0.0	0.0	4.9	10.0	143.6	889.0
Oct 21, 10:00 PM	0.6	0.0	4.1	9.7	140.5	894.5
Oct 21, 11:00 PM	0.0	0.0	4.0	6.8	135.9	885.0

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 22, 12:00 AM	0.1	0.0	1.4	4.6	127.2	887.4
Oct 22, 1:00 AM	0.3	0.0	1.8	4.0	131.8	888.6
Oct 22, 2:00 AM	0.3	0.0	2.2	3.3	102.1	888.6
Oct 22, 3:00 AM	0.5	0.0	2.0	3.4	82.9	889.6
Oct 22, 4:00 AM	0.2	0.0	1.5	3.0	104.4	888.1
Oct 22, 5:00 AM	0.2	0.0	1.0	4.4	113.1	886.9
Oct 22, 6:00 AM	0.1	0.0	1.2	3.3	108.1	871.4
Oct 22, 7:00 AM	0.0	0.0	2.8	3.0	112.3	889.7
Oct 22, 8:00 AM	0.1	0.0	2.2	2.9	114.7	885.3
Oct 22, 9:00 AM	0.1	0.0	2.3	2.7	120.5	891.2
Oct 22, 10:00 AM	0.0	0.0	1.7	3.8	135.6	890.0
Oct 22, 11:00 AM	0.0	0.0	2.4	4.0	137.3	875.4
Oct 22, 12:00 PM	0.0	0.0	1.6	3.7	154.3	887.1
Oct 22, 1:00 PM	0.0	0.0	1.3	3.6	174.1	863.4
Oct 22, 2:00 PM	0.1	0.0	1.7	4.5	207.8	886.2
Oct 22, 3:00 PM	0.0	0.0	4.5	6.5	231.8	886.8
Oct 22, 4:00 PM	0.0	0.0	4.6	10.8	211.7	891.5
Oct 22, 5:00 PM	0.0	0.0	3.7	14.4	198.3	886.5
Oct 22, 6:00 PM	0.1	0.0	5.0	15.5	188.9	898.3
Oct 22, 7:00 PM	0.0	0.0	4.3	13.5	159.5	888.3
Oct 22, 8:00 PM	0.0	0.0	4.8	9.6	154.3	892.5
Oct 22, 9:00 PM	0.7	0.0	3.9	12.0	385.1	915.4
Oct 22, 10:00 PM	3.4	0.0	5.1	12.1	504.2	903.2
Oct 22, 11:00 PM	0.0	0.0	3.3	6.8	189.4	887.4
Oct 23, 12:00 AM	0.1	0.0	2.3	6.0	191.0	854.8
Oct 23, 1:00 AM	0.1	0.0	1.6	4.2	171.5	889.4
Oct 23, 2:00 AM	0.5	0.0	1.9	4.6	141.3	891.2
Oct 23, 3:00 AM	0.5	0.0	3.2	3.5	92.9	883.4

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 23, 4:00 AM	0.3	0.0	0.8	3.5	111.9	877.0
Oct 23, 5:00 AM	0.1	0.0	1.6	3.2	133.5	882.4
Oct 23, 6:00 AM	0.2	0.0	2.0	4.8	121.4	882.2
Oct 23, 7:00 AM	0.0	0.0	2.4	4.5	134.5	895.5
Oct 23, 8:00 AM	0.2	0.0	1.1	4.7	132.5	894.8
Oct 23, 9:00 AM	0.1	0.0	1.4	4.8	130.1	891.2
Oct 23, 10:00 AM	0.3	0.0	1.2	4.5	136.2	890.8
Oct 23, 11:00 AM	0.4	0.0	1.3	4.1	138.6	886.2
Oct 23, 12:00 PM	0.0	0.0	3.0	4.6	142.3	888.1
Oct 23, 1:00 PM	0.2	0.0	1.6	3.6	143.9	885.3
Oct 23, 2:00 PM	0.2	0.0	2.7	3.9	149.1	888.7
Oct 23, 3:00 PM	0.2	0.0	3.3	3.6	140.6	889.3
Oct 23, 4:00 PM	0.1	0.0	1.1	3.4	145.3	887.3
Oct 23, 5:00 PM	0.3	0.0	1.8	3.9	135.9	842.3
Oct 23, 6:00 PM	0.1	0.0	1.4	4.7	142.0	893.4
Oct 23, 7:00 PM	0.3	0.0	1.5	4.5	146.4	895.5
Oct 23, 8:00 PM	0.1	0.0	1.9	3.9	122.7	895.1
Oct 23, 9:00 PM	0.2	0.0	1.7	4.3	108.4	897.6
Oct 23, 10:00 PM	0.1	0.0	1.6	4.8	116.0	897.7
Oct 23, 11:00 PM	0.1	0.0	2.6	3.0	116.3	876.8
Oct 24, 12:00 AM	0.0	0.0	2.2	3.5	114.7	901.5
Oct 24, 1:00 AM	0.0	0.0	1.0	2.8	123.0	893.9
Oct 24, 2:00 AM	0.0	0.0	1.4	2.5	110.3	899.5
Oct 24, 3:00 AM	0.0	0.0	1.3	2.4	109.9	895.3
Oct 24, 4:00 AM	0.0	0.0	1.2	3.2	109.9	901.6
Oct 24, 5:00 AM	0.1	0.0	2.3	2.1	109.2	899.9
Oct 24, 6:00 AM	0.0	0.0	1.7	2.7	112.6	899.5
Oct 24, 7:00 AM	0.0	0.0	1.1	2.6	112.3	897.4

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 24, 8:00 AM	0.0	0.0	1.8	2.5	105.7	894.7
Oct 24, 9:00 AM	36.5	0.0	5.3	14.2	1066.5	989.9
Oct 24, 10:00 AM	1.3	0.0	12.9	30.1	913.4	1018.3
Oct 24, 11:00 AM	0.0	0.0	8.7	31.6	777.8	996.6
Oct 24, 12:00 PM	0.0	0.0	7.3	24.7	491.0	946.8
Oct 24, 1:00 PM	20.0	0.0	5.9	20.1	378.9	935.2
Oct 24, 2:00 PM	93.5	0.4	24.0	58.5	1253.7	1044.2
Oct 24, 3:00 PM	7.9	0.0	30.1	53.7	2303.6	1132.5
Oct 24, 4:00 PM	2.6	0.0	35.9	47.3	1747.0	1157.5
Oct 24, 5:00 PM	3.5	0.0	18.7	29.4	678.7	1000.4
Oct 24, 6:00 PM	0.0	0.0	6.7	20.2	189.2	916.0
Oct 24, 7:00 PM	22.6	0.0	6.4	19.8	184.0	909.9
Oct 24, 8:00 PM	1.0	0.0	8.2	25.4	416.7	948.3
Oct 24, 9:00 PM	0.0	0.0	14.0	40.3	830.2	991.9
Oct 24, 10:00 PM	0.1	0.0	13.5	44.9	873.5	1016.7
Oct 24, 11:00 PM	0.2	0.0	13.5	40.6	793.1	1009.1
Oct 25, 12:00 AM	0.7	0.0	15.2	43.4	835.0	1015.4
Oct 25, 1:00 AM	0.3	0.0	12.7	36.1	734.2	993.6
Oct 25, 2:00 AM	0.6	0.0	5.4	12.9	258.1	919.4
Oct 25, 3:00 AM	0.5	0.0	1.4	5.6	99.5	897.8
Oct 25, 4:00 AM	0.2	0.0	2.1	4.6	85.1	897.6
Oct 25, 5:00 AM	0.1	0.0	2.4	4.0	150.7	896.4
Oct 25, 6:00 AM	0.6	0.0	2.4	4.6	126.0	897.0
Oct 25, 7:00 AM	0.0	0.0	3.0	5.6	117.0	895.2
Oct 25, 8:00 AM	0.0	0.0	1.9	3.5	148.4	895.0
Oct 25, 9:00 AM	0.0	0.0	3.1	5.7	138.8	893.4
Oct 25, 10:00 AM	0.2	0.0	3.2	4.4	111.8	896.3
Oct 25, 11:00 AM	0.2	0.0	1.8	3.9	166.9	894.6

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 25, 12:00 PM	0.1	0.0	1.3	4.3	120.2	895.4
Oct 25, 1:00 PM	0.1	0.0	2.0	4.4	120.5	897.3
Oct 25, 2:00 PM	0.0	0.0	2.2	4.8	162.9	895.1
Oct 25, 3:00 PM	0.0	0.0	2.4	3.4	138.8	891.1
Oct 25, 4:00 PM	0.0	0.0	2.4	5.2	135.1	890.3
Oct 25, 5:00 PM	0.0	0.0	2.3	6.9	121.1	889.0
Oct 25, 6:00 PM	0.0	0.0	2.4	5.4	89.3	892.4
Oct 25, 7:00 PM	0.0	0.0	1.2	5.4	77.3	891.9
Oct 25, 8:00 PM	0.0	0.0	1.7	4.3	97.6	891.3
Oct 25, 9:00 PM	0.1	0.0	1.9	6.0	121.9	891.1
Oct 25, 10:00 PM	0.1	0.0	1.8	6.0	173.5	887.7
Oct 25, 11:00 PM	0.2	0.0	2.3	5.9	171.6	892.2
Oct 26, 12:00 AM	0.0	0.0	2.1	5.5	116.5	892.4
Oct 26, 1:00 AM	0.1	0.0	1.2	4.6	109.7	896.3
Oct 26, 2:00 AM	0.3	0.0	3.2	4.3	115.5	886.8
Oct 26, 3:00 AM	0.0	0.0	1.8	4.8	115.8	892.0
Oct 26, 4:00 AM	0.1	0.0	1.8	4.8	84.5	899.5
Oct 26, 5:00 AM	0.0	0.0	3.5	4.9	81.7	901.1
Oct 26, 6:00 AM	0.0	0.0	1.1	4.3	99.5	900.7
Oct 26, 7:00 AM	0.2	0.0	2.2	4.4	75.2	902.6
Oct 26, 8:00 AM	0.2	0.0	2.7	4.2	96.7	901.2
Oct 26, 9:00 AM	0.5	0.0	1.4	4.7	104.8	900.1
Oct 26, 10:00 AM	0.0	0.0	0.9	4.8	105.5	899.4
Oct 26, 11:00 AM	0.0	0.0	1.2	4.6	131.8	896.1
Oct 26, 12:00 PM	0.0	0.0	1.8	5.3	204.8	893.6
Oct 26, 1:00 PM	0.0	0.0	2.2	5.4	176.3	888.6
Oct 26, 2:00 PM	0.0	0.0	1.7	5.3	141.3	893.7
Oct 26, 3:00 PM	0.1	0.0	2.0	6.8	113.7	896.0

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 26, 4:00 PM	0.0	0.0	1.6	7.6	102.0	897.1
Oct 26, 5:00 PM	0.0	0.0	2.3	7.3	161.7	894.6
Oct 26, 6:00 PM	0.0	0.0	2.5	6.4	131.2	897.1
Oct 26, 7:00 PM	0.0	0.0	2.7	5.7	96.3	894.3
Oct 26, 8:00 PM	0.0	0.0	2.6	5.5	126.7	889.2
Oct 26, 9:00 PM	0.0	0.0	3.7	6.0	149.7	895.8
Oct 26, 10:00 PM	0.0	0.0	2.0	5.0	106.6	894.6
Oct 26, 11:00 PM	0.1	0.0	2.6	5.0	118.0	894.9
Oct 27, 12:00 AM	0.0	0.0	2.2	4.2	112.1	897.7
Oct 27, 1:00 AM	0.0	0.0	1.5	5.0	102.0	879.8
Oct 27, 2:00 AM	0.0	0.0	1.9	4.7	93.9	875.4
Oct 27, 3:00 AM	0.0	0.0	2.0	4.7	106.2	896.4
Oct 27, 4:00 AM	0.0	0.0	0.9	4.7	126.2	895.9
Oct 27, 5:00 AM	0.0	0.0	1.9	3.8	116.3	889.3
Oct 27, 6:00 AM	0.0	0.0	1.7	4.0	97.2	897.2
Oct 27, 7:00 AM	0.0	0.0	2.1	4.0	122.9	886.0
Oct 27, 8:00 AM	0.0	0.0	1.7	3.6	100.3	894.6
Oct 27, 9:00 AM	0.0	0.0	1.2	4.5	99.3	895.2
Oct 27, 10:00 AM	76.6	0.2	15.9	47.0	1817.9	1042.2
Oct 27, 11:00 AM	198.5	0.9	32.2	75.8	1993.7	1146.0
Oct 27, 12:00 PM	135.2	1.5	31.8	58.6	4550.4	1110.4
Oct 27, 1:00 PM	71.2	1.3	52.2	98.2	6360.6	1231.5
Oct 27, 2:00 PM	37.0	0.7	50.1	86.0	6522.7	1180.4
Oct 27, 3:00 PM	149.9	1.9	49.0	88.8	5016.9	1192.1
Oct 27, 4:00 PM	130.6	1.7	48.7	120.3	4499.9	1428.8
Oct 27, 5:00 PM	36.8	0.2	13.9	76.7	2338.9	1769.4
Oct 27, 6:00 PM	130.2	1.4	24.9	77.2	3368.5	1496.1
Oct 27, 7:00 PM	245.0	3.8	33.6	80.5	5700.2	1582.0

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 27, 8:00 PM	86.8	1.1	18.2	81.8	4275.3	1983.4
Oct 27, 9:00 PM	14.2	0.1	6.4	87.8	2742.9	2239.2
Oct 27, 10:00 PM	56.5	0.6	19.0	97.4	3312.1	1955.3
Oct 27, 11:00 PM	14.2	0.2	45.6	104.3	3823.1	1796.8
Oct 28, 12:00 AM	51.5	0.6	74.5	110.1	4328.1	1655.8
Oct 28, 1:00 AM	579.0	7.1	83.5	111.8	4315.1	1605.7
Oct 28, 2:00 AM	787.4	8.9	76.6	102.8	4007.3	1560.0
Oct 28, 3:00 AM	838.3	10.9	73.2	109.1	4602.7	1496.0
Oct 28, 4:00 AM	903.7	9.6	70.0	91.5	3723.7	1440.7
Oct 28, 5:00 AM	792.6	7.1	60.9	80.6	3164.7	1341.6
Oct 28, 6:00 AM	646.3	7.0	62.4	90.9	3865.4	1396.0
Oct 28, 7:00 AM	69.3	0.8	66.9	97.8	3809.7	1414.8
Oct 28, 8:00 AM	18.4	0.2	67.1	102.7	3732.6	1403.8
Oct 28, 9:00 AM	9.7	0.1	69.0	103.7	3611.7	1386.4
Oct 28, 10:00 AM	12.9	0.1	68.1	105.8	3497.5	1367.9
Oct 28, 11:00 AM	12.9	0.1	65.5	114.1	3287.7	1330.7
Oct 28, 12:00 PM	345.0	3.6	67.5	124.5	3502.9	1318.5
Oct 28, 1:00 PM	731.5	7.7	72.8	139.4	3634.5	1324.1
Oct 28, 2:00 PM	712.8	7.9	74.6	151.6	3811.1	1353.9
Oct 28, 3:00 PM	230.4	2.4	69.1	139.3	3504.7	1329.2
Oct 28, 4:00 PM	170.0	1.6	67.4	141.8	3338.5	1302.2
Oct 28, 5:00 PM	431.8	4.2	75.2	164.9	3261.6	1323.4
Oct 28, 6:00 PM	11.5	0.1	72.6	161.0	3316.6	1316.5
Oct 28, 7:00 PM	66.7	0.7	66.7	140.8	3527.1	1315.6
Oct 28, 8:00 PM	9.5	0.1	65.1	125.4	3441.1	1286.7
Oct 28, 9:00 PM	22.7	0.2	58.7	121.6	3445.7	1301.9
Oct 28, 10:00 PM	17.9	0.2	55.6	114.0	3281.5	1285.2
Oct 28, 11:00 PM	29.2	0.3	49.3	102.1	3097.9	1251.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 29, 12:00 AM	609.8	5.3	47.5	90.7	3060.3	1222.2
Oct 29, 1:00 AM	825.6	6.8	45.4	88.0	2871.6	1209.3
Oct 29, 2:00 AM	778.8	6.4	45.2	87.2	2864.6	1204.2
Oct 29, 3:00 AM	736.4	5.8	42.4	86.2	2781.2	1189.0
Oct 29, 4:00 AM	626.4	5.2	42.6	92.3	2927.9	1220.7
Oct 29, 5:00 AM	446.9	3.9	45.5	93.9	3066.2	1226.6
Oct 29, 6:00 AM	366.3	3.0	44.3	92.4	2865.3	1205.6
Oct 29, 7:00 AM	17.7	0.2	57.9	115.6	3589.8	1270.0
Oct 29, 8:00 AM	151.1	1.5	48.2	104.3	3245.4	1221.9
Oct 29, 9:00 AM	98.0	1.0	57.0	115.6	3581.7	1269.3
Oct 29, 10:00 AM	64.7	0.6	57.2	109.0	3175.2	1249.4
Oct 29, 11:00 AM	99.7	1.0	65.3	127.8	3784.5	1304.2
Oct 29, 12:00 PM	59.9	0.5	54.9	110.6	3008.2	1157.4
Oct 29, 1:00 PM	704.9	6.8	62.0	131.1	3270.4	1254.4
Oct 29, 2:00 PM	263.9	3.4	79.2	174.7	4543.6	1432.9
Oct 29, 3:00 PM	2.6	0.0	70.4	164.0	3944.5	1424.0
Oct 29, 4:00 PM	583.5	5.3	80.2	170.2	3085.3	1302.0
Oct 29, 5:00 PM	776.4	7.3	91.5	201.0	3040.8	1329.9
Oct 29, 6:00 PM	659.8	6.0	90.7	206.5	2951.3	1314.6
Oct 29, 7:00 PM	511.9	4.2	87.2	192.8	2647.2	1282.4
Oct 29, 8:00 PM	258.5	2.0	84.0	187.2	2515.1	1248.3
Oct 29, 9:00 PM	407.9	3.5	86.8	193.9	2764.4	1290.7
Oct 29, 10:00 PM	516.9	4.6	86.1	189.8	2866.5	1286.6
Oct 29, 11:00 PM	480.5	4.0	82.4	187.2	2693.4	1257.4
Oct 30, 12:00 AM	585.9	5.4	85.9	191.4	2974.3	1293.4
Oct 30, 1:00 AM	649.7	5.9	86.6	189.6	2929.1	1285.0
Oct 30, 2:00 AM	602.0	5.4	86.6	186.5	2878.4	1284.5
Oct 30, 3:00 AM	371.8	3.1	83.0	180.5	2671.8	1270.8



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 30, 4:00 AM	229.2	1.9	79.4	172.9	2588.4	1248.2
Oct 30, 5:00 AM	11.0	0.1	67.9	149.6	1639.1	1153.7
Oct 30, 6:00 AM	21.9	0.1	60.6	130.2	1039.7	1084.6
Oct 30, 7:00 AM	16.9	0.0	52.2	109.5	785.7	1010.5
Oct 30, 8:00 AM	80.9	0.1	49.7	100.1	733.1	1002.1
Oct 30, 9:00 AM	411.8	1.1	47.5	87.1	692.4	972.9
Oct 30, 10:00 AM	803.7	2.0	42.1	78.8	720.1	1014.3
Oct 30, 11:00 AM	692.5	1.6	41.0	73.6	701.2	990.5
Oct 30, 12:00 PM	431.8	1.1	47.4	83.3	748.0	1028.6
Oct 30, 1:00 PM	452.2	1.2	50.3	89.3	768.4	1034.9
Oct 30, 2:00 PM	496.9	1.6	56.9	97.3	1012.2	1081.9
Oct 30, 3:00 PM	520.6	4.0	67.7	99.1	3439.9	1174.7
Oct 30, 4:00 PM	349.4	13.1	91.8	123.2	16807.9	1600.5
Oct 30, 5:00 PM	424.9	6.6	45.6	64.2	5042.4	1097.8
Oct 30, 6:00 PM	40.3	0.3	46.9	68.5	2923.9	1075.8
Oct 30, 7:00 PM	599.6	2.0	47.2	72.3	1063.7	1051.5
Oct 30, 8:00 PM	904.6	3.9	53.3	77.3	1447.7	1092.8
Oct 30, 9:00 PM	283.3	1.7	54.0	79.5	1684.4	1112.1
Oct 30, 10:00 PM	601.8	3.3	56.0	79.9	1756.2	1087.9
Oct 30, 11:00 PM	251.5	1.9	58.1	82.8	2635.7	1168.8
Oct 31, 12:00 AM	8.3	0.0	54.6	78.6	1930.3	1121.8
Oct 31, 1:00 AM	4.9	0.0	49.9	72.2	1505.6	1083.4
Oct 31, 2:00 AM	89.0	0.2	40.5	60.6	973.4	1037.6
Oct 31, 3:00 AM	523.0	1.5	38.3	57.1	895.4	1027.2
Oct 31, 4:00 AM	789.6	2.1	36.3	54.5	848.0	1022.4
Oct 31, 5:00 AM	716.0	1.8	36.1	51.9	818.2	1016.5
Oct 31, 6:00 AM	514.7	1.3	31.3	48.7	815.6	1016.4
Oct 31, 7:00 AM	372.8	0.9	36.1	48.6	802.4	1008.4

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 31, 8:00 AM	315.3	0.8	28.9	41.1	828.8	990.3
Oct 31, 9:00 AM	378.6	0.9	27.7	41.2	787.4	954.2
Oct 31, 10:00 AM	375.7	1.1	28.8	44.0	995.9	1009.9
Oct 31, 11:00 AM	119.8	0.9	43.9	53.3	2847.3	1162.5
Oct 31, 12:00 PM	322.4	1.6	38.9	51.8	1809.6	1088.5
Oct 31, 1:00 PM	500.4	3.5	44.4	52.6	2293.5	1120.0
Oct 31, 2:00 PM	298.6	1.7	39.0	51.0	2053.9	1095.9
Oct 31, 3:00 PM	642.4	5.2	47.3	57.5	2731.0	1098.7
Oct 31, 4:00 PM	566.2	5.8	60.1	77.2	3842.0	1275.1
Oct 31, 5:00 PM	414.9	4.4	67.1	89.8	3750.7	1337.8
Oct 31, 6:00 PM	401.8	4.0	58.8	75.8	3395.9	1210.1
Oct 31, 7:00 PM	547.5	9.5	74.3	80.3	6276.9	1497.1
Oct 31, 8:00 PM	495.5	9.4	82.6	97.3	6848.2	1591.0
Oct 31, 9:00 PM	156.3	2.6	80.0	91.1	5926.2	1472.3
Oct 31, 10:00 PM	862.4	15.3	75.5	90.0	6394.8	1512.2
Oct 31, 11:00 PM	869.9	16.5	74.6	86.7	6914.8	1519.7
Nov 1, 12:00 AM	876.0	16.5	76.0	84.2	6883.3	1500.4
Nov 1, 1:00 AM	814.3	15.5	73.1	83.0	6954.9	1496.1
Nov 1, 2:00 AM	770.7	14.1	66.9	77.2	6710.5	1475.8
Nov 1, 3:00 AM	783.7	14.8	68.9	79.9	6882.8	1457.4
Nov 1, 4:00 AM	784.4	14.7	60.2	67.6	6894.1	1437.3
Nov 1, 5:00 AM	804.3	15.2	63.6	74.3	6941.9	1433.8
Nov 1, 6:00 AM	769.5	14.5	60.6	65.9	6912.0	1417.9
Nov 1, 7:00 AM	697.9	12.8	58.5	64.8	6712.2	1405.5
Nov 1, 8:00 AM	811.0	15.3	63.0	73.8	6897.7	1415.6
Nov 1, 9:00 AM	805.6	15.3	58.9	62.3	6998.3	1402.3
Nov 1, 10:00 AM	800.9	15.2	56.1	55.6	6971.2	1398.9
Nov 1, 11:00 AM	802.0	15.1	54.5	54.6	6942.5	1396.7

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 1, 12:00 PM	778.6	14.8	57.6	53.8	6997.4	1404.7
Nov 1, 1:00 PM	783.1	15.0	57.1	54.1	7053.9	1403.5
Nov 1, 2:00 PM	714.8	13.8	56.0	53.4	7125.0	1411.8
Nov 1, 3:00 PM	817.5	15.4	60.1	65.3	6900.1	1419.0
Nov 1, 4:00 PM	776.9	14.2	62.1	76.9	6659.9	1422.3
Nov 1, 5:00 PM	735.9	14.1	60.1	67.3	7021.3	1417.0
Nov 1, 6:00 PM	779.3	15.1	59.8	60.3	7131.5	1419.1
Nov 1, 7:00 PM	821.7	15.8	58.1	53.6	7100.7	1427.1
Nov 1, 8:00 PM	784.6	15.4	56.7	52.2	7224.0	1435.8
Nov 1, 9:00 PM	814.7	15.7	57.8	54.3	7123.8	1442.1
Nov 1, 10:00 PM	807.2	15.7	61.1	64.2	7163.2	1447.6
Nov 1, 11:00 PM	791.3	15.6	64.6	61.8	7246.2	1453.1
Nov 2, 12:00 AM	821.5	15.8	63.8	63.4	7072.4	1464.0
Nov 2, 1:00 AM	790.8	15.6	68.5	69.4	7233.6	1471.2
Nov 2, 2:00 AM	787.6	15.7	61.7	61.3	7339.2	1459.2
Nov 2, 3:00 AM	793.0	16.0	59.0	56.6	7459.8	1452.9
Nov 2, 4:00 AM	792.5	16.3	62.5	53.8	7585.3	1453.6
Nov 2, 5:00 AM	754.0	15.5	63.8	63.8	7559.8	1470.9
Nov 2, 6:00 AM	774.2	15.8	61.5	60.8	7528.3	1456.4
Nov 2, 7:00 AM	741.7	14.9	59.7	58.5	7381.6	1436.0
Nov 2, 8:00 AM	825.8	16.3	61.3	65.4	7242.4	1451.8
Nov 2, 9:00 AM	818.4	17.3	64.5	60.4	7787.4	1450.7
Nov 2, 10:00 AM	785.1	17.0	63.3	59.4	7970.8	1458.7
Nov 2, 11:00 AM	739.0	15.9	67.7	60.8	7909.4	1473.3
Nov 2, 12:00 PM	791.9	17.3	66.9	63.3	8032.4	1489.0
Nov 2, 1:00 PM	761.9	17.2	74.2	66.3	8341.8	1507.6
Nov 2, 2:00 PM	698.2	16.7	77.0	76.7	8754.8	1512.0
Nov 2, 3:00 PM	729.8	16.8	81.7	92.3	8400.5	1535.7

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 2, 4:00 PM	49.3	1.1	83.5	81.1	7600.6	1472.9
Nov 2, 5:00 PM	0.0	0.0	77.0	70.6	7474.9	1403.5
Nov 2, 6:00 PM	0.0	0.0	73.3	62.3	7630.7	1432.7
Nov 2, 7:00 PM	0.0	0.0	71.7	62.0	7644.3	1422.6
Nov 2, 8:00 PM	0.0	0.0	72.1	58.1	7175.9	1352.2
Nov 2, 9:00 PM	0.0	0.0	66.7	52.0	6978.9	1279.9
Nov 2, 10:00 PM	0.0	0.0	64.3	46.4	6816.1	1268.2
Nov 2, 11:00 PM	0.0	0.0	63.1	51.0	7574.4	1347.7
Nov 3, 12:00 AM	0.0	0.0	61.7	47.1	7000.1	1255.6
Nov 3, 1:00 AM	0.0	0.0	66.7	56.4	7246.3	1311.2
Nov 3, 1:00 AM	0.0	0.0	66.5	54.0	7306.7	1285.9
Nov 3, 2:00 AM	0.0	0.0	60.5	43.6	6510.4	1157.2
Nov 3, 3:00 AM	0.0	0.0	19.2	18.9	1890.4	394.8
Nov 3, 4:00 AM	0.0	0.0	17.6	15.9	1532.4	341.4
Nov 3, 5:00 AM	0.0	0.0	23.0	19.6	1962.9	396.1
Nov 3, 6:00 AM	0.0	0.0	14.4	14.5	1424.9	279.8
Nov 3, 7:00 AM	0.0	0.0	18.7	16.5	1880.6	366.2
Nov 3, 8:00 AM	89.5	0.5	18.7	16.9	2186.7	406.5
Nov 3, 9:00 AM	0.0	0.0	23.6	19.5	2253.5	463.8
Nov 3, 10:00 AM	0.0	0.0	21.2	16.1	1636.0	464.1
Nov 3, 11:00 AM	0.0	0.0	21.2	19.7	2054.7	443.2
Nov 3, 12:00 PM	0.0	0.0	25.6	21.2	2164.7	446.9
Nov 3, 1:00 PM	0.0	0.0	27.3	20.1	2030.0	417.4
Nov 3, 2:00 PM	0.0	0.0	25.7	22.7	1978.0	413.4
Nov 3, 3:00 PM	0.0	0.0	11.8	8.6	653.4	
Nov 3, 4:00 PM	0.0	0.0	1.9	2.0	18.6	
Nov 3, 5:00 PM	0.0	0.0	4.2	1.9	6.5	
Nov 3, 6:00 PM	0.0	0.0	1.8	2.5	4.1	

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 3, 7:00 PM	0.0	0.0	3.9	1.3	4.9	
Nov 3, 8:00 PM	0.0	0.0	2.1	2.4	5.6	
Nov 3, 9:00 PM	0.0	0.0	3.2	3.5	3.3	
Nov 3, 10:00 PM	0.0	0.0	2.5	1.7	5.2	
Nov 3, 11:00 PM	135.7	0.0	2.3	0.9	3.9	
Nov 4, 12:00 AM	251.5	0.0	1.7	1.4	5.6	
Nov 4, 1:00 AM	661.8	0.0	1.9	2.2	10.1	
Nov 4, 2:00 AM	738.1	0.1	2.3	2.0	35.9	
Nov 4, 3:00 AM	739.2	0.1	2.7	2.3	60.3	
Nov 4, 4:00 AM	712.1	0.2	3.0	2.9	124.7	
Nov 4, 5:00 AM	701.4	0.4	4.0	2.9	203.1	
Nov 4, 6:00 AM	572.5	0.4	4.5	3.2	229.2	
Nov 4, 7:00 AM	686.5	0.4	5.3	4.0	230.4	
Nov 4, 8:00 AM	683.1	0.5	4.5	3.1	268.5	
Nov 4, 9:00 AM	693.5	0.5	6.0	3.3	252.8	
Nov 4, 10:00 AM	701.4	0.5	4.7	4.5	255.5	
Nov 4, 11:00 AM	707.3	0.5	2.4	3.3	233.8	
Nov 4, 12:00 PM	696.4	0.6	5.8	3.6	297.2	
Nov 4, 1:00 PM	693.2	0.7	6.7	5.0	384.1	
Nov 4, 2:00 PM	675.1	0.9	7.4	6.2	464.1	
Nov 4, 3:00 PM	675.7	0.9	5.1	6.7	503.7	
Nov 4, 4:00 PM	674.6	1.1	7.1	7.1	582.5	
Nov 4, 5:00 PM	694.0	1.2	8.8	8.8	607.1	
Nov 4, 6:00 PM	648.1	0.9	10.6	7.3	520.9	
Nov 4, 7:00 PM	618.3	0.8	7.6	5.8	460.3	
Nov 4, 8:00 PM	536.2	0.7	7.4	5.7	466.9	
Nov 4, 9:00 PM	742.2	0.9	7.6	5.1	417.6	
Nov 4, 10:00 PM	656.9	0.7	7.4	4.6	415.6	

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 4, 11:00 PM	786.8	0.9	8.0	5.5	413.1	
Nov 5, 12:00 AM	729.5	0.9	6.8	5.8	430.7	
Nov 5, 1:00 AM	722.1	0.8	6.5	4.4	419.2	
Nov 5, 2:00 AM	720.2	0.8	9.3	4.9	415.2	
Nov 5, 3:00 AM	741.5	0.8	7.4	4.6	378.9	
Nov 5, 4:00 AM	698.9	0.7	5.5	4.6	351.9	
Nov 5, 5:00 AM	719.3	0.6	5.0	5.3	319.3	
Nov 5, 6:00 AM	612.1	0.5	4.5	4.5	324.7	
Nov 5, 7:00 AM	706.4	0.6	5.9	3.0	290.7	
Nov 5, 8:00 AM	686.7	0.5	5.2	2.9	260.4	
Nov 5, 9:00 AM	752.8	0.4	6.0	3.2	198.8	
Nov 5, 10:00 AM	726.5	0.2	3.4	2.2	80.7	
Nov 5, 11:00 AM	710.8	0.0	2.1	1.3	13.5	
Nov 5, 12:00 PM	681.7	0.0	2.8	1.1	15.8	
Nov 5, 1:00 PM	701.7	0.0	4.9	1.0	18.1	
Nov 5, 2:00 PM	695.9	0.0	5.7	1.4	8.6	
Nov 5, 3:00 PM	705.9	0.0	2.4	1.6	11.9	
Nov 5, 4:00 PM	688.3	0.0	2.4	1.4	8.4	
Nov 5, 5:00 PM	725.7	0.0	1.2	1.7	20.7	
Nov 5, 6:00 PM	731.3	0.0	1.6	1.6	13.4	
Nov 5, 7:00 PM	681.7	0.0	2.5	1.6	9.8	
Nov 5, 8:00 PM	729.7	0.0	4.4	1.5	13.6	
Nov 5, 9:00 PM	724.9	0.0	1.9	1.4	16.2	
Nov 5, 10:00 PM	743.1	0.0	1.3	1.9	11.6	
Nov 5, 11:00 PM	563.2	0.0	3.7	1.7	18.4	
Nov 6, 12:00 AM	799.6	0.0	3.8	1.2	13.2	
Nov 6, 1:00 AM	775.4	0.0	2.5	1.6	10.3	
Nov 6, 2:00 AM	769.0	0.1	2.5	1.7	55.5	

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 6, 3:00 AM	703.7	0.2	2.2	2.4	87.3	
Nov 6, 4:00 AM	702.2	0.2	2.5	1.9	124.4	
Nov 6, 5:00 AM	790.9	0.3	2.8	3.0	125.9	
Nov 6, 6:00 AM	747.8	0.3	3.3	2.7	135.7	
Nov 6, 7:00 AM	723.4	0.3	3.9	2.9	126.7	
Nov 6, 8:00 AM	824.3	0.2	1.7	2.8	101.1	
Nov 6, 9:00 AM	798.0	0.3	1.2	2.5	3.7	
Nov 6, 10:00 AM	797.4	2.8				
Nov 6, 11:00 AM	790.5	4.1				
Nov 6, 12:00 PM	788.2	3.5				
Nov 6, 1:00 PM	775.3	3.6				
Nov 6, 2:00 PM	734.5	3.3				
Nov 6, 3:00 PM	734.3	3.2				
Nov 6, 4:00 PM	195.5	0.7				
Nov 6, 5:00 PM	841.2	3.1				
Nov 6, 6:00 PM	684.9	2.1				
Nov 6, 7:00 PM	822.7	2.4				
Nov 6, 8:00 PM	788.2	2.2				
Nov 6, 9:00 PM	750.9	4.3				
Nov 6, 10:00 PM	483.6	6.7				
Nov 6, 11:00 PM	156.1	2.0				
Nov 7, 12:00 AM	2.3	0.0				
Nov 7, 1:00 AM	0.0	0.0				
Nov 7, 2:00 AM	45.2	0.4				
Nov 7, 3:00 AM	94.1	0.6				
Nov 7, 4:00 AM	327.8	0.8				
Nov 7, 5:00 AM	6.2	0.0				
Nov 7, 6:00 AM	23.6	0.0				

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 7, 7:00 AM	333.3	0.0				
Nov 7, 8:00 AM	744.7	0.0				
Nov 7, 9:00 AM	839.9					
Nov 7, 10:00 AM	776.3					
Nov 7, 11:00 AM	427.9					
Nov 7, 12:00 PM	449.5					
Nov 7, 1:00 PM	882.8					
Nov 7, 2:00 PM	821.6					
Nov 7, 3:00 PM	811.2					
Nov 7, 4:00 PM	792.4					
Nov 7, 5:00 PM	878.2					
Nov 7, 6:00 PM	720.0					
Nov 7, 7:00 PM	846.2					
Nov 7, 8:00 PM	298.9					
Nov 7, 9:00 PM	832.8					
Nov 7, 10:00 PM	744.2					
Nov 7, 11:00 PM	444.1					
Nov 8, 12:00 AM	89.2					
Nov 8, 1:00 AM	0.0					
Nov 8, 2:00 AM	5.8					
Nov 8, 3:00 AM	41.0					
Nov 8, 4:00 AM	14.8					
Nov 8, 5:00 AM	60.0					
Nov 8, 6:00 AM	20.4					
Nov 8, 7:00 AM	225.8					
Nov 8, 8:00 AM	840.8					
Nov 8, 9:00 AM	882.3					
Nov 8, 10:00 AM	812.6					



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 8, 11:00 AM	841.1					
Nov 8, 12:00 PM	810.6					
Nov 8, 1:00 PM	804.1					
Nov 8, 2:00 PM	746.6					
Nov 8, 3:00 PM	757.6					
Nov 8, 4:00 PM	772.2					
Nov 8, 5:00 PM	741.0					
Nov 8, 6:00 PM	762.4					
Nov 8, 7:00 PM	690.3					
Nov 8, 8:00 PM	690.6					
Nov 8, 9:00 PM	838.7					
Nov 8, 10:00 PM	717.9					
Nov 8, 11:00 PM	788.2					
Nov 9, 12:00 AM	769.7					
Nov 9, 1:00 AM	750.0					
Nov 9, 2:00 AM	790.6					
Nov 9, 3:00 AM	799.0					
Nov 9, 4:00 AM	821.4					
Nov 9, 5:00 AM	790.5					
Nov 9, 6:00 AM	822.1	2.7				493.6
Nov 9, 7:00 AM	792.8	2.4				486.3
Nov 9, 8:00 AM	827.1	2.7				503.9
Nov 9, 9:00 AM	779.3	2.4				493.6
Nov 9, 10:00 AM	783.0	2.5				471.4
Nov 9, 11:00 AM	778.4	2.6				467.4
Nov 9, 12:00 PM	757.1	2.4				457.9
Nov 9, 1:00 PM	808.6	2.5				458.6
Nov 9, 2:00 PM	774.5	2.3				458.4

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 9, 3:00 PM	730.9	2.1				460.8
Nov 9, 4:00 PM	794.3	2.3				468.3
Nov 9, 5:00 PM	810.6	2.5				463.9
Nov 9, 6:00 PM	817.1	2.2				461.0
Nov 9, 7:00 PM	766.5	2.0				461.9
Nov 9, 8:00 PM	619.3	1.5				457.1
Nov 9, 9:00 PM	846.4	2.1				462.0
Nov 9, 10:00 PM	858.2	2.3				452.6
Nov 9, 11:00 PM	853.0	2.5				460.9
Nov 10, 12:00 AM	810.7	2.3				460.8
Nov 10, 1:00 AM	820.0	2.2				453.5
Nov 10, 2:00 AM	843.4	2.4				456.4
Nov 10, 3:00 AM	841.9	2.3				457.0
Nov 10, 4:00 AM	831.8	2.3				453.2
Nov 10, 5:00 AM	835.1	2.4				448.8
Nov 10, 6:00 AM	854.3	2.5				456.7
Nov 10, 7:00 AM	809.4	2.3				452.8
Nov 10, 8:00 AM	796.3	2.2				461.2
Nov 10, 9:00 AM	705.0	1.9				467.6
Nov 10, 10:00 AM	689.3	1.9				459.9
Nov 10, 11:00 AM	752.7	2.1				458.6
Nov 10, 12:00 PM	829.4	2.4				460.1
Nov 10, 1:00 PM	870.2	2.6				457.0
Nov 10, 2:00 PM	878.9	2.8				452.0
Nov 10, 3:00 PM	868.9	2.6				446.5
Nov 10, 4:00 PM	744.2	2.2				454.1
Nov 10, 5:00 PM	882.1	2.6				462.8
Nov 10, 6:00 PM	846.9	2.6				464.3

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 10, 7:00 PM	849.1	2.6				463.9
Nov 10, 8:00 PM	856.2	2.6				459.7
Nov 10, 9:00 PM	855.6	2.6				471.0
Nov 10, 10:00 PM	852.2	2.5				462.9
Nov 10, 11:00 PM	872.0	2.5				469.6
Nov 11, 12:00 AM	861.6	2.5				460.6
Nov 11, 1:00 AM	781.1	2.3				458.5
Nov 11, 2:00 AM	899.9	2.6				468.4
Nov 11, 3:00 AM	870.2	2.6				472.0
Nov 11, 4:00 AM	877.1	2.6				463.1
Nov 11, 5:00 AM	862.5	2.1				377.3
Nov 11, 6:00 AM	870.0	2.4				421.1
Nov 11, 7:00 AM	825.4	2.3				418.9
Nov 11, 8:00 AM	856.8	2.3				434.7
Nov 11, 9:00 AM	884.2	2.4				429.7
Nov 11, 10:00 AM	847.2	2.4				436.0
Nov 11, 11:00 AM	845.4	2.4				437.4
Nov 11, 12:00 PM	860.8	2.4				443.2
Nov 11, 1:00 PM	868.3	2.3				445.3
Nov 11, 2:00 PM	842.9	2.3				435.8
Nov 11, 3:00 PM	859.3	2.3				414.8
Nov 11, 4:00 PM	859.6	2.4				434.6
Nov 11, 5:00 PM	848.5	2.5				446.1
Nov 11, 6:00 PM	812.2	2.2				443.3
Nov 11, 7:00 PM	827.9	2.1				452.3
Nov 11, 8:00 PM	817.4	2.0				445.0
Nov 11, 9:00 PM	870.5	2.2				443.0
Nov 11, 10:00 PM	855.9	2.1				412.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 11, 11:00 PM	835.9	2.1				423.3
Nov 12, 12:00 AM	840.2	2.1				440.2
Nov 12, 1:00 AM	803.9	2.0				442.2
Nov 12, 2:00 AM	786.9	2.0				445.7
Nov 12, 3:00 AM	830.9	2.1				445.2
Nov 12, 4:00 AM	796.3	2.0				440.7
Nov 12, 5:00 AM	814.2	2.1				435.7
Nov 12, 6:00 AM	760.6	1.9				426.5
Nov 12, 7:00 AM	781.4	2.0				419.9
Nov 12, 8:00 AM	824.5	2.5				437.5
Nov 12, 9:00 AM	773.7	1.9				422.5
Nov 12, 10:00 AM	762.7	2.0				409.4
Nov 12, 11:00 AM	817.1	2.1				406.4
Nov 12, 12:00 PM	819.8	2.1				409.6
Nov 12, 1:00 PM	539.5	1.5				415.1
Nov 12, 2:00 PM	696.4	2.5				420.9
Nov 12, 3:00 PM	781.1	2.3				407.2
Nov 12, 4:00 PM	798.1	2.0				405.9
Nov 12, 5:00 PM	828.8	2.0				406.2
Nov 12, 6:00 PM	783.3	1.9				403.2
Nov 12, 7:00 PM	874.7	2.1				404.4
Nov 12, 8:00 PM	852.1	2.1				409.3
Nov 12, 9:00 PM	838.0	2.1				415.9
Nov 12, 10:00 PM	837.9	2.2				406.9
Nov 12, 11:00 PM	829.9	2.3				408.7
Nov 13, 12:00 AM	870.7	2.3				409.2
Nov 13, 1:00 AM	861.4	2.2				420.8
Nov 13, 2:00 AM	856.0	2.2				414.1

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 13, 3:00 AM	861.1	2.2				408.4
Nov 13, 4:00 AM	856.2	2.3				409.1
Nov 13, 5:00 AM	881.8	2.3				405.9
Nov 13, 6:00 AM	825.2	2.1				407.7
Nov 13, 7:00 AM	843.4	2.5				414.1
Nov 13, 8:00 AM	823.1	2.7				415.7
Nov 13, 9:00 AM	809.3	2.0				399.6
Nov 13, 10:00 AM	832.9	1.8				385.7
Nov 13, 11:00 AM	809.2	2.1				398.5
Nov 13, 12:00 PM	451.4	1.1				391.5
Nov 13, 1:00 PM	888.4	2.3				364.1
Nov 13, 2:00 PM	897.3	2.4				385.7
Nov 13, 3:00 PM	844.4	2.5				393.1
Nov 13, 4:00 PM	800.8	2.4				394.7
Nov 13, 5:00 PM	827.0	2.2				395.8
Nov 13, 6:00 PM	819.9	2.1				399.1
Nov 13, 7:00 PM	810.0	2.1				400.9
Nov 13, 8:00 PM	885.1	2.3				401.5
Nov 13, 9:00 PM	614.8	1.6				402.4
Nov 13, 10:00 PM	824.0	2.0				381.2
Nov 13, 11:00 PM	860.6	2.5				413.8
Nov 14, 12:00 AM	772.2	2.0				417.0
Nov 14, 1:00 AM	523.3	1.0				372.9
Nov 14, 2:00 AM	634.4	1.4				393.8
Nov 14, 3:00 AM	701.2	1.8				400.3
Nov 14, 4:00 AM	607.2	1.4				382.8
Nov 14, 5:00 AM	716.9	1.7				401.2
Nov 14, 6:00 AM	983.2	6.6				410.8

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 14, 7:00 AM	820.8	9.5				427.6
Nov 14, 8:00 AM	861.2	10.0				432.5
Nov 14, 9:00 AM	868.3	6.2				402.5
Nov 14, 10:00 AM	765.8	2.6				400.8
Nov 14, 11:00 AM	810.4	2.0				407.3
Nov 14, 12:00 PM	821.0	2.5				435.8
Nov 14, 1:00 PM	316.1	0.1				
Nov 14, 2:00 PM	784.4	0.1				
Nov 14, 3:00 PM	49.1	0.0				
Nov 14, 4:00 PM	676.4	0.1				
Nov 14, 5:00 PM	863.5	0.1				
Nov 14, 6:00 PM	846.1	0.0				
Nov 14, 7:00 PM	721.4	0.0				
Nov 14, 8:00 PM	627.9	0.0				
Nov 14, 9:00 PM	12.4	0.0				
Nov 14, 10:00 PM	2.4	0.0				
Nov 14, 11:00 PM	119.7	0.0				
Nov 15, 12:00 AM	856.1	0.1				
Nov 15, 1:00 AM	915.0	0.1				
Nov 15, 2:00 AM	733.8	0.0				
Nov 15, 3:00 AM	917.2	0.0				
Nov 15, 4:00 AM	865.3	0.0				
Nov 15, 5:00 AM	831.9	0.1				
Nov 15, 6:00 AM	656.6	0.0				
Nov 15, 7:00 AM	598.5					
Nov 15, 8:00 AM	769.2					
Nov 15, 9:00 AM	806.6					
Nov 15, 10:00 AM	380.5					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 15, 11:00 AM	0.0					
Nov 15, 12:00 PM	652.4					
Nov 15, 1:00 PM	385.4					
Nov 15, 2:00 PM	387.1					
Nov 15, 3:00 PM	624.2					
Nov 15, 4:00 PM	647.3	0.1				
Nov 15, 5:00 PM	525.0	0.0				
Nov 15, 6:00 PM	651.6	0.1				
Nov 15, 7:00 PM	619.8	0.1				
Nov 15, 8:00 PM	758.7	0.1				
Nov 15, 9:00 PM	830.9	0.1				
Nov 15, 10:00 PM	448.8	0.0				
Nov 15, 11:00 PM	23.8	0.0				
Nov 16, 12:00 AM	3.3	0.0				
Nov 16, 1:00 AM	238.4	0.0				
Nov 16, 2:00 AM	1035.3	0.1				
Nov 16, 3:00 AM	979.9	0.1				
Nov 16, 4:00 AM	944.8	0.1				
Nov 16, 5:00 AM	887.1	0.1				
Nov 16, 6:00 AM	853.8	0.1				
Nov 16, 7:00 AM	854.0	0.1				
Nov 16, 8:00 AM	876.1	0.1				
Nov 16, 9:00 AM	809.8	0.1				
Nov 16, 10:00 AM	848.9	0.1				
Nov 16, 11:00 AM	824.9	0.1				
Nov 16, 12:00 PM	786.2	0.1				
Nov 16, 1:00 PM	803.3	0.1				
Nov 16, 2:00 PM	780.3	0.1				

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 16, 3:00 PM	815.0	0.1				
Nov 16, 4:00 PM	813.5	0.1				
Nov 16, 5:00 PM	823.4	0.1				
Nov 16, 6:00 PM	815.3	0.1				
Nov 16, 7:00 PM	813.0	0.1				
Nov 16, 8:00 PM	843.2	0.1				
Nov 16, 9:00 PM	695.4	0.1				
Nov 16, 10:00 PM	640.2	0.1				
Nov 16, 11:00 PM	803.4	0.1				
Nov 17, 12:00 AM	879.7	0.1				
Nov 17, 1:00 AM	865.5	0.1				
Nov 17, 2:00 AM	814.1	0.1				
Nov 17, 3:00 AM	831.0	0.1				
Nov 17, 4:00 AM	823.2	0.1				
Nov 17, 5:00 AM	810.6	0.1				
Nov 17, 6:00 AM	786.6	0.1				
Nov 17, 7:00 AM	779.1					
Nov 17, 8:00 AM	704.2					
Nov 17, 9:00 AM	754.3					
Nov 17, 10:00 AM	755.4					
Nov 17, 11:00 AM	755.4					
Nov 17, 12:00 PM	768.6					
Nov 17, 1:00 PM	766.4					
Nov 17, 2:00 PM	787.4					
Nov 17, 3:00 PM	762.7					
Nov 17, 4:00 PM	772.1					
Nov 17, 5:00 PM	731.6					
Nov 17, 6:00 PM	768.4					



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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 17, 7:00 PM	728.1					
Nov 17, 8:00 PM	801.9	4.5	30.9	57.0	2036.7	946.3
Nov 17, 9:00 PM	814.4	5.0	32.6	53.6	2184.6	1042.0
Nov 17, 10:00 PM	813.5	4.9	30.6	37.0	2154.8	1032.8
Nov 17, 11:00 PM	662.9	3.9	26.2	31.1	2119.7	1024.1
Nov 18, 12:00 AM	797.9	4.7	23.2	28.5	2139.0	1031.6
Nov 18, 1:00 AM	851.2	5.0	20.9	28.4	2134.3	1027.2
Nov 18, 2:00 AM	840.1	4.9	22.5	27.0	2137.5	1026.0
Nov 18, 3:00 AM	830.8	4.8	21.4	25.0	2109.7	1023.7
Nov 18, 4:00 AM	848.7	4.9	18.4	26.6	2124.0	1022.1
Nov 18, 5:00 AM	837.8	4.9	18.7	25.9	2120.0	1021.4
Nov 18, 6:00 AM	830.4	4.8	20.3	25.6	2115.6	1020.5
Nov 18, 7:00 AM	868.0	5.0	21.8	45.2	2079.3	1045.0
Nov 18, 8:00 AM	823.2	5.2	32.0	54.7	2208.4	1041.0
Nov 18, 9:00 AM	828.6					
Nov 18, 10:00 AM	818.4					
Nov 18, 11:00 AM	786.2					
Nov 18, 12:00 PM	844.0					
Nov 18, 1:00 PM	830.2					
Nov 18, 2:00 PM	781.8					
Nov 18, 3:00 PM	783.1					
Nov 18, 4:00 PM	788.5					
Nov 18, 5:00 PM	789.9					
Nov 18, 6:00 PM	816.9					
Nov 18, 7:00 PM	827.0					
Nov 18, 8:00 PM	830.5					
Nov 18, 9:00 PM	828.4					
Nov 18, 10:00 PM	811.4					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 18, 11:00 PM	837.7					
Nov 19, 12:00 AM	820.3					
Nov 19, 1:00 AM	779.5					
Nov 19, 2:00 AM	792.5					
Nov 19, 3:00 AM	813.9					
Nov 19, 4:00 AM	775.3					
Nov 19, 5:00 AM	768.8					
Nov 19, 6:00 AM	785.4					
Nov 19, 7:00 AM	806.6					
Nov 19, 8:00 AM	768.4					
Nov 19, 9:00 AM	776.2					
Nov 19, 10:00 AM	777.0					
Nov 19, 11:00 AM	743.6					
Nov 19, 12:00 PM	761.0					
Nov 19, 1:00 PM	738.4					
Nov 19, 2:00 PM	728.6					
Nov 19, 3:00 PM	750.6					
Nov 19, 4:00 PM	782.0					
Nov 19, 5:00 PM	762.2					
Nov 19, 6:00 PM	772.6					
Nov 19, 7:00 PM	791.6					
Nov 19, 8:00 PM	792.3					
Nov 19, 9:00 PM	802.8					
Nov 19, 10:00 PM	810.6					
Nov 19, 11:00 PM	843.8					
Nov 20, 12:00 AM	834.9					
Nov 20, 1:00 AM	823.1					
Nov 20, 2:00 AM	842.0					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 20, 3:00 AM	838.6					
Nov 20, 4:00 AM	819.1					
Nov 20, 5:00 AM	829.8					
Nov 20, 6:00 AM	830.2					
Nov 20, 7:00 AM	831.7					
Nov 20, 8:00 AM	830.1					
Nov 20, 9:00 AM	830.4					
Nov 20, 10:00 AM	832.2					
Nov 20, 11:00 AM	838.0					
Nov 20, 12:00 PM	818.2					
Nov 20, 1:00 PM	779.9	4.8	31.5	47.1	2191.4	1002.6
Nov 20, 2:00 PM	787.3	5.2	32.1	45.5	2382.4	1031.8
Nov 20, 3:00 PM	690.8	4.8	36.2	50.0	2463.0	1035.9
Nov 20, 4:00 PM	671.3	4.5	34.1	50.4	2366.0	1042.6
Nov 20, 5:00 PM	662.3	4.2	32.9	50.3	2245.0	1041.4
Nov 20, 6:00 PM	672.3	4.2	29.8	39.7	2226.1	1033.0
Nov 20, 7:00 PM	720.9	4.4	27.8	38.6	2207.9	1027.9
Nov 20, 8:00 PM	757.0	4.6	27.0	47.7	2185.5	1030.5
Nov 20, 9:00 PM	758.0	4.6	25.6	41.3	2182.2	1026.8
Nov 20, 10:00 PM	770.8	4.7	25.6	34.8	2212.2	1021.7
Nov 20, 11:00 PM	787.8	4.9	27.5	42.6	2223.2	1026.7
Nov 21, 12:00 AM	786.0	4.8	30.0	44.2	2185.7	1022.5
Nov 21, 1:00 AM	789.1	4.9	28.7	34.6	2242.4	1017.5
Nov 21, 2:00 AM	783.0	4.8	23.6	29.8	2217.3	1014.7
Nov 21, 3:00 AM	785.0	4.8	23.5	29.9	2227.9	1018.0
Nov 21, 4:00 AM	787.3	4.9	26.0	46.4	2219.4	1027.8
Nov 21, 5:00 AM	752.7	4.7	27.9	43.2	2226.0	1023.0
Nov 21, 6:00 AM	775.3	4.7	21.7	31.3	2189.6	1015.8

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 21, 7:00 AM	781.3	4.7	24.7	37.1	2174.6	1037.0
Nov 21, 8:00 AM	733.0	4.5	36.2	56.5	2158.4	1072.5
Nov 21, 9:00 AM	755.2	4.7	28.2	44.3	2227.8	1044.6
Nov 21, 10:00 AM	696.7	4.3	22.5	33.5	2227.3	1037.4
Nov 21, 11:00 AM	634.7	2.8	26.5	29.3	1619.0	839.3
Nov 21, 12:00 PM	874.4	4.1	22.8	26.2	1708.2	1146.6
Nov 21, 1:00 PM	358.4	1.7	21.8	23.3	2011.3	1169.5
Nov 21, 2:00 PM	733.4	3.8	20.5	21.9	1964.1	1098.9
Nov 21, 3:00 PM	824.1	5.2	16.1	19.4	2322.1	1049.8
Nov 21, 4:00 PM	803.9	4.8	22.9	28.8	2195.3	1042.9
Nov 21, 5:00 PM	774.2	4.7	31.7	57.1	2133.6	1070.8
Nov 21, 6:00 PM	777.7	4.9	31.3	48.4	2239.1	1053.9
Nov 21, 7:00 PM	784.5	4.8	26.2	41.7	2197.9	1042.8
Nov 21, 8:00 PM	804.1	5.2	21.5	37.7	2360.6	1038.5
Nov 21, 9:00 PM	784.6	4.8	21.1	36.8	2200.6	1032.9
Nov 21, 10:00 PM	759.6	4.6	24.1	34.4	2184.6	1030.5
Nov 21, 11:00 PM	786.4	4.8	26.8	36.1	2200.1	1035.0
Nov 22, 12:00 AM	747.4	4.5	21.6	34.2	2159.1	1032.7
Nov 22, 1:00 AM	794.8	4.6	26.0	53.0	2083.8	1001.2
Nov 22, 2:00 AM	784.5	4.8	32.6	46.5	2167.7	1045.7
Nov 22, 3:00 AM	794.9	4.7	23.7	34.6	2139.1	1038.8
Nov 22, 4:00 AM	813.6	4.8	21.6	31.2	2122.4	1032.3
Nov 22, 5:00 AM	779.8	4.8	30.8	51.5	2209.2	1058.5
Nov 22, 6:00 AM	762.8	4.8	32.0	44.2	2240.2	1074.0
Nov 22, 7:00 AM	730.0	4.6	31.0	42.8	2259.4	1075.3
Nov 22, 8:00 AM	762.7	4.8	31.5	51.6	2193.9	1082.0
Nov 22, 9:00 AM	755.1	4.6	27.0	36.4	2236.7	1061.6
Nov 22, 10:00 AM	263.0	1.4	19.2	30.7	1420.3	697.6

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 22, 11:00 AM	0.0	0.0	8.0	20.6	631.5	325.9
Nov 22, 12:00 PM	46.6	0.1	9.8	21.5	987.3	483.7
Nov 22, 1:00 PM	202.1	0.8	31.7	62.9	977.5	599.3
Nov 22, 2:00 PM	143.2	0.4	13.5	19.1	1277.9	993.9
Nov 22, 3:00 PM	791.9	4.4	22.5	22.9	1989.7	1100.0
Nov 22, 4:00 PM	492.5	2.7	19.1	22.5	1887.1	1086.5
Nov 22, 5:00 PM	117.1	0.3	7.9	10.4	876.9	1139.9
Nov 22, 6:00 PM	224.6	0.5	16.3	31.2	759.9	1146.9
Nov 22, 7:00 PM	343.3	1.0	15.6	22.7	962.7	1041.4
Nov 22, 8:00 PM	509.0	1.5	12.7	13.4	975.2	1048.5
Nov 22, 9:00 PM	913.5	4.8	20.0	27.1	1950.3	1074.2
Nov 22, 10:00 PM	939.5	5.6	20.4	25.6	2191.2	1064.6
Nov 22, 11:00 PM	848.3	5.2	20.7	25.6	2263.7	1057.5
Nov 23, 12:00 AM	618.9	3.7	21.8	23.1	2200.6	1059.2
Nov 23, 1:00 AM	551.3	2.2	14.9	17.8	1224.0	1121.8
Nov 23, 2:00 AM	640.2	2.4	11.9	15.7	1314.2	1100.6
Nov 23, 3:00 AM	525.4	2.0	11.0	13.1	999.2	1125.5
Nov 23, 4:00 AM	359.8	1.0	18.9	35.8	722.3	1153.0
Nov 23, 5:00 AM	0.0	0.0	7.7	14.9	481.4	1151.3
Nov 23, 6:00 AM	0.0	0.0	6.5	9.4	468.2	1152.6
Nov 23, 7:00 AM	0.0	0.0	12.3	21.4	468.5	1159.8
Nov 23, 8:00 AM	0.0	0.0	7.1	9.6	480.7	1158.1
Nov 23, 9:00 AM	0.0	0.0	5.0	8.7	472.0	1163.7
Nov 23, 10:00 AM	205.4	0.4	6.5	8.5	538.4	1160.0
Nov 23, 11:00 AM	0.0	0.0	6.4	8.7	411.0	1169.8
Nov 23, 12:00 PM	411.0	1.6	26.9	49.2	1266.6	1106.8
Nov 23, 1:00 PM	152.0	0.6	25.2	30.5	1582.0	1094.5
Nov 23, 2:00 PM	18.1	0.1	18.1	19.5	2060.2	1097.8

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 23, 3:00 PM	122.1	0.7	16.5	18.7	2017.7	1112.2
Nov 23, 4:00 PM	73.7	0.4	19.0	23.7	2221.9	1117.2
Nov 23, 5:00 PM	138.8	1.0	20.1	25.7	2983.4	1120.9
Nov 23, 6:00 PM	78.2	1.3	20.0	18.7	6403.9	1111.2
Nov 23, 7:00 PM	257.9	8.5	34.3	50.5	12606.8	1133.4
Nov 23, 8:00 PM	124.8	6.0	30.3	40.3	16645.1	1118.8
Nov 23, 9:00 PM	446.3	26.5	23.1	24.1	22003.3	1107.4
Nov 23, 10:00 PM	685.9	54.5	25.7	25.2	29641.6	1106.4
Nov 23, 11:00 PM	630.8	66.3	25.2	28.9	39438.1	1112.8
Nov 24, 12:00 AM	592.0	61.8	23.8	26.5	38978.8	1112.1
Nov 24, 1:00 AM	240.0	11.5	21.1	23.0	17957.3	1128.8
Nov 24, 2:00 AM	101.2	0.7	21.0	15.7	2570.7	1162.0
Nov 24, 3:00 AM	951.8	5.9	17.6	16.4	2182.2	1159.9
Nov 24, 4:00 AM	900.6	6.6	20.5	21.8	2729.5	1124.2
Nov 24, 5:00 AM	1001.8	7.7	26.1	35.1	2811.9	1134.7
Nov 24, 6:00 AM	903.8	5.7	25.3	36.7	2265.1	1116.0
Nov 24, 7:00 AM	844.1	5.6	23.9	31.5	2421.8	1112.1
Nov 24, 8:00 AM	845.7	6.1	24.8	28.3	2619.0	1110.6
Nov 24, 9:00 AM	847.8	7.1	27.4	26.0	3056.9	1112.0
Nov 24, 10:00 AM	745.7	6.2	26.9	27.3	3089.1	1107.0
Nov 24, 11:00 AM	829.3	7.6	22.0	26.2	3380.0	1113.2
Nov 24, 12:00 PM	794.4	7.6	28.2	28.1	3517.2	1119.7
Nov 24, 1:00 PM	883.7	8.1	29.1	39.6	3355.1	1116.8
Nov 24, 2:00 PM	838.4	7.3	23.7	34.8	3176.8	1110.8
Nov 24, 3:00 PM	845.8	7.8	33.0	47.6	3354.7	1120.7
Nov 24, 4:00 PM	823.3	7.2	36.2	52.1	3141.0	1122.2
Nov 24, 5:00 PM	812.7	6.0	36.1	62.1	2623.5	1121.9
Nov 24, 6:00 PM	774.6	7.0	33.1	55.9	3255.2	1115.6

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 24, 7:00 PM	832.9	7.7	33.0	50.3	3332.7	1110.9
Nov 24, 8:00 PM	834.2	12.1	37.6	56.8	5330.2	1124.7
Nov 24, 9:00 PM	800.6	9.6	31.2	45.2	4346.4	1113.2
Nov 24, 10:00 PM	798.2	5.6	25.7	41.4	2554.6	1103.8
Nov 24, 11:00 PM	832.3	6.8	24.3	40.3	2996.7	1106.4
Nov 25, 12:00 AM	816.1	7.6	24.4	34.7	3408.3	1106.4
Nov 25, 1:00 AM	835.6	6.5	24.9	31.5	2852.2	1098.7
Nov 25, 2:00 AM	836.7	6.9	24.6	29.6	3047.8	1097.9
Nov 25, 3:00 AM	819.3	6.9	21.7	29.6	3097.4	1098.3
Nov 25, 4:00 AM	787.9	6.8	24.8	28.2	3166.1	1093.0
Nov 25, 5:00 AM	809.7	7.4	26.7	42.1	3356.6	1111.3
Nov 25, 6:00 AM	658.4	6.0	29.7	41.1	3298.4	1102.2
Nov 25, 7:00 AM	776.9	5.1	24.3	35.6	2374.5	1101.5
Nov 25, 8:00 AM	784.5	6.3	27.0	30.4	2952.7	1102.5
Nov 25, 9:00 AM	781.5	9.0	23.0	30.8	4297.8	1110.5
Nov 25, 10:00 AM	777.6	7.1	23.4	29.1	3357.8	1105.6
Nov 25, 11:00 AM	812.7	9.8	27.9	29.7	4453.9	1113.5
Nov 25, 12:00 PM	783.7	4.9	24.0	30.9	2264.4	1100.8
Nov 25, 1:00 PM	773.6	6.5	26.2	28.2	3086.9	1103.6
Nov 25, 2:00 PM	782.1	6.6	24.0	28.6	3125.9	1102.2
Nov 25, 3:00 PM	752.4	6.5	25.6	30.2	3171.1	1108.2
Nov 25, 4:00 PM	783.4	6.0	29.2	40.7	2776.6	1116.9
Nov 25, 5:00 PM	756.7	6.3	33.2	46.1	3007.5	1112.4
Nov 25, 6:00 PM	734.8	6.1	30.2	42.9	3010.7	1113.4
Nov 25, 7:00 PM	693.9	5.7	30.3	41.8	2994.7	1115.5
Nov 25, 8:00 PM	766.9	6.5	32.5	55.7	3046.1	1125.9
Nov 25, 9:00 PM	784.1	7.3	31.1	48.1	3369.0	1124.2
Nov 25, 10:00 PM	786.6	7.3	31.6	43.7	3358.0	1119.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 25, 11:00 PM	672.3	5.6	32.4	41.2	3031.9	1113.2
Nov 26, 12:00 AM	789.0	6.2	33.3	53.9	2841.2	1122.9
Nov 26, 1:00 AM	792.1	6.5	33.2	53.1	2962.3	1120.1
Nov 26, 2:00 AM	821.5	7.5	30.5	47.3	3304.4	1123.4
Nov 26, 3:00 AM	772.7	11.9	31.0	42.6	5704.4	1146.1
Nov 26, 4:00 AM	778.8	6.8	26.1	44.8	3236.6	1126.0
Nov 26, 5:00 AM	760.1	12.3	27.9	41.2	6025.2	1102.0
Nov 26, 6:00 AM	725.2	5.7	27.8	40.3	2770.9	1049.8
Nov 26, 7:00 AM	697.3	2.0	25.4	43.3	970.2	1075.3
Nov 26, 8:00 AM	800.1	5.3	27.0	40.1	2419.8	1101.3
Nov 26, 9:00 AM	791.4	5.8	26.6	38.8	2639.7	1104.0
Nov 26, 10:00 AM	769.2	5.6	25.4	49.5	2642.7	1112.7
Nov 26, 11:00 AM	769.9	5.8	32.4	53.5	2694.3	1113.9
Nov 26, 12:00 PM	639.8	4.1	31.6	50.7	2577.5	1112.9
Nov 26, 1:00 PM	383.3	2.7	30.6	58.9	2158.1	1129.9
Nov 26, 2:00 PM	170.0	0.4	14.0	23.9	1012.1	1168.8
Nov 26, 3:00 PM	908.9	3.6	21.0	30.2	1407.7	1142.5
Nov 26, 4:00 PM	767.9	4.1	17.1	26.2	1734.2	1132.3
Nov 26, 5:00 PM	932.1	6.8	26.0	39.1	2634.0	1110.0
Nov 26, 6:00 PM	836.2	6.5	26.9	37.8	2820.2	1088.7
Nov 26, 7:00 PM	675.7	5.7	30.0	35.7	3069.4	1077.2
Nov 26, 8:00 PM	814.1	6.7	26.7	48.1	2953.2	1086.8
Nov 26, 9:00 PM	818.2	7.5	26.4	48.2	3342.3	1081.0
Nov 26, 10:00 PM	771.5	7.1	26.2	41.5	3365.6	1078.7
Nov 26, 11:00 PM	791.5	7.5	25.7	39.2	3485.3	1080.7
Nov 27, 12:00 AM	744.4	6.0	22.1	36.4	2947.0	1070.8
Nov 27, 1:00 AM	790.2	6.8	23.6	35.6	3136.9	1066.5
Nov 27, 2:00 AM	801.8	7.0	24.5	34.9	3192.3	1068.5



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 27, 3:00 AM	781.6	6.8	21.8	33.1	3177.4	1063.2
Nov 27, 4:00 AM	731.0	6.4	19.9	32.7	3238.1	1064.1
Nov 27, 5:00 AM	820.5	7.2	23.7	41.9	3227.2	1076.2
Nov 27, 6:00 AM	813.6	7.2	25.2	44.3	3240.5	1073.8
Nov 27, 7:00 AM	790.9	6.4	24.5	41.3	2938.3	1070.8
Nov 27, 8:00 AM	822.7	6.6	26.4	45.1	2868.7	1082.5
Nov 27, 9:00 AM	817.9	7.0	27.7	46.9	3111.8	1082.1
Nov 27, 10:00 AM	816.9	8.5	26.1	47.8	3824.3	1090.2
Nov 27, 11:00 AM	776.7	5.4	24.5	44.9	2518.0	1080.3
Nov 27, 12:00 PM	809.7	6.3	25.1	44.7	2854.1	1089.1
Nov 27, 1:00 PM	792.5	5.8	20.8	42.2	2723.6	1089.0
Nov 27, 2:00 PM	783.7	5.4	29.9	49.6	2520.1	1077.4
Nov 27, 3:00 PM	783.2	6.0	29.9	52.4	2706.5	1090.0
Nov 27, 4:00 PM	806.3	6.0	26.3	55.4	2657.6	1091.2
Nov 27, 5:00 PM	796.2	5.5	27.2	50.6	2494.5	1084.5
Nov 27, 6:00 PM	778.8	5.6	22.5	52.1	2562.3	1084.1
Nov 27, 7:00 PM	707.5	4.8	27.9	50.0	2476.9	1079.2
Nov 27, 8:00 PM	841.7	5.8	30.8	60.0	2430.2	1092.2
Nov 27, 9:00 PM	822.8	5.7	31.2	58.2	2468.6	1086.5
Nov 27, 10:00 PM	817.2	5.9	32.7	53.0	2603.2	1082.5
Nov 27, 11:00 PM	827.2	6.0	24.6	47.8	2596.6	1079.1
Nov 28, 12:00 AM	780.0	5.3	26.2	45.5	2467.3	1081.0
Nov 28, 1:00 AM	795.9	5.3	23.9	53.3	2362.0	1086.4
Nov 28, 2:00 AM	768.5	5.5	28.6	54.4	2571.4	1088.1
Nov 28, 3:00 AM	735.9	5.5	32.8	50.3	2671.1	1086.1
Nov 28, 4:00 AM	706.7	2.9	26.9	49.1	1459.9	1077.1
Nov 28, 5:00 AM	835.6	5.1	26.9	50.9	2151.8	1086.1
Nov 28, 6:00 AM	783.9	5.2	25.6	58.5	2352.2	1095.4

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 28, 7:00 AM	781.4	5.5	27.5	53.6	2526.1	1091.6
Nov 28, 8:00 AM	759.5	4.3	25.0	48.3	2006.5	1086.9
Nov 28, 9:00 AM	745.7	4.9	25.9	46.3	2370.0	1086.0
Nov 28, 10:00 AM	731.0	4.9	28.7	44.7	2401.6	1088.6
Nov 28, 11:00 AM	728.6	5.4	24.4	42.6	2683.8	1091.0
Nov 28, 12:00 PM	676.4	5.5	28.9	42.2	2900.1	1094.9
Nov 28, 1:00 PM	694.6	2.6	21.5	45.5	1302.1	1091.0
Nov 28, 2:00 PM	759.5	4.7	28.0	55.8	2183.9	1109.3
Nov 28, 3:00 PM	774.5	5.5	28.6	50.4	2552.4	1110.0
Nov 28, 4:00 PM	771.9	4.6	29.5	46.7	2138.8	1101.3
Nov 28, 5:00 PM	781.7	5.1	28.1	43.3	2351.6	1094.8
Nov 28, 6:00 PM	756.6	5.1	26.0	40.8	2438.7	1092.7
Nov 28, 7:00 PM	526.6	3.7	21.9	41.1	2836.3	1095.7
Nov 28, 8:00 PM	814.3	4.4	28.6	43.6	1922.1	1092.4
Nov 28, 9:00 PM	823.0	5.3	23.7	51.0	2323.8	1093.2
Nov 28, 10:00 PM	780.9	5.3	26.1	46.8	2439.0	1094.3
Nov 28, 11:00 PM	816.4	5.2	25.6	42.4	2278.0	1089.8
Nov 29, 12:00 AM	786.7	5.3	23.7	41.7	2451.9	1089.2
Nov 29, 1:00 AM	806.7	5.4	22.9	46.9	2419.0	1095.3
Nov 29, 2:00 AM	795.0	5.4	28.7	48.3	2450.7	1095.4
Nov 29, 3:00 AM	768.3	5.2	30.5	46.2	2439.3	1089.2
Nov 29, 4:00 AM	763.9	5.2	21.9	43.1	2441.1	1086.5
Nov 29, 5:00 AM	792.4	5.4	24.0	38.2	2450.4	1085.3
Nov 29, 6:00 AM	797.7	5.5	23.7	36.5	2488.6	1085.4
Nov 29, 7:00 AM	772.0	5.1	24.9	35.4	2408.4	1084.7
Nov 29, 8:00 AM	769.7	5.2	23.6	35.5	2450.1	1086.5
Nov 29, 9:00 AM	809.8	5.7	22.5	35.8	2579.9	1087.7
Nov 29, 10:00 AM	784.4	5.8	22.7	37.1	2674.7	1095.7

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 29, 11:00 AM	779.9	5.2	25.1	37.4	2432.0	1098.3
Nov 29, 12:00 PM	643.1	5.4	24.9	38.4	3101.1	1107.1
Nov 29, 1:00 PM	803.9	6.7	31.1	45.1	3026.7	1115.5
Nov 29, 2:00 PM	783.3	9.3	29.2	51.2	4337.8	1128.6
Nov 29, 3:00 PM	721.1	9.3	31.6	45.7	4746.4	1136.5
Nov 29, 4:00 PM	767.0	8.1	27.8	41.4	3873.6	1142.0
Nov 29, 5:00 PM	777.5	5.7	31.8	47.2	2624.0	1117.2
Nov 29, 6:00 PM	760.3	2.7	33.6	49.8	1231.5	1085.0
Nov 29, 7:00 PM	754.2	3.2	25.4	45.4	1453.1	1078.1
Nov 29, 8:00 PM	790.7	6.8	27.4	42.7	3102.8	1088.7
Nov 29, 9:00 PM	815.9	5.9	26.2	44.3	2631.8	1077.4
Nov 29, 10:00 PM	782.9	2.2	32.1	44.5	943.3	1058.1
Nov 29, 11:00 PM	789.2	4.6	24.0	42.3	2080.5	1069.2
Nov 30, 12:00 AM	802.1	4.6	27.9	44.8	2058.7	1074.6
Nov 30, 1:00 AM	775.2	6.9	27.1	44.8	3254.2	1081.4
Nov 30, 2:00 AM	785.0	7.3	26.4	42.1	3402.5	1081.4
Nov 30, 3:00 AM	787.1	5.1	26.6	39.4	2350.2	1073.0
Nov 30, 4:00 AM	808.5	4.6	26.5	38.6	2063.7	1072.6
Nov 30, 5:00 AM	812.2	5.9	32.9	35.0	2627.3	1076.4
Nov 30, 6:00 AM	814.9	6.6	25.9	34.2	2966.2	1079.1
Nov 30, 7:00 AM	784.8	4.8	28.8	34.4	2230.3	1076.0
Nov 30, 8:00 AM	799.0	4.9	28.1	39.0	2198.3	1089.9
Nov 30, 9:00 AM	737.2	2.0	34.9	42.4	894.2	1082.4
Nov 30, 10:00 AM	708.0	3.4	25.8	39.4	1655.6	970.7
Nov 30, 11:00 AM	3.7	0.0	26.4	35.5	1820.2	889.4
Nov 30, 12:00 PM	4.2	0.0	24.3	38.7	1795.1	919.6
Nov 30, 1:00 PM	189.9	1.0	31.4	46.0	1834.5	947.2
Nov 30, 2:00 PM	810.4	4.0	25.7	42.3	1754.7	942.7

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 30, 3:00 PM	664.9	3.3	27.0	38.9	1785.2	947.6
Nov 30, 4:00 PM	53.1	0.4	28.2	40.3	2027.7	999.6
Nov 30, 5:00 PM	832.7	4.0	36.5	48.6	1692.5	1099.0
Nov 30, 6:00 PM	871.6	5.3	32.6	51.4	2179.0	1102.4
Nov 30, 7:00 PM	612.5	4.0	32.8	54.2	2312.1	1111.2
Nov 30, 8:00 PM	824.9	12.1	38.4	60.8	5337.1	1142.8
Nov 30, 9:00 PM	765.3	6.2	34.4	61.9	2971.3	1119.9
Nov 30, 10:00 PM	774.1	4.4	37.7	56.5	2020.1	1109.0
Nov 30, 11:00 PM	646.4	4.5	35.1	56.8	2468.9	1113.6
Dec 1, 12:00 AM	826.1	5.1	34.5	59.9	2161.7	1113.4
Dec 1, 1:00 AM	836.0	6.0	36.3	60.1	2562.4	1096.6
Dec 1, 2:00 AM	811.3	6.3	35.2	54.7	2778.7	1092.6
Dec 1, 3:00 AM	774.4	8.0	30.8	50.2	3739.1	1090.6
Dec 1, 4:00 AM	759.1	10.2	30.3	44.2	4934.1	1092.3
Dec 1, 5:00 AM	850.8	7.2	33.0	50.6	3052.0	1080.7
Dec 1, 6:00 AM	802.5	4.4	34.9	52.3	1921.3	1074.0
Dec 1, 7:00 AM	760.4	5.2	34.7	50.7	2447.7	1078.4
Dec 1, 8:00 AM	806.1	5.5	34.0	47.2	2438.3	1083.9
Dec 1, 9:00 AM	678.5	2.7	37.7	50.8	1332.9	1084.5
Dec 1, 10:00 AM	682.7	2.7	35.1	52.9	1319.0	1097.5
Dec 1, 11:00 AM	740.8	4.1	34.7	53.8	1958.6	1104.5
Dec 1, 12:00 PM	755.9	4.6	36.0	50.7	2133.1	1104.9
Dec 1, 1:00 PM	729.1	4.6	37.9	51.5	2252.6	1098.5
Dec 1, 2:00 PM	754.0	4.8	46.8	58.5	2225.0	1099.4
Dec 1, 3:00 PM	14.1	0.1	39.8	61.1	2218.7	1057.0
Dec 1, 4:00 PM	97.1	0.6	37.8	55.1	2279.9	1076.4
Dec 1, 5:00 PM	794.5	5.2	35.2	57.6	2341.9	1089.6
Dec 1, 6:00 PM	798.4	5.3	33.3	58.6	2342.6	1085.8

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 1, 7:00 PM	682.4	5.4	35.0	53.9	2807.0	1085.4
Dec 1, 8:00 PM	776.9	7.4	31.8	54.2	3456.1	1071.9
Dec 1, 9:00 PM	791.5	5.1	35.4	56.5	2299.1	1075.5
Dec 1, 10:00 PM	760.2	5.1	33.9	51.8	2389.1	1070.2
Dec 1, 11:00 PM	702.0	4.7	31.4	48.3	2410.9	1067.0
Dec 2, 12:00 AM	788.6	5.1	35.9	52.0	2282.8	1070.4
Dec 2, 1:00 AM	761.5	4.6	30.6	53.6	2163.9	1067.6
Dec 2, 2:00 AM	457.9	2.9	30.8	50.8	2203.8	1067.1
Dec 2, 3:00 AM	834.1	5.4	29.3	46.7	2310.4	1068.8
Dec 2, 4:00 AM	804.6	5.1	31.1	44.6	2255.5	1062.4
Dec 2, 5:00 AM	792.1	5.1	33.9	44.3	2289.7	1063.9
Dec 2, 6:00 AM	762.8	5.1	30.9	43.4	2397.8	1068.6
Dec 2, 7:00 AM	829.9	10.6	28.0	44.8	4661.3	1098.1
Dec 2, 8:00 AM	800.7	14.4	33.3	51.6	6676.6	1117.5
Dec 2, 9:00 AM	799.0	16.3	33.3	52.2	7586.0	1118.6
Dec 2, 10:00 AM	761.6	13.1	33.6	55.3	6362.1	1111.0
Dec 2, 11:00 AM	759.0	13.6	33.2	56.9	6608.8	1112.7
Dec 2, 12:00 PM	765.3	16.7	38.6	55.9	8106.3	1125.4
Dec 2, 1:00 PM	753.6	14.9	39.8	53.5	7254.5	1117.2
Dec 2, 2:00 PM	722.9	3.6	38.7	56.3	1724.5	1085.1
Dec 2, 3:00 PM	721.8	4.6	37.2	61.1	2248.0	1089.5
Dec 2, 4:00 PM	877.4	4.8	30.0	44.6	1926.6	1045.4
Dec 2, 5:00 PM	664.6	2.0	18.6	22.6	1074.4	956.2
Dec 2, 6:00 PM	592.0	1.7	14.6	20.7	1006.5	947.0
Dec 2, 7:00 PM	526.1	2.6	19.8	27.6	1707.5	984.5
Dec 2, 8:00 PM	592.6	6.6	18.5	20.9	4160.9	975.9
Dec 2, 9:00 PM	558.8	3.2	16.0	17.7	2103.0	944.7
Dec 2, 10:00 PM	622.1	1.9	14.5	18.2	1119.9	940.6

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 2, 11:00 PM	553.1	1.8	15.0	20.6	1152.8	948.7
Dec 3, 12:00 AM	617.4	1.8	11.6	17.9	1076.3	940.7
Dec 3, 1:00 AM	608.2	1.7	14.5	18.3	1009.8	934.8
Dec 3, 2:00 AM	635.8	1.8	17.0	19.2	1018.6	936.1
Dec 3, 3:00 AM	662.3	1.9	14.1	17.2	1026.5	938.9
Dec 3, 4:00 AM	615.8	1.8	12.1	17.8	1047.2	940.7
Dec 3, 5:00 AM	614.8	1.8	12.6	18.8	1052.3	939.8
Dec 3, 6:00 AM	611.8	1.7	10.6	17.6	1003.4	940.0
Dec 3, 7:00 AM	623.1	2.2	14.4	23.8	1255.6	954.7
Dec 3, 8:00 AM	620.8	1.8	15.0	20.3	1051.3	944.5
Dec 3, 9:00 AM	600.0	2.0	13.7	21.7	1169.3	950.4
Dec 3, 10:00 AM	565.6	2.0	18.6	24.5	1258.0	954.3
Dec 3, 11:00 AM	502.2	1.6	13.1	21.8	1124.1	935.0
Dec 3, 12:00 PM	500.3	1.7	16.9	22.0	1234.9	934.6
Dec 3, 1:00 PM	405.3	1.5	15.7	25.3	1402.1	934.7
Dec 3, 2:00 PM	483.4	1.5	17.7	21.4	1086.0	915.6
Dec 3, 3:00 PM	537.1	1.7	15.0	22.9	1227.2	931.9
Dec 3, 4:00 PM	24.8	0.1	20.6	30.7	1849.0	965.7
Dec 3, 5:00 PM	12.1	0.1	16.6	18.1	3571.4	933.2
Dec 3, 6:00 PM	22.5	0.1	16.4	19.0	1083.9	909.3
Dec 3, 7:00 PM	457.3	1.7	16.5	24.6	1322.7	946.7
Dec 3, 8:00 PM	727.3	2.2	17.0	24.1	1088.2	942.1
Dec 3, 9:00 PM	758.7	2.5	15.6	26.2	1195.5	951.1
Dec 3, 10:00 PM	695.3	2.4	18.4	28.5	1221.8	960.2
Dec 3, 11:00 PM	685.3	2.2	15.9	26.9	1157.2	956.5
Dec 4, 12:00 AM	645.0	2.2	15.7	29.9	1237.6	968.5
Dec 4, 1:00 AM	584.7	2.2	21.9	32.4	1310.1	973.9
Dec 4, 2:00 AM	563.6	1.9	22.0	30.6	1170.2	973.2

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 4, 3:00 AM	567.9	1.9	18.0	28.9	1186.6	967.0
Dec 4, 4:00 AM	548.6	1.9	15.5	26.7	1237.7	972.0
Dec 4, 5:00 AM	540.3	1.9	17.5	27.4	1283.8	979.7
Dec 4, 6:00 AM	541.0	2.0	18.7	28.8	1317.0	979.3
Dec 4, 7:00 AM	427.6	1.5	21.8	27.6	1282.5	976.9
Dec 4, 8:00 AM	519.4	1.5	10.3	23.6	1084.3	956.3
Dec 4, 9:00 AM	534.6	1.7	13.9	20.4	1153.9	952.7
Dec 4, 10:00 AM	304.2	1.4	18.4	23.4	1769.3	974.6
Dec 4, 11:00 AM	348.5	2.6	14.5	21.6	2664.2	979.0
Dec 4, 12:00 PM	406.8	3.6	22.2	23.8	3306.2	1000.2
Dec 4, 1:00 PM	404.8	2.1	23.3	30.8	1864.9	996.7
Dec 4, 2:00 PM	550.0	1.9	21.3	30.5	1220.5	992.2
Dec 4, 3:00 PM	579.8	2.2	20.7	28.8	1355.0	981.3
Dec 4, 4:00 PM	582.3	2.1	16.8	26.3	1301.8	974.4
Dec 4, 5:00 PM	570.0	1.8	17.1	25.5	1118.3	961.4
Dec 4, 6:00 PM	559.5	1.9	17.3	25.9	1205.0	964.7
Dec 4, 7:00 PM	529.0	1.9	17.4	25.8	1286.7	967.6
Dec 4, 8:00 PM	521.3	2.0	15.8	24.1	1370.1	962.3
Dec 4, 9:00 PM	473.7	1.3	16.3	21.4	1013.4	945.1
Dec 4, 10:00 PM	29.2	0.1	9.0	18.4	780.9	912.8
Dec 4, 11:00 PM	11.4	0.0	9.4	13.5	1448.3	904.7
Dec 5, 12:00 AM	12.6	0.0	11.7	18.1	967.1	899.0
Dec 5, 1:00 AM	18.4	0.0	6.3	16.8	861.7	897.2
Dec 5, 2:00 AM	215.0	0.3	9.6	11.4	527.9	890.4
Dec 5, 3:00 AM	381.2	0.4	5.4	7.1	366.2	885.3
Dec 5, 4:00 AM	431.9	1.0	11.1	16.0	850.7	895.6
Dec 5, 5:00 AM	550.0	1.2	8.2	14.7	787.9	898.5
Dec 5, 6:00 AM	547.2	1.2	7.6	15.3	783.0	897.0

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Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 5, 7:00 AM	333.2	0.7	9.5	13.4	691.9	891.3
Dec 5, 8:00 AM	218.9	0.6	10.8	15.7	944.8	892.4
Dec 5, 9:00 AM	479.8	1.7	14.9	22.6	1279.2	922.4
Dec 5, 10:00 AM	454.4	3.1	13.2	13.8	2566.9	935.7
Dec 5, 11:00 AM	405.1	3.0	12.4	13.8	2818.4	929.6
Dec 5, 12:00 PM	530.8	3.0	13.3	12.6	2003.3	922.5
Dec 5, 1:00 PM	180.4	0.3	10.9	14.1	627.8	910.6
Dec 5, 2:00 PM	133.2	0.2	7.1	10.5	534.7	902.0
Dec 5, 3:00 PM	21.9	0.0	8.0	10.9	552.9	900.7
Dec 5, 4:00 PM	80.4	0.1	10.8	11.4	610.5	899.4
Dec 5, 5:00 PM	9.0	0.0	6.0	9.3	521.7	890.4
Dec 5, 6:00 PM	141.8	0.2	6.5	9.4	510.8	886.4
Dec 5, 7:00 PM	162.2	0.3	8.7	13.1	743.5	893.9
Dec 5, 8:00 PM	452.9	1.0	9.5	13.2	785.4	899.7
Dec 5, 9:00 PM	648.0	1.4	7.4	13.3	765.2	900.8
Dec 5, 10:00 PM	665.1	1.5	11.1	14.2	805.6	902.1
Dec 5, 11:00 PM	597.6	1.3	8.0	13.8	813.1	903.3
Dec 6, 12:00 AM	571.3	1.9	12.6	20.2	1227.1	922.1
Dec 6, 1:00 AM	301.5	1.2	13.8	21.6	1415.1	932.8
Dec 6, 2:00 AM	339.3	1.3	14.8	22.4	1415.0	933.8
Dec 6, 3:00 AM	327.9	1.2	15.1	21.5	1345.7	933.3
Dec 6, 4:00 AM	397.4	1.4	12.4	20.3	1324.8	935.4
Dec 6, 5:00 AM	514.0	1.7	13.4	18.9	1225.1	927.5
Dec 6, 6:00 AM	580.3	1.9	11.9	18.0	1162.8	927.3
Dec 6, 7:00 AM	603.2	2.0	12.8	18.4	1188.2	929.5
Dec 6, 8:00 AM	616.1	2.4	13.3	19.2	1433.9	938.2
Dec 6, 9:00 AM	607.8	1.7	13.9	17.9	1026.2	924.4
Dec 6, 10:00 AM	553.5	1.6	12.7	18.1	1073.2	927.9



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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 6, 11:00 AM	579.1	2.9	16.3	19.9	1839.6	930.2
Dec 6, 12:00 PM	453.9	3.9	17.2	23.1	3175.8	942.2
Dec 6, 1:00 PM	65.2	0.5	23.2	26.2	2429.6	930.4
Dec 6, 2:00 PM	6.3	0.0	22.5	28.2	2052.6	926.8
Dec 6, 3:00 PM	6.9	0.0	21.2	30.2	1723.9	929.1
Dec 6, 4:00 PM	12.3	0.1	18.2	29.5	1705.0	932.1
Dec 6, 5:00 PM	69.9	0.3	18.6	27.1	1551.1	933.3
Dec 6, 6:00 PM	73.7	0.3	18.8	26.3	1279.2	927.8
Dec 6, 7:00 PM	247.0	0.8	15.9	21.5	1196.5	919.2
Dec 6, 8:00 PM	634.8	2.3	13.5	19.5	1298.2	907.3
Dec 6, 9:00 PM	703.8	2.2	11.6	16.5	1123.7	896.3
Dec 6, 10:00 PM	697.9	1.6	7.7	15.2	803.9	896.3
Dec 6, 11:00 PM	646.7	2.0	10.6	12.7	1156.7	905.2
Dec 7, 12:00 AM	518.3	3.3	13.7	15.7	2423.8	930.5
Dec 7, 1:00 AM	301.6	2.9	17.7	17.4	4082.6	953.8
Dec 7, 2:00 AM	6.6	0.1	18.0	15.4	3921.7	943.6
Dec 7, 3:00 AM	234.4	1.3	14.7	13.7	2227.5	930.6
Dec 7, 4:00 AM	551.5	4.4	16.6	19.3	2971.3	963.1
Dec 7, 5:00 AM	642.0	6.2	20.6	20.2	3597.9	972.1
Dec 7, 6:00 AM	650.8	2.6	18.3	23.6	1447.7	957.5
Dec 7, 7:00 AM	641.5	3.1	19.6	26.5	1743.9	980.4
Dec 7, 8:00 AM	651.5	11.5	21.4	23.6	6629.7	1025.2
Dec 7, 9:00 AM	590.8	6.8	20.5	26.2	4304.6	992.9
Dec 7, 10:00 AM	597.4	8.9	24.4	24.8	5512.5	1003.4
Dec 7, 11:00 AM	571.7	8.1	18.6	25.7	5248.6	999.6
Dec 7, 12:00 PM	586.1	12.4	22.5	23.1	7796.3	1013.4
Dec 7, 1:00 PM	643.3	10.9	26.3	30.4	6287.0	1020.9
Dec 7, 2:00 PM	471.0	7.8	27.8	32.9	6135.9	1029.5

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 7, 3:00 PM	361.3	4.5	27.8	37.2	5318.8	1028.5
Dec 7, 4:00 PM	13.1	0.3	25.0	37.3	7470.1	1039.5
Dec 7, 5:00 PM	8.4	0.1	20.8	34.0	3330.4	990.2
Dec 7, 6:00 PM	21.0	0.1	22.9	31.2	1782.3	974.5
Dec 7, 7:00 PM	188.3	1.0	25.6	35.3	1838.5	998.7
Dec 7, 8:00 PM	306.6	3.5	26.0	38.9	3397.9	1018.4
Dec 7, 9:00 PM	599.5	7.9	29.8	39.0	4943.8	1023.1
Dec 7, 10:00 PM	736.9	14.6	27.7	37.4	7379.6	1045.7
Dec 7, 11:00 PM	634.2	11.3	28.6	35.3	6667.7	1030.0
Dec 8, 12:00 AM	624.4	7.9	28.2	35.7	4694.0	1006.5
Dec 8, 1:00 AM	578.9	6.5	22.5	33.6	4146.9	999.1
Dec 8, 2:00 AM	516.2	2.9	24.0	32.1	1990.3	988.9
Dec 8, 3:00 AM	561.4	2.7	21.3	31.8	1716.2	988.9
Dec 8, 4:00 AM	570.9	2.5	20.7	33.5	1555.3	984.6
Dec 8, 5:00 AM	594.2	2.4	16.4	30.8	1457.2	974.7
Dec 8, 6:00 AM	577.1	2.3	19.3	29.7	1410.4	969.5
Dec 8, 7:00 AM	220.2	1.0	23.9	35.2	1689.9	990.3
Dec 8, 8:00 AM	401.1	1.9	21.1	32.1	1716.3	984.6
Dec 8, 9:00 AM	680.4	2.9	22.6	30.3	1547.4	980.7
Dec 8, 10:00 AM	693.6	3.2	21.7	31.2	1639.7	982.2
Dec 8, 11:00 AM	698.2	3.1	21.6	31.2	1617.4	981.6
Dec 8, 12:00 PM	642.7	2.5	19.8	27.2	1384.2	948.2
Dec 8, 1:00 PM	646.3	4.4	17.6	27.4	2398.8	958.0
Dec 8, 2:00 PM	327.2	5.1	19.2	25.9	4246.4	958.9
Dec 8, 3:00 PM	10.4	0.1	16.1	24.4	2545.5	936.7
Dec 8, 4:00 PM	760.5	21.3	25.3	34.0	9492.6	1105.5
Dec 8, 5:00 PM	736.7	8.9	23.3	32.5	4222.6	1259.3
Dec 8, 6:00 PM	39.1	0.2	16.3	25.3	1627.2	1148.0

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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 8, 7:00 PM	7.7	0.0	9.6	15.1	772.7	991.2
Dec 8, 8:00 PM	12.0	0.0	10.7	17.1	677.2	939.9
Dec 8, 9:00 PM	52.6	0.1	9.2	18.1	724.2	909.4
Dec 8, 10:00 PM	373.3	0.6	8.4	13.4	540.3	893.1
Dec 8, 11:00 PM	703.5	1.5	12.8	18.0	778.0	914.0
Dec 9, 12:00 AM	709.7	1.8	10.0	19.4	918.2	920.1
Dec 9, 1:00 AM	658.6	1.5	12.9	17.7	793.9	916.3
Dec 9, 2:00 AM	617.7	1.4	11.4	17.5	791.3	909.5
Dec 9, 3:00 AM	503.4	1.1	8.9	18.3	790.9	908.4
Dec 9, 4:00 AM	441.2	1.1	10.8	18.8	893.2	918.0
Dec 9, 5:00 AM	456.2	1.0	9.1	16.9	761.9	897.9
Dec 9, 6:00 AM	345.3	0.7	9.0	17.2	782.7	904.4
Dec 9, 7:00 AM	412.6	1.0	10.9	19.0	856.9	915.9
Dec 9, 8:00 AM	421.5	0.9	8.6	15.1	721.9	906.8
Dec 9, 9:00 AM	323.7	0.5	8.4	14.9	610.2	897.7
Dec 9, 10:00 AM	318.0	0.6	12.0	14.5	662.7	908.7
Dec 9, 11:00 AM	186.2	0.4	13.4	17.4	734.5	901.4
Dec 9, 12:00 PM	52.8	0.1	11.7	15.3	618.0	884.1
Dec 9, 1:00 PM	68.0	0.1	8.3	15.5	656.5	880.1
Dec 9, 2:00 PM	435.3	7.8	50.8	54.6	6785.8	1255.0
Dec 9, 3:00 PM	400.4	4.8	28.2	18.1	4253.0	1064.5
Dec 9, 4:00 PM	4.1	0.0	14.6	12.2	2345.2	963.0
Dec 9, 5:00 PM	7.3	0.0	12.5	10.3	1631.9	924.1
Dec 9, 6:00 PM	4.8	0.0	7.9	7.2	1007.6	894.7
Dec 9, 7:00 PM	25.5	0.0	5.2	4.5	332.4	853.9
Dec 9, 8:00 PM	420.1	0.6	5.2	9.0	499.8	867.0
Dec 9, 9:00 PM	594.3	0.7	9.6	6.5	427.0	861.9
Dec 9, 10:00 PM	643.8	0.7	5.2	8.3	406.7	861.4

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 9, 11:00 PM	580.0	0.6	5.4	6.8	379.5	855.8
Dec 10, 12:00 AM	462.8	0.5	9.4	7.8	391.7	859.5
Dec 10, 1:00 AM	414.4	0.4	3.6	8.1	365.9	857.0
Dec 10, 2:00 AM	346.8	0.4	4.9	8.2	385.5	858.1
Dec 10, 3:00 AM	337.6	0.3	2.4	7.1	361.1	855.1
Dec 10, 4:00 AM	210.5	0.2	5.7	7.3	366.2	859.0
Dec 10, 5:00 AM	298.4	0.2	4.8	4.8	301.9	854.7
Dec 10, 6:00 AM	291.2	0.3	6.3	6.6	339.0	858.5
Dec 10, 7:00 AM	310.6	0.5	9.0	13.6	652.6	884.5
Dec 10, 8:00 AM	150.0	0.3	10.7	18.2	711.0	890.2
Dec 10, 9:00 AM	8.6	0.0	6.6	10.7	368.2	858.1
Dec 10, 10:00 AM	116.8	0.1	6.0	9.8	429.9	867.5
Dec 10, 11:00 AM	299.2	0.3	6.1	10.0	402.9	859.9
Dec 10, 12:00 PM	317.0	0.2	5.1	7.6	279.5	855.9
Dec 10, 1:00 PM	473.5	0.2	3.7	4.7	147.6	846.8
Dec 10, 2:00 PM	454.4	0.2	2.2	3.4	129.6	844.6
Dec 10, 3:00 PM	409.6	0.1	6.3	4.1	126.9	843.8
Dec 10, 4:00 PM	382.2	0.2	3.0	4.2	145.3	841.8
Dec 10, 5:00 PM	374.2	0.1	4.8	4.5	136.2	842.6
Dec 10, 6:00 PM	303.6	0.2	4.1	7.6	221.3	850.7
Dec 10, 7:00 PM	132.6	0.2	5.3	13.1	481.8	870.0
Dec 10, 8:00 PM	370.8	0.8	9.4	15.9	786.3	891.2
Dec 10, 9:00 PM	242.1	0.6	12.3	19.4	878.4	903.7
Dec 10, 10:00 PM	242.9	0.6	12.9	18.7	874.2	889.6
Dec 10, 11:00 PM	255.9	0.6	10.2	16.3	5547.9	966.1
Dec 11, 12:00 AM	0.0	0.0	20.2	23.8	12702.3	1225.7
Dec 11, 1:00 AM	0.0	0.0	23.2	31.0	18417.2	1253.7
Dec 11, 2:00 AM	0.0	0.0	27.9	40.2	4216.5	1134.7

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 11, 3:00 AM	0.0	0.0	15.8	20.0	2124.9	1123.0
Dec 11, 4:00 AM	0.0	0.0	11.2	13.2	3349.8	760.2
Dec 11, 5:00 AM	0.0	0.0	8.8	12.2	2278.7	747.2
Dec 11, 6:00 AM	0.0	0.0	11.3	12.5	1919.7	869.1
Dec 11, 7:00 AM	0.0	0.0	7.6	11.6	1669.4	793.4
Dec 11, 8:00 AM	0.0	0.0	9.4	13.4	1306.0	734.2
Dec 11, 9:00 AM	0.0	0.0	9.5	12.2	1113.6	662.6
Dec 11, 10:00 AM	0.0	0.0	8.5	13.3	969.1	663.5
Dec 11, 11:00 AM	0.0	0.0	8.4	13.8	854.7	612.5
Dec 11, 12:00 PM	0.0	0.0	11.3	10.3	744.3	509.7
Dec 11, 1:00 PM	0.0	0.0	6.3	10.9	720.4	520.6
Dec 11, 2:00 PM	0.0	0.0	9.4	12.8	812.6	591.3
Dec 11, 3:00 PM	0.0	0.0	8.6	12.6	679.5	509.4
Dec 11, 4:00 PM	0.0	0.0	5.4	11.7	671.6	486.8
Dec 11, 5:00 PM	0.0	0.0	10.1	10.0	3086.7	383.6
Dec 11, 6:00 PM	0.0	0.0	6.5	9.4	3078.7	488.4
Dec 11, 7:00 PM	0.0	0.0	12.8	11.5	2824.1	482.7
Dec 11, 8:00 PM	0.0	0.0	9.9	13.5	2068.7	791.6
Dec 11, 9:00 PM	0.0	0.0	7.0	12.4	1774.5	852.7
Dec 11, 10:00 PM	0.0	0.0	5.9	8.0	1314.2	409.9
Dec 11, 11:00 PM	0.0	0.0	8.8	9.0	1214.3	464.6
Dec 12, 12:00 AM	51.5	0.1	10.4	11.9	1159.1	871.4
Dec 12, 1:00 AM	0.0	0.0	13.8	14.2	1408.9	919.9
Dec 12, 2:00 AM	0.0	0.0	6.4	7.2	752.5	394.3
Dec 12, 3:00 AM	0.0	0.0	5.1	9.0	814.6	489.1
Dec 12, 4:00 AM	0.0	0.0	5.4	9.8	696.3	876.7
Dec 12, 5:00 AM	0.0	0.0	7.9	14.1	668.1	1004.0
Dec 12, 6:00 AM	0.0	0.0	7.4	14.2	487.9	723.2

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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 12, 7:00 AM	0.0	0.0	4.1	8.3	321.3	485.4
Dec 12, 8:00 AM	0.0	0.0	4.3	10.1	321.0	560.3
Dec 12, 9:00 AM	0.0	0.0	8.1	8.9	268.2	515.4
Dec 12, 10:00 AM	0.0	0.0	10.2	9.2	318.6	644.8
Dec 12, 11:00 AM	0.0	0.0	9.1	9.9	262.8	634.6
Dec 12, 12:00 PM	0.0	0.0	9.3	9.5	207.2	598.0
Dec 12, 1:00 PM	0.0	0.0	11.2	10.9	216.3	528.6
Dec 12, 2:00 PM	0.0	0.0	10.9	13.8	198.9	539.0
Dec 12, 3:00 PM	0.0	0.0	9.0	13.2	185.6	540.7
Dec 12, 4:00 PM	0.0	0.0	10.5	13.2	174.6	508.4
Dec 12, 5:00 PM	0.0	0.0	10.0	13.4	183.2	539.0
Dec 12, 6:00 PM	0.0	0.0	11.6	13.0	184.2	580.7
Dec 12, 7:00 PM	0.0	0.0	10.3	11.4	143.4	491.6
Dec 12, 8:00 PM	0.0	0.0	9.9	9.6	137.4	495.5
Dec 12, 9:00 PM	0.0	0.0	9.4	10.8	139.8	516.3
Dec 12, 10:00 PM	0.0	0.0	8.4	8.6	126.1	477.0
Dec 12, 11:00 PM	0.0	0.0	10.3	9.6	86.6	516.9
Dec 13, 12:00 AM	0.0	0.0	10.3	9.1	101.3	600.4
Dec 13, 1:00 AM	0.0	0.0	7.5	8.6	84.2	551.3
Dec 13, 2:00 AM	0.0	0.0	11.2	8.2	83.9	547.3
Dec 13, 3:00 AM	0.0	0.0	6.6	7.7	82.3	522.6
Dec 13, 4:00 AM	0.0	0.0	7.5	8.0	86.2	498.8
Dec 13, 5:00 AM	0.0	0.0	6.6	7.4	81.8	496.8
Dec 13, 6:00 AM	0.0	0.0	11.1	8.8	61.0	510.7
Dec 13, 7:00 AM	0.0	0.0	7.8	7.3	75.4	526.7
Dec 13, 8:00 AM	0.0	0.0	6.7	7.1	64.1	535.3
Dec 13, 9:00 AM	0.0	0.0	5.2	7.6	61.7	536.7
Dec 13, 10:00 AM	0.0	0.0	7.0	7.5	61.9	567.3

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 13, 11:00 AM	0.0	0.0	4.8	8.1	51.0	545.2
Dec 13, 12:00 PM	0.0	0.0	6.8	9.1	49.0	511.0
Dec 13, 1:00 PM	0.0	0.0	5.2	5.5	40.4	383.1
Dec 13, 2:00 PM	0.0	0.0	9.6	13.1	53.7	464.8
Dec 13, 3:00 PM	0.0	0.0	9.0	12.7	72.2	634.7
Dec 13, 4:00 PM	0.0	0.0	13.1	13.0	74.1	837.5
Dec 13, 5:00 PM	0.0	0.0	12.8	14.3	75.6	984.7
Dec 13, 6:00 PM	0.0	0.0	13.4	14.5	73.3	1041.1
Dec 13, 7:00 PM	0.0	0.0	10.0	14.4	74.2	1043.0
Dec 13, 8:00 PM	0.0	0.0	10.6	14.8	72.5	1053.5
Dec 13, 9:00 PM	0.0	0.0	11.8	14.2	68.4	1052.0
Dec 13, 10:00 PM	0.0	0.0	11.3	13.8	61.7	1043.7
Dec 13, 11:00 PM	0.0	0.0	14.4	14.5	70.1	1043.3
Dec 14, 12:00 AM	0.0	0.0	11.9	13.5	71.5	1046.1
Dec 14, 1:00 AM	0.0	0.0	11.1	12.8	62.8	1046.9
Dec 14, 2:00 AM	0.0	0.0	9.0	13.0	75.5	1048.0
Dec 14, 3:00 AM	0.0	0.0	13.9	14.2	67.4	1046.9
Dec 14, 4:00 AM	0.0	0.0	11.0	13.0	68.7	1041.8
Dec 14, 5:00 AM	0.0	0.0	13.8	13.6	73.6	1040.0
Dec 14, 6:00 AM	0.0	0.0	8.0	13.2	63.7	1038.5
Dec 14, 7:00 AM	0.0	0.0	11.1	14.0	65.8	1039.6
Dec 14, 8:00 AM	0.0	0.0	12.3	12.9	115.0	1058.0
Dec 14, 9:00 AM	0.0	0.0	11.3	14.7	87.7	1050.3
Dec 14, 10:00 AM	0.0	0.0	11.6	13.6	73.9	1052.3
Dec 14, 11:00 AM	0.0	0.0	14.3	16.0	83.2	1028.7
Dec 14, 12:00 PM	0.0	0.0	10.8	19.4	83.3	1021.7
Dec 14, 1:00 PM	0.0	0.0	14.3	20.4	89.2	1064.2
Dec 14, 2:00 PM	0.0	0.0	7.8	15.6	53.5	1122.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 14, 3:00 PM	0.0	0.0	6.1	9.6	38.4	1168.6
Dec 14, 4:00 PM	0.0	0.0	3.9	7.1	29.0	1173.6
Dec 14, 5:00 PM	0.0	0.0	5.6	5.4	28.7	1174.5
Dec 14, 6:00 PM	0.0	0.0	4.8	5.5	28.9	1143.0
Dec 14, 7:00 PM	0.0	0.0	4.8	5.2	30.6	1116.5
Dec 14, 8:00 PM	0.0	0.0	4.5	6.2	28.0	1122.3
Dec 14, 9:00 PM	0.0	0.0	3.7	4.7	25.1	1138.9
Dec 14, 10:00 PM	0.0	0.0	5.3	5.6	25.1	1149.3
Dec 14, 11:00 PM	0.0	0.0	3.1	5.0	28.0	1155.8
Dec 15, 12:00 AM	0.0	0.0	3.4	5.5	26.4	1161.7
Dec 15, 1:00 AM	0.0	0.0	2.5	4.2	64.0	1165.1
Dec 15, 2:00 AM	0.0	0.0	2.7	5.3	156.7	1162.7
Dec 15, 3:00 AM	0.0	0.0	5.3	9.2	90.7	1123.1
Dec 15, 4:00 AM	0.0	0.0	4.1	6.9	57.9	1150.5
Dec 15, 5:00 AM	0.0	0.0	3.7	4.9	96.0	1167.4
Dec 15, 6:00 AM	0.0	0.0	4.6	6.0	107.6	1165.3
Dec 15, 7:00 AM	0.0	0.0	3.5	4.8	95.6	1170.6
Dec 15, 8:00 AM	0.0	0.0	4.3	4.4	88.6	1169.8
Dec 15, 9:00 AM	0.0	0.0	2.6	4.6	93.7	1169.9
Dec 15, 10:00 AM	0.0	0.0	3.4	5.0	85.4	1176.3
Dec 15, 11:00 AM	0.0	0.0	3.1	5.0	142.2	1164.9
Dec 15, 12:00 PM	0.0	0.0	3.9	5.3	200.7	1171.2
Dec 15, 1:00 PM	0.0	0.0	2.9	6.8	250.0	1176.9
Dec 15, 2:00 PM	0.0	0.0	5.5	5.3	201.9	1181.2
Dec 15, 3:00 PM	0.0	0.0	7.7	7.8	361.6	1179.0
Dec 15, 4:00 PM	0.0	0.0	5.1	6.4	323.6	1180.5
Dec 15, 5:00 PM	0.0	0.0	6.0	7.4	390.4	1179.5
Dec 15, 6:00 PM	0.0	0.0	4.5	5.6	419.8	1178.6



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 15, 7:00 PM	0.0	0.0	3.2	7.2	468.4	1177.0
Dec 15, 8:00 PM	0.0	0.0	4.1	6.1	553.7	1177.2
Dec 15, 9:00 PM	0.0	0.0	4.3	6.5	530.2	1173.7
Dec 15, 10:00 PM	0.0	0.0	5.9	5.9	401.3	1173.4
Dec 15, 11:00 PM	0.0	0.0	5.3	6.5	399.9	1176.2
Dec 16, 12:00 AM	0.0	0.0	4.4	8.6	672.1	1171.5
Dec 16, 1:00 AM	0.0	0.0	3.8	8.6	969.5	1168.8
Dec 16, 2:00 AM	0.0	0.0	3.6	8.4	546.0	1159.9
Dec 16, 3:00 AM	0.0	0.0	4.1	7.3	668.4	1164.3
Dec 16, 4:00 AM	0.0	0.0	5.8	6.5	939.0	1168.3
Dec 16, 5:00 AM	0.0	0.0	4.4	8.5	1296.0	1168.2
Dec 16, 6:00 AM	0.0	0.0	5.9	8.2	1694.0	1167.1
Dec 16, 7:00 AM	0.0	0.0	5.2	7.4	1974.8	1165.9
Dec 16, 8:00 AM	0.0	0.0	4.9	8.7	2288.0	1167.4
Dec 16, 9:00 AM	0.0	0.0	6.1	8.3	2937.0	1167.3
Dec 16, 10:00 AM	0.0	0.0	7.2	9.7	4112.7	1165.8
Dec 16, 11:00 AM	0.0	0.0	6.0	10.2	4823.0	1166.2
Dec 16, 12:00 PM	0.0	0.0	8.8	10.0	5163.8	1171.1
Dec 16, 1:00 PM	0.0	0.0	6.4	10.3	4096.5	1175.1
Dec 16, 2:00 PM	0.0	0.0	9.3	10.3	2944.7	1175.4
Dec 16, 3:00 PM	0.0	0.0	9.7	10.6	3176.8	1176.8
Dec 16, 4:00 PM	0.0	0.0	10.2	11.4	3871.8	1182.9
Dec 16, 5:00 PM	0.0	0.0	12.5	13.1	4012.6	1187.6
Dec 16, 6:00 PM	0.0	0.0	12.9	14.2	4549.4	1201.8
Dec 16, 7:00 PM	0.0	0.0	16.0	16.0	6384.3	1248.8
Dec 16, 8:00 PM	0.0	0.0	43.4	44.9	5116.7	1399.8
Dec 16, 9:00 PM	0.0	0.0	74.1	61.7	770.1	1566.0
Dec 16, 10:00 PM	0.0	0.0	56.1	57.6	456.2	1553.6

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 16, 11:00 PM	0.0	0.0	36.9	34.0	372.0	1578.1
Dec 17, 12:00 AM	0.0	0.0	42.5	23.9	388.5	1547.2
Dec 17, 1:00 AM	0.0	0.0	37.2	24.3	1998.5	1485.8
Dec 17, 2:00 AM	0.0	0.0	46.3	33.4	7772.8	1562.4
Dec 17, 3:00 AM	0.0	0.0	48.4	40.9	11310.0	1535.0
Dec 17, 4:00 AM	0.0	0.0	46.7	44.8	10159.4	1537.4
Dec 17, 5:00 AM	0.0	0.0	50.1	50.4	6016.8	1644.1
Dec 17, 6:00 AM	0.0	0.0	47.4	51.1	2814.1	1691.0
Dec 17, 7:00 AM	0.0	0.0	43.9	50.9	1275.6	1703.1
Dec 17, 8:00 AM	0.0	0.0	50.5	51.4	1544.8	1662.8
Dec 17, 9:00 AM	0.0	0.0	68.7	58.8	4603.1	1720.6
Dec 17, 10:00 AM	0.0	0.0	74.7	62.7	7512.8	1713.6
Dec 17, 11:00 AM	0.0	0.0	71.4	64.9	13761.1	1701.5
Dec 17, 12:00 PM	0.0	0.0	63.6	61.7	18704.7	1628.2
Dec 17, 1:00 PM	0.0	0.0	73.1	75.0	20696.5	1701.8
Dec 17, 2:00 PM	0.0	0.0	75.2	63.6	17287.0	1666.1
Dec 17, 3:00 PM	0.0	0.0	78.2	68.8	15718.1	1713.5
Dec 17, 4:00 PM	0.0	0.0	64.0	66.0	14086.3	1662.5
Dec 17, 5:00 PM	0.0	0.0	61.0	58.5	8758.6	1626.1
Dec 17, 6:00 PM	0.0	0.0	50.7	44.3	2511.2	1482.7
Dec 17, 7:00 PM	0.0	0.0	54.6	39.9	1621.3	1462.1
Dec 17, 8:00 PM	0.0	0.0	57.1	39.1	1398.9	1516.3
Dec 17, 9:00 PM	0.0	0.0	53.6	42.9	1357.7	1633.6
Dec 17, 10:00 PM	0.0	0.0	21.8	31.8	904.0	1600.9
Dec 17, 11:00 PM	0.0	0.0	18.4	20.1	1019.3	1293.8
Dec 18, 12:00 AM	0.0	0.0	20.8	19.1	1139.6	1246.2
Dec 18, 1:00 AM	0.0	0.0	12.6	15.5	1002.5	1216.6
Dec 18, 2:00 AM	1.0	0.0	10.2	16.2	1138.1	1196.3

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 18, 3:00 AM	0.0	0.0	8.9	15.2	1166.7	1191.0
Dec 18, 4:00 AM	350.0	2.5	21.2	32.8	2482.9	1169.3
Dec 18, 5:00 AM	732.0	6.5	27.8	39.5	3245.0	1151.8
Dec 18, 6:00 AM	759.7	6.9	26.5	39.1	3321.6	1141.7
Dec 18, 7:00 AM	817.9	7.0	24.3	38.3	3139.6	1131.4
Dec 18, 8:00 AM	820.0	7.2	22.7	36.7	3107.2	1135.3
Dec 18, 9:00 AM	802.7	7.1	25.0	34.9	3205.8	1136.2
Dec 18, 10:00 AM	811.4	6.3	20.9	32.3	2946.2	1062.5
Dec 18, 11:00 AM	799.2	6.9	21.3	31.9	3165.0	1126.1
Dec 18, 12:00 PM	562.2	4.7	22.4	31.5	3110.0	1118.0
Dec 18, 1:00 PM	850.0	8.0	24.3	34.9	3414.7	1116.6
Dec 18, 2:00 PM	837.7	8.1	24.8	35.2	3564.1	1117.4
Dec 18, 3:00 PM	818.2	7.9	25.9	36.7	3537.7	1117.1
Dec 18, 4:00 PM	818.1	8.1	22.3	36.7	3636.9	1117.9
Dec 18, 5:00 PM	801.9	7.7	21.5	36.1	3512.2	1127.7
Dec 18, 6:00 PM	909.3	8.9	36.7	40.6	3579.4	1224.8
Dec 18, 7:00 PM	843.3	7.2	45.4	44.6	3102.9	1281.4
Dec 18, 8:00 PM	802.2	6.3	47.8	50.0	2813.4	1286.6
Dec 18, 9:00 PM	787.6	6.0	49.2	50.0	2741.6	1284.7
Dec 18, 10:00 PM	821.8	6.3	47.0	48.0	2737.0	1285.4
Dec 18, 11:00 PM	923.2	6.7	65.7	55.1	2566.3	1382.5
Dec 19, 12:00 AM	825.3	5.8	69.1	55.3	2477.7	1400.4
Dec 19, 1:00 AM	814.6	5.6	74.6	53.1	2396.1	1391.1
Dec 19, 2:00 AM	854.3	5.8	72.6	53.0	2364.9	1384.7
Dec 19, 3:00 AM	820.3	5.6	73.6	54.0	2404.4	1382.9
Dec 19, 4:00 AM	820.3	5.9	75.3	51.4	2531.4	1371.4
Dec 19, 5:00 AM	818.2	6.1	73.9	51.5	2633.4	1373.0
Dec 19, 6:00 AM	829.6	6.3	71.9	49.6	2674.9	1384.7

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 19, 7:00 AM	795.7	5.9	74.4	50.0	2623.9	1392.7
Dec 19, 8:00 AM	611.9	4.3	75.1	51.7	2465.3	1391.5
Dec 19, 9:00 AM	828.4	5.7	72.4	51.3	2439.2	1383.8
Dec 19, 10:00 AM	843.9	5.9	73.3	50.2	2444.4	1378.5
Dec 19, 11:00 AM	853.0	6.5	76.5	51.1	2685.6	1404.5
Dec 19, 12:00 PM	807.9	6.3	74.7	50.6	2766.1	1414.6
Dec 19, 1:00 PM	638.2	5.0	70.8	51.5	2658.9	1389.6
Dec 19, 2:00 PM	36.8	0.1	35.1	26.1	1094.6	1283.5
Dec 19, 3:00 PM	0.0	0.0	11.8	14.9	639.0	1222.5
Dec 19, 4:00 PM	0.0	0.0	29.3	40.2	1935.8	1237.8
Dec 19, 5:00 PM	0.0	0.0	16.7	15.1	1736.6	1229.2
Dec 19, 6:00 PM	0.0	0.0	15.7	14.3	702.2	1228.2
Dec 19, 7:00 PM	0.0	0.0	21.5	30.7	870.2	1239.1
Dec 19, 8:00 PM	0.0	0.0	20.0	20.6	942.4	1227.9
Dec 19, 9:00 PM	0.0	0.0	18.4	13.4	1512.8	1231.4
Dec 19, 10:00 PM	15.4	0.2	18.3	13.4	4021.4	1232.0
Dec 19, 11:00 PM	0.0	0.0	21.9	16.0	5080.4	1230.9
Dec 20, 12:00 AM	0.0	0.0	22.2	13.7	7590.1	1227.8
Dec 20, 1:00 AM	0.0	0.0	19.9	16.0	8045.1	1227.6
Dec 20, 2:00 AM	0.0	0.0	23.9	13.6	7975.6	1223.6
Dec 20, 3:00 AM	0.0	0.0	25.0	15.7	11967.2	1223.7
Dec 20, 4:00 AM	149.2	10.1	38.4	25.3	19483.7	1226.1
Dec 20, 5:00 AM	468.6	27.4	49.9	31.3	24493.4	1220.2
Dec 20, 6:00 AM	604.4	35.6	62.9	44.1	21976.8	1222.5
Dec 20, 7:00 AM	584.1	26.9	63.9	44.7	17076.1	1213.6
Dec 20, 8:00 AM	689.8	9.0	59.4	50.2	6922.6	1202.0
Dec 20, 9:00 AM	607.3	5.3	51.7	40.6	3456.1	1200.2
Dec 20, 10:00 AM	804.8	9.6	61.1	38.9	4481.9	1224.2

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 20, 11:00 AM	849.7	9.5	64.1	39.7	4068.9	1206.5
Dec 20, 12:00 PM	790.1	8.7	55.8	40.1	3994.8	1177.3
Dec 20, 1:00 PM	807.1	10.0	55.4	41.9	4519.2	1174.5
Dec 20, 2:00 PM	787.4	9.5	47.3	39.9	4441.7	1178.2
Dec 20, 3:00 PM	812.6	9.6	52.9	41.1	4308.3	1179.9
Dec 20, 4:00 PM	790.8	8.9	49.6	41.4	4101.3	1175.6
Dec 20, 5:00 PM	821.7	9.2	47.3	44.5	4069.1	1180.6
Dec 20, 6:00 PM	770.9	8.6	50.1	47.9	4077.3	1188.0
Dec 20, 7:00 PM	802.1	8.9	49.4	46.6	4062.8	1183.1
Dec 20, 8:00 PM	799.0	9.1	51.1	44.4	4152.1	1184.2
Dec 20, 9:00 PM	821.8	9.2	49.6	43.2	4069.5	1188.0
Dec 20, 10:00 PM	800.6	9.1	48.4	41.0	4150.6	1187.7
Dec 20, 11:00 PM	793.1	8.9	44.8	40.8	4110.4	1182.8
Dec 21, 12:00 AM	813.5	8.9	47.8	40.1	4004.9	1174.5
Dec 21, 1:00 AM	844.4	7.9	41.1	33.5	3423.6	1130.6
Dec 21, 2:00 AM	754.8	5.4	33.3	25.8	2631.3	1064.4
Dec 21, 3:00 AM	760.8	5.7	31.1	27.6	2733.2	1063.1
Dec 21, 4:00 AM	735.2	5.6	31.5	24.2	2803.7	1061.0
Dec 21, 5:00 AM	714.1	5.7	32.1	25.0	2921.9	1070.1
Dec 21, 6:00 AM	738.0	5.8	32.3	24.5	2893.7	1069.3
Dec 21, 7:00 AM	756.3	6.2	31.2	26.2	3028.3	1074.5
Dec 21, 8:00 AM	738.3	5.5	28.1	24.7	2730.6	1059.5
Dec 21, 9:00 AM	755.7	5.3	27.1	23.4	2553.7	1044.8
Dec 21, 10:00 AM	762.3	5.4	30.8	24.8	2615.5	1048.2
Dec 21, 11:00 AM	811.1	6.6	34.5	27.4	2984.8	1075.3
Dec 21, 12:00 PM	702.7	5.8	39.2	36.9	3017.8	1122.4
Dec 21, 1:00 PM	764.0	6.1	36.1	39.9	2907.2	1119.6
Dec 21, 2:00 PM	705.0	4.5	31.5	35.5	2278.1	1080.9

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 21, 3:00 PM	715.9	4.4	26.0	31.5	2222.3	1036.2
Dec 21, 4:00 PM	708.5	4.7	21.3	29.5	2416.3	1021.2
Dec 21, 5:00 PM	690.6	5.1	19.8	29.1	2729.6	1019.1
Dec 21, 6:00 PM	426.1	4.4	23.2	33.1	3720.0	1055.1
Dec 21, 7:00 PM	792.8	5.9	22.3	33.5	2757.9	1056.7
Dec 21, 8:00 PM	730.0	6.9	20.7	33.4	3464.0	1063.7
Dec 21, 9:00 PM	787.8	7.4	21.7	32.6	3479.7	1055.0
Dec 21, 10:00 PM	796.0	7.4	20.4	31.2	3428.7	1047.5
Dec 21, 11:00 PM	809.3	7.2	20.3	28.2	3274.5	1036.4
Dec 22, 12:00 AM	823.4	7.1	23.6	28.3	3178.6	1021.1
Dec 22, 1:00 AM	817.7	7.4	18.6	26.9	3352.0	1017.2
Dec 22, 2:00 AM	794.4	6.8	18.3	26.5	3166.2	1011.0
Dec 22, 3:00 AM	786.7	7.0	17.5	26.8	3310.1	1010.5
Dec 22, 4:00 AM	807.9	7.1	18.2	26.3	3232.0	1003.7
Dec 22, 5:00 AM	786.3	7.5	15.9	27.2	3523.1	1006.8
Dec 22, 6:00 AM	815.6	8.0	19.7	26.7	3628.9	1008.4
Dec 22, 7:00 AM	803.9	7.6	20.2	23.3	3492.7	999.4
Dec 22, 8:00 AM	802.6	7.9	15.9	23.5	3638.6	1000.0
Dec 22, 9:00 AM	793.9	7.7	16.9	23.2	3617.4	998.8
Dec 22, 10:00 AM	757.7	7.0	18.7	23.7	3443.5	995.2
Dec 22, 11:00 AM	770.8	7.8	25.8	28.5	3715.2	1004.3
Dec 22, 12:00 PM	786.2	8.2	21.7	28.8	3845.4	1015.7
Dec 22, 1:00 PM	826.4	8.4	19.4	30.4	3762.7	1020.0
Dec 22, 2:00 PM	836.6	8.1	18.4	28.3	3597.8	1014.3
Dec 22, 3:00 PM	806.1	8.4	22.5	30.8	3835.5	1022.5
Dec 22, 4:00 PM	816.6	7.9	21.9	27.6	3593.8	1018.6
Dec 22, 5:00 PM	824.7	7.9	20.1	28.3	3539.4	1018.4
Dec 22, 6:00 PM	790.3	7.5	21.3	27.8	3513.0	1018.5

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 22, 7:00 PM	779.8	6.6	19.4	25.9	3116.6	1010.3
Dec 22, 8:00 PM	811.2	6.9	21.3	26.3	3148.9	1016.2
Dec 22, 9:00 PM	751.7	6.7	22.0	25.0	3290.8	1018.6
Dec 22, 10:00 PM	769.9	6.5	18.7	25.0	3123.5	1013.4
Dec 22, 11:00 PM	766.6	6.6	18.7	25.8	3175.4	1013.9
Dec 23, 12:00 AM	786.3	6.5	17.9	26.9	3069.3	1016.3
Dec 23, 1:00 AM	786.0	6.7	19.2	26.0	3160.7	1014.9
Dec 23, 2:00 AM	804.3	6.6	17.6	25.7	3050.1	1010.7
Dec 23, 3:00 AM	743.7	7.2	21.2	27.4	3559.9	1026.3
Dec 23, 4:00 AM	753.0	6.8	19.2	29.0	3311.9	1025.1
Dec 23, 5:00 AM	777.3	6.2	18.1	26.2	2952.1	1014.7
Dec 23, 6:00 AM	741.3	6.9	16.8	27.5	3468.7	1024.6
Dec 23, 7:00 AM	694.9	6.4	18.8	28.6	3432.5	1027.0
Dec 23, 8:00 AM	729.3	6.7	18.6	29.9	3382.3	1028.4
Dec 23, 9:00 AM	741.3	6.3	19.3	29.0	3114.9	1012.5
Dec 23, 10:00 AM	693.5	6.1	18.9	28.7	3261.4	1014.9
Dec 23, 11:00 AM	678.6	6.2	19.2	29.1	3369.0	1021.8
Dec 23, 12:00 PM	644.6	5.8	16.8	30.3	3323.8	1023.4
Dec 23, 1:00 PM	653.7	5.8	19.4	30.1	3267.4	1019.4
Dec 23, 2:00 PM	683.5	5.8	21.0	27.9	3133.0	1017.4
Dec 23, 3:00 PM	704.7	6.1	19.8	26.8	3177.7	1021.3
Dec 23, 4:00 PM	738.8	6.5	20.7	27.5	3226.3	1025.1
Dec 23, 5:00 PM	715.6	6.2	19.6	27.1	3180.4	1027.2
Dec 23, 6:00 PM	718.3	6.2	18.1	26.6	3160.0	1022.4
Dec 23, 7:00 PM	720.6	6.0	21.0	26.1	3073.6	1016.9
Dec 23, 8:00 PM	686.5	5.6	22.2	24.9	3032.8	1012.0
Dec 23, 9:00 PM	713.2	5.7	20.0	24.7	2922.1	1008.8
Dec 23, 10:00 PM	704.4	5.9	20.5	27.9	3110.6	1015.2

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 23, 11:00 PM	694.0	6.0	20.7	27.7	3165.3	1019.9
Dec 24, 12:00 AM	713.0	6.0	21.5	26.6	3100.3	1018.9
Dec 24, 1:00 AM	740.4	6.2	19.7	25.4	3111.4	1017.8
Dec 24, 2:00 AM	750.2	6.3	21.0	25.0	3096.1	1016.3
Dec 24, 3:00 AM	746.2	6.2	20.6	25.2	3039.5	1014.7
Dec 24, 4:00 AM	734.8	6.0	18.8	24.6	3030.0	1013.4
Dec 24, 5:00 AM	735.6	6.1	17.4	26.6	3033.9	1016.4
Dec 24, 6:00 AM	711.5	5.8	17.9	26.9	3025.0	1015.6
Dec 24, 7:00 AM	705.3	5.9	19.4	26.7	3058.8	1013.0
Dec 24, 8:00 AM	752.8	6.0	16.1	25.3	2916.6	1009.8
Dec 24, 9:00 AM	753.3	5.9	16.4	27.3	2865.4	1011.8
Dec 24, 10:00 AM	760.8	6.3	17.0	26.2	3044.1	1015.4
Dec 24, 11:00 AM	780.6	6.3	18.4	26.1	2996.1	1016.9
Dec 24, 12:00 PM	772.5	6.2	16.8	25.5	2965.1	1012.0
Dec 24, 1:00 PM	776.4	6.4	16.8	24.8	3031.0	1013.2
Dec 24, 2:00 PM	744.5	6.2	14.4	25.4	3073.9	1017.3
Dec 24, 3:00 PM	754.2	6.5	20.0	27.7	3191.6	1021.6
Dec 24, 4:00 PM	752.8	7.1	24.1	33.1	3487.5	1050.4
Dec 24, 5:00 PM	715.4	6.9	28.0	46.6	3494.3	1081.6
Dec 24, 6:00 PM	702.3	6.1	27.6	43.5	3179.5	1071.9
Dec 24, 7:00 PM	761.9	6.6	26.8	40.3	3141.6	1068.9
Dec 24, 8:00 PM	787.7	6.6	24.6	36.8	3049.2	1060.0
Dec 24, 9:00 PM	777.8	6.0	17.6	32.7	2845.5	1034.0
Dec 24, 10:00 PM	754.9	5.8	17.4	27.9	2839.6	1005.7
Dec 24, 11:00 PM	787.0	6.3	20.8	26.6	2952.4	1000.1
Dec 25, 12:00 AM	757.0	6.6	19.8	26.6	3197.9	1007.9
Dec 25, 1:00 AM	742.8	6.4	14.8	26.4	3192.3	1012.0
Dec 25, 2:00 AM	763.1	6.4	18.5	26.0	3112.2	1010.2



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 25, 3:00 AM	757.0	6.3	18.7	24.4	3096.3	1008.6
Dec 25, 4:00 AM	794.3	6.6	18.9	24.1	3081.8	1008.6
Dec 25, 5:00 AM	792.2	6.5	14.1	25.1	3048.8	1006.8
Dec 25, 6:00 AM	745.3	6.3	17.9	25.0	3141.6	1008.4
Dec 25, 7:00 AM	743.7	6.2	14.6	24.9	3069.5	1008.2
Dec 25, 8:00 AM	731.7	6.0	17.3	24.2	3015.3	1001.0
Dec 25, 9:00 AM	700.5	5.6	16.5	26.9	3039.3	999.6
Dec 25, 10:00 AM	717.9	5.9				997.4
Dec 25, 11:00 AM	709.5	5.8				999.7
Dec 25, 12:00 PM	723.6	6.1				1002.9
Dec 25, 1:00 PM	718.8	6.0				1006.5
Dec 25, 2:00 PM	732.8	6.1				1000.2
Dec 25, 3:00 PM	718.6	6.1				998.2
Dec 25, 4:00 PM	733.3	6.2				995.9
Dec 25, 5:00 PM	741.3	6.2				993.5
Dec 25, 6:00 PM	735.9	6.0				990.4
Dec 25, 7:00 PM	744.5	6.1				991.0
Dec 25, 8:00 PM	806.4	6.5				991.0
Dec 25, 9:00 PM	773.9	6.4				995.1
Dec 25, 10:00 PM	774.2	6.5				994.4
Dec 25, 11:00 PM	772.6	6.6				993.2
Dec 26, 12:00 AM	774.8	6.7				994.3
Dec 26, 1:00 AM	773.7	6.7				997.8
Dec 26, 2:00 AM	791.8	6.8				997.4
Dec 26, 3:00 AM	790.8	6.8				995.8
Dec 26, 4:00 AM	781.2	6.8				999.5
Dec 26, 5:00 AM	775.0	6.7				1001.5
Dec 26, 6:00 AM	761.4	6.6				1005.5

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 26, 7:00 AM	800.8	7.1				1011.9
Dec 26, 8:00 AM	779.2	7.3				1010.2
Dec 26, 9:00 AM	767.9	7.3				1015.8
Dec 26, 10:00 AM	765.0	6.7				1018.7
Dec 26, 11:00 AM	765.8	7.0				1023.5
Dec 26, 12:00 PM	746.5	6.7				1020.5
Dec 26, 1:00 PM	743.7	6.9				1024.6
Dec 26, 2:00 PM	741.9	6.8				1020.1
Dec 26, 3:00 PM	740.5	6.7				1012.3
Dec 26, 4:00 PM	709.5	6.4				1010.2
Dec 26, 5:00 PM	740.8	6.4				1008.1
Dec 26, 6:00 PM	728.3	6.4				1008.7
Dec 26, 7:00 PM	749.8	6.7				1010.4
Dec 26, 8:00 PM	753.3	6.8				1011.8
Dec 26, 9:00 PM	743.6	6.7				1008.9
Dec 26, 10:00 PM	747.9	6.8				1009.1
Dec 26, 11:00 PM	759.6	7.0				1011.9
Dec 27, 12:00 AM	763.3	7.1				1013.4
Dec 27, 1:00 AM	734.8	6.8				1011.6
Dec 27, 2:00 AM	749.4	6.7				1003.7
Dec 27, 3:00 AM	753.7	6.8				1003.6
Dec 27, 4:00 AM	759.7	6.9				1005.0
Dec 27, 5:00 AM	723.2	6.4				1002.1
Dec 27, 6:00 AM	691.1	6.5				1005.6
Dec 27, 7:00 AM	642.3	6.3				1011.2
Dec 27, 8:00 AM	755.1	6.7				1008.4
Dec 27, 9:00 AM	755.2	6.6	24.8	39.0	2180.4	1006.8
Dec 27, 10:00 AM	760.9	6.9	17.8	32.3	3350.9	986.1

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 27, 11:00 AM	775.2	7.0	22.5	33.5	3295.5	1007.9
Dec 27, 12:00 PM	747.1	6.8	18.5	32.9	3336.2	1005.3
Dec 27, 1:00 PM	735.5	6.8	21.0	34.8	3396.3	1000.6
Dec 27, 2:00 PM	727.0	6.8	21.8	35.6	3455.1	1005.3
Dec 27, 3:00 PM	742.1	7.0	22.4	37.3	3481.8	1014.5
Dec 27, 4:00 PM	776.5	7.6	21.7	44.1	3574.1	1031.9
Dec 27, 5:00 PM	753.1	6.8	25.4	49.9	3270.4	1028.3
Dec 27, 6:00 PM	757.7	5.3	17.7	38.6	2540.6	973.0
Dec 27, 7:00 PM	715.4	5.0	18.2	34.8	2535.5	964.5
Dec 27, 8:00 PM	733.5	5.2	20.1	38.1	2585.4	973.3
Dec 27, 9:00 PM	713.2	4.6	18.2	37.2	2349.3	963.7
Dec 27, 10:00 PM	752.4	4.1	14.2	29.8	1981.2	940.7
Dec 27, 11:00 PM	689.0	3.9	17.8	28.6	2052.3	933.2
Dec 28, 12:00 AM	678.4	3.8	18.2	25.6	2026.6	927.1
Dec 28, 1:00 AM	675.4	3.6	11.3	24.2	1969.6	924.4
Dec 28, 2:00 AM	682.8	3.8	10.8	24.4	2016.0	924.0
Dec 28, 3:00 AM	683.4	3.6	13.1	22.7	1931.1	917.7
Dec 28, 4:00 AM	682.5	4.0	16.3	25.1	2144.2	927.1
Dec 28, 5:00 AM	683.7	3.8	12.6	24.4	2044.1	921.5
Dec 28, 6:00 AM	656.3	3.7	16.6	23.3	2071.1	917.6
Dec 28, 7:00 AM	616.1	5.0	18.7	33.0	3008.3	953.2
Dec 28, 8:00 AM	698.9	5.4	17.4	32.2	2830.1	954.6
Dec 28, 9:00 AM	707.2	4.9	19.1	31.9	2528.2	951.0
Dec 28, 10:00 AM	691.9	4.9	23.5	31.6	2582.2	948.6
Dec 28, 11:00 AM	707.5	5.2	20.2	32.0	2685.5	949.9
Dec 28, 12:00 PM	739.5	5.4	20.3	32.7	2676.8	948.0
Dec 28, 1:00 PM	782.8	5.5	19.0	31.7	2574.9	944.4
Dec 28, 2:00 PM	821.9	6.0	21.0	31.9	2688.0	948.0

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 28, 3:00 PM	805.4	5.7	20.8	32.6	2589.3	943.2
Dec 28, 4:00 PM	781.7	5.5	20.6	32.6	2558.1	942.8
Dec 28, 5:00 PM	789.8	4.8	18.6	28.2	2236.2	924.4
Dec 28, 6:00 PM	790.4	4.9	15.0	26.8	2264.3	924.7
Dec 28, 7:00 PM	784.4	4.9	16.9	25.7	2294.0	925.5
Dec 28, 8:00 PM	781.9	4.5	17.4	23.3	2117.6	918.0
Dec 28, 9:00 PM	764.2	4.3	15.3	22.5	2075.3	914.3
Dec 28, 10:00 PM	766.7	4.3	17.7	21.3	2065.8	913.8
Dec 28, 11:00 PM	764.8	4.4	12.5	20.4	2122.8	915.7
Dec 29, 12:00 AM	739.2	4.5	12.1	20.3	2258.1	922.8
Dec 29, 1:00 AM	768.7	4.9	10.0	22.9	2333.4	930.3
Dec 29, 2:00 AM	740.9	4.1	16.6	19.9	2054.1	917.0
Dec 29, 3:00 AM	732.0	4.1	14.4	19.0	2074.5	915.2
Dec 29, 4:00 AM	728.1	4.3	14.0	18.9	2154.2	919.1
Dec 29, 5:00 AM	749.0	4.2	15.3	20.3	2080.8	916.6
Dec 29, 6:00 AM	735.8	3.9	14.2	17.6	1927.6	911.8
Dec 29, 7:00 AM	708.9	4.5	14.9	20.0	2320.0	933.3
Dec 29, 8:00 AM	684.9	3.7	11.5	15.9	2005.8	918.6
Dec 29, 9:00 AM	643.2	3.3	13.9	17.3	1883.7	913.6
Dec 29, 10:00 AM	630.7	3.2	13.3	17.0	1843.8	909.1
Dec 29, 11:00 AM	607.2	3.0	11.7	13.8	1828.6	911.8
Dec 29, 12:00 PM	558.5	2.9	13.6	14.7	1917.2	921.9
Dec 29, 1:00 PM	519.1	2.6	10.4	13.0	1886.0	920.9
Dec 29, 2:00 PM	487.8	2.9	16.3	16.4	2199.4	934.1
Dec 29, 3:00 PM	539.8	4.0	17.9	20.1	2747.7	966.1
Dec 29, 4:00 PM	490.2	3.5	18.5	19.6	2643.7	973.6
Dec 29, 5:00 PM	463.0	2.4	15.6	14.6	1939.0	931.2
Dec 29, 6:00 PM	456.7	2.5	13.8	16.8	1982.6	914.8

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 29, 7:00 PM	457.2	2.3	12.0	14.7	1881.9	907.0
Dec 29, 8:00 PM	388.4	2.2	12.9	17.3	2114.2	914.3
Dec 29, 9:00 PM	363.6	2.0	12.4	16.6	2009.6	904.9
Dec 29, 10:00 PM	512.4	2.3	8.1	12.6	1684.8	894.3
Dec 29, 11:00 PM	597.0	2.9	9.1	15.3	1816.3	911.2
Dec 30, 12:00 AM	591.1	3.4	10.4	15.7	2109.9	927.9
Dec 30, 1:00 AM	572.1	2.9	12.2	15.2	1868.5	927.5
Dec 30, 2:00 AM	570.4	2.4	10.1	11.8	1549.5	918.0
Dec 30, 3:00 AM	496.0	2.4	12.6	12.4	1772.2	932.8
Dec 30, 4:00 AM	452.2	2.6	12.8	14.2	2093.8	946.3
Dec 30, 5:00 AM	472.5	2.7	12.7	14.5	2086.2	943.2
Dec 30, 6:00 AM	525.5	3.2	13.1	16.3	2257.0	948.5
Dec 30, 7:00 AM	570.5	3.9	14.4	16.7	2517.6	956.6
Dec 30, 8:00 AM	612.3	3.8	13.1	16.1	2291.6	949.0
Dec 30, 9:00 AM	601.7	3.4	12.5	15.3	2226.2	958.3
Dec 30, 10:00 AM	629.9	3.4	15.6	14.5	1877.3	861.9
Dec 30, 11:00 AM	637.5	3.6	14.8	17.9	2093.7	956.0
Dec 30, 12:00 PM	629.3	3.8	15.0	18.8	2201.2	964.2
Dec 30, 1:00 PM	638.9	4.0	16.2	20.9	2274.0	976.1
Dec 30, 2:00 PM	683.9	4.8	20.2	31.8	2587.4	1004.4
Dec 30, 3:00 PM	631.5	4.4	20.7	36.6	2562.6	1008.4
Dec 30, 4:00 PM	669.7	4.2	16.1	31.4	2279.0	996.4
Dec 30, 5:00 PM	672.8	4.0	20.0	28.4	2159.8	984.9
Dec 30, 6:00 PM	634.6	3.8	19.3	25.0	2188.1	980.5
Dec 30, 7:00 PM	666.3	3.2	12.3	19.4	1767.6	954.9
Dec 30, 8:00 PM	636.6	1.9	7.3	12.2	1087.4	915.7
Dec 30, 9:00 PM	622.4	1.3	8.4	6.9	778.0	891.9
Dec 30, 10:00 PM	606.9	1.1	7.8	6.0	668.5	886.0

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 30, 11:00 PM	590.4	1.5	6.7	6.5	930.8	896.1
Dec 31, 12:00 AM	578.0	1.2	5.9	6.1	750.1	889.5
Dec 31, 1:00 AM	594.5	0.9	3.4	5.2	549.0	882.2
Dec 31, 2:00 AM	569.1	0.8	5.0	5.1	512.9	880.9
Dec 31, 3:00 AM	588.6	1.1	4.5	4.7	691.2	887.9
Dec 31, 4:00 AM	576.2	1.3	9.9	6.9	838.3	894.4
Dec 31, 5:00 AM	584.8	1.2	5.3	6.5	755.4	890.4
Dec 31, 6:00 AM	592.1	1.9	6.5	9.5	1180.9	908.2
Dec 31, 7:00 AM	616.4	2.7	8.3	13.5	1602.6	921.8
Dec 31, 8:00 AM	601.3	3.1	10.0	11.6	1942.6	919.8
Dec 31, 9:00 AM	556.5	2.6	9.2	9.0	1748.0	899.7
Dec 31, 10:00 AM	534.2	0.8	5.6	4.6	576.4	868.1
Dec 31, 11:00 AM	525.1					
Dec 31, 12:00 PM	526.0					
Dec 31, 1:00 PM	491.1					
Dec 31, 2:00 PM	482.7					
Dec 31, 3:00 PM	477.4					
Dec 31, 4:00 PM	476.7					
Dec 31, 5:00 PM	440.6					
Dec 31, 6:00 PM	442.3					
Dec 31, 7:00 PM	408.7					
Dec 31, 8:00 PM	354.9					
Dec 31, 9:00 PM	417.2					
Dec 31, 10:00 PM	410.2					
Dec 31, 11:00 PM	390.9					

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 1, 12:00 AM	120.7	0.0	1.6	6.5	108.4	655.9
Oct 1, 1:00 AM	85.7	0.0	1.7	4.8	102.9	643.4
Oct 1, 2:00 AM	103.4	0.0	1.3	6.1	106.3	648.3
Oct 1, 3:00 AM	117.8	0.0	2.3	4.2	102.1	632.7
Oct 1, 4:00 AM	103.4	0.0	2.3	4.7	92.2	633.4
Oct 1, 5:00 AM	94.9	0.0	1.3	4.2	102.4	656.1
Oct 1, 6:00 AM	89.1	0.0	1.2	4.9	108.5	641.4
Oct 1, 7:00 AM	97.6	0.0	1.0	5.6	109.9	644.4
Oct 1, 8:00 AM	95.1	0.0	1.2	5.8	106.8	626.0
Oct 1, 9:00 AM	97.5	0.0	2.1	4.6	110.0	571.6
Oct 1, 10:00 AM	115.2	0.0	1.5	6.0	116.8	638.5
Oct 1, 11:00 AM	154.2	0.0	1.6	4.8	111.1	637.9
Oct 1, 12:00 PM	163.4	0.1	1.2	5.2	108.5	635.0
Oct 1, 1:00 PM	178.0	0.1	1.9	4.9	113.5	626.8
Oct 1, 2:00 PM	259.2	0.1	1.9	5.7	134.8	627.6
Oct 1, 3:00 PM	284.9	0.1	1.3	6.5	156.6	616.2
Oct 1, 4:00 PM	273.9	0.1	2.4	10.2	134.9	616.5
Oct 1, 5:00 PM	243.5	0.1	2.9	9.4	103.5	618.7
Oct 1, 6:00 PM	243.7	0.1	1.4	10.0	88.2	609.3
Oct 1, 7:00 PM	151.5	0.0	2.0	7.4	84.7	596.8
Oct 1, 8:00 PM	168.9	0.0	0.9	7.1	60.3	602.5
Oct 1, 9:00 PM	180.1	0.0	2.2	7.1	76.9	609.7
Oct 1, 10:00 PM	134.6	0.0	2.4	6.7	84.2	613.8
Oct 1, 11:00 PM	84.0	0.0	2.1	5.8	91.4	604.3
Oct 2, 12:00 AM	53.9	0.0	1.9	3.8	87.9	606.8
Oct 2, 1:00 AM	49.4	0.0	1.3	5.9	82.5	601.2
Oct 2, 2:00 AM	57.3	0.0	2.0	5.4	84.2	605.3
Oct 2, 3:00 AM	62.0	0.0	1.2	3.9	87.9	613.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 2, 4:00 AM	61.9	0.0	1.5	4.9	106.3	601.2
Oct 2, 5:00 AM	68.4	0.0	1.9	5.0	110.8	575.9
Oct 2, 6:00 AM	73.3	0.0	0.9	6.9	87.2	601.5
Oct 2, 7:00 AM	68.1	0.0	2.1	5.9	74.3	589.0
Oct 2, 8:00 AM	64.2					
Oct 2, 9:00 AM	64.1					
Oct 2, 10:00 AM	61.9					
Oct 2, 11:00 AM	65.1	0.0	6.1	7.9	106.2	543.5
Oct 2, 12:00 PM	107.4	0.0	2.0	5.8	127.5	579.1
Oct 2, 1:00 PM	181.5	0.1	2.8	4.6	134.8	597.4
Oct 2, 2:00 PM	241.1	0.1	1.4	4.6	126.6	588.7
Oct 2, 3:00 PM	280.7	0.1	3.4	4.6	123.4	560.8
Oct 2, 4:00 PM	287.3	0.1	1.7	6.4	129.0	587.1
Oct 2, 5:00 PM	266.8	0.1	4.0	6.4	123.7	598.2
Oct 2, 6:00 PM	197.0	0.1	2.6	10.0	140.7	617.6
Oct 2, 7:00 PM	171.8	0.1	2.6	9.5	121.7	566.3
Oct 2, 8:00 PM	171.4	0.1	3.8	9.4	111.9	614.7
Oct 2, 9:00 PM	170.9	0.1	3.7	9.8	120.6	572.9
Oct 2, 10:00 PM	169.4	0.1	2.8	8.0	121.5	592.6
Oct 2, 11:00 PM	159.5	0.0	1.6	6.1	91.0	590.0
Oct 3, 12:00 AM	160.5	0.0	2.3	6.1	86.4	611.3
Oct 3, 1:00 AM	166.3	0.0	1.3	5.7	100.9	610.9
Oct 3, 2:00 AM	112.2	0.0	3.0	4.4	103.7	599.5
Oct 3, 3:00 AM	120.3	0.0	1.8	4.7	111.4	605.9
Oct 3, 4:00 AM	96.5	0.0	1.2	4.2	112.3	597.5
Oct 3, 5:00 AM	89.9	0.0	2.3	4.0	105.2	586.3
Oct 3, 6:00 AM	88.1	0.0	1.7	4.5	103.2	577.7
Oct 3, 7:00 AM	84.8	0.0	2.3	2.7	107.5	589.1



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 3, 8:00 AM	79.2	0.0	1.1	3.7	100.3	590.5
Oct 3, 9:00 AM	64.1	0.0	2.2	3.4	108.0	590.1
Oct 3, 10:00 AM	68.6	0.0	2.1	2.4	103.6	546.7
Oct 3, 11:00 AM	95.2	0.0	1.7	2.7	105.4	581.1
Oct 3, 12:00 PM	141.1	0.0	1.7	3.7	119.3	577.6
Oct 3, 1:00 PM	220.1	0.1	1.5	3.2	166.8	581.8
Oct 3, 2:00 PM	264.7	0.1	3.3	4.5	165.4	589.4
Oct 3, 3:00 PM	266.0	0.1	2.5	5.3	131.0	587.4
Oct 3, 4:00 PM	267.8	0.1	1.4	4.8	114.7	582.5
Oct 3, 5:00 PM	271.0	0.1	3.0	6.3	122.4	588.3
Oct 3, 6:00 PM	215.5	0.1	3.1	7.9	122.5	596.3
Oct 3, 7:00 PM	186.4	0.1	2.1	6.8	105.9	591.2
Oct 3, 8:00 PM	156.4	0.1	4.1	9.8	114.0	600.8
Oct 3, 9:00 PM	156.7	0.1	2.9	8.9	107.4	570.3
Oct 3, 10:00 PM	164.0	0.1	4.0	6.7	99.5	596.8
Oct 3, 11:00 PM	151.8	0.0	1.8	6.7	100.4	595.1
Oct 4, 12:00 AM	155.2	0.0	1.6	4.7	110.1	598.8
Oct 4, 1:00 AM	140.0	0.0	2.4	5.7	88.0	608.7
Oct 4, 2:00 AM	120.0	0.0	2.1	4.3	96.8	608.1
Oct 4, 3:00 AM	130.1	0.0	1.9	4.4	107.6	597.2
Oct 4, 4:00 AM	127.3	0.0	2.1	3.0	105.2	595.6
Oct 4, 5:00 AM	116.2	0.0	1.5	4.5	100.1	595.6
Oct 4, 6:00 AM	153.2	0.1	1.8	4.3	121.0	581.4
Oct 4, 7:00 AM	96.2	0.1	2.8	6.4	199.9	569.0
Oct 4, 8:00 AM	98.0	0.0	1.8	4.1	101.9	568.6
Oct 4, 9:00 AM	91.0	0.0	1.1	4.3	99.8	548.3
Oct 4, 10:00 AM	69.1	0.0	3.5	4.2	100.0	558.4
Oct 4, 11:00 AM	76.3	0.0	2.8	3.6	104.3	572.9

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 4, 12:00 PM	120.4	0.0	1.9	4.3	125.2	570.6
Oct 4, 1:00 PM	90.4	0.0	2.7	3.4	125.0	560.8
Oct 4, 2:00 PM	92.3	0.0	1.5	4.5	125.2	563.2
Oct 4, 3:00 PM	71.4	0.0	2.1	3.8	149.1	562.5
Oct 4, 4:00 PM	64.0	0.0	1.2	4.0	153.9	569.4
Oct 4, 5:00 PM	58.7	0.0	1.8	4.5	127.6	561.2
Oct 4, 6:00 PM	52.7	0.0	3.7	6.6	116.8	580.9
Oct 4, 7:00 PM	54.2	0.0	3.8	6.6	103.2	574.9
Oct 4, 8:00 PM	50.5	0.0	4.0	8.5	95.7	578.5
Oct 4, 9:00 PM	37.7	0.0	4.2	8.7	140.5	574.4
Oct 4, 10:00 PM	41.5	0.0	3.2	8.6	107.8	591.1
Oct 4, 11:00 PM	32.2	0.0	2.0	5.7	80.8	574.2
Oct 5, 12:00 AM	28.9	0.0	1.4	5.1	94.3	574.8
Oct 5, 1:00 AM	38.2	0.0	1.7	5.2	106.9	578.6
Oct 5, 2:00 AM	40.2	0.0	2.1	4.7	124.5	583.4
Oct 5, 3:00 AM	44.7	0.0	1.4	4.1	121.0	585.5
Oct 5, 4:00 AM	53.5	0.0	2.7	3.2	119.3	581.9
Oct 5, 5:00 AM	62.3	0.0	1.3	3.4	113.0	589.3
Oct 5, 6:00 AM	60.5	0.0	2.9	3.3	107.0	582.8
Oct 5, 7:00 AM	87.5	0.0	2.0	3.7	102.2	575.0
Oct 5, 8:00 AM	67.3	0.0	1.7	4.0	177.7	567.4
Oct 5, 9:00 AM	60.3	0.0	3.0	3.4	136.2	571.3
Oct 5, 10:00 AM	42.2	0.0	1.4	5.8	106.4	548.3
Oct 5, 11:00 AM	34.8	0.0	1.6	5.1	117.3	557.8
Oct 5, 12:00 PM	62.0	0.0	2.8	4.1	133.7	562.3
Oct 5, 1:00 PM	128.6	0.1	2.3	4.8	149.4	566.4
Oct 5, 2:00 PM	205.2	0.1	3.9	4.4	150.1	562.4
Oct 5, 3:00 PM	293.5	0.2	2.4	7.4	241.4	585.3

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 5, 4:00 PM	216.7	0.2	3.1	9.5	344.8	580.7
Oct 5, 5:00 PM	214.2	0.1	2.0	9.6	183.0	580.8
Oct 5, 6:00 PM	97.8	0.0	3.3	10.5	96.1	588.6
Oct 5, 7:00 PM	76.0	0.0	2.3	8.5	70.5	598.9
Oct 5, 8:00 PM	59.5	0.0	2.0	6.5	63.7	590.5
Oct 5, 9:00 PM	318.6	0.5	2.9	14.0	411.4	599.7
Oct 5, 10:00 PM	527.8	1.0	5.1	19.3	670.8	568.1
Oct 5, 11:00 PM	541.3	1.0	5.8	14.4	631.9	533.2
Oct 6, 12:00 AM	587.6	1.0	5.3	15.1	634.1	542.4
Oct 6, 1:00 AM	616.3	1.1	7.2	20.4	613.2	535.6
Oct 6, 2:00 AM	626.6	1.1	4.6	16.8	601.5	523.1
Oct 6, 3:00 AM	575.4	1.0	3.4	16.3	633.3	539.0
Oct 6, 4:00 AM	708.2	1.4	6.5	22.9	675.5	553.1
Oct 6, 5:00 AM	645.3	1.2	10.2	30.2	629.4	549.1
Oct 6, 6:00 AM	630.8	1.2	7.5	20.5	659.6	522.0
Oct 6, 7:00 AM	723.4	1.3	6.3	20.6	636.6	524.8
Oct 6, 8:00 AM	639.0	1.2	9.0	35.2	604.1	553.4
Oct 6, 9:00 AM	453.7	0.8	8.5	22.7	584.6	551.4
Oct 6, 10:00 AM	367.1	0.8	5.2	17.5	779.6	585.4
Oct 6, 11:00 AM	412.4	1.8	6.0	16.3	1538.9	601.1
Oct 6, 12:00 PM	404.7	2.9	6.1	14.2	2657.9	591.3
Oct 6, 1:00 PM	408.3	1.9	8.0	14.4	1776.8	586.7
Oct 6, 2:00 PM	438.8	2.0	6.9	16.3	1685.9	589.1
Oct 6, 3:00 PM	414.1	2.0	6.6	13.6	1806.8	577.8
Oct 6, 4:00 PM	398.6	1.9	7.1	14.7	1733.4	582.2
Oct 6, 5:00 PM	416.3	1.5	9.6	26.3	1297.4	579.8
Oct 6, 6:00 PM	230.1	0.6	4.6	15.2	939.0	562.9
Oct 6, 7:00 PM	254.2	0.3	4.5	8.6	474.0	571.7

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 6, 8:00 PM	485.9	0.4	2.3	10.9	302.7	576.8
Oct 6, 9:00 PM	268.2	0.5	5.8	15.2	604.7	600.8
Oct 6, 10:00 PM	530.5	2.4	7.1	18.8	1688.3	611.9
Oct 6, 11:00 PM	539.3	1.1	7.7	18.5	708.0	537.2
Oct 7, 12:00 AM	145.0	0.1	2.8	9.2	207.9	521.7
Oct 7, 1:00 AM	221.8	0.2	2.7	8.8	287.8	562.1
Oct 7, 2:00 AM	268.7	0.4	3.2	11.8	513.6	570.5
Oct 7, 3:00 AM	141.0	0.1	2.0	6.1	270.7	550.5
Oct 7, 4:00 AM	73.1	0.0	2.0	3.7	118.5	538.3
Oct 7, 5:00 AM	65.7	0.0	2.3	3.2	93.6	547.5
Oct 7, 6:00 AM	62.2	0.0	2.1	4.5	99.3	560.4
Oct 7, 7:00 AM	65.7	0.0	2.4	4.8	107.1	540.0
Oct 7, 8:00 AM	55.0	0.0	1.5	3.7	109.0	540.0
Oct 7, 9:00 AM	54.7	0.0	2.5	2.1	103.8	536.6
Oct 7, 10:00 AM	69.3	0.0	2.8	3.1	107.6	544.1
Oct 7, 11:00 AM	44.4	0.0	2.2	3.0	110.8	529.8
Oct 7, 12:00 PM	56.2	0.0	1.4	2.8	114.9	528.4
Oct 7, 1:00 PM	91.9	0.0	4.4	2.6	116.9	529.9
Oct 7, 2:00 PM	143.5	0.1	2.5	4.9	120.3	517.2
Oct 7, 3:00 PM	179.9	0.1	2.4	4.0	131.5	539.6
Oct 7, 4:00 PM	182.6	0.1	1.2	4.6	128.9	542.4
Oct 7, 5:00 PM	177.4	0.1	1.8	6.2	126.1	547.8
Oct 7, 6:00 PM	130.2	0.0	3.6	6.3	120.0	551.1
Oct 7, 7:00 PM	109.2	0.0	3.9	7.1	127.8	545.7
Oct 7, 8:00 PM	94.1	0.0	2.1	6.2	116.0	517.2
Oct 7, 9:00 PM	99.8	0.0	5.1	6.3	99.4	517.2
Oct 7, 10:00 PM	77.8	0.0	2.1	6.3	111.6	552.7
Oct 7, 11:00 PM	78.6	0.0	2.2	3.7	116.1	546.8

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 8, 12:00 AM	77.6	0.0	1.6	3.9	111.3	535.3
Oct 8, 1:00 AM	69.2	0.0	1.0	3.6	106.1	530.6
Oct 8, 2:00 AM	81.5	0.0	3.0	3.2	101.4	536.7
Oct 8, 3:00 AM	57.1	0.0	2.1	3.7	100.4	539.1
Oct 8, 4:00 AM	67.5	0.0	2.3	4.3	103.4	540.0
Oct 8, 5:00 AM	60.2	0.0	1.2	2.9	103.3	539.2
Oct 8, 6:00 AM	61.8	0.0	1.3	2.5	101.2	528.1
Oct 8, 7:00 AM	66.0	0.0	2.2	3.3	101.6	535.6
Oct 8, 8:00 AM	57.3	0.0	1.3	3.0	105.7	537.9
Oct 8, 9:00 AM	54.1	0.0	1.7	2.6	104.4	539.3
Oct 8, 10:00 AM	57.2	0.0	2.1	2.3	112.0	528.6
Oct 8, 11:00 AM	65.3	0.0	2.6	4.4	111.8	511.6
Oct 8, 12:00 PM	89.2	0.0	1.2	2.6	126.0	527.4
Oct 8, 1:00 PM	110.4	0.0	1.9	3.9	126.8	526.5
Oct 8, 2:00 PM	124.5	0.0	3.1	4.8	131.0	522.3
Oct 8, 3:00 PM	131.0	0.0	2.7	5.8	131.3	525.6
Oct 8, 4:00 PM	153.4	0.1	2.6	5.9	129.1	516.4
Oct 8, 5:00 PM	123.0	0.0	3.1	5.7	123.9	529.0
Oct 8, 6:00 PM	105.2	0.0	1.9	7.2	125.5	543.9
Oct 8, 7:00 PM	68.3	0.0	2.3	6.4	133.3	548.7
Oct 8, 8:00 PM	68.9	0.0	1.6	6.6	133.1	548.5
Oct 8, 9:00 PM	68.4	0.0	2.0	7.7	110.6	543.8
Oct 8, 10:00 PM	73.8	0.0	2.3	7.3	117.5	541.1
Oct 8, 11:00 PM	78.8	0.0	2.4	5.1	113.1	536.8
Oct 9, 12:00 AM	86.5	0.0	2.0	4.6	108.3	542.4
Oct 9, 1:00 AM	99.1	0.0	2.5	5.4	109.0	542.2
Oct 9, 2:00 AM	94.8	0.0	2.4	3.5	108.6	528.1
Oct 9, 3:00 AM	97.8	0.0	3.2	2.9	93.2	531.5

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 9, 4:00 AM	89.7	0.0	1.9	3.0	99.3	535.6
Oct 9, 5:00 AM	102.0	0.0	0.7	3.7	97.0	534.2
Oct 9, 6:00 AM	112.6	0.0	2.4	2.3	98.6	536.7
Oct 9, 7:00 AM	95.3	0.0	2.3	6.3	102.7	527.6
Oct 9, 8:00 AM	92.3					
Oct 9, 9:00 AM	76.7					
Oct 9, 10:00 AM	78.8					
Oct 9, 11:00 AM	94.3	0.0	1.3	5.0	122.4	568.0
Oct 9, 12:00 PM	102.6	0.0	0.9	4.2	116.2	578.7
Oct 9, 1:00 PM	138.3	0.0	3.9	6.0	128.1	572.7
Oct 9, 2:00 PM	140.9	0.0	1.9	4.7	119.2	575.8
Oct 9, 3:00 PM	136.1	0.0	3.3	5.2	120.5	575.7
Oct 9, 4:00 PM	131.9	0.0	2.8	4.9	120.1	558.2
Oct 9, 5:00 PM	121.5	0.0	3.5	5.7	118.6	550.4
Oct 9, 6:00 PM	96.7	0.0	1.5	5.8	125.5	562.2
Oct 9, 7:00 PM	85.4	0.0	2.0	6.2	127.4	582.3
Oct 9, 8:00 PM	77.3	0.0	2.9	5.6	132.7	581.0
Oct 9, 9:00 PM	69.1	0.0	3.4	6.7	90.9	545.8
Oct 9, 10:00 PM	58.0	0.0	1.7	6.1	105.5	533.1
Oct 9, 11:00 PM	49.3	0.0	2.2	5.7	115.9	579.3
Oct 10, 12:00 AM	52.9	0.0	4.1	4.5	119.2	577.3
Oct 10, 1:00 AM	71.4	0.0	3.4	2.8	110.0	519.5
Oct 10, 2:00 AM	74.7	0.0	1.6	3.2	99.3	566.6
Oct 10, 3:00 AM	67.8	0.0	3.0	4.4	110.8	583.5
Oct 10, 4:00 AM	71.4	0.0	3.0	4.3	115.7	572.6
Oct 10, 5:00 AM	85.3	0.0	1.7	4.0	120.3	582.5
Oct 10, 6:00 AM	81.8	0.0	0.7	4.9	114.3	568.6
Oct 10, 7:00 AM	88.6	0.0	1.5	4.6	111.0	567.0

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 10, 8:00 AM	83.2	0.0	1.7	2.5	115.5	567.3
Oct 10, 9:00 AM	64.5	0.0	2.7	3.3	104.8	526.4
Oct 10, 10:00 AM	62.8	0.0	1.5	3.5	120.6	562.5
Oct 10, 11:00 AM	76.5					
Oct 10, 12:00 PM	133.4	0.1	1.4	5.6	189.9	531.8
Oct 10, 1:00 PM	152.7	0.1	2.9	5.1	246.5	520.7
Oct 10, 2:00 PM	227.2	0.1	1.5	3.4	162.2	557.9
Oct 10, 3:00 PM	236.4	0.1	2.4	5.5	162.6	562.9
Oct 10, 4:00 PM	251.7	0.1	3.1	8.5	154.4	569.5
Oct 10, 5:00 PM	231.1	0.1	3.2	10.0	139.0	565.4
Oct 10, 6:00 PM	165.6	0.1	3.9	10.4	136.9	542.1
Oct 10, 7:00 PM	138.5	0.1	3.9	8.6	140.3	569.5
Oct 10, 8:00 PM	129.3	0.0	2.4	6.3	120.7	555.2
Oct 10, 9:00 PM	113.5	0.0	5.1	6.3	71.1	543.4
Oct 10, 10:00 PM	107.4	0.0	2.1	4.7	103.5	555.7
Oct 10, 11:00 PM	102.3	0.0	3.0	5.2	112.2	549.6
Oct 11, 12:00 AM	100.0	0.0	2.2	5.1	119.4	556.2
Oct 11, 1:00 AM	97.9	0.0	2.9	4.0	111.4	525.3
Oct 11, 2:00 AM	83.7	0.0	2.5	4.8	112.6	559.2
Oct 11, 3:00 AM	90.5	0.0	3.5	4.4	121.6	549.9
Oct 11, 4:00 AM	85.4	0.0	2.2	4.9	121.0	544.5
Oct 11, 5:00 AM	80.1	0.0	1.1	4.9	118.5	547.0
Oct 11, 6:00 AM	77.0	0.0	1.6	3.6	114.3	538.9
Oct 11, 7:00 AM	75.6	0.0	2.5	4.1	110.0	501.9
Oct 11, 8:00 AM	70.3	0.0	2.2	3.9	123.4	531.4
Oct 11, 9:00 AM	58.7	0.0	3.4	4.4	117.9	523.9
Oct 11, 10:00 AM	55.2	0.0	4.6	3.1	116.0	530.1
Oct 11, 11:00 AM	62.2	0.0	2.5	3.6	131.2	532.9

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 11, 12:00 PM	97.9	0.0	2.4	5.8	148.5	529.9
Oct 11, 1:00 PM	111.9	0.1	1.7	4.6	201.2	528.7
Oct 11, 2:00 PM	194.3	0.1	1.6	4.3	202.9	532.8
Oct 11, 3:00 PM	196.2	0.1	1.7	6.2	172.0	550.5
Oct 11, 4:00 PM	203.4	0.1	2.0	7.3	164.9	560.6
Oct 11, 5:00 PM	202.7	0.1	3.2	9.9	161.6	561.4
Oct 11, 6:00 PM	186.8	0.1	4.8	12.3	167.5	577.3
Oct 11, 7:00 PM	173.2	0.1	3.0	11.0	148.4	571.2
Oct 11, 8:00 PM	153.3	0.1	3.6	11.3	152.4	575.8
Oct 11, 9:00 PM	164.7	0.1	3.6	9.3	148.2	576.7
Oct 11, 10:00 PM	147.1	0.1	3.3	8.0	137.5	573.3
Oct 11, 11:00 PM	163.5	0.1	5.1	6.9	142.7	563.6
Oct 12, 12:00 AM	165.1	0.1	2.7	5.3	134.7	541.8
Oct 12, 1:00 AM	178.9	0.1	4.1	5.3	138.2	543.8
Oct 12, 2:00 AM	195.2	0.1	3.0	5.7	140.6	538.4
Oct 12, 3:00 AM	194.5	0.1	2.3	5.0	133.2	538.6
Oct 12, 4:00 AM	191.7	0.1	2.0	4.7	121.2	477.8
Oct 12, 5:00 AM	186.1	0.1	2.5	3.6	101.7	513.4
Oct 12, 6:00 AM	173.4	0.0	4.7	4.0	84.6	439.9
Oct 12, 7:00 AM	128.1	0.0	2.2	4.6	110.7	532.1
Oct 12, 8:00 AM	113.0	0.0	2.8	5.4	111.7	536.0
Oct 12, 9:00 AM	103.0	0.0	1.4	5.2	111.1	533.6
Oct 12, 10:00 AM	58.4	0.0	1.4	4.7	115.0	519.0
Oct 12, 11:00 AM	66.7	0.0	2.5	3.9	122.0	515.9
Oct 12, 12:00 PM	62.6	0.0	1.6	4.4	137.7	527.8
Oct 12, 1:00 PM	258.7	0.2	2.2	7.8	251.9	537.7
Oct 12, 2:00 PM	97.8	0.0	3.0	3.8	183.5	509.8
Oct 12, 3:00 PM	146.7	0.1	1.8	5.3	157.1	521.3



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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 12, 4:00 PM	156.1	0.1	4.1	3.8	125.0	519.3
Oct 12, 5:00 PM	153.0	0.1	2.7	4.1	123.9	537.4
Oct 12, 6:00 PM	118.1	0.1	3.7	5.9	145.9	536.3
Oct 12, 7:00 PM	93.6	0.0	2.2	5.4	138.0	513.3
Oct 12, 8:00 PM	76.8	0.0	4.4	6.6	127.5	500.3
Oct 12, 9:00 PM	72.8	0.0	2.4	6.2	78.6	525.1
Oct 12, 10:00 PM	66.8	0.0	1.1	5.3	104.0	507.4
Oct 12, 11:00 PM	65.5	0.0	2.4	4.9	111.2	545.9
Oct 13, 12:00 AM	80.9	0.0	1.6	3.9	115.8	548.8
Oct 13, 1:00 AM	72.4	0.0	2.4	5.5	111.9	554.7
Oct 13, 2:00 AM	79.6	0.0	3.5	4.7	109.7	480.3
Oct 13, 3:00 AM	82.7	0.0	1.8	4.2	113.8	543.1
Oct 13, 4:00 AM	74.5	0.0	2.0	3.1	115.6	542.7
Oct 13, 5:00 AM	77.9	0.0	1.5	3.5	113.8	541.4
Oct 13, 6:00 AM	81.6	0.0	2.6	3.7	110.8	537.3
Oct 13, 7:00 AM	71.2	0.0	2.5	3.4	106.7	501.4
Oct 13, 8:00 AM	73.5	0.0	1.3	4.1	124.3	539.1
Oct 13, 9:00 AM	65.7	0.0	2.6	3.4	104.4	529.6
Oct 13, 10:00 AM	60.4	0.0	2.1	4.0	107.4	528.6
Oct 13, 11:00 AM	60.5	0.0	2.3	4.6	114.0	522.7
Oct 13, 12:00 PM	56.6	0.0	1.7	4.3	116.6	513.6
Oct 13, 1:00 PM	62.8	0.0	2.2	3.1	121.5	521.2
Oct 13, 2:00 PM	63.8	0.0	1.5	2.4	119.8	522.9
Oct 13, 3:00 PM	58.5	0.0	1.9	3.9	120.0	523.2
Oct 13, 4:00 PM	60.3	0.0	3.1	3.2	132.4	528.4
Oct 13, 5:00 PM	57.5	0.0	1.9	2.1	108.1	519.2
Oct 13, 6:00 PM	55.5	0.0	1.1	2.5	98.7	523.7
Oct 13, 7:00 PM	53.2	0.0	2.3	3.4	103.7	536.5

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 13, 8:00 PM	64.2	0.0	3.0	4.0	111.3	533.6
Oct 13, 9:00 PM	61.2	0.0	3.0	3.6	117.1	535.4
Oct 13, 10:00 PM	64.5	0.0	2.4	2.8	107.6	515.7
Oct 13, 11:00 PM	34.9	0.0	1.4	3.9	113.4	519.3
Oct 14, 12:00 AM	34.5	0.0	2.7	2.6	111.3	522.0
Oct 14, 1:00 AM	33.2	0.0	2.7	2.3	105.8	520.8
Oct 14, 2:00 AM	36.3	0.0	2.1	3.1	92.5	512.3
Oct 14, 3:00 AM	16.0	0.0	2.1	3.0	94.2	499.9
Oct 14, 4:00 AM	8.2	0.0	2.3	3.2	97.5	493.6
Oct 14, 5:00 AM	10.9	0.0	0.9	2.6	100.6	513.1
Oct 14, 6:00 AM	14.1	0.0	3.0	3.9	99.2	517.3
Oct 14, 7:00 AM	34.0	0.0	4.0	4.1	105.7	535.1
Oct 14, 8:00 AM	35.4	0.0	2.0	2.7	108.0	521.4
Oct 14, 9:00 AM	58.4	0.0	3.5	3.1	108.5	483.9
Oct 14, 10:00 AM	12.0	0.0	2.3	5.0	139.6	497.5
Oct 14, 11:00 AM	29.2	0.0	1.6	3.1	113.3	490.7
Oct 14, 12:00 PM	20.8	0.0	2.1	3.3	198.6	490.5
Oct 14, 1:00 PM	35.6	0.0	2.0	3.0	163.3	486.5
Oct 14, 2:00 PM	52.4	0.0	1.9	2.2	101.1	469.6
Oct 14, 3:00 PM	47.1	0.0	2.3	3.4	113.4	467.0
Oct 14, 4:00 PM	44.4	0.0	2.6	3.0	83.5	453.4
Oct 14, 5:00 PM	46.7	0.0	2.1	3.2	82.1	478.9
Oct 14, 6:00 PM	46.8	0.0	1.8	3.3	111.5	484.2
Oct 14, 7:00 PM	73.9	0.0	2.1	4.4	80.5	476.2
Oct 14, 8:00 PM	56.8	0.0	1.7	2.8	89.3	477.8
Oct 14, 9:00 PM	51.1	0.0	2.0	4.0	106.8	492.2
Oct 14, 10:00 PM	32.2	0.0	2.3	3.2	70.1	511.2
Oct 14, 11:00 PM	20.7	0.0	2.3	3.3	72.3	517.6

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 15, 12:00 AM	14.1	0.0	2.4	3.9	80.5	511.8
Oct 15, 1:00 AM	9.1	0.0	1.1	2.7	92.1	515.9
Oct 15, 2:00 AM	16.7	0.0	1.5	2.8	152.0	515.6
Oct 15, 3:00 AM	22.6	0.0	0.8	3.1	169.8	521.1
Oct 15, 4:00 AM	23.2	0.0	1.6	4.2	96.7	522.4
Oct 15, 5:00 AM	18.5	0.0	2.1	3.9	65.2	495.1
Oct 15, 6:00 AM	25.8	0.0	2.0	2.7	91.2	490.2
Oct 15, 7:00 AM	21.9	0.0	2.4	2.5	137.5	495.2
Oct 15, 8:00 AM	46.0	0.0	4.5	2.9	84.0	498.3
Oct 15, 9:00 AM	63.0	0.0	2.5	3.6	101.6	507.6
Oct 15, 10:00 AM	237.6	0.1	1.7	2.4	95.0	498.9
Oct 15, 11:00 AM	311.4	0.0	0.9	1.3	49.4	486.3
Oct 15, 12:00 PM	315.5	0.1	1.9	2.0	61.6	495.6
Oct 15, 1:00 PM	309.5	0.0	1.7	1.8	56.3	487.6
Oct 15, 2:00 PM	313.3	0.1	1.2	1.8	88.0	469.4
Oct 15, 3:00 PM	1970.2	0.8	1.2	1.9	125.2	452.3
Oct 15, 4:00 PM	335.1	0.1	1.3	2.7	72.1	450.4
Oct 15, 5:00 PM	340.3	0.0	3.3	2.2	41.9	448.4
Oct 15, 6:00 PM	329.7	0.1	1.7	3.1	56.1	460.6
Oct 15, 7:00 PM	323.2	0.1	1.3	2.6	65.1	474.7
Oct 15, 8:00 PM	318.1	0.1	2.7	3.1	65.4	470.5
Oct 15, 9:00 PM	315.5	0.1	1.6	3.1	69.6	466.1
Oct 15, 10:00 PM	304.2	0.1	2.5	2.3	70.4	481.8
Oct 15, 11:00 PM	299.8	0.1	1.8	2.1	68.5	477.6
Oct 16, 12:00 AM	302.8	0.1	2.8	2.2	70.5	476.8
Oct 16, 1:00 AM	308.3	0.0	1.7	1.9	56.8	476.4
Oct 16, 2:00 AM	298.6	0.1	0.9	2.2	65.7	466.8
Oct 16, 3:00 AM	301.1	0.1	1.5	1.9	63.5	471.5

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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 16, 4:00 AM	283.5	0.0	1.0	2.4	63.9	477.8
Oct 16, 5:00 AM	284.8	0.1	4.0	3.1	65.0	466.0
Oct 16, 6:00 AM	304.7	0.1	2.2	2.0	69.1	465.6
Oct 16, 7:00 AM	284.2	0.1	1.4	2.4	69.3	458.1
Oct 16, 8:00 AM	285.6	0.1				479.2
Oct 16, 9:00 AM	288.4	0.0				420.6
Oct 16, 10:00 AM	299.1	0.1				457.2
Oct 16, 11:00 AM	306.5	0.1				435.8
Oct 16, 12:00 PM	316.0	0.1				456.4
Oct 16, 1:00 PM	324.6	0.1				451.2
Oct 16, 2:00 PM	332.3	0.1	3.1	2.8		457.8
Oct 16, 3:00 PM	340.0	0.1	1.2	1.7		468.4
Oct 16, 4:00 PM	349.1	0.1	2.3	2.5		472.8
Oct 16, 5:00 PM	346.5	0.0	1.2	3.0		482.3
Oct 16, 6:00 PM	328.1	0.1	2.1	4.6		505.5
Oct 16, 7:00 PM	331.3	0.1	1.1	5.8		513.8
Oct 16, 8:00 PM	328.1	0.1	1.9	3.7		520.5
Oct 16, 9:00 PM	334.1	0.1	1.6	1.7		516.9
Oct 16, 10:00 PM	334.7	0.1	2.7	2.1		510.6
Oct 16, 11:00 PM	327.4	0.1	1.8	2.2		513.9
Oct 17, 12:00 AM	333.4	0.1	1.1	2.3		518.1
Oct 17, 1:00 AM	339.6	0.1	1.0	1.5		520.5
Oct 17, 2:00 AM	331.0	0.1	2.5	2.8		508.6
Oct 17, 3:00 AM	337.8	0.1	1.3	2.3		490.8
Oct 17, 4:00 AM	325.5	0.1	1.4	1.8		503.8
Oct 17, 5:00 AM	311.3	0.1	2.5	0.9		509.7
Oct 17, 6:00 AM	325.2	0.1	1.4	2.2		504.4
Oct 17, 7:00 AM	325.6	0.1	1.9	2.3		495.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 17, 8:00 AM	313.9	0.1	1.3	2.8		459.6
Oct 17, 9:00 AM	314.7	0.1	1.2	2.3		483.5
Oct 17, 10:00 AM	311.3	0.1	1.1	2.9		492.4
Oct 17, 11:00 AM	336.2	0.1	1.6	2.9		486.6
Oct 17, 12:00 PM	371.5	0.1	2.2	2.4		496.2
Oct 17, 1:00 PM	390.8	0.1	1.1	3.6		487.8
Oct 17, 2:00 PM	406.2	0.2	3.4	3.5		502.8
Oct 17, 3:00 PM	406.6	0.1	1.2	2.4		502.4
Oct 17, 4:00 PM	396.5	0.1	2.5	5.3		504.9
Oct 17, 5:00 PM	383.3	0.1	3.9	6.2		513.4
Oct 17, 6:00 PM	357.4	0.1	1.9	4.9		520.5
Oct 17, 7:00 PM	362.8	0.1	1.3	3.0		517.7
Oct 17, 8:00 PM	345.6	0.1	3.2	3.7		519.4
Oct 17, 9:00 PM	355.0	0.1	2.6	2.4		506.4
Oct 17, 10:00 PM	353.0	0.1	2.1	2.2		511.1
Oct 17, 11:00 PM	365.5	0.1	1.1	2.4		512.4
Oct 18, 12:00 AM	361.5	0.1	2.0	1.8		511.1
Oct 18, 1:00 AM	364.8	0.1	2.6	2.0		509.9
Oct 18, 2:00 AM	343.7	0.1	1.4	2.3		496.3
Oct 18, 3:00 AM	346.4	0.1	1.3	1.9		494.0
Oct 18, 4:00 AM	357.3	0.1	1.6	1.3		504.3
Oct 18, 5:00 AM	359.9	0.1	1.5	1.1		498.2
Oct 18, 6:00 AM	349.0	0.1	2.0	2.8		501.1
Oct 18, 7:00 AM	350.1	0.1	1.3	1.4		489.3
Oct 18, 8:00 AM	360.2	0.1	3.4	3.1		495.2
Oct 18, 9:00 AM	343.2	0.1	4.3	1.8		492.6
Oct 18, 10:00 AM	359.7	0.1	4.8	3.3		504.7
Oct 18, 11:00 AM	358.8	0.1	2.4	1.7		492.0

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 18, 12:00 PM	383.3	0.1	1.3	1.6		482.5
Oct 18, 1:00 PM	380.6	0.1	1.2	2.4		500.5
Oct 18, 2:00 PM	387.1	0.1	1.5	2.9		494.2
Oct 18, 3:00 PM	388.7	0.2	1.5	3.2		487.8
Oct 18, 4:00 PM	397.6	0.1	2.7	2.8		483.3
Oct 18, 5:00 PM	390.1	0.1	2.7	4.5		484.4
Oct 18, 6:00 PM	377.1	0.1	3.8	5.4		502.6
Oct 18, 7:00 PM	348.7	0.1	2.6	5.6		500.2
Oct 18, 8:00 PM	344.5	0.1	3.7	5.1		498.3
Oct 18, 9:00 PM	369.1	0.1	2.0	3.5		489.7
Oct 18, 10:00 PM	378.5	0.1	1.5	3.0		495.3
Oct 18, 11:00 PM	367.8	0.1	1.4	2.6		494.4
Oct 19, 12:00 AM	370.7	0.1	1.3	2.0		497.4
Oct 19, 1:00 AM	365.2	0.1	2.0	2.7		499.7
Oct 19, 2:00 AM	362.4	0.1	1.9	2.8		489.8
Oct 19, 3:00 AM	354.1	0.1	4.7	3.3		497.3
Oct 19, 4:00 AM	345.1	0.1	1.2	2.2		496.9
Oct 19, 5:00 AM	340.4	0.1	1.7	1.8		498.4
Oct 19, 6:00 AM	346.8	0.1	2.2	2.5		497.3
Oct 19, 7:00 AM	336.2	0.1	0.8	2.2		486.7
Oct 19, 8:00 AM	346.4	0.1	2.1	1.8		490.8
Oct 19, 9:00 AM	332.8	0.1	1.3	1.8		496.4
Oct 19, 10:00 AM	346.2	0.1	0.9	1.9		492.2
Oct 19, 11:00 AM	376.6	0.1	0.9	2.6		492.9
Oct 19, 12:00 PM	395.2	0.1	2.4	2.5		493.0
Oct 19, 1:00 PM	395.1	0.1	2.2	2.6		494.8
Oct 19, 2:00 PM	406.2	0.2	3.6	2.1		498.0
Oct 19, 3:00 PM	401.9	0.1	1.7	3.4		499.1

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 19, 4:00 PM	406.1	0.1	2.1	4.9		512.8
Oct 19, 5:00 PM	405.8	0.1	1.7	5.8		516.0
Oct 19, 6:00 PM	401.1	0.1	3.9	10.3		520.3
Oct 19, 7:00 PM	379.8	0.1	2.0	8.3		521.0
Oct 19, 8:00 PM	382.9	0.1	3.0	7.2		490.2
Oct 19, 9:00 PM	382.5	0.1	1.1	5.9		507.3
Oct 19, 10:00 PM	390.8	0.1	2.1	4.8		507.4
Oct 19, 11:00 PM	396.1	0.1	2.4	4.2		496.6
Oct 20, 12:00 AM	387.9	0.1	2.6	4.0		506.0
Oct 20, 1:00 AM	388.9	0.1	3.8	3.1		508.3
Oct 20, 2:00 AM	377.6	0.1	1.2	2.5		532.4
Oct 20, 3:00 AM	373.5	0.1	0.9	2.5		524.5
Oct 20, 4:00 AM	372.2	0.1	1.0	2.5		518.1
Oct 20, 5:00 AM	374.7	0.1	4.9	2.2		525.9
Oct 20, 6:00 AM	371.6	0.1	1.3	2.8		527.7
Oct 20, 7:00 AM	358.6	0.1	1.3	3.0		530.3
Oct 20, 8:00 AM	353.7	0.1	1.8	2.5		529.6
Oct 20, 9:00 AM	349.4	0.1	2.4	2.9		505.5
Oct 20, 10:00 AM	358.5	0.1	2.9	2.3		507.3
Oct 20, 11:00 AM	357.7	0.1	1.5	2.5		512.0
Oct 20, 12:00 PM	377.0	0.1	0.9	2.4		513.0
Oct 20, 1:00 PM	396.6	0.1	2.0	1.7		518.4
Oct 20, 2:00 PM	384.0	0.1	1.3	2.9		515.1
Oct 20, 3:00 PM	400.8	0.1	3.5	2.6		514.8
Oct 20, 4:00 PM	408.0	0.1	2.2	3.2		523.2
Oct 20, 5:00 PM	417.6	0.1	1.7	4.9		538.0
Oct 20, 6:00 PM	404.5	0.1	2.6	7.6		553.3
Oct 20, 7:00 PM	389.9	0.1	2.8	6.1		553.8

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 20, 8:00 PM	404.6	0.1	3.1	4.9		544.5
Oct 20, 9:00 PM	404.4	0.1	2.4	4.7		546.5
Oct 20, 10:00 PM	456.5	0.1	3.8	3.6		542.3
Oct 20, 11:00 PM	201.7	0.3	4.3	8.5		597.1
Oct 21, 12:00 AM	409.6	0.2	2.4	4.8		545.6
Oct 21, 1:00 AM	398.9	0.1	1.7	3.0		530.0
Oct 21, 2:00 AM	402.1	0.1	1.5	2.1		539.5
Oct 21, 3:00 AM	383.5	0.1	2.4	2.6		544.0
Oct 21, 4:00 AM	379.7	0.1	1.9	2.6		537.5
Oct 21, 5:00 AM	386.3	0.1	0.8	2.1	86.5	535.8
Oct 21, 6:00 AM	395.0	0.1	2.9	3.2	87.7	528.6
Oct 21, 7:00 AM	386.1	0.1	1.0	1.7	81.5	535.2
Oct 21, 8:00 AM	383.1	0.1	1.8	2.7	80.4	532.6
Oct 21, 9:00 AM	374.2	0.1	1.9	2.5	84.6	530.0
Oct 21, 10:00 AM	360.9	0.1	2.2	3.6	86.0	501.7
Oct 21, 11:00 AM	381.5	0.1	2.8	2.9	89.1	514.9
Oct 21, 12:00 PM	388.2	0.1	1.8	3.0	102.2	520.0
Oct 21, 1:00 PM	400.6	0.2	2.2	3.2	138.7	526.4
Oct 21, 2:00 PM	422.1	0.2	1.7	5.2	125.0	535.4
Oct 21, 3:00 PM	421.3	0.1	3.6	4.7	110.6	537.2
Oct 21, 4:00 PM	424.2	0.1	3.4	5.8	102.5	544.6
Oct 21, 5:00 PM	425.3	0.1	2.6	6.4	104.9	547.0
Oct 21, 6:00 PM	440.0	0.1	2.5	5.5	102.3	556.7
Oct 21, 7:00 PM	440.3	0.1	4.1	4.7	89.2	564.6
Oct 21, 8:00 PM	442.3	0.1	2.4	6.0	87.8	564.9
Oct 21, 9:00 PM	425.5	0.1	2.6	6.8	98.2	568.6
Oct 21, 10:00 PM	425.2	0.1	4.4	5.9	92.3	555.1
Oct 21, 11:00 PM	425.8	0.1	1.6	4.0	87.3	553.7



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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 22, 12:00 AM	426.5	0.1	3.6	3.6	84.5	548.9
Oct 22, 1:00 AM	420.5	0.1	2.1	2.6	83.2	547.6
Oct 22, 2:00 AM	420.5	0.1	1.7	3.1	60.0	549.1
Oct 22, 3:00 AM	418.7	0.1	1.4	2.3	58.6	537.5
Oct 22, 4:00 AM	405.0	0.1	2.0	2.9	70.6	540.0
Oct 22, 5:00 AM	409.5	0.1	1.4	2.4	74.7	543.4
Oct 22, 6:00 AM	409.0	0.1	2.7	2.6	74.9	546.3
Oct 22, 7:00 AM	388.9	0.1	1.4	2.7	75.0	548.8
Oct 22, 8:00 AM	374.1	0.1	3.0	2.9	69.7	508.6
Oct 22, 9:00 AM	345.5	0.1	1.9	1.8	76.9	520.4
Oct 22, 10:00 AM	349.4	0.1	2.7	2.8	88.9	535.4
Oct 22, 11:00 AM	368.8	0.1	2.5	1.7	86.8	525.4
Oct 22, 12:00 PM	365.4	0.1	2.5	2.0	99.6	520.8
Oct 22, 1:00 PM	355.9	0.1	1.6	2.3	109.5	518.3
Oct 22, 2:00 PM	381.1	0.1	2.3	2.6	128.6	519.8
Oct 22, 3:00 PM	392.0	0.2	1.8	3.8	142.5	528.2
Oct 22, 4:00 PM	392.3	0.1	3.6	6.2	127.5	544.6
Oct 22, 5:00 PM	398.3	0.2	4.7	8.8	124.0	543.7
Oct 22, 6:00 PM	412.2	0.1	3.7	8.9	114.2	549.7
Oct 22, 7:00 PM	387.8	0.1	2.3	6.8	95.8	551.8
Oct 22, 8:00 PM	384.6	0.1	1.8	6.5	94.4	556.0
Oct 22, 9:00 PM	383.4	0.2	3.8	7.0	228.7	572.1
Oct 22, 10:00 PM	369.1	0.2	3.8	6.5	232.8	551.3
Oct 22, 11:00 PM	375.8	0.1	2.8	4.7	133.3	551.1
Oct 23, 12:00 AM	378.8	0.1	2.9	4.1	120.1	540.4
Oct 23, 1:00 AM	377.5	0.1	1.7	2.1	108.5	542.0
Oct 23, 2:00 AM	376.7	0.1	1.2	2.6	78.5	544.1
Oct 23, 3:00 AM	387.4	0.1	1.5	2.9	62.7	546.5

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 23, 4:00 AM	382.8	0.1	1.1	2.9	75.8	543.2
Oct 23, 5:00 AM	393.0	0.1	2.4	3.3	81.5	530.4
Oct 23, 6:00 AM	387.6	0.1	3.1	2.8	79.6	532.2
Oct 23, 7:00 AM	383.3	0.1	0.7	3.1	84.5	538.9
Oct 23, 8:00 AM	378.4	0.1	0.5	3.1	86.3	541.9
Oct 23, 9:00 AM	378.4	0.1	1.4	3.7	79.0	501.9
Oct 23, 10:00 AM	368.5	0.1	1.9	3.5	88.4	536.5
Oct 23, 11:00 AM	366.5	0.1	1.1	3.7	88.3	542.3
Oct 23, 12:00 PM	406.9	0.1	1.9	3.5	90.8	538.6
Oct 23, 1:00 PM	409.0	0.1	2.7	3.2	88.5	532.1
Oct 23, 2:00 PM	414.0	0.1	2.6	3.1	90.6	519.6
Oct 23, 3:00 PM	407.4	0.1	3.0	3.6	84.8	520.9
Oct 23, 4:00 PM	393.8	0.1	3.8	3.2	89.9	519.1
Oct 23, 5:00 PM	400.1	0.1	4.3	3.1	86.3	513.4
Oct 23, 6:00 PM	387.9	0.1	2.5	2.7	82.4	504.7
Oct 23, 7:00 PM	377.5	0.1	1.8	3.0	83.2	492.2
Oct 23, 8:00 PM	378.1	0.1	2.7	2.1	64.3	498.9
Oct 23, 9:00 PM	363.9	0.1	0.7	2.6	64.6	506.9
Oct 23, 10:00 PM	356.4	0.1	1.1	2.7	70.0	508.2
Oct 23, 11:00 PM	353.1	0.1	1.7	2.5	65.7	515.8
Oct 24, 12:00 AM	351.7	0.1	2.9	2.1	70.6	511.6
Oct 24, 1:00 AM	346.4	0.1	1.9	2.0	70.6	508.8
Oct 24, 2:00 AM	345.9	0.1	1.5	2.3	66.2	520.3
Oct 24, 3:00 AM	342.4	0.1	2.1	1.6	66.0	522.4
Oct 24, 4:00 AM	343.9	0.1	3.1	1.8	66.2	523.4
Oct 24, 5:00 AM	334.8	0.1	1.1	1.4	65.3	521.1
Oct 24, 6:00 AM	320.0	0.1	2.1	1.4	67.2	513.0
Oct 24, 7:00 AM	317.7	0.1	1.1	2.5	66.4	514.5

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 24, 8:00 AM	339.2	0.1	1.0	2.2	66.4	512.9
Oct 24, 9:00 AM	749.1	1.1	4.1	8.2	611.2	576.3
Oct 24, 10:00 AM	608.3	0.9	3.8	14.3	513.2	571.3
Oct 24, 11:00 AM	526.3	0.6	8.2	14.8	406.3	553.1
Oct 24, 12:00 PM	450.8	0.3	4.9	11.4	262.8	533.7
Oct 24, 1:00 PM	541.5	0.3	4.8	10.5	191.9	513.1
Oct 24, 2:00 PM	949.9	2.0	14.2	29.5	697.9	618.0
Oct 24, 3:00 PM	765.9	3.2	16.7	28.0	1535.1	679.2
Oct 24, 4:00 PM	601.7	1.7	17.5	27.6	963.3	681.3
Oct 24, 5:00 PM	367.8	0.4	9.7	16.6	358.2	567.0
Oct 24, 6:00 PM	357.2	0.1	4.0	11.2	99.2	524.5
Oct 24, 7:00 PM	453.6	0.2	7.3	13.5	141.8	537.1
Oct 24, 8:00 PM	603.5	0.6	5.5	19.0	352.7	569.0
Oct 24, 9:00 PM	593.8	0.8	7.4	21.2	461.9	560.3
Oct 24, 10:00 PM	589.5	0.8	10.7	21.3	467.4	568.1
Oct 24, 11:00 PM	640.1	0.9	8.1	22.3	458.2	576.7
Oct 25, 12:00 AM	619.3	0.8	6.4	22.1	460.1	572.9
Oct 25, 1:00 AM	444.6	0.5	5.4	17.7	350.5	544.9
Oct 25, 2:00 AM	379.7	0.1	2.6	7.7	102.8	504.3
Oct 25, 3:00 AM	362.5	0.1	2.5	5.2	58.2	503.7
Oct 25, 4:00 AM	367.6	0.1	3.9	5.3	57.0	502.3
Oct 25, 5:00 AM	336.2	0.1	3.3	4.2	103.3	512.8
Oct 25, 6:00 AM	334.2	0.1	2.2	4.2	70.6	506.6
Oct 25, 7:00 AM	318.6	0.1	1.7	2.5	75.5	499.4
Oct 25, 8:00 AM	321.6	0.1	2.3	3.9	86.5	499.9
Oct 25, 9:00 AM	325.8	0.1	2.2	3.9	78.7	498.0
Oct 25, 10:00 AM	316.1	0.1	2.5	2.5	65.9	503.6
Oct 25, 11:00 AM	315.0	0.1	3.9	2.7	98.0	504.1

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 25, 12:00 PM	318.5	0.1	2.1	2.2	64.9	504.1
Oct 25, 1:00 PM	320.1	0.1	1.0	3.8	74.3	488.4
Oct 25, 2:00 PM	325.2	0.1	3.7	3.0	97.7	507.2
Oct 25, 3:00 PM	331.9	0.1	4.7	2.9	80.2	500.4
Oct 25, 4:00 PM	325.6	0.1	1.4	2.4	78.9	495.7
Oct 25, 5:00 PM	323.2	0.1	3.2	3.4	66.0	467.2
Oct 25, 6:00 PM	334.3	0.0	1.6	2.6	48.0	479.3
Oct 25, 7:00 PM	349.6	0.1	2.3	3.6	49.5	486.9
Oct 25, 8:00 PM	344.2	0.1	1.5	3.9	59.7	488.5
Oct 25, 9:00 PM	342.0	0.1	2.3	3.6	71.4	494.0
Oct 25, 10:00 PM	346.2	0.1	1.4	3.7	107.2	492.8
Oct 25, 11:00 PM	327.3	0.1	1.1	3.4	86.5	476.9
Oct 26, 12:00 AM	336.9	0.1	2.4	3.3	65.5	480.4
Oct 26, 1:00 AM	340.6	0.1	2.6	2.1	62.4	493.3
Oct 26, 2:00 AM	332.8	0.1	1.1	1.7	69.1	494.9
Oct 26, 3:00 AM	320.8	0.1	1.6	3.6	64.5	496.8
Oct 26, 4:00 AM	319.6	0.0	0.8	3.7	48.3	483.7
Oct 26, 5:00 AM	328.2	0.1	1.1	3.7	54.7	482.7
Oct 26, 6:00 AM	317.4	0.0	0.7	2.2	54.3	480.9
Oct 26, 7:00 AM	320.9	0.0	2.1	2.3	46.3	486.7
Oct 26, 8:00 AM	310.1	0.0	1.3	2.6	54.8	480.6
Oct 26, 9:00 AM	305.8	0.1	2.8	3.3	57.6	474.6
Oct 26, 10:00 AM	301.8	0.1	2.2	2.9	57.6	468.7
Oct 26, 11:00 AM	279.8	0.1	1.9	2.8	68.8	455.4
Oct 26, 12:00 PM	288.4	0.1	1.0	3.2	100.2	441.1
Oct 26, 1:00 PM	290.4	0.1	1.4	2.6	83.5	432.8
Oct 26, 2:00 PM	305.2	0.1	1.3	2.8	66.8	405.7
Oct 26, 3:00 PM	311.3	0.0	1.2	2.1	55.9	434.4

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 26, 4:00 PM	330.1	0.1	0.9	3.8	55.2	454.6
Oct 26, 5:00 PM	318.0	0.1	2.1	4.0	81.8	468.5
Oct 26, 6:00 PM	312.5	0.1	3.4	2.8	67.6	469.9
Oct 26, 7:00 PM	322.0	0.1	2.6	3.2	55.2	482.6
Oct 26, 8:00 PM	317.5	0.1	3.3	3.6	73.7	475.0
Oct 26, 9:00 PM	326.3	0.1	1.4	3.9	80.1	484.3
Oct 26, 10:00 PM	329.3	0.1	2.6	3.5	59.9	483.9
Oct 26, 11:00 PM	319.7	0.1	1.7	3.5	66.7	489.4
Oct 27, 12:00 AM	310.8	0.1	2.6	2.6	62.8	484.8
Oct 27, 1:00 AM	321.2	0.0	1.5	2.0	55.4	471.8
Oct 27, 2:00 AM	328.2	0.1	3.1	3.5	54.3	472.3
Oct 27, 3:00 AM	323.0	0.1	1.4	3.0	59.4	475.1
Oct 27, 4:00 AM	317.5	0.1	2.5	3.3	69.5	481.0
Oct 27, 5:00 AM	309.8	0.1	2.9	2.7	65.2	487.8
Oct 27, 6:00 AM	297.9	0.0	4.0	2.7	55.6	475.8
Oct 27, 7:00 AM	289.1	0.1	1.5	3.0	66.6	475.3
Oct 27, 8:00 AM	285.3	0.0	3.2	2.9	54.5	474.8
Oct 27, 9:00 AM	332.0	0.0	1.7	2.7	54.9	476.9
Oct 27, 10:00 AM	935.3	1.4	7.5	18.3	906.3	558.6
Oct 27, 11:00 AM	1456.5	4.5	12.1	27.4	982.5	541.5
Oct 27, 12:00 PM	1793.0	13.7	14.5	27.3	1955.7	604.3
Oct 27, 1:00 PM	2416.5	25.9	31.6	55.3	3871.0	764.8
Oct 27, 2:00 PM	2753.8	26.6	26.3	45.5	3530.0	667.6
Oct 27, 3:00 PM	3868.7	27.4	26.9	44.3	2552.4	630.4
Oct 27, 4:00 PM	4265.3	31.6	34.6	68.0	2610.4	884.6
Oct 27, 5:00 PM	4353.6	21.0	10.7	54.9	1696.0	1287.9
Oct 27, 6:00 PM	3269.8	22.0	18.3	52.6	2379.7	1014.8
Oct 27, 7:00 PM	4765.5	52.7	28.7	59.3	4005.5	1172.8

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 27, 8:00 PM	5874.6	57.1	26.3	65.7	3499.3	1512.5
Oct 27, 9:00 PM	5775.4	36.1	6.2	71.3	2166.3	1788.3
Oct 27, 10:00 PM	4144.3	30.5	21.6	74.4	2613.0	1450.9
Oct 27, 11:00 PM	3312.4	28.4	51.1	76.8	3027.9	1261.2
Oct 28, 12:00 AM	3539.5	32.2	58.1	80.2	3217.4	1193.3
Oct 28, 1:00 AM	4221.9	37.0	64.3	79.9	3079.9	1181.8
Oct 28, 2:00 AM	3778.6	29.9	56.7	73.3	2770.9	1114.9
Oct 28, 3:00 AM	3540.7	31.8	53.5	78.0	3182.5	1076.1
Oct 28, 4:00 AM	2210.0	17.0	53.4	68.1	2647.2	1039.4
Oct 28, 5:00 AM	1749.3	10.5	46.3	57.2	2113.2	927.3
Oct 28, 6:00 AM	1819.2	13.2	47.3	63.6	2604.5	970.4
Oct 28, 7:00 AM	1179.1	8.2	45.6	65.7	2447.2	947.5
Oct 28, 8:00 AM	1085.2	7.2	46.5	68.8	2316.0	911.8
Oct 28, 9:00 AM	1065.3	6.5	43.6	65.8	2133.5	862.0
Oct 28, 10:00 AM	1046.8	6.4	44.5	67.8	2122.8	837.2
Oct 28, 11:00 AM	1028.9	5.9	42.2	71.7	1977.8	824.6
Oct 28, 12:00 PM	1392.0	8.6	43.1	74.0	2122.0	818.9
Oct 28, 1:00 PM	1792.1	11.3	44.6	82.4	2178.1	820.0
Oct 28, 2:00 PM	1817.8	12.2	49.8	90.6	2303.6	846.2
Oct 28, 3:00 PM	1206.4	7.4	43.3	82.2	2074.5	812.6
Oct 28, 4:00 PM	1186.4	6.9	41.2	84.4	1964.6	799.7
Oct 28, 5:00 PM	1406.9	8.2	47.8	96.4	1950.4	814.9
Oct 28, 6:00 PM	998.7	5.7	41.3	86.4	1953.7	781.5
Oct 28, 7:00 PM	1067.8	6.4	41.4	81.1	2053.3	781.1
Oct 28, 8:00 PM	1026.4	6.1	39.1	71.3	2076.8	763.4
Oct 28, 9:00 PM	1026.2	5.7	36.9	69.2	1935.9	766.2
Oct 28, 10:00 PM	980.5	5.2	34.8	66.2	1819.9	745.4
Oct 28, 11:00 PM	907.4	4.4	32.6	56.5	1667.0	708.6

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 29, 12:00 AM	1571.8	7.4	29.1	52.4	1639.8	682.7
Oct 29, 1:00 AM	1795.1	7.9	25.3	50.5	1537.6	677.4
Oct 29, 2:00 AM	1715.5	7.5	25.3	49.8	1530.7	672.1
Oct 29, 3:00 AM	1652.7	7.0	25.0	47.8	1470.0	656.1
Oct 29, 4:00 AM	1589.4	7.1	27.6	52.6	1558.4	675.6
Oct 29, 5:00 AM	1329.9	6.3	28.2	52.0	1633.9	680.4
Oct 29, 6:00 AM	1276.2	5.6	25.8	51.5	1549.9	676.6
Oct 29, 7:00 AM	886.1	4.3	29.3	53.2	1705.6	690.8
Oct 29, 8:00 AM	1122.4	5.5	30.1	53.7	1679.9	682.6
Oct 29, 9:00 AM	995.0	5.4	28.2	58.7	1803.0	715.3
Oct 29, 10:00 AM	1012.0	5.3	36.9	62.0	1814.5	730.1
Oct 29, 11:00 AM	999.4	5.8	34.9	68.1	1980.8	743.6
Oct 29, 12:00 PM	931.7	4.7	35.1	65.0	1745.1	713.4
Oct 29, 1:00 PM	1626.0	9.0	37.3	75.1	1884.5	748.1
Oct 29, 2:00 PM	1216.1	9.0	52.9	100.4	2589.0	884.9
Oct 29, 3:00 PM	888.5	5.1	46.3	93.4	1951.6	834.3
Oct 29, 4:00 PM	1472.6	8.5	53.4	105.9	1909.7	841.2
Oct 29, 5:00 PM	1619.5	9.7	59.3	125.7	1957.3	868.9
Oct 29, 6:00 PM	1441.1	8.6	61.4	127.3	1904.2	859.3
Oct 29, 7:00 PM	1255.9	6.5	59.4	119.7	1654.0	821.2
Oct 29, 8:00 PM	975.2	4.9	57.4	120.2	1615.3	815.8
Oct 29, 9:00 PM	1134.2	6.0	52.8	117.4	1704.2	809.7
Oct 29, 10:00 PM	1291.7	6.8	53.4	115.3	1699.1	794.3
Oct 29, 11:00 PM	1196.1	6.2	54.8	117.4	1674.8	793.2
Oct 30, 12:00 AM	1341.9	7.5	54.5	117.7	1814.9	809.2
Oct 30, 1:00 AM	1419.0	8.0	55.4	117.5	1830.3	818.3
Oct 30, 2:00 AM	1334.9	7.3	57.3	115.3	1756.7	806.2
Oct 30, 3:00 AM	1082.4	5.6	57.8	115.5	1666.1	811.2

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 30, 4:00 AM	752.6	3.5	48.8	99.7	1333.4	742.0
Oct 30, 5:00 AM	489.1	1.0	37.6	80.8	536.6	619.1
Oct 30, 6:00 AM	520.7	0.9	35.7	76.4	482.5	616.7
Oct 30, 7:00 AM	518.9	0.8	34.3	67.3	426.0	599.5
Oct 30, 8:00 AM	605.5	0.7	30.5	62.8	271.1	584.3
Oct 30, 9:00 AM	993.5	1.2	26.9	50.2	316.8	461.5
Oct 30, 10:00 AM	1376.5	1.7	22.9	45.4	366.0	521.1
Oct 30, 11:00 AM	1230.6	1.6	25.9	44.4	386.0	554.7
Oct 30, 12:00 PM	961.8	1.3	25.2	45.7	402.6	568.8
Oct 30, 1:00 PM	986.3	1.4	29.7	50.9	428.2	592.2
Oct 30, 2:00 PM	1066.0	1.9	34.6	54.9	555.9	629.0
Oct 30, 3:00 PM	1734.0	8.4	46.4	65.8	1758.5	771.2
Oct 30, 4:00 PM	1036.8	26.9	57.5	76.8	8841.6	989.1
Oct 30, 5:00 PM	582.8	2.8	30.4	39.7	1976.7	619.2
Oct 30, 6:00 PM	512.2	1.4	28.2	42.6	925.9	620.0
Oct 30, 7:00 PM	1212.8	2.5	27.3	45.2	662.5	623.8
Oct 30, 8:00 PM	1518.9	3.9	31.2	46.0	835.8	651.0
Oct 30, 9:00 PM	804.0	2.5	34.8	50.0	960.3	670.1
Oct 30, 10:00 PM	1203.8	3.9	34.9	50.4	1104.7	688.5
Oct 30, 11:00 PM	756.6	3.1	38.0	48.4	1339.8	694.8
Oct 31, 12:00 AM	510.4	1.2	28.0	41.6	786.4	610.5
Oct 31, 1:00 AM	532.8	0.9	25.9	36.0	559.4	581.5
Oct 31, 2:00 AM	639.7	1.0	25.6	36.3	512.3	590.2
Oct 31, 3:00 AM	1119.2	1.8	23.9	34.3	514.6	591.0
Oct 31, 4:00 AM	1349.3	2.0	23.9	33.0	483.7	590.4
Oct 31, 5:00 AM	1255.8	1.8	20.5	30.4	464.9	591.2
Oct 31, 6:00 AM	1066.3	1.5	17.1	30.1	450.3	577.0
Oct 31, 7:00 AM	915.8	1.3	20.0	28.6	457.7	576.1



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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 31, 8:00 AM	864.7	1.1	16.9	24.4	415.6	550.0
Oct 31, 9:00 AM	924.2	1.2	14.8	23.3	435.7	551.1
Oct 31, 10:00 AM	981.0	1.4	19.0	24.3	473.6	547.7
Oct 31, 11:00 AM	595.8	1.9	22.7	28.0	1290.1	635.8
Oct 31, 12:00 PM	897.4	2.6	23.7	27.1	1000.3	609.6
Oct 31, 1:00 PM	1150.6	4.2	23.8	28.4	1255.1	634.1
Oct 31, 2:00 PM	904.1	2.9	22.7	28.5	1149.0	633.6
Oct 31, 3:00 PM	1324.6	6.2	28.6	34.8	1594.6	699.9
Oct 31, 4:00 PM	1293.2	8.7	42.4	46.6	2371.1	809.4
Oct 31, 5:00 PM	1161.5	7.7	39.5	53.1	2337.4	844.1
Oct 31, 6:00 PM	1165.2	7.5	37.9	49.1	2270.3	821.9
Oct 31, 7:00 PM	2417.2	26.3	47.4	53.7	3903.4	976.6
Oct 31, 8:00 PM	2751.0	33.8	55.9	59.3	4438.9	1040.0
Oct 31, 9:00 PM	2525.5	26.3	52.1	54.4	3738.3	936.3
Oct 31, 10:00 PM	2922.4	32.6	55.1	58.7	4028.1	991.9
Oct 31, 11:00 PM	2833.7	34.4	53.0	58.1	4426.8	1006.7
Nov 1, 12:00 AM	2758.0	33.6	52.3	57.8	4432.1	1000.9
Nov 1, 1:00 AM	2690.6	32.7	51.6	55.5	4429.7	984.8
Nov 1, 2:00 AM	2675.7	29.8	48.2	49.8	4045.0	929.3
Nov 1, 3:00 AM	2690.2	30.3	46.0	49.7	4097.3	908.1
Nov 1, 4:00 AM	2683.1	29.4	40.6	43.4	3984.5	877.7
Nov 1, 5:00 AM	2731.5	29.8	40.8	46.2	3986.9	863.0
Nov 1, 6:00 AM	2698.1	28.2	37.5	40.0	3821.0	825.9
Nov 1, 7:00 AM	2629.6	25.8	33.1	37.5	3595.2	794.0
Nov 1, 8:00 AM	2743.4	28.5	36.5	42.2	3794.1	818.1
Nov 1, 9:00 AM	2735.1	28.3	31.3	37.2	3801.7	799.2
Nov 1, 10:00 AM	2742.6	28.2	36.6	34.3	3773.6	794.2
Nov 1, 11:00 AM	2745.8	27.4	30.3	32.0	3661.4	773.3

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 1, 12:00 PM	2717.9	26.8	34.4	30.7	3622.5	762.8
Nov 1, 1:00 PM	2718.0	27.0	34.5	29.4	3656.6	764.5
Nov 1, 2:00 PM	2665.1	27.5	34.1	29.0	3769.9	782.6
Nov 1, 3:00 PM	2745.6	27.5	37.0	35.0	3663.2	789.7
Nov 1, 4:00 PM	2736.2	27.0	40.0	41.5	3599.2	802.4
Nov 1, 5:00 PM	2684.0	27.1	32.7	37.0	3704.3	785.3
Nov 1, 6:00 PM	2751.9	28.4	33.5	33.9	3776.6	790.4
Nov 1, 7:00 PM	2802.3	29.7	34.5	32.2	3897.9	819.0
Nov 1, 8:00 PM	2790.5	30.1	34.7	31.9	3971.7	826.9
Nov 1, 9:00 PM	2729.4	29.1	35.9	31.7	3935.8	830.1
Nov 1, 10:00 PM	2745.0	30.1	36.3	36.9	4029.7	850.1
Nov 1, 11:00 PM	2793.7	30.7	38.1	35.5	4030.7	843.6
Nov 2, 12:00 AM	2841.9	30.5	39.5	37.0	3930.3	846.8
Nov 2, 1:00 AM	2819.0	30.9	39.5	39.6	4021.1	855.0
Nov 2, 2:00 AM	2837.3	31.1	36.4	36.8	4005.7	836.0
Nov 2, 3:00 AM	2862.3	31.3	38.4	32.1	4027.5	822.9
Nov 2, 4:00 AM	2887.1	30.8	34.0	30.7	3928.4	791.5
Nov 2, 5:00 AM	2856.3	31.2	40.4	34.0	4017.7	816.0
Nov 2, 6:00 AM	2898.9	30.8	35.1	33.3	3901.0	796.4
Nov 2, 7:00 AM	2853.0	30.0	34.3	30.9	3866.9	790.1
Nov 2, 8:00 AM	2943.6	30.5	35.4	35.1	3806.9	799.3
Nov 2, 9:00 AM	2951.4	31.8	34.0	31.7	3975.8	780.0
Nov 2, 10:00 AM	3039.1	34.5	39.6	32.3	4185.9	800.4
Nov 2, 11:00 AM	2949.4	34.4	38.8	34.5	4289.1	829.1
Nov 2, 12:00 PM	3058.4	36.0	40.0	35.6	4325.6	837.1
Nov 2, 1:00 PM	3058.8	37.4	42.4	38.1	4486.4	859.8
Nov 2, 2:00 PM	3011.3	39.8	45.7	43.2	4851.7	867.6
Nov 2, 3:00 PM	3018.9	40.0	49.4	53.1	4837.0	908.2

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 2, 4:00 PM	1071.7	13.7	49.3	50.4	4498.9	905.1
Nov 2, 5:00 PM	656.3	7.4	44.8	41.2	4118.4	835.8
Nov 2, 6:00 PM	477.7	5.1	42.0	37.0	3931.9	773.7
Nov 2, 7:00 PM	702.2	6.3	34.1	29.2	3345.4	664.6
Nov 2, 8:00 PM	1024.4	8.8	34.9	27.5	3081.1	632.8
Nov 2, 9:00 PM	565.1	5.0	35.4	27.9	3275.5	657.4
Nov 2, 10:00 PM	1287.0	11.7	30.3	26.2	3334.9	648.5
Nov 2, 11:00 PM	1540.2	14.1	32.9	24.4	3379.3	643.7
Nov 3, 12:00 AM	1676.7	15.3	30.4	24.6	3381.1	635.9
Nov 3, 1:00 AM	1663.0	13.9	30.1	25.7	3097.9	578.4
Nov 3, 1:00 AM	1842.1	14.3	28.7	22.8	2857.6	528.6
Nov 3, 2:00 AM	2100.1	16.0	28.3	21.7	2816.0	541.1
Nov 3, 3:00 AM	2177.2					
Nov 3, 4:00 AM	2147.3					
Nov 3, 5:00 AM	2115.1					
Nov 3, 6:00 AM	2137.2					
Nov 3, 7:00 AM	2135.3					
Nov 3, 8:00 AM	2797.3					
Nov 3, 9:00 AM	2081.4					
Nov 3, 10:00 AM	1392.9					
Nov 3, 11:00 AM	1604.8					
Nov 3, 12:00 PM	1634.7					
Nov 3, 1:00 PM	1533.6					
Nov 3, 2:00 PM	1836.1					
Nov 3, 3:00 PM	1449.6					
Nov 3, 4:00 PM	1606.5					
Nov 3, 5:00 PM	1478.5					
Nov 3, 6:00 PM	1662.9					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 3, 7:00 PM	1850.4					
Nov 3, 8:00 PM	1911.8					
Nov 3, 9:00 PM	1238.2					
Nov 3, 10:00 PM	997.2					
Nov 3, 11:00 PM	2151.8					
Nov 4, 12:00 AM	2409.7					
Nov 4, 1:00 AM	3138.1					
Nov 4, 2:00 AM	3246.5					
Nov 4, 3:00 AM	3196.0					
Nov 4, 4:00 AM	3183.1					
Nov 4, 5:00 AM	3180.9					
Nov 4, 6:00 AM	2959.2					
Nov 4, 7:00 AM	3145.8					
Nov 4, 8:00 AM	3066.3					
Nov 4, 9:00 AM	3022.9					
Nov 4, 10:00 AM	3084.0					
Nov 4, 11:00 AM	3129.6					
Nov 4, 12:00 PM	3102.8					
Nov 4, 1:00 PM	3086.3					
Nov 4, 2:00 PM	3086.7					
Nov 4, 3:00 PM	3061.4					
Nov 4, 4:00 PM	3110.8					
Nov 4, 5:00 PM	3091.6					
Nov 4, 6:00 PM	3040.8					
Nov 4, 7:00 PM	3048.3					
Nov 4, 8:00 PM	2868.7					
Nov 4, 9:00 PM	3155.6					
Nov 4, 10:00 PM	3091.0					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 4, 11:00 PM	3222.0					
Nov 5, 12:00 AM	3137.4					
Nov 5, 1:00 AM	3111.9					
Nov 5, 2:00 AM	3068.5					
Nov 5, 3:00 AM	3107.1					
Nov 5, 4:00 AM	3042.8					
Nov 5, 5:00 AM	3108.9					
Nov 5, 6:00 AM	2970.1					
Nov 5, 7:00 AM	3036.1					
Nov 5, 8:00 AM	2984.1					
Nov 5, 9:00 AM	2995.6					
Nov 5, 10:00 AM	2969.3					
Nov 5, 11:00 AM	2961.4					
Nov 5, 12:00 PM	2919.6					
Nov 5, 1:00 PM	2941.8					
Nov 5, 2:00 PM	2930.3					
Nov 5, 3:00 PM	2950.5					
Nov 5, 4:00 PM	2901.3					
Nov 5, 5:00 PM	2916.8					
Nov 5, 6:00 PM	2931.0					
Nov 5, 7:00 PM	2847.6					
Nov 5, 8:00 PM	2891.7					
Nov 5, 9:00 PM	2904.1					
Nov 5, 10:00 PM	2951.9					
Nov 5, 11:00 PM	2715.4					
Nov 6, 12:00 AM	3002.3					
Nov 6, 1:00 AM	2963.3					
Nov 6, 2:00 AM	2848.1					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 6, 3:00 AM	2940.7					
Nov 6, 4:00 AM	2879.6					
Nov 6, 5:00 AM	2966.6					
Nov 6, 6:00 AM	2962.5					
Nov 6, 7:00 AM	2900.7					
Nov 6, 8:00 AM	2953.3					
Nov 6, 9:00 AM	2889.7					
Nov 6, 10:00 AM	2942.5					
Nov 6, 11:00 AM	2940.1					
Nov 6, 12:00 PM	2872.6					
Nov 6, 1:00 PM	2934.4					
Nov 6, 2:00 PM	2867.1					
Nov 6, 3:00 PM	3007.7					
Nov 6, 4:00 PM	2245.6					
Nov 6, 5:00 PM	2968.8					
Nov 6, 6:00 PM	2854.0					
Nov 6, 7:00 PM	2951.4					
Nov 6, 8:00 PM	2807.3					
Nov 6, 9:00 PM	4025.4					
Nov 6, 10:00 PM	5327.3					
Nov 6, 11:00 PM	6849.4					
Nov 7, 12:00 AM	7171.2					
Nov 7, 1:00 AM	7761.5					
Nov 7, 2:00 AM	4206.1					
Nov 7, 3:00 AM	1889.1					
Nov 7, 4:00 AM	2947.6					
Nov 7, 5:00 AM	1705.4					
Nov 7, 6:00 AM	1742.5					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 7, 7:00 AM	2116.5					
Nov 7, 8:00 AM	2641.5					
Nov 7, 9:00 AM	2663.3					
Nov 7, 10:00 AM	2513.8					
Nov 7, 11:00 AM	2464.7					
Nov 7, 12:00 PM	2183.6					
Nov 7, 1:00 PM	2591.7					
Nov 7, 2:00 PM	2526.1					
Nov 7, 3:00 PM	2424.2					
Nov 7, 4:00 PM	2382.2					
Nov 7, 5:00 PM	2851.5					
Nov 7, 6:00 PM	2730.0					
Nov 7, 7:00 PM	2873.1					
Nov 7, 8:00 PM	2233.3					
Nov 7, 9:00 PM	3445.5					
Nov 7, 10:00 PM	4229.0					
Nov 7, 11:00 PM	5844.2					
Nov 8, 12:00 AM	7384.2					
Nov 8, 1:00 AM	7100.4					
Nov 8, 2:00 AM	6536.7					
Nov 8, 3:00 AM	1730.6					
Nov 8, 4:00 AM	1784.9					
Nov 8, 5:00 AM	1844.8					
Nov 8, 6:00 AM	1854.9					
Nov 8, 7:00 AM	2100.4					
Nov 8, 8:00 AM	2732.2					
Nov 8, 9:00 AM	2744.9					
Nov 8, 10:00 AM	2612.3					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 8, 11:00 AM	2618.2					
Nov 8, 12:00 PM	2635.4					
Nov 8, 1:00 PM	2607.3					
Nov 8, 2:00 PM	2538.9					
Nov 8, 3:00 PM	2522.9					
Nov 8, 4:00 PM	2536.8					
Nov 8, 5:00 PM	2665.0					
Nov 8, 6:00 PM	2715.9					
Nov 8, 7:00 PM	2628.0					
Nov 8, 8:00 PM	2642.9					
Nov 8, 9:00 PM	2424.6					
Nov 8, 10:00 PM	2301.9					
Nov 8, 11:00 PM	2349.3					
Nov 9, 12:00 AM	2380.0					
Nov 9, 1:00 AM	2392.9					
Nov 9, 2:00 AM	2476.7					
Nov 9, 3:00 AM	2532.9					
Nov 9, 4:00 AM	2500.2					
Nov 9, 5:00 AM	2446.4					
Nov 9, 6:00 AM	2520.9					
Nov 9, 7:00 AM	2448.4					
Nov 9, 8:00 AM	2601.2					
Nov 9, 9:00 AM	2581.3					
Nov 9, 10:00 AM	2497.3					
Nov 9, 11:00 AM	2313.5					
Nov 9, 12:00 PM	2207.3					
Nov 9, 1:00 PM	2191.3					
Nov 9, 2:00 PM	2290.3					



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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 9, 3:00 PM	2150.3					
Nov 9, 4:00 PM	2363.4					
Nov 9, 5:00 PM	2487.4					
Nov 9, 6:00 PM	2490.4					
Nov 9, 7:00 PM	2513.6					
Nov 9, 8:00 PM	2294.3					
Nov 9, 9:00 PM	2540.8					
Nov 9, 10:00 PM	2536.3					
Nov 9, 11:00 PM	2521.6					
Nov 10, 12:00 AM	2535.1					
Nov 10, 1:00 AM	2525.8					
Nov 10, 2:00 AM	2535.7					
Nov 10, 3:00 AM	2539.0					
Nov 10, 4:00 AM	2522.6					
Nov 10, 5:00 AM	2526.8					
Nov 10, 6:00 AM	2496.5					
Nov 10, 7:00 AM	2548.5					
Nov 10, 8:00 AM	2526.3					
Nov 10, 9:00 AM	2372.6					
Nov 10, 10:00 AM	2369.5					
Nov 10, 11:00 AM	2433.5					
Nov 10, 12:00 PM	2483.2					
Nov 10, 1:00 PM	2481.8					
Nov 10, 2:00 PM	2470.1					
Nov 10, 3:00 PM	2452.3					
Nov 10, 4:00 PM	2310.0					
Nov 10, 5:00 PM	2465.4					
Nov 10, 6:00 PM	2450.6					

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 10, 7:00 PM	2470.6					
Nov 10, 8:00 PM	2399.0					
Nov 10, 9:00 PM	2462.6					
Nov 10, 10:00 PM	2479.3					
Nov 10, 11:00 PM	2444.6					
Nov 11, 12:00 AM	2451.4					
Nov 11, 1:00 AM	2372.9					
Nov 11, 2:00 AM	2415.9					
Nov 11, 3:00 AM	2440.5					
Nov 11, 4:00 AM	2409.9					
Nov 11, 5:00 AM	2419.4					
Nov 11, 6:00 AM	2418.9					
Nov 11, 7:00 AM	2463.2					
Nov 11, 8:00 AM	2511.2					
Nov 11, 9:00 AM	2513.4					
Nov 11, 10:00 AM	2509.1					
Nov 11, 11:00 AM	2523.3					
Nov 11, 12:00 PM	2467.7					
Nov 11, 1:00 PM	2516.0					
Nov 11, 2:00 PM	2503.6					
Nov 11, 3:00 PM	2485.0					
Nov 11, 4:00 PM	2506.9					
Nov 11, 5:00 PM	2516.8					
Nov 11, 6:00 PM	2474.7					
Nov 11, 7:00 PM	2516.4					
Nov 11, 8:00 PM	2549.9					
Nov 11, 9:00 PM	2587.1					
Nov 11, 10:00 PM	2629.2					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 11, 11:00 PM	2614.2					
Nov 12, 12:00 AM	2633.1					
Nov 12, 1:00 AM	2607.1					
Nov 12, 2:00 AM	2643.6					
Nov 12, 3:00 AM	2629.0					
Nov 12, 4:00 AM	2643.4					
Nov 12, 5:00 AM	2658.7					
Nov 12, 6:00 AM	2528.4					
Nov 12, 7:00 AM	2483.1					
Nov 12, 8:00 AM	2561.9					
Nov 12, 9:00 AM	2507.7					
Nov 12, 10:00 AM	2458.8					
Nov 12, 11:00 AM	2415.5					
Nov 12, 12:00 PM	2358.5					
Nov 12, 1:00 PM	2259.7					
Nov 12, 2:00 PM	2241.4					
Nov 12, 3:00 PM	2218.8					
Nov 12, 4:00 PM	2254.4					
Nov 12, 5:00 PM	2420.6					
Nov 12, 6:00 PM	2455.8					
Nov 12, 7:00 PM	2530.4					
Nov 12, 8:00 PM	2535.6					
Nov 12, 9:00 PM	2551.9					
Nov 12, 10:00 PM	2560.0					
Nov 12, 11:00 PM	2559.3					
Nov 13, 12:00 AM	2605.7					
Nov 13, 1:00 AM	2605.8					
Nov 13, 2:00 AM	2604.6					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 13, 3:00 AM	2599.7					
Nov 13, 4:00 AM	2604.7					
Nov 13, 5:00 AM	2638.8					
Nov 13, 6:00 AM	2552.2					
Nov 13, 7:00 AM	2618.5					
Nov 13, 8:00 AM	2637.3					
Nov 13, 9:00 AM	2638.8					
Nov 13, 10:00 AM	2532.2					
Nov 13, 11:00 AM	2444.0					
Nov 13, 12:00 PM	1832.1					
Nov 13, 1:00 PM	2187.2					
Nov 13, 2:00 PM	2204.5					
Nov 13, 3:00 PM	2304.5					
Nov 13, 4:00 PM	2328.7					
Nov 13, 5:00 PM	2417.6					
Nov 13, 6:00 PM	2473.8					
Nov 13, 7:00 PM	2485.4					
Nov 13, 8:00 PM	2559.9					
Nov 13, 9:00 PM	2489.0					
Nov 13, 10:00 PM	2371.7					
Nov 13, 11:00 PM	2582.3					
Nov 14, 12:00 AM	2400.4					
Nov 14, 1:00 AM	2777.0					
Nov 14, 2:00 AM	2325.0					
Nov 14, 3:00 AM	2452.0					
Nov 14, 4:00 AM	2252.7					
Nov 14, 5:00 AM	2433.8					
Nov 14, 6:00 AM	2724.1					

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 14, 7:00 AM	2933.8					
Nov 14, 8:00 AM	2710.9					
Nov 14, 9:00 AM	2773.4					
Nov 14, 10:00 AM	2505.0					
Nov 14, 11:00 AM	2494.5					
Nov 14, 12:00 PM	2515.0					
Nov 14, 1:00 PM	2014.2					
Nov 14, 2:00 PM	2487.2					
Nov 14, 3:00 PM	2054.1					
Nov 14, 4:00 PM	2660.9					
Nov 14, 5:00 PM	2904.0					
Nov 14, 6:00 PM	2892.8					
Nov 14, 7:00 PM	3117.5					
Nov 14, 8:00 PM	2826.2					
Nov 14, 9:00 PM	1778.8					
Nov 14, 10:00 PM	1793.2					
Nov 14, 11:00 PM	2033.2					
Nov 15, 12:00 AM	2986.1					
Nov 15, 1:00 AM	3011.3					
Nov 15, 2:00 AM	3602.4					
Nov 15, 3:00 AM	2874.0					
Nov 15, 4:00 AM	2850.0					
Nov 15, 5:00 AM	2802.8					
Nov 15, 6:00 AM	2732.3					
Nov 15, 7:00 AM	2656.6					
Nov 15, 8:00 AM	3436.3					
Nov 15, 9:00 AM	5219.0					
Nov 15, 10:00 AM	7628.0					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 15, 11:00 AM	9928.4					
Nov 15, 12:00 PM	3847.2					
Nov 15, 1:00 PM	2774.9					
Nov 15, 2:00 PM	2879.1					
Nov 15, 3:00 PM	3127.7					
Nov 15, 4:00 PM	5117.9					
Nov 15, 5:00 PM	4440.5					
Nov 15, 6:00 PM	3935.4					
Nov 15, 7:00 PM	4317.0					
Nov 15, 8:00 PM	3752.0					
Nov 15, 9:00 PM	3561.2					
Nov 15, 10:00 PM	2353.5					
Nov 15, 11:00 PM	1851.3					
Nov 16, 12:00 AM	1821.0					
Nov 16, 1:00 AM	2103.7					
Nov 16, 2:00 AM	2925.2					
Nov 16, 3:00 AM	2834.4					
Nov 16, 4:00 AM	2750.0					
Nov 16, 5:00 AM	2733.2					
Nov 16, 6:00 AM	2688.1					
Nov 16, 7:00 AM	2687.4					
Nov 16, 8:00 AM	2676.6					
Nov 16, 9:00 AM	2708.6					
Nov 16, 10:00 AM	2701.7					
Nov 16, 11:00 AM	2746.5					
Nov 16, 12:00 PM	2784.6					
Nov 16, 1:00 PM	2716.7					
Nov 16, 2:00 PM	2788.7					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 16, 3:00 PM	2779.4					
Nov 16, 4:00 PM	2761.3					
Nov 16, 5:00 PM	2731.7					
Nov 16, 6:00 PM	2733.8					
Nov 16, 7:00 PM	2718.5					
Nov 16, 8:00 PM	2730.7					
Nov 16, 9:00 PM	3181.7					
Nov 16, 10:00 PM	3605.9					
Nov 16, 11:00 PM	2817.6					
Nov 17, 12:00 AM	2822.5					
Nov 17, 1:00 AM	2770.9					
Nov 17, 2:00 AM	2768.6					
Nov 17, 3:00 AM	2754.9					
Nov 17, 4:00 AM	2755.6					
Nov 17, 5:00 AM	2735.4					
Nov 17, 6:00 AM	2771.1					
Nov 17, 7:00 AM	2705.6					
Nov 17, 8:00 AM	2656.3					
Nov 17, 9:00 AM	2763.7					
Nov 17, 10:00 AM	2754.7					
Nov 17, 11:00 AM	2724.9					
Nov 17, 12:00 PM	2705.3					
Nov 17, 1:00 PM	2727.0					
Nov 17, 2:00 PM	2701.8					
Nov 17, 3:00 PM	2680.9					
Nov 17, 4:00 PM	2696.9					
Nov 17, 5:00 PM	2686.4					
Nov 17, 6:00 PM	2680.8					

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 17, 7:00 PM	2752.3					
Nov 17, 8:00 PM	2758.6	17.2	30.5	60.5	2199.0	1023.4
Nov 17, 9:00 PM	2734.1	16.8	32.0	52.0	2184.5	1044.1
Nov 17, 10:00 PM	2729.9	16.3	26.5	35.0	2156.5	1034.7
Nov 17, 11:00 PM	2613.7	15.5	26.8	32.8	2142.5	1028.9
Nov 18, 12:00 AM	2731.0	16.0	15.5	29.0	2135.0	1037.1
Nov 18, 1:00 AM	2773.6	16.3	21.3	28.7	2137.0	1029.2
Nov 18, 2:00 AM	2808.1	16.4	19.6	25.3	2140.0	1027.9
Nov 18, 3:00 AM	2781.3	16.1	24.6	24.6	2110.2	1025.5
Nov 18, 4:00 AM	2783.6	16.2	14.2	26.0	2123.7	1024.2
Nov 18, 5:00 AM	2785.5	16.2	24.6	25.0	2118.7	1023.2
Nov 18, 6:00 AM	2809.1	16.1	17.1	24.9	2100.2	1020.8
Nov 18, 7:00 AM	2823.6	16.5	23.3	47.0	2082.2	1047.3
Nov 18, 8:00 AM	2832.0	17.6	27.7	57.5	2199.7	1042.2
Nov 18, 9:00 AM	2843.3					
Nov 18, 10:00 AM	2827.6					
Nov 18, 11:00 AM	2749.4					
Nov 18, 12:00 PM	2649.1					
Nov 18, 1:00 PM	2609.4					
Nov 18, 2:00 PM	2547.4					
Nov 18, 3:00 PM	2589.7					
Nov 18, 4:00 PM	2698.8					
Nov 18, 5:00 PM	2659.8					
Nov 18, 6:00 PM	2712.7					
Nov 18, 7:00 PM	2743.2					
Nov 18, 8:00 PM	2754.5					
Nov 18, 9:00 PM	2770.3					
Nov 18, 10:00 PM	2804.1					



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 18, 11:00 PM	2797.8					
Nov 19, 12:00 AM	2819.7					
Nov 19, 1:00 AM	2827.9					
Nov 19, 2:00 AM	2766.5					
Nov 19, 3:00 AM	2793.1					
Nov 19, 4:00 AM	2804.3					
Nov 19, 5:00 AM	2809.8					
Nov 19, 6:00 AM	2791.6					
Nov 19, 7:00 AM	2800.4					
Nov 19, 8:00 AM	2775.1					
Nov 19, 9:00 AM	2784.1					
Nov 19, 10:00 AM	2756.2					
Nov 19, 11:00 AM	2678.7					
Nov 19, 12:00 PM	2724.6					
Nov 19, 1:00 PM	2662.4					
Nov 19, 2:00 PM	2598.4					
Nov 19, 3:00 PM	2683.8					
Nov 19, 4:00 PM	2745.9					
Nov 19, 5:00 PM	2745.9	15.4	31.2	56.8	1977.3	904.0
Nov 19, 6:00 PM	2733.2	18.0	31.4	50.6	2351.4	1026.3
Nov 19, 7:00 PM	2759.3	19.6	30.7	46.9	2559.0	1029.3
Nov 19, 8:00 PM	2721.3	29.9	33.6	57.7	3992.7	1040.9
Nov 19, 9:00 PM	2690.4	18.2	33.1	46.0	2428.7	1027.1
Nov 19, 10:00 PM	2676.9	17.0	24.5	39.3	2293.2	1016.9
Nov 19, 11:00 PM	2691.6	16.9	28.6	43.7	2251.5	1019.1
Nov 20, 12:00 AM	2659.6	17.6	34.9	57.2	2354.1	1029.0
Nov 20, 1:00 AM	2660.7	17.9	31.5	48.5	2411.0	1022.7
Nov 20, 2:00 AM	2684.7	17.0	24.7	38.9	2286.9	1014.0

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 20, 3:00 AM	2669.7	16.7	23.1	36.1	2266.8	1000.6
Nov 20, 4:00 AM	2679.1	16.8	27.1	34.8	2262.5	1011.9
Nov 20, 5:00 AM	2696.4	17.2	25.6	38.6	2303.5	1017.2
Nov 20, 6:00 AM	2705.1	18.0	26.6	35.1	2414.2	1015.5
Nov 20, 7:00 AM	2717.7	18.0	28.6	40.0	2385.2	1019.0
Nov 20, 8:00 AM	2724.7	18.1	31.3	47.0	2379.6	1019.7
Nov 20, 9:00 AM	2732.0					
Nov 20, 10:00 AM	2666.3					
Nov 20, 11:00 AM	2616.4					
Nov 20, 12:00 PM	2595.5					
Nov 20, 1:00 PM	2696.1	16.3	30.6	46.9	2150.3	977.9
Nov 20, 2:00 PM	2681.8	17.8	30.0	46.4	2384.3	1032.7
Nov 20, 3:00 PM	2566.1	17.7	30.3	48.5	2483.1	1039.6
Nov 20, 4:00 PM	2650.5	17.6	33.0	48.6	2370.5	1043.2
Nov 20, 5:00 PM	2586.5	16.4	39.4	49.2	2256.0	1043.2
Nov 20, 6:00 PM	2646.2	16.4	31.3	39.9	2225.1	1032.4
Nov 20, 7:00 PM	2765.1	16.9	27.0	37.8	2203.7	1027.5
Nov 20, 8:00 PM	2787.6	17.1	27.4	48.3	2194.5	1033.7
Nov 20, 9:00 PM	2834.6	17.4	32.5	41.6	2195.1	1029.2
Nov 20, 10:00 PM	2793.3	17.1	23.8	35.0	2222.5	1021.5
Nov 20, 11:00 PM	2846.2	17.8	26.2	44.3	2240.0	1026.4
Nov 21, 12:00 AM	2802.3	17.3	31.7	46.5	2200.0	1024.3
Nov 21, 1:00 AM	2824.3	17.7	25.2	36.4	2260.2	1019.3
Nov 21, 2:00 AM	2825.2	17.3	25.2	30.1	2226.0	1016.4
Nov 21, 3:00 AM	2853.9	17.7	25.2	30.5	2250.7	1019.8
Nov 21, 4:00 AM	2813.8	17.5	29.5	46.2	2226.7	1027.9
Nov 21, 5:00 AM	2820.3	17.6	29.5	42.4	2246.9	1023.7
Nov 21, 6:00 AM	2870.7	17.4	24.6	30.3	2197.4	1017.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 21, 7:00 AM	2921.5	17.4	22.7	37.9	2154.5	1035.3
Nov 21, 8:00 AM	2874.3	17.4	33.3	58.9	2136.0	1073.6
Nov 21, 9:00 AM	2871.3	18.0	30.5	45.3	2238.8	1045.3
Nov 21, 10:00 AM	2968.8	18.2	25.1	33.7	2218.3	1034.7
Nov 21, 11:00 AM	3738.1	16.2	20.6	28.9	1554.9	831.8
Nov 21, 12:00 PM	3130.2	14.8	16.5	26.2	1716.1	1149.4
Nov 21, 1:00 PM	2406.3	14.2	16.6	22.1	2262.0	1140.4
Nov 21, 2:00 PM	2778.3	14.7	18.0	21.5	1966.6	1103.3
Nov 21, 3:00 PM	2934.2	18.7	18.9	18.7	2348.7	1050.1
Nov 21, 4:00 PM	2887.8	17.5	25.7	27.4	2211.2	1044.4
Nov 21, 5:00 PM	2859.3	17.3	31.3	58.9	2141.7	1072.9
Nov 21, 6:00 PM	2858.1	18.0	26.1	50.8	2245.8	1053.7
Nov 21, 7:00 PM	2854.0	17.4	24.7	41.4	2194.3	1044.0
Nov 21, 8:00 PM	2857.5	18.7	25.2	38.3	2363.8	1038.7
Nov 21, 9:00 PM	2870.0	17.5	19.7	37.9	2203.7	1034.6
Nov 21, 10:00 PM	2901.3	17.7	22.1	34.8	2204.3	1031.3
Nov 21, 11:00 PM	2889.6	17.6	25.4	34.0	2210.6	1035.7
Nov 22, 12:00 AM	2980.3	17.9	20.8	36.0	2172.7	1034.8
Nov 22, 1:00 AM	2860.3	16.8	27.5	52.7	2092.1	1000.7
Nov 22, 2:00 AM	2899.3	17.6	30.0	47.9	2167.3	1046.4
Nov 22, 3:00 AM	2926.7	17.4	23.1	35.3	2147.2	1038.9
Nov 22, 4:00 AM	2900.5	17.1	24.5	31.6	2143.1	1034.5
Nov 22, 5:00 AM	2802.3	17.5	29.5	53.0	2219.8	1059.3
Nov 22, 6:00 AM	2881.3	18.1	28.2	43.9	2249.2	1075.4
Nov 22, 7:00 AM	2822.6	17.7	25.8	41.0	2263.5	1077.3
Nov 22, 8:00 AM	2838.5	17.8	34.0	53.4	2209.6	1083.6
Nov 22, 9:00 AM	2889.1	17.9	26.0	37.2	2221.2	1064.0
Nov 22, 10:00 AM	5048.7	16.1	19.1	31.3	1277.4	658.6

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 22, 11:00 AM	5453.6	10.0	11.8	20.1	638.7	326.3
Nov 22, 12:00 PM	3122.2	9.5	12.7	23.1	1295.2	624.2
Nov 22, 1:00 PM	4806.2	14.3	30.6	57.5	976.2	613.6
Nov 22, 2:00 PM	3190.3	10.6	13.2	20.0	1252.5	1029.8
Nov 22, 3:00 PM	2972.4	16.1	18.3	24.2	1927.9	1100.8
Nov 22, 4:00 PM	2743.7	14.9	17.3	23.6	1945.3	1097.1
Nov 22, 5:00 PM	5471.8	12.2	6.7	12.2	840.4	1140.1
Nov 22, 6:00 PM	5259.9	11.4	18.7	31.7	743.5	1147.4
Nov 22, 7:00 PM	4885.8	13.2	11.0	22.3	958.7	1045.9
Nov 22, 8:00 PM	4459.5	11.8	11.1	12.2	987.6	1063.1
Nov 22, 9:00 PM	3179.4	16.8	23.1	25.5	1914.2	1073.3
Nov 22, 10:00 PM	3097.1	18.5	18.3	27.8	2183.4	1063.8
Nov 22, 11:00 PM	2968.3	18.5	20.6	24.8	2283.7	1057.5
Nov 23, 12:00 AM	2996.5	17.5	21.6	22.9	2147.3	1061.6
Nov 23, 1:00 AM	4605.2	14.6	12.8	15.7	1234.6	1128.4
Nov 23, 2:00 AM	3989.8	13.8	16.8	17.7	1395.5	1099.9
Nov 23, 3:00 AM	4924.8	13.2	11.0	12.1	1081.4	1131.0
Nov 23, 4:00 AM	5275.5	10.6	18.7	39.5	737.2	1149.5
Nov 23, 5:00 AM	6378.5	8.8	10.6	14.8	479.7	1151.1
Nov 23, 6:00 AM	6213.8	8.2	5.4	9.4	473.0	1153.1
Nov 23, 7:00 AM	6353.3	9.0	12.6	21.1	477.8	1160.6
Nov 23, 8:00 AM	6186.9	8.5	7.5	11.7	486.5	1158.7
Nov 23, 9:00 AM	6087.9	8.0	3.9	9.2	474.7	1162.6
Nov 23, 10:00 AM	5720.8	8.1	7.4	9.7	528.8	1161.7
Nov 23, 11:00 AM	8122.7	10.5	4.2	10.1	467.6	1171.6
Nov 23, 12:00 PM	4485.8	14.9	31.8	45.6	1247.6	1104.0
Nov 23, 1:00 PM	3174.0	15.1	20.9	27.5	1745.7	1094.1
Nov 23, 2:00 PM	2979.4	16.9	17.7	19.3	2079.0	1101.9

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 23, 3:00 PM	3364.3	18.2	15.0	15.9	1997.3	1116.8
Nov 23, 4:00 PM	3334.5	20.3	20.8	27.4	2218.4	1124.5
Nov 23, 5:00 PM	3151.1	26.6	22.4	27.1	3112.6	1123.9
Nov 23, 6:00 PM	3190.6	58.1	20.7	18.5	6813.9	1116.3
Nov 23, 7:00 PM	3350.4	116.8	30.3	51.5	13059.6	1133.6
Nov 23, 8:00 PM	3152.5	145.2	31.0	33.9	17201.6	1118.7
Nov 23, 9:00 PM	3857.3	231.3	21.7	26.5	22479.7	1109.5
Nov 23, 10:00 PM	4247.1	341.1	24.0	26.5	30176.0	1106.6
Nov 23, 11:00 PM	4282.8	453.7	27.9	30.0	39840.7	1112.7
Nov 24, 12:00 AM	4321.9	446.6	25.8	25.8	38889.3	1113.8
Nov 24, 1:00 AM	4435.7	188.5	22.8	20.8	15991.3	1133.1
Nov 24, 2:00 AM	4634.1	24.9	19.7	16.0	1995.1	1175.4
Nov 24, 3:00 AM	3506.4	20.8	16.5	17.9	2216.6	1159.9
Nov 24, 4:00 AM	2968.4	21.9	23.0	24.6	2722.7	1121.8
Nov 24, 5:00 AM	2933.6	22.8	26.4	34.2	2827.8	1134.7
Nov 24, 6:00 AM	2826.1	17.9	26.8	36.8	2283.4	1117.8
Nov 24, 7:00 AM	2756.2	18.4	28.7	32.2	2425.3	1112.3
Nov 24, 8:00 AM	2716.5	19.6	24.1	29.3	2634.5	1111.1
Nov 24, 9:00 AM	2700.3	22.7	22.2	28.1	3097.1	1114.3
Nov 24, 10:00 AM	2622.7	22.2	22.6	28.1	3121.6	1110.2
Nov 24, 11:00 AM	2708.9	24.9	26.7	26.5	3393.4	1115.2
Nov 24, 12:00 PM	2621.9	25.2	24.7	29.9	3547.5	1121.5
Nov 24, 1:00 PM	2685.7	24.6	23.6	39.0	3349.8	1118.0
Nov 24, 2:00 PM	2668.2	23.5	24.8	37.6	3216.5	1112.1
Nov 24, 3:00 PM	2639.2	24.5	30.3	47.4	3377.7	1122.6
Nov 24, 4:00 PM	2630.9	23.1	36.2	53.4	3166.1	1124.6
Nov 24, 5:00 PM	2645.5	19.5	38.4	61.8	2618.7	1125.0
Nov 24, 6:00 PM	2619.3	23.9	30.8	55.3	3299.5	1117.9

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 24, 7:00 PM	2597.5	24.1	33.8	51.5	3363.8	1112.9
Nov 24, 8:00 PM	2602.4	37.8	30.8	55.9	5337.9	1125.8
Nov 24, 9:00 PM	2564.5	30.4	34.2	43.0	4345.3	1116.3
Nov 24, 10:00 PM	2604.4	18.1	29.9	42.2	2513.5	1104.7
Nov 24, 11:00 PM	2675.4	22.1	28.2	39.6	3013.5	1107.3
Nov 25, 12:00 AM	2654.6	24.4	23.8	35.1	3374.5	1107.0
Nov 25, 1:00 AM	2673.8	21.1	27.2	33.4	2884.0	1101.0
Nov 25, 2:00 AM	2632.0	21.9	23.5	30.5	3054.6	1100.2
Nov 25, 3:00 AM	2672.4	22.6	23.1	27.4	3117.4	1099.3
Nov 25, 4:00 AM	2532.7	21.9	27.3	28.1	3182.5	1097.9
Nov 25, 5:00 AM	2607.4	24.2	30.0	43.9	3380.7	1113.6
Nov 25, 6:00 AM	2398.5	21.3	29.1	40.6	3205.0	1102.5
Nov 25, 7:00 AM	2479.4	16.5	25.6	36.7	2415.7	1103.5
Nov 25, 8:00 AM	2593.2	21.1	26.8	31.9	2976.2	1105.0
Nov 25, 9:00 AM	2640.7	30.9	27.0	29.8	4332.8	1112.7
Nov 25, 10:00 AM	2575.3	23.5	22.5	30.7	3353.6	1107.0
Nov 25, 11:00 AM	2626.6	32.2	24.1	29.9	4459.6	1114.7
Nov 25, 12:00 PM	2573.1	16.2	29.1	31.1	2286.3	1102.6
Nov 25, 1:00 PM	2544.0	21.6	30.2	32.4	3112.7	1105.2
Nov 25, 2:00 PM	2466.5	21.0	24.1	29.3	3125.7	1104.7
Nov 25, 3:00 PM	2566.1	22.4	26.7	30.3	3211.1	1110.2
Nov 25, 4:00 PM	2541.7	19.5	30.4	43.5	2777.7	1118.3
Nov 25, 5:00 PM	2526.1	21.1	28.6	48.0	3023.2	1113.6
Nov 25, 6:00 PM	2529.9	21.0	30.6	42.6	3022.4	1114.0
Nov 25, 7:00 PM	2474.8	20.3	28.5	43.6	2974.0	1115.0
Nov 25, 8:00 PM	2612.8	22.4	32.2	55.6	3091.1	1128.3
Nov 25, 9:00 PM	2570.7	24.2	34.7	48.8	3413.3	1126.1
Nov 25, 10:00 PM	2568.5	23.9	28.0	45.6	3390.9	1123.3

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 25, 11:00 PM	2467.0	20.5	32.0	41.6	3019.8	1114.4
Nov 26, 12:00 AM	2648.9	21.1	33.6	53.5	2858.8	1125.7
Nov 26, 1:00 AM	2599.1	21.7	35.7	54.3	3009.9	1123.1
Nov 26, 2:00 AM	2600.4	23.8	28.9	45.1	3338.9	1124.7
Nov 26, 3:00 AM	2651.2	41.5	30.4	44.4	5780.7	1148.4
Nov 26, 4:00 AM	2728.7	25.2	27.5	44.3	3366.0	1128.1
Nov 26, 5:00 AM	2632.2	42.8	30.2	41.3	6009.4	1102.5
Nov 26, 6:00 AM	2492.4	19.3	29.6	41.5	2771.1	1052.7
Nov 26, 7:00 AM	2372.4	6.7	30.3	42.5	931.3	1077.0
Nov 26, 8:00 AM	2647.2	17.9	26.4	39.9	2447.2	1103.4
Nov 26, 9:00 AM	2598.0	19.0	23.1	39.5	2659.9	1105.5
Nov 26, 10:00 AM	2663.6	19.7	25.0	49.8	2658.4	1113.7
Nov 26, 11:00 AM	2577.1	19.7	25.9	54.0	2715.6	1116.6
Nov 26, 12:00 PM	2363.4	16.0	29.4	52.7	2557.7	1108.3
Nov 26, 1:00 PM	2999.6	16.6	32.7	58.8	2103.8	1130.8
Nov 26, 2:00 PM	4732.9	12.7	12.1	23.6	958.5	1168.9
Nov 26, 3:00 PM	2915.2	11.5	16.3	31.6	1431.3	1144.2
Nov 26, 4:00 PM	2868.3	13.8	21.1	26.2	1768.5	1134.6
Nov 26, 5:00 PM	2792.8	20.4	23.8	39.0	2659.6	1111.7
Nov 26, 6:00 PM	2626.0	20.5	30.1	38.7	2837.3	1090.3
Nov 26, 7:00 PM	2475.9	20.9	23.0	34.3	3076.3	1078.6
Nov 26, 8:00 PM	2680.8	22.0	28.5	50.0	2969.4	1088.5
Nov 26, 9:00 PM	2639.9	24.3	23.5	48.3	3357.0	1081.6
Nov 26, 10:00 PM	2585.7	23.7	28.3	40.5	3349.2	1078.7
Nov 26, 11:00 PM	2585.1	24.6	23.9	38.2	3482.0	1081.5
Nov 27, 12:00 AM	2506.1	20.2	18.7	36.0	2954.7	1072.2
Nov 27, 1:00 AM	2656.8	22.9	20.8	35.0	3157.4	1067.5
Nov 27, 2:00 AM	2690.0	23.5	22.7	33.9	3203.7	1068.7

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 27, 3:00 AM	2689.5	23.4	20.2	33.4	3198.3	1064.9
Nov 27, 4:00 AM	2628.2	23.2	24.0	31.9	3245.8	1065.8
Nov 27, 5:00 AM	2704.8	24.0	25.0	43.1	3239.1	1077.3
Nov 27, 6:00 AM	2697.7	24.1	22.1	44.1	3261.0	1075.0
Nov 27, 7:00 AM	2671.6	21.6	20.3	40.1	2953.9	1073.1
Nov 27, 8:00 AM	2719.5	21.7	26.2	44.4	2868.5	1081.5
Nov 27, 9:00 AM	2681.7	23.2	27.1	45.0		1081.3
Nov 27, 10:00 AM	2677.1	28.0	23.7	47.2		1090.8
Nov 27, 11:00 AM	2616.8					
Nov 27, 12:00 PM	2620.5					
Nov 27, 1:00 PM	2589.8					
Nov 27, 2:00 PM	2471.8					
Nov 27, 3:00 PM	2600.0					
Nov 27, 4:00 PM	2559.3	18.9	26.1	55.6	2657.4	1092.7
Nov 27, 5:00 PM	2585.1	17.9	26.3	50.4	2491.6	1085.1
Nov 27, 6:00 PM	2606.4	18.7	30.8	52.2	2570.3	1081.6
Nov 27, 7:00 PM	2490.0	17.2	22.4	48.5	2489.8	1078.5
Nov 27, 8:00 PM	2639.0	18.2	28.5	61.4	2446.0	1092.9
Nov 27, 9:00 PM	2636.7	18.4	30.7	59.0	2484.3	1087.8
Nov 27, 10:00 PM	2646.1	19.2	29.7	51.9	2609.6	1083.9
Nov 27, 11:00 PM	2591.3	18.8	28.7	48.8	2618.5	1081.9
Nov 28, 12:00 AM	2553.1	17.6	23.8	45.5	2483.7	1080.9
Nov 28, 1:00 AM	2595.0	17.3	30.8	55.6	2375.9	1087.7
Nov 28, 2:00 AM	2571.3	18.7	28.9	53.8	2599.2	1090.1
Nov 28, 3:00 AM	2490.1	18.2	32.0	48.7	2647.8	1087.8
Nov 28, 4:00 AM	2500.7	10.7	28.3	48.0	1509.8	1079.1
Nov 28, 5:00 AM	2627.1	16.0	27.3	49.9	2165.6	1087.6
Nov 28, 6:00 AM	2574.5	17.0	27.1	59.7	2350.7	1096.0



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 28, 7:00 AM	2516.5	17.8	29.2	53.7	2539.2	1093.7
Nov 28, 8:00 AM	2474.6	14.0	27.0	50.1	2010.0	1089.0
Nov 28, 9:00 AM	2503.2	16.6	26.4	45.8	2381.8	1087.5
Nov 28, 10:00 AM	2497.9	16.6	24.6	43.2	2395.3	1088.5
Nov 28, 11:00 AM	2524.8	18.9	24.0	42.6	2720.9	1093.2
Nov 28, 12:00 PM	2286.5	18.3	25.0	43.4	2885.7	1096.3
Nov 28, 1:00 PM	2388.6	9.2	24.2	45.4	1313.3	1091.8
Nov 28, 2:00 PM	2480.8	15.4	31.9	56.1	2195.2	1110.1
Nov 28, 3:00 PM	2537.0	18.2	31.8	51.9	2577.8	1111.1
Nov 28, 4:00 PM	2503.2	15.0	26.9	45.4	2150.4	1102.4
Nov 28, 5:00 PM	2547.4	16.8	27.9	42.7	2372.2	1096.8
Nov 28, 6:00 PM	2587.0	17.5	24.3	43.2	2445.5	1092.7
Nov 28, 7:00 PM	2318.9	16.8	20.9	41.4	2693.8	1093.2
Nov 28, 8:00 PM	2668.8	14.6	27.2	43.3	1960.0	1094.9
Nov 28, 9:00 PM	2673.0	17.5	29.4	50.5	2338.3	1094.4
Nov 28, 10:00 PM	2613.1	17.9	26.2	47.1	2464.0	1096.2
Nov 28, 11:00 PM	2614.1	16.6	23.5	44.2	2291.1	1091.4
Nov 29, 12:00 AM	2599.5	17.7	25.2	41.4	2457.2	1088.9
Nov 29, 1:00 AM	2689.6	18.2	29.2	47.0	2434.1	1097.3
Nov 29, 2:00 AM	2617.4	18.1	32.5	50.8	2469.9	1096.9
Nov 29, 3:00 AM	2607.5	17.8	27.4	46.0	2453.2	1090.8
Nov 29, 4:00 AM	2574.3	17.5	28.4	41.9	2457.1	1087.8
Nov 29, 5:00 AM	2595.6	17.6	23.7	37.7	2454.7	1085.9
Nov 29, 6:00 AM	2586.8	17.9	28.3	36.6	2510.2	1086.7
Nov 29, 7:00 AM	2601.6	17.3	23.4	33.8	2419.7	1086.9
Nov 29, 8:00 AM	2584.8	17.5	22.3	35.9	2453.8	1088.3
Nov 29, 9:00 AM	2607.1	18.7	24.3	34.8	2613.6	1089.5
Nov 29, 10:00 AM	2560.4	18.8	25.2	35.8	2668.9	1096.9

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 29, 11:00 AM	2521.3	16.9	26.8	38.1	2432.5	1099.8
Nov 29, 12:00 PM	2409.5	20.7	28.4	36.8	3128.1	1105.8
Nov 29, 1:00 PM	2501.6	21.2	33.1	45.5	3072.5	1118.4
Nov 29, 2:00 PM	2381.9	28.3	31.1	52.4	4340.7	1130.4
Nov 29, 3:00 PM	2552.5	33.2	30.5	47.4	4791.6	1138.8
Nov 29, 4:00 PM	2670.1	29.3	25.2	40.9	4015.9	1143.7
Nov 29, 5:00 PM	2749.8	19.9	26.9	49.0	2580.5	1117.1
Nov 29, 6:00 PM	2713.9	9.8	30.0	48.0	1231.3	1084.8
Nov 29, 7:00 PM	2721.9	11.6	31.7	44.3	1480.2	1078.4
Nov 29, 8:00 PM	2701.1	23.3	27.3	43.9	3144.2	1091.0
Nov 29, 9:00 PM	2724.0	19.7	28.2	44.5	2607.1	1076.9
Nov 29, 10:00 PM	2687.2	7.5	28.2	44.0	940.7	1060.1
Nov 29, 11:00 PM	2700.1	15.9	28.3	43.2	2100.4	1070.7
Nov 30, 12:00 AM	2687.5	15.6	29.4	43.1	2075.6	1075.8
Nov 30, 1:00 AM	2644.7	23.7	28.8	43.8	3269.7	1081.5
Nov 30, 2:00 AM	2709.0	25.3	28.3	42.9	3409.0	1081.4
Nov 30, 3:00 AM	2695.0	17.7	27.9	39.7	2369.9	1074.5
Nov 30, 4:00 AM	2690.5	15.5	29.3	36.3	2069.9	1072.5
Nov 30, 5:00 AM	2698.8	19.8	26.6	35.5	2669.1	1076.8
Nov 30, 6:00 AM	2719.6	22.0	26.7	34.9	2961.7	1079.4
Nov 30, 7:00 AM	2643.0	16.1	29.5	35.9	2199.5	1076.6
Nov 30, 8:00 AM	2740.4	16.7	29.1	37.9	2191.3	1090.6
Nov 30, 9:00 AM	2651.6	7.1	29.3	44.9	897.3	1084.0
Nov 30, 10:00 AM	2759.6	13.1	29.9	40.4	1686.9	987.9
Nov 30, 11:00 AM	1919.8	11.5	27.8	38.4	2157.0	969.6
Nov 30, 12:00 PM	1918.0	10.1	30.5	44.3	1871.3	968.1
Nov 30, 1:00 PM	2169.0	11.4	29.2	48.2	1862.1	958.0
Nov 30, 2:00 PM	3033.1	15.0	30.1	44.0	1751.1	942.9

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 30, 3:00 PM	2785.9	14.1	24.8	39.1	1819.5	954.2
Nov 30, 4:00 PM	2014.2	13.0	28.5	40.8	2314.1	1074.3
Nov 30, 5:00 PM	2844.4	13.9	34.8	46.9	1717.8	1101.7
Nov 30, 6:00 PM	2830.4	17.6	35.3	53.5	2203.4	1103.4
Nov 30, 7:00 PM	2783.7	18.1	34.4	53.0	2300.7	1111.0
Nov 30, 8:00 PM	2917.5	42.7	37.9	63.2	5399.7	1142.9
Nov 30, 9:00 PM	2764.1	22.6	37.6	61.5	2936.1	1120.2
Nov 30, 10:00 PM	2776.1	16.2	37.1	58.1	2045.5	1109.9
Nov 30, 11:00 PM	2671.0	18.7	35.5	54.3	2500.2	1114.3
Dec 1, 12:00 AM	2696.1	16.7	31.9	59.9	2183.4	1113.2
Dec 1, 1:00 AM	2740.0	19.8	32.2	59.9	2575.4	1097.2
Dec 1, 2:00 AM	2716.7	21.3	33.4	56.4	2812.7	1093.1
Dec 1, 3:00 AM	2577.8	26.9	34.0	50.0	3807.5	1093.0
Dec 1, 4:00 AM	2580.8	34.8	29.4	45.3	4965.6	1092.7
Dec 1, 5:00 AM	2665.9	22.4	32.7	49.7	3034.4	1080.6
Dec 1, 6:00 AM	2650.3	14.5	35.8	52.7	1923.3	1073.8
Dec 1, 7:00 AM	2495.0	17.2	34.7	51.1	2463.0	1079.0
Dec 1, 8:00 AM	2731.1	18.4	31.0	48.1	2420.5	1084.6
Dec 1, 9:00 AM	2583.2	10.0	35.7	50.6	1326.8	1085.6
Dec 1, 10:00 AM	2603.2	10.3	33.6	52.5	1328.9	1099.6
Dec 1, 11:00 AM	2717.9	15.1	34.6	52.6	1963.7	1105.5
Dec 1, 12:00 PM	2607.9	15.9	33.4	52.1	2158.7	1104.6
Dec 1, 1:00 PM	2560.3	16.4	42.0	52.1	2273.5	1100.2
Dec 1, 2:00 PM	2621.1	16.6	44.8	59.9	2231.8	1099.3
Dec 1, 3:00 PM	1858.3	12.2	37.4	58.4	2321.0	1095.3
Dec 1, 4:00 PM	1964.8	12.8	32.0	54.8	2325.2	1088.8
Dec 1, 5:00 PM	2825.2	18.8	38.4	58.4	2358.0	1090.9
Dec 1, 6:00 PM	2856.7	19.1	35.1	58.7	2369.1	1087.4

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 1, 7:00 PM	2718.2	21.9	37.3	53.8	2885.4	1085.2
Dec 1, 8:00 PM	2790.1	26.6	36.7	54.0	3449.7	1070.9
Dec 1, 9:00 PM	2756.9	17.9	34.8	56.1	2302.9	1076.9
Dec 1, 10:00 PM	2754.3	18.6	34.4	52.3	2404.1	1071.2
Dec 1, 11:00 PM	2667.8	18.0	32.3	48.3	2409.2	1066.7
Dec 2, 12:00 AM	2782.0	17.9	31.7	52.8	2285.7	1070.6
Dec 2, 1:00 AM	2694.3	16.5	29.5	53.5	2176.9	1069.4
Dec 2, 2:00 AM	2395.2	14.9	31.9	51.5	2204.5	1071.0
Dec 2, 3:00 AM	2790.9	18.1	30.7	45.2	2321.4	1070.5
Dec 2, 4:00 AM	2814.3	17.8	29.3	44.1	2263.6	1063.6
Dec 2, 5:00 AM	2817.1	18.1	29.4	44.1	2308.4	1065.3
Dec 2, 6:00 AM	2828.3	18.9	29.7	42.7	2411.1	1070.0
Dec 2, 7:00 AM	2845.8	36.6	27.7	44.7	4709.7	1098.4
Dec 2, 8:00 AM	2901.1	52.0	30.4	52.3	6630.8	1117.7
Dec 2, 9:00 AM	2890.2	59.7	32.2	52.4	7654.4	1119.9
Dec 2, 10:00 AM	2890.1	50.1	37.8	55.1	6387.0	1111.4
Dec 2, 11:00 AM	2867.4	51.3	35.1	55.9	6608.2	1113.1
Dec 2, 12:00 PM	2714.1	59.6	36.3	54.5	8164.6	1126.4
Dec 2, 1:00 PM	2549.9	49.6	35.6	53.4	7223.1	1118.4
Dec 2, 2:00 PM	2425.7	11.8	38.3	56.3	1691.1	1087.0
Dec 2, 3:00 PM	2471.3	15.9	39.4	60.4	2260.6	1090.7
Dec 2, 4:00 PM	1751.7	9.6	29.6	45.0	1915.0	1045.4
Dec 2, 5:00 PM	1407.2	4.3	15.2	22.8	1082.7	967.1
Dec 2, 6:00 PM	1343.8	3.9	14.5	20.9	1033.0	954.6
Dec 2, 7:00 PM	1457.2	7.3	19.4	28.9	1806.7	998.5
Dec 2, 8:00 PM	1289.8	14.8	16.1	21.5	4263.8	984.6
Dec 2, 9:00 PM	1287.8	7.0	15.5	18.9	2019.9	950.5
Dec 2, 10:00 PM	1332.0	4.2	17.6	18.4	1136.7	950.8

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 2, 11:00 PM	1290.9	4.2	17.5	19.1	1163.1	952.1
Dec 3, 12:00 AM	1321.2	4.0	14.4	18.3	1090.4	950.7
Dec 3, 1:00 AM	1303.6	3.8	13.7	19.1	1047.7	941.6
Dec 3, 2:00 AM	1326.8	3.9	16.2	19.7	1053.3	942.1
Dec 3, 3:00 AM	1345.5	4.0	13.2	18.7	1062.2	943.2
Dec 3, 4:00 AM	1330.9	4.0	16.0	17.7	1079.7	945.9
Dec 3, 5:00 AM	1340.8	4.0	12.8	18.6	1072.4	945.5
Dec 3, 6:00 AM	1341.8	3.9	12.9	18.6	1032.5	940.1
Dec 3, 7:00 AM	1370.3	4.9	19.2	25.3	1277.9	965.3
Dec 3, 8:00 AM	1351.9	4.0	13.1	20.5	1068.0	948.4
Dec 3, 9:00 AM	1331.0	4.5	15.6	22.7	1203.8	949.9
Dec 3, 10:00 AM	1269.5	4.5	14.0	25.1	1283.0	953.6
Dec 3, 11:00 AM	1194.2	3.8	13.0	21.1	1150.7	941.2
Dec 3, 12:00 PM	1211.4	4.3	15.8	23.5	1268.2	934.0
Dec 3, 1:00 PM	1097.2	4.3	14.1	25.0	1408.4	949.3
Dec 3, 2:00 PM	1166.6	3.7	14.3	21.3	1117.3	931.7
Dec 3, 3:00 PM	1327.9	4.9	16.1	24.1	1335.9	942.4
Dec 3, 4:00 PM	668.7	3.6	14.9	25.2	1989.0	952.2
Dec 3, 5:00 PM	678.6	7.2	15.2	16.7	3980.5	952.3
Dec 3, 6:00 PM	698.9	1.6	11.7	20.2	824.7	920.9
Dec 3, 7:00 PM	1244.6	4.8	17.4	26.1	1386.2	954.2
Dec 3, 8:00 PM	1461.2	4.6	15.5	25.6	1113.2	945.6
Dec 3, 9:00 PM	1471.3	5.0	14.4	27.0	1215.0	953.5
Dec 3, 10:00 PM	1455.2	5.0	18.5	29.1	1229.8	963.9
Dec 3, 11:00 PM	1425.1	4.7	14.4	27.7	1177.5	958.1
Dec 4, 12:00 AM	1409.3	4.9	16.9	30.3	1246.0	971.4
Dec 4, 1:00 AM	1382.2	5.2	21.3	33.2	1317.2	979.6
Dec 4, 2:00 AM	1344.9	4.5	20.3	31.3	1190.9	974.4

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 4, 3:00 AM	1344.5	4.6	19.2	29.0	1208.0	973.4
Dec 4, 4:00 AM	1320.2	4.6	16.8	28.0	1253.0	978.1
Dec 4, 5:00 AM	1315.6	4.8	14.6	27.9	1298.7	980.5
Dec 4, 6:00 AM	1323.2	5.0	19.9	28.5	1349.2	988.6
Dec 4, 7:00 AM	1176.3	4.2	18.8	27.9	1289.2	979.6
Dec 4, 8:00 AM	1185.8	3.6	17.1	22.5	1088.0	962.3
Dec 4, 9:00 AM	1210.3	4.1	13.2	20.9	1188.6	960.0
Dec 4, 10:00 AM	1015.2	4.8	17.3	21.1	1756.4	975.1
Dec 4, 11:00 AM	1113.4	8.0	17.3	22.1	2635.5	988.7
Dec 4, 12:00 PM	1254.8	11.4	19.4	24.7	3347.9	1005.8
Dec 4, 1:00 PM	1260.1	6.6	21.3	29.5	1887.1	1003.8
Dec 4, 2:00 PM	1385.5	4.9	25.3	32.0	1249.2	998.3
Dec 4, 3:00 PM	1374.7	5.2	21.4	30.1	1356.5	989.2
Dec 4, 4:00 PM	1360.4	4.9	14.9	27.3	1279.1	978.1
Dec 4, 5:00 PM	1324.0	4.2	18.5	25.2	1131.2	967.2
Dec 4, 6:00 PM	1323.2	4.4	21.8	27.7	1218.5	970.9
Dec 4, 7:00 PM	1392.4	4.9	18.7	26.7	1265.5	973.2
Dec 4, 8:00 PM	1352.7	5.2	17.4	24.2	1393.4	970.7
Dec 4, 9:00 PM	1283.1	3.4	13.2	23.2	960.1	953.6
Dec 4, 10:00 PM	651.1	1.7	11.9	17.5	910.0	919.4
Dec 4, 11:00 PM	703.1	3.3	11.8	15.3	1729.2	915.3
Dec 5, 12:00 AM	755.1	1.9	12.7	18.6	1002.9	902.0
Dec 5, 1:00 AM	737.1	2.0	12.4	20.3	960.2	902.3
Dec 5, 2:00 AM	917.7	1.4	5.6	12.8	564.0	890.1
Dec 5, 3:00 AM	1100.1	1.1	3.8	7.6	371.0	886.3
Dec 5, 4:00 AM	1197.5	3.2	12.2	16.3	973.8	900.0
Dec 5, 5:00 AM	1286.8	3.0	12.2	14.8	823.9	898.7
Dec 5, 6:00 AM	1262.0	2.8	11.4	14.2	805.6	898.1

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 5, 7:00 AM	1063.8	2.6	10.2	17.0	891.7	896.8
Dec 5, 8:00 AM	1123.1	3.7	15.7	19.7	1204.6	905.2
Dec 5, 9:00 AM	1130.5	4.1	16.4	22.1	1323.4	925.6
Dec 5, 10:00 AM	1212.9	8.8	14.2	14.9	2707.7	942.0
Dec 5, 11:00 AM	1181.9	8.9	12.2	12.2	2829.9	935.0
Dec 5, 12:00 PM	1232.6	6.9	12.4	12.0	2023.0	930.7
Dec 5, 1:00 PM	1679.3	3.2	11.5	14.4	590.4	910.5
Dec 5, 2:00 PM	800.2	1.2	5.2	11.4	526.0	895.0
Dec 5, 3:00 PM	582.8	0.7	6.7	9.9	441.8	899.3
Dec 5, 4:00 PM	756.6	1.5	9.5	12.9	687.5	899.9
Dec 5, 5:00 PM	603.1	0.9	8.8	9.9	562.7	891.6
Dec 5, 6:00 PM	1421.3	2.6	6.8	9.2	530.3	894.1
Dec 5, 7:00 PM	916.8	1.9	5.4	12.8	774.7	899.1
Dec 5, 8:00 PM	1613.5	3.7	10.0	14.4	796.3	907.7
Dec 5, 9:00 PM	1387.1	3.0	9.6	15.0	792.3	904.0
Dec 5, 10:00 PM	1461.9	3.4	11.1	15.2	830.6	903.9
Dec 5, 11:00 PM	1406.6	3.3	8.8	15.4	847.6	909.9
Dec 6, 12:00 AM	1442.5	5.0	14.2	20.1	1259.9	927.2
Dec 6, 1:00 AM	1189.5	4.8	15.4	22.6	1444.0	939.0
Dec 6, 2:00 AM	1240.7	5.1	15.8	21.7	1429.6	945.8
Dec 6, 3:00 AM	1250.8	4.8	13.4	21.9	1380.2	937.7
Dec 6, 4:00 AM	1327.3	5.0	14.6	19.8	1356.3	937.1
Dec 6, 5:00 AM	1578.0	5.3	12.2	18.2	1247.2	934.5
Dec 6, 6:00 AM	1465.3	4.9	16.1	18.5	1213.2	930.7
Dec 6, 7:00 AM	1472.8	5.1	14.5	18.5	1246.3	932.8
Dec 6, 8:00 AM	1504.1	5.9	12.9	18.7	1437.7	941.3
Dec 6, 9:00 AM	1434.5	4.2	8.5	16.6	1063.2	928.1
Dec 6, 10:00 AM	1374.3	4.3	12.9	18.3	1122.5	929.9

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 6, 11:00 AM	1412.1	7.4	18.9	19.9	1914.2	934.5
Dec 6, 12:00 PM	1334.6	11.6	16.3	23.3	3224.4	950.0
Dec 6, 1:00 PM	905.0	3.8	22.6	27.5	1863.1	940.2
Dec 6, 2:00 PM	904.4	4.3	22.7	31.4	1698.7	948.6
Dec 6, 3:00 PM	905.6	4.3	24.0	30.4	1718.4	947.3
Dec 6, 4:00 PM	858.8	4.3	21.3	30.9	1767.5	945.1
Dec 6, 5:00 PM	890.7	3.5	18.7	28.8	1595.9	944.1
Dec 6, 6:00 PM	939.8	3.5	15.6	26.5	1340.3	938.0
Dec 6, 7:00 PM	1032.7	3.5	16.5	24.7	1277.0	927.5
Dec 6, 8:00 PM	1404.7	5.2	12.2	20.2	1331.8	909.7
Dec 6, 9:00 PM	1466.5	4.7	14.1	17.2	1148.9	901.7
Dec 6, 10:00 PM	1451.9	3.3	9.5	13.9	831.7	901.3
Dec 6, 11:00 PM	1392.7	4.6	10.4	13.7	1215.1	910.9
Dec 7, 12:00 AM	1442.3	11.7	12.6	15.6	2500.8	936.8
Dec 7, 1:00 AM	1024.3	10.7	14.8	16.3	4034.9	955.3
Dec 7, 2:00 AM	706.7	6.4	12.9	14.4	3399.8	948.7
Dec 7, 3:00 AM	1006.9	5.7	14.4	15.4	2184.6	935.6
Dec 7, 4:00 AM	1431.5	11.6	15.7	19.4	3002.3	965.6
Dec 7, 5:00 AM	1533.6	14.9	18.6	18.7	3603.0	976.6
Dec 7, 6:00 AM	1522.1	6.0	15.2	23.6	1420.0	962.6
Dec 7, 7:00 AM	1582.4	7.8	19.9	27.2	1779.2	988.5
Dec 7, 8:00 AM	1574.6	28.4	15.6	23.2	6768.1	1033.5
Dec 7, 9:00 AM	1512.6	17.2	21.3	25.4	4218.5	994.8
Dec 7, 10:00 AM	1477.2	22.0	22.8	25.3	5534.2	1003.2
Dec 7, 11:00 AM	1469.7	21.2	20.3	25.9	5370.1	1001.8
Dec 7, 12:00 PM	1481.7	30.9	23.9	25.7	7799.2	1019.1
Dec 7, 1:00 PM	1636.8	36.5	26.8	31.0	6495.5	1028.1
Dec 7, 2:00 PM	1378.9	22.7	29.5	33.7	6048.8	1030.2



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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 7, 3:00 PM	1181.9	15.3	26.1	36.2	5040.9	1029.0
Dec 7, 4:00 PM	803.4	4.9	23.9	36.4	2189.3	994.0
Dec 7, 5:00 PM	761.7	3.1	19.2	31.9	1456.6	981.0
Dec 7, 6:00 PM	816.3	3.3	19.2	32.6	1447.1	983.9
Dec 7, 7:00 PM	1060.2	5.2	24.4	34.6	1737.8	1001.9
Dec 7, 8:00 PM	1188.8	11.6	25.2	38.8	3392.2	1021.7
Dec 7, 9:00 PM	1545.5	20.5	24.4	38.1	4947.4	1029.8
Dec 7, 10:00 PM	1623.3	32.7	23.1	35.7	7508.6	1049.3
Dec 7, 11:00 PM	1555.0	27.5	30.7	36.0	6571.3	1031.4
Dec 8, 12:00 AM	1526.1	19.7	26.2	35.6	4771.4	1012.3
Dec 8, 1:00 AM	1505.3	17.0	23.8	34.5	4143.2	1005.9
Dec 8, 2:00 AM	1417.7	7.9	23.7	34.4	2001.1	992.5
Dec 8, 3:00 AM	1279.4	6.1	20.3	33.3	1722.3	996.2
Dec 8, 4:00 AM	1424.1	6.3	18.7	33.3	1592.3	992.5
Dec 8, 5:00 AM	1415.6	5.8	18.0	31.1	1466.4	985.5
Dec 8, 6:00 AM	1516.2	6.0	22.8	30.5	1425.0	983.8
Dec 8, 7:00 AM	1112.4	5.3	19.1	34.2	1710.3	995.2
Dec 8, 8:00 AM	1232.8	6.1	21.8	33.3	1777.6	995.0
Dec 8, 9:00 AM	1349.5	5.9	20.7	31.1	1575.4	992.0
Dec 8, 10:00 AM	1567.6	7.2	21.3	32.1	1652.8	991.6
Dec 8, 11:00 AM	1546.0	7.0	21.1	31.8	1629.6	985.4
Dec 8, 12:00 PM	1478.7	5.8	17.0	27.6	1399.6	960.0
Dec 8, 1:00 PM	1440.8	9.8	19.0	27.5	2495.4	965.5
Dec 8, 2:00 PM	998.5	12.2	18.2	26.0	3781.4	955.4
Dec 8, 3:00 PM	515.6	0.8	9.5	12.1	534.9	880.8
Dec 8, 4:00 PM	1800.2	47.9	26.3	32.6	9551.8	1113.1
Dec 8, 5:00 PM	1654.3	19.3	20.4	33.7	4166.9	1264.4
Dec 8, 6:00 PM	476.5	1.7	9.6	19.2	1081.4	1050.1

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 8, 7:00 PM	580.0	0.8	10.1	13.7	506.5	911.4
Dec 8, 8:00 PM	693.1	1.3	9.5	19.2	643.3	914.9
Dec 8, 9:00 PM	660.6	1.3	11.6	16.7	665.0	907.2
Dec 8, 10:00 PM	1089.3	1.8	6.9	13.4	574.5	899.9
Dec 8, 11:00 PM	1431.2	2.8	11.8	16.3	801.4	923.4
Dec 9, 12:00 AM	1439.0	3.8	10.7	18.0	942.2	928.6
Dec 9, 1:00 AM	1361.4	3.1	11.2	17.7	817.3	919.3
Dec 9, 2:00 AM	1142.4	2.6	7.5	18.2	815.0	915.0
Dec 9, 3:00 AM	1194.5	2.8	11.6	17.1	822.4	913.7
Dec 9, 4:00 AM	1166.8	3.0	11.2	18.2	938.2	920.0
Dec 9, 5:00 AM	1156.6	2.5	10.0	15.9	766.5	907.5
Dec 9, 6:00 AM	1048.2	2.5	6.7	19.2	847.6	910.2
Dec 9, 7:00 AM	1121.3	2.7	11.4	18.1	873.6	913.1
Dec 9, 8:00 AM	1101.9	2.3	7.3	16.1	745.1	901.5
Dec 9, 9:00 AM	977.5	1.7	9.2	15.2	595.4	898.9
Dec 9, 10:00 AM	991.3	2.0	13.6	16.3	712.0	908.7
Dec 9, 11:00 AM	954.4	2.1	9.1	18.1	726.0	908.7
Dec 9, 12:00 PM	659.7	1.0	7.6	12.4	519.6	879.5
Dec 9, 1:00 PM	905.9	2.4	10.9	17.2	718.9	896.0
Dec 9, 2:00 PM	1878.8	26.4	45.7	52.9	6758.8	1258.3
Dec 9, 3:00 PM	-1341.9	6.7	12.7	10.8	2127.5	937.2
Dec 9, 4:00 PM	438.2	0.5	7.8	4.3	407.1	858.2
Dec 9, 5:00 PM	419.6	0.3	5.8	5.6	246.8	850.8
Dec 9, 6:00 PM	433.9	0.3	3.4	5.3	232.1	850.5
Dec 9, 7:00 PM	553.6	0.5	4.0	5.2	284.7	852.4
Dec 9, 8:00 PM	1146.2	1.7	6.0	9.5	521.8	876.5
Dec 9, 9:00 PM	1282.4	1.5	6.4	8.6	430.6	875.6
Dec 9, 10:00 PM	1257.0	1.5	6.8	8.6	412.3	874.3

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 9, 11:00 PM	1227.0	1.3	4.5	7.0	387.8	868.5
Dec 10, 12:00 AM	866.5	1.0	7.2	8.4	389.4	875.4
Dec 10, 1:00 AM	1023.6	1.0	5.3	6.8	347.2	875.1
Dec 10, 2:00 AM	949.4	1.0	5.2	6.4	370.6	875.1
Dec 10, 3:00 AM	948.9	0.9	3.0	7.4	347.8	872.0
Dec 10, 4:00 AM	797.7	0.8	6.0	7.0	362.9	869.5
Dec 10, 5:00 AM	910.4	0.7	8.7	5.8	292.9	870.0
Dec 10, 6:00 AM	924.2	0.9	4.3	7.0	347.3	867.9
Dec 10, 7:00 AM	992.1	1.7	6.7	12.6	636.5	890.8
Dec 10, 8:00 AM	708.3	1.7	10.0	16.2	624.4	894.0
Dec 10, 9:00 AM	599.6	0.4	5.9	6.9	256.2	853.4
Dec 10, 10:00 AM	732.7	0.9	7.4	8.8	451.8	876.5
Dec 10, 11:00 AM	944.6	1.1	8.1	8.9	396.5	870.0
Dec 10, 12:00 PM	929.0	0.8	7.8	8.2	289.4	859.7
Dec 10, 1:00 PM	1043.3	0.5	7.3	4.6	175.1	845.0
Dec 10, 2:00 PM	1309.8	0.7	1.7	4.3	167.8	841.1
Dec 10, 3:00 PM	967.4	0.5	6.8	5.5	158.5	841.9
Dec 10, 4:00 PM	949.9	0.4	5.1	4.3	129.6	851.6
Dec 10, 5:00 PM	969.7	0.3	3.0	3.2	122.4	853.8
Dec 10, 6:00 PM	891.6	0.5	4.2	7.8	251.3	859.8
Dec 10, 7:00 PM	732.4	0.9	5.7	10.8	425.7	872.8
Dec 10, 8:00 PM	1088.9	2.5	10.8	17.1	822.7	905.8
Dec 10, 9:00 PM	998.4	2.5	10.3	20.9	891.4	906.6
Dec 10, 10:00 PM	1165.9	3.0	13.0	18.7	901.2	900.4
Dec 10, 11:00 PM	24527.5	1288.7	12.2	15.8	7311.3	1000.3
Dec 11, 12:00 AM	16779.8	653.1	19.3	23.1	12558.4	1227.7
Dec 11, 1:00 AM	7657.2	438.8	25.7	30.1	20738.7	1263.7
Dec 11, 2:00 AM	5487.7	55.6	28.7	40.1	3728.8	1138.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 11, 3:00 AM	5570.7	40.9	15.1	19.8	2655.7	1129.1
Dec 11, 4:00 AM	12202.2	105.8	13.2	14.0	3458.0	823.1
Dec 11, 5:00 AM	9336.7	59.2	9.6	10.2	2296.3	742.9
Dec 11, 6:00 AM	9172.4	40.7	15.7	13.3	2020.0	894.8
Dec 11, 7:00 AM	8920.0	39.8	4.4	12.5	1656.7	799.7
Dec 11, 8:00 AM	8676.3	23.8	5.8	11.8	1322.3	722.9
Dec 11, 9:00 AM	8647.9	27.7	9.5	11.3	1107.4	671.0
Dec 11, 10:00 AM	7104.2	19.3	10.2	13.9	969.9	666.3
Dec 11, 11:00 AM	8427.7	20.0	11.8	14.2	856.4	604.2
Dec 11, 12:00 PM	9080.4	18.6	6.7	10.9	742.7	503.8
Dec 11, 1:00 PM	8821.5	18.2	11.3	9.6	747.9	535.4
Dec 11, 2:00 PM	5911.8	13.3	7.0	13.6	817.4	590.5
Dec 11, 3:00 PM	6408.4	12.0	6.7	14.0	677.7	509.9
Dec 11, 4:00 PM	8566.2	16.3	8.1	11.9	672.7	499.0
Dec 11, 5:00 PM	8842.9	72.4	8.0	9.3	3119.1	363.2
Dec 11, 6:00 PM	8918.7	72.9	9.0	10.1	3052.2	487.7
Dec 11, 7:00 PM	8012.3	63.8	10.3	8.8	2963.2	529.3
Dec 11, 8:00 PM	4623.1	23.5	11.8	13.5	2077.3	794.9
Dec 11, 9:00 PM	7734.7	36.3	12.3	13.5	1779.3	844.2
Dec 11, 10:00 PM	11750.7	41.8	9.1	7.5	1316.2	400.9
Dec 11, 11:00 PM	9711.2	31.8	7.8	9.9	1210.7	468.9
Dec 12, 12:00 AM	4566.0	14.6	10.7	12.4	1175.3	862.1
Dec 12, 1:00 AM	7241.3	26.0	11.4	14.7	1399.6	875.0
Dec 12, 2:00 AM	11872.3	24.4	7.7	8.7	745.0	396.1
Dec 12, 3:00 AM	9926.3	21.3	8.8	8.4	790.4	488.2
Dec 12, 4:00 AM	5311.6	10.3	7.2	11.9	698.3	862.9
Dec 12, 5:00 AM	4929.6	9.2	4.9	15.0	669.0	1001.5
Dec 12, 6:00 AM	8656.4	11.1	8.8	11.9	480.9	710.3

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 12, 7:00 AM	9245.0	8.4	4.6	9.5	319.4	495.2
Dec 12, 8:00 AM	8904.9	8.3	9.5	10.7	322.8	566.4
Dec 12, 9:00 AM	9602.7	7.5	7.3	10.2	268.9	516.7
Dec 12, 10:00 AM	8821.1	8.5	7.2	10.1	325.6	649.5
Dec 12, 11:00 AM	8685.5	6.7	6.4	10.2	264.6	633.3
Dec 12, 12:00 PM	8898.0	5.6	10.1	9.5	207.2	595.0
Dec 12, 1:00 PM	8739.7	5.8	12.2	11.4	214.9	534.2
Dec 12, 2:00 PM	8664.0	5.4	8.4	12.6	199.9	544.9
Dec 12, 3:00 PM	8523.5	5.1	11.9	13.9	184.7	545.3
Dec 12, 4:00 PM	9051.3	5.2	12.1	13.4	177.2	513.5
Dec 12, 5:00 PM	8221.8	4.8	11.3	12.9	186.1	543.4
Dec 12, 6:00 PM	8105.5	4.7	10.0	13.6	181.2	588.8
Dec 12, 7:00 PM	8858.8	4.3	8.9	13.2	147.7	501.1
Dec 12, 8:00 PM	8003.9	3.6	8.0	12.4	138.3	493.5
Dec 12, 9:00 PM	8200.5	3.6	8.6	10.7	137.5	525.7
Dec 12, 10:00 PM	8346.8	3.4	9.5	8.5	128.3	480.5
Dec 12, 11:00 PM	7852.0	2.4	9.1	9.3	89.5	524.7
Dec 13, 12:00 AM	7924.6	2.7	10.2	8.7	98.9	590.9
Dec 13, 1:00 AM	8440.1	2.5	11.0	9.5	83.6	558.1
Dec 13, 2:00 AM	8389.8	2.4	5.9	8.4	86.2	550.4
Dec 13, 3:00 AM	8860.7	2.6	9.3	7.8	84.1	535.0
Dec 13, 4:00 AM	8868.8	2.6	6.4	8.6	88.0	496.3
Dec 13, 5:00 AM	8813.7	2.4	9.6	5.7	81.9	512.5
Dec 13, 6:00 AM	8774.8	2.1	9.3	7.5	64.0	505.1
Dec 13, 7:00 AM	8423.3	2.3	6.3	7.1	76.9	539.8
Dec 13, 8:00 AM	8999.6	2.0	7.9	6.2	62.3	537.8
Dec 13, 9:00 AM	9520.9	2.1	6.0	7.6	63.2	541.1
Dec 13, 10:00 AM	8688.9	1.9	4.5	8.2	60.7	567.1

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 13, 11:00 AM	8994.6	1.7	6.6	8.6	49.1	551.4
Dec 13, 12:00 PM	9762.1	1.9	6.4	8.7	48.7	520.2
Dec 13, 1:00 PM	12166.8	2.1	8.3	7.6	42.6	377.7
Dec 13, 2:00 PM	8798.4	2.1	4.9	8.4	53.1	466.5
Dec 13, 3:00 PM	7394.5	2.1	7.6	12.5	73.1	648.5
Dec 13, 4:00 PM	5525.6	1.6	12.0	14.0	74.4	850.2
Dec 13, 5:00 PM	4794.2	1.5	11.5	14.3	75.3	982.6
Dec 13, 6:00 PM	4831.8	1.5	11.7	14.7	74.6	1040.9
Dec 13, 7:00 PM	4860.5	1.5	10.4	15.5	73.5	1039.3
Dec 13, 8:00 PM	4983.4	1.5	11.2	14.8	71.0	1049.4
Dec 13, 9:00 PM	4957.0	1.5	13.1	14.5	68.7	1048.9
Dec 13, 10:00 PM	5060.3	1.4	11.9	14.1	62.2	1044.9
Dec 13, 11:00 PM	4956.5	1.5	11.6	14.1	70.9	1045.2
Dec 14, 12:00 AM	5013.9	1.5	11.7	13.4	73.8	1047.3
Dec 14, 1:00 AM	4961.2	1.3	11.2	13.9	63.1	1048.5
Dec 14, 2:00 AM	4965.1	1.5	12.1	13.6	75.6	1047.3
Dec 14, 3:00 AM	4957.0	1.4	10.3	14.0	66.8	1047.4
Dec 14, 4:00 AM	5004.7	1.4	10.6	13.9	67.6	1042.3
Dec 14, 5:00 AM	4964.5	1.4	9.8	12.8	72.1	1040.9
Dec 14, 6:00 AM	4959.7	1.3	15.3	13.1	61.2	1039.5
Dec 14, 7:00 AM	5145.3	1.5	12.8	13.4	67.7	1041.6
Dec 14, 8:00 AM	5328.1	2.2	11.6	14.1	115.3	1059.9
Dec 14, 9:00 AM	5269.8	1.7	11.6	13.7	84.1	1050.2
Dec 14, 10:00 AM	5160.7	1.6	8.3	14.8	75.7	1054.3
Dec 14, 11:00 AM	5280.8	1.8	13.0	17.1	81.4	1031.3
Dec 14, 12:00 PM	5161.9	1.9	16.0	19.0	86.0	1024.1
Dec 14, 1:00 PM	7324.3	2.8	16.7	19.8	87.9	1066.6
Dec 14, 2:00 PM	15944.0	3.9	8.0	14.1	54.1	1127.0

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 14, 3:00 PM	21695.1	3.7	8.1	9.4	37.3	1168.4
Dec 14, 4:00 PM	24126.2	3.3	5.1	7.4	31.3	1173.4
Dec 14, 5:00 PM	25639.7	2.7	3.8	5.8	26.2	1175.6
Dec 14, 6:00 PM	24497.9	2.9	4.0	5.5	29.8	1149.6
Dec 14, 7:00 PM	26072.9	3.0	5.3	4.9	29.3	1118.2
Dec 14, 8:00 PM	25019.8	2.7	3.2	4.6	29.7	1124.7
Dec 14, 9:00 PM	26706.0	2.2	1.7	4.5	22.7	1140.6
Dec 14, 10:00 PM	26514.7	2.8	5.3	5.0	25.8	1152.0
Dec 14, 11:00 PM	26490.1	2.5	2.6	4.1	27.0	1158.2
Dec 15, 12:00 AM	26555.4	3.0	4.3	5.0	29.5	1164.3
Dec 15, 1:00 AM	26205.7	5.2	1.9	4.5	65.5	1168.1
Dec 15, 2:00 AM	21650.4	9.8	5.0	5.8	158.6	1165.7
Dec 15, 3:00 AM	10424.3	2.9	4.9	9.0	87.2	1125.0
Dec 15, 4:00 AM	17392.8	3.9	5.2	9.0	58.4	1148.9
Dec 15, 5:00 AM	22859.3	6.6	3.2	5.5	96.8	1168.3
Dec 15, 6:00 AM	22683.0	7.4	4.9	6.0	107.5	1168.4
Dec 15, 7:00 AM	25632.3	7.5	3.9	5.9	95.8	1173.2
Dec 15, 8:00 AM	25010.0	6.7	2.8	5.3	90.3	1172.2
Dec 15, 9:00 AM	24572.7	6.8	3.8	5.0	93.9	1172.1
Dec 15, 10:00 AM	29122.0	7.5	5.8	3.5	87.3	1179.9
Dec 15, 11:00 AM	26039.4	10.6	4.5	4.3	146.0	1165.5
Dec 15, 12:00 PM	24522.1	14.2	5.6	6.2	200.2	1174.1
Dec 15, 1:00 PM	25792.3	17.3	4.4	5.7	241.0	1179.8
Dec 15, 2:00 PM	28836.1	15.8	4.6	6.1	200.6	1183.1
Dec 15, 3:00 PM	23711.6	23.4	7.5	7.8	354.6	1183.3
Dec 15, 4:00 PM	24102.3	22.2	3.9	7.5	329.2	1181.6
Dec 15, 5:00 PM	24185.4	25.8	8.4	6.3	381.6	1179.3
Dec 15, 6:00 PM	24132.1	28.4	4.3	6.6	426.4	1180.8

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 15, 7:00 PM	23540.3	30.6	5.5	6.5	472.6	1180.8
Dec 15, 8:00 PM	23359.3	36.0	7.2	7.5	560.7	1180.4
Dec 15, 9:00 PM	21090.4	30.9	5.7	6.3	530.3	1176.5
Dec 15, 10:00 PM	21090.4	23.8	5.1	6.6	408.9	1177.1
Dec 15, 11:00 PM	21761.1	24.0	5.0	5.9	400.8	1179.8
Dec 16, 12:00 AM	18594.1	34.6	5.8	9.8	679.9	1174.6
Dec 16, 1:00 AM	17159.9	44.4	5.5	7.6	946.7	1172.7
Dec 16, 2:00 AM	14244.2	21.5	5.2	8.3	547.0	1160.6
Dec 16, 3:00 AM	15686.8	28.3	5.0	7.7	658.4	1166.0
Dec 16, 4:00 AM	16538.2	42.6	6.3	7.3	951.4	1168.7
Dec 16, 5:00 AM	16288.3	56.5	4.5	6.5	1292.9	1168.4
Dec 16, 6:00 AM	15993.3	72.3	4.4	6.7	1688.3	1167.4
Dec 16, 7:00 AM	15427.6	81.8	6.7	6.5	1979.4	1166.8
Dec 16, 8:00 AM	14671.7	87.7	4.9	9.1	2235.8	1168.3
Dec 16, 9:00 AM	13984.2	110.7	5.8	8.7	2966.8	1168.2
Dec 16, 10:00 AM	13825.2	151.2	6.6	9.4	4098.0	1167.8
Dec 16, 11:00 AM	13811.9	180.8	9.0	9.8	4914.1	1168.2
Dec 16, 12:00 PM	13625.5	185.9	8.7	9.6	5122.1	1173.2
Dec 16, 1:00 PM	13800.6	152.0	8.1	10.3	4127.3	1176.1
Dec 16, 2:00 PM	14118.1	109.0	8.6	10.9	2878.9	1176.9
Dec 16, 3:00 PM	14589.8	124.6	9.6	11.0	3186.3	1178.0
Dec 16, 4:00 PM	14346.6	150.1	9.9	10.7	3913.8	1183.6
Dec 16, 5:00 PM	14608.2	153.4	10.6	12.9	3928.3	1188.4
Dec 16, 6:00 PM	15486.4	182.5	10.3	15.1	4407.1	1202.8
Dec 16, 7:00 PM	12679.9	201.2	16.7	16.5	5935.4	1249.0
Dec 16, 8:00 PM	13428.8	188.9	43.1	45.2	5133.1	1409.0
Dec 16, 9:00 PM	13145.9	33.9	69.7	62.0	776.7	1568.4
Dec 16, 10:00 PM	13033.8	21.8	55.7	58.1	454.3	1562.3



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 16, 11:00 PM	12040.3	15.8	41.6	35.1	373.4	1590.6
Dec 17, 12:00 AM	12273.0	16.5	40.6	24.2	416.9	1530.0
Dec 17, 1:00 AM	12488.6	70.6	38.3	25.2	2040.7	1490.9
Dec 17, 2:00 AM	12700.0	265.6	48.9	33.9	7762.7	1560.7
Dec 17, 3:00 AM	13067.1	402.1	48.6	41.0	11478.6	1541.0
Dec 17, 4:00 AM	13264.8	374.6	47.7	45.0	10500.2	1550.4
Dec 17, 5:00 AM	13475.2	221.3	48.8	51.9	6052.0	1652.9
Dec 17, 6:00 AM	13267.4	103.9	43.5	51.3	2808.9	1694.2
Dec 17, 7:00 AM	13334.4	50.6	43.6	50.4	1282.0	1716.0
Dec 17, 8:00 AM	9029.5	38.6	54.2	54.2	1607.9	1699.0
Dec 17, 9:00 AM	6802.2	87.2	71.5	59.4	4676.0	1734.3
Dec 17, 10:00 AM	6311.9	128.8	70.2	62.7	7511.5	1720.4
Dec 17, 11:00 AM	6537.7	253.7	73.6	67.2	14451.5	1732.7
Dec 17, 12:00 PM	6427.7	333.3	65.6	63.9	19293.6	1648.9
Dec 17, 1:00 PM	6953.2	381.2	74.1	73.4	20669.0	1715.3
Dec 17, 2:00 PM	6485.8	292.1	71.7	62.1	16800.5	1657.7
Dec 17, 3:00 PM	7284.6	312.8	85.3	69.0	16007.1	1720.2
Dec 17, 4:00 PM	6437.9	262.2	71.5	67.8	15236.7	1702.9
Dec 17, 5:00 PM	6541.9	160.8	59.9	59.2	9038.2	1626.8
Dec 17, 6:00 PM	5736.1	38.4	49.0	43.8	2371.1	1463.3
Dec 17, 7:00 PM	5837.2	28.6	52.8	41.2	1708.6	1468.2
Dec 17, 8:00 PM	5976.1	24.6	57.9	40.3	1412.0	1515.7
Dec 17, 9:00 PM	6522.4	28.6	58.1	48.8	1489.4	1681.6
Dec 17, 10:00 PM	5544.9	15.5	25.1	32.7	967.0	1598.1
Dec 17, 11:00 PM	4923.3	15.4	23.8	23.6	1114.1	1339.0
Dec 18, 12:00 AM	5045.4	16.0	19.9	19.7	1145.4	1243.4
Dec 18, 1:00 AM	4995.2	14.0	13.2	17.5	1009.1	1212.8
Dec 18, 2:00 AM	4974.4	15.8	11.4	15.5	1158.8	1195.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 18, 3:00 AM	4970.5	15.9	9.7	15.2	1166.4	1190.2
Dec 18, 4:00 AM	1341.8	9.0	21.1	32.7	2464.9	1174.9
Dec 18, 5:00 AM	2177.3	19.5	25.1	38.4	3270.6	1156.9
Dec 18, 6:00 AM	2263.7	20.8	27.5	39.3	3355.7	1149.0
Dec 18, 7:00 AM	2224.5	19.3	25.0	38.2	3178.6	1140.1
Dec 18, 8:00 AM	2214.2	19.2	22.1	37.4	3132.6	1142.5
Dec 18, 9:00 AM	2273.4	20.4	27.3	37.0	3215.2	1144.4
Dec 18, 10:00 AM	2280.5					
Dec 18, 11:00 AM	2324.4					
Dec 18, 12:00 PM	2226.2					
Dec 18, 1:00 PM	2344.4					
Dec 18, 2:00 PM	2325.4	22.6	21.7	35.1	3571.4	1112.3
Dec 18, 3:00 PM	2292.2	22.2	23.4	35.1	3567.9	1122.8
Dec 18, 4:00 PM	2347.3	23.2	17.3	35.4	3642.4	1123.8
Dec 18, 5:00 PM	2452.0	23.5	24.8	36.2	3519.3	1132.6
Dec 18, 6:00 PM	2712.9	26.6	34.4	40.2	3578.3	1228.5
Dec 18, 7:00 PM	2672.5	23.0	45.0	45.6	3109.5	1285.4
Dec 18, 8:00 PM	2707.4	21.3	47.1	50.7	2827.4	1288.8
Dec 18, 9:00 PM	2708.8	21.5	49.8	50.9	2834.3	1291.4
Dec 18, 10:00 PM	2818.5	21.5	45.3	50.4	2730.8	1287.6
Dec 18, 11:00 PM	2915.4	21.3	66.3	56.4	2576.7	1386.6
Dec 19, 12:00 AM	2813.8	19.9	69.9	54.7	2491.2	1403.2
Dec 19, 1:00 AM	2868.1	19.6	73.7	53.5	2404.3	1396.0
Dec 19, 2:00 AM	2861.0	19.4	73.2	53.1	2384.3	1387.0
Dec 19, 3:00 AM	2803.9	19.4	75.2	53.4	2423.9	1386.4
Dec 19, 4:00 AM	2725.0	19.6	75.0	52.4	2537.0	1375.9
Dec 19, 5:00 AM	2702.4	20.2	72.8	53.0	2638.2	1375.2
Dec 19, 6:00 AM	2734.7	20.8	78.5	51.5	2688.6	1389.6

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 19, 7:00 AM	2771.6	20.6	76.5	49.5	2635.1	1394.6
Dec 19, 8:00 AM	2636.8	18.7	72.5	52.6	2509.1	1386.7
Dec 19, 9:00 AM	2799.6	19.3	71.5	51.5	2435.7	1388.7
Dec 19, 10:00 AM	2669.9	18.5	72.4	50.2	2447.2	1382.6
Dec 19, 11:00 AM	2817.6	21.5	77.0	51.4	2701.7	1408.3
Dec 19, 12:00 PM	2714.3	21.2	73.7	50.2	2773.3	1416.5
Dec 19, 1:00 PM	3414.3	26.8	75.8	51.2	2793.1	1405.6
Dec 19, 2:00 PM	7255.9	21.3	35.1	27.4	1116.9	1289.5
Dec 19, 3:00 PM	9825.8	17.8	14.7	14.1	635.0	1221.6
Dec 19, 4:00 PM	9802.2	50.1	26.0	31.1	1886.6	1235.7
Dec 19, 5:00 PM	11096.9	49.0	17.3	15.4	1556.0	1229.9
Dec 19, 6:00 PM	9806.4	20.5	13.5	14.3	767.0	1228.9
Dec 19, 7:00 PM	9978.4	23.6	22.0	26.2	820.3	1235.0
Dec 19, 8:00 PM	10540.6	21.4	21.3	22.3	709.2	1229.4
Dec 19, 9:00 PM	8339.6	36.2	20.1	14.3	1583.4	1232.2
Dec 19, 10:00 PM	8797.7	101.2	18.0	15.0	4345.7	1238.7
Dec 19, 11:00 PM	8018.2	104.6	20.7	14.7	4844.4	1230.8
Dec 20, 12:00 AM	8081.5	166.8	20.6	14.5	7740.6	1230.4
Dec 20, 1:00 AM	7863.1	166.2	22.6	14.5	7927.2	1229.9
Dec 20, 2:00 AM	8376.0	177.8	22.1	13.5	7972.1	1225.4
Dec 20, 3:00 AM	6457.6	202.0	26.2	16.8	11988.2	1224.2
Dec 20, 4:00 AM	4043.6	212.7	39.6	25.3	20039.2	1224.9
Dec 20, 5:00 AM	3720.6	243.3	50.0	31.9	24454.4	1221.2
Dec 20, 6:00 AM	2822.9	167.4	63.9	43.2	22233.3	1226.5
Dec 20, 7:00 AM	2817.5	126.2	66.7	44.7	16702.8	1217.4
Dec 20, 8:00 AM	2584.0	43.3	61.5	51.4	6146.0	1202.2
Dec 20, 9:00 AM	3108.3	27.5	46.4	38.0	3319.9	1202.9
Dec 20, 10:00 AM	2392.5	29.1	59.7	39.4	4492.2	1225.2

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 20, 11:00 AM	2354.8	26.7	63.8	38.2	4127.4	1212.5
Dec 20, 12:00 PM	2336.6	25.8	57.3	39.8	4033.8	1181.7
Dec 20, 1:00 PM	2368.6	29.5	54.0	42.4	4557.2	1179.7
Dec 20, 2:00 PM	2434.5	29.6	51.4	42.4	4456.0	1181.3
Dec 20, 3:00 PM	2398.2	28.2	51.1	40.9	4303.0	1183.2
Dec 20, 4:00 PM	2429.7	27.4	50.2	41.7	4119.2	1179.5
Dec 20, 5:00 PM	2479.8	27.8	50.3	46.3	4090.3	1182.4
Dec 20, 6:00 PM	2399.7	27.0	51.5	47.0	4097.5	1190.7
Dec 20, 7:00 PM	2432.4	27.2	51.7	46.3	4081.5	1185.9
Dec 20, 8:00 PM	2455.2	27.9	52.4	43.8	4146.4	1185.1
Dec 20, 9:00 PM	2382.6	26.7	49.5	43.9	4093.2	1192.0
Dec 20, 10:00 PM	2367.9	26.8	45.2	41.1	4145.6	1190.5
Dec 20, 11:00 PM	2449.0	27.4	47.0	39.8	4101.3	1184.7
Dec 21, 12:00 AM	2329.4	25.7	46.4	39.2	4029.3	1178.9
Dec 21, 1:00 AM	1791.9	16.8	41.1	32.4	3422.5	1131.3
Dec 21, 2:00 AM	1604.8	11.6	28.8	26.1	2643.4	1069.0
Dec 21, 3:00 AM	1608.9	12.1	31.0	26.3	2751.9	1068.6
Dec 21, 4:00 AM	1657.2	12.8	32.3	26.9	2823.1	1067.4
Dec 21, 5:00 AM	1648.4	13.2	31.9	26.9	2929.0	1075.7
Dec 21, 6:00 AM	1727.1	13.8	32.5	27.2	2930.5	1075.9
Dec 21, 7:00 AM	1780.1	14.7	31.4	27.8	3023.8	1080.2
Dec 21, 8:00 AM	1764.7	13.2	29.7	23.6	2755.4	1065.4
Dec 21, 9:00 AM	1774.2	12.4	29.0	21.1	2568.3	1050.3
Dec 21, 10:00 AM	1753.7	12.6	30.7	23.6	2640.2	1054.5
Dec 21, 11:00 AM	1885.2	15.4	33.1	28.2	2968.5	1079.7
Dec 21, 12:00 PM	1822.8	15.2	40.5	36.8	3033.9	1128.4
Dec 21, 1:00 PM	1898.2	15.2	38.1	41.0	2895.8	1123.1
Dec 21, 2:00 PM	1819.0	11.5	34.5	34.6	2270.7	1084.9

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 21, 3:00 PM	1794.7	11.0	27.2	31.8	2226.9	1039.2
Dec 21, 4:00 PM	1786.3	11.8	26.4	30.6	2414.4	1026.4
Dec 21, 5:00 PM	1911.8	14.6	20.8	28.1	2786.6	1026.3
Dec 21, 6:00 PM	1810.1	18.3	25.3	33.9	3695.4	1065.6
Dec 21, 7:00 PM	2030.7	15.7	21.6	35.5	2835.2	1062.0
Dec 21, 8:00 PM	2114.7	20.1	22.1	34.2	3487.7	1067.9
Dec 21, 9:00 PM	2214.8	20.9	21.5	33.4	3479.6	1057.8
Dec 21, 10:00 PM	2281.9	21.4	22.6	31.3	3459.7	1051.4
Dec 21, 11:00 PM	2228.1	19.9	21.5	28.7	3284.3	1039.9
Dec 22, 12:00 AM	2147.6	18.6	18.6	28.3	3198.9	1026.2
Dec 22, 1:00 AM	2116.4	19.2	21.8	26.6	3354.0	1021.2
Dec 22, 2:00 AM	2079.6	18.0	16.5	24.8	3197.1	1017.3
Dec 22, 3:00 AM	2056.9	18.4	17.3	26.2	3313.1	1015.3
Dec 22, 4:00 AM	2087.3	18.5	17.7	26.6	3267.6	1009.0
Dec 22, 5:00 AM	2060.8	19.8	21.0	27.9	3556.0	1012.6
Dec 22, 6:00 AM	2068.6	20.5	21.3	26.3	3656.7	1013.9
Dec 22, 7:00 AM	2037.9	19.3	16.3	23.9	3511.1	1005.1
Dec 22, 8:00 AM	2059.8	20.4	17.3	24.2	3674.9	1005.2
Dec 22, 9:00 AM	2043.7	20.2	21.6	21.6	3660.6	1004.2
Dec 22, 10:00 AM	1969.8	18.5	18.0	23.4	3482.0	1001.6
Dec 22, 11:00 AM	2114.3	21.5	24.7	27.6	3757.0	1006.7
Dec 22, 12:00 PM	1985.6	20.8	22.3	29.7	3867.6	1018.2
Dec 22, 1:00 PM	1932.9	19.5	18.7	28.5	3738.1	1020.9
Dec 22, 2:00 PM	1949.8	19.0	22.3	29.4	3594.5	1015.9
Dec 22, 3:00 PM	2043.5	21.3	23.4	29.2	3850.1	1026.1
Dec 22, 4:00 PM	2051.5	20.2	22.7	29.0	3637.7	1023.1
Dec 22, 5:00 PM	2047.3	19.8	20.1	28.4	3569.3	1021.4
Dec 22, 6:00 PM	1958.3	18.5	20.6	28.6	3482.6	1015.4

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 22, 7:00 PM	1861.9	15.8	18.2	25.4	3135.2	1015.7
Dec 22, 8:00 PM	1932.1	16.7	20.3	27.0	3181.4	1021.1
Dec 22, 9:00 PM	1851.0	16.6	18.8	25.5	3308.9	1022.5
Dec 22, 10:00 PM	1858.7	15.8	18.2	27.0	3142.6	1018.0
Dec 22, 11:00 PM	1878.1	16.4	15.3	26.6	3221.5	1018.8
Dec 23, 12:00 AM	1867.2	15.6	18.7	26.2	3079.2	1015.1
Dec 23, 1:00 AM	1830.6	15.7	15.9	26.6	3176.2	1016.9
Dec 23, 2:00 AM	1882.6	15.7	16.0	26.7	3073.1	1014.6
Dec 23, 3:00 AM	1832.7	17.7	19.4	27.7	3562.3	1028.0
Dec 23, 4:00 AM	1868.9	16.8	19.9	27.9	3316.4	1027.7
Dec 23, 5:00 AM	1781.0	14.3	18.0	25.3	2972.2	1014.5
Dec 23, 6:00 AM	1841.7	17.4	19.3	28.3	3492.7	1026.9
Dec 23, 7:00 AM	1802.3	16.7	18.7	27.8	3415.0	1028.8
Dec 23, 8:00 AM	1875.2	17.3	19.0	30.2	3402.5	1031.2
Dec 23, 9:00 AM	1746.4	14.9	20.7	29.1	3132.5	1017.7
Dec 23, 10:00 AM	1757.0	15.7	21.6	29.5	3293.3	1021.5
Dec 23, 11:00 AM	1753.1	16.1	18.3	31.1	3376.8	1027.2
Dec 23, 12:00 PM	1752.5	15.9	18.8	29.6	3343.4	1028.4
Dec 23, 1:00 PM	1697.5	15.2	21.1	30.0	3302.4	1025.7
Dec 23, 2:00 PM	1738.6	15.0	19.3	28.6	3169.8	1024.3
Dec 23, 3:00 PM	1808.9	15.9	20.2	28.0	3232.6	1028.8
Dec 23, 4:00 PM	1812.1	16.0	22.3	27.7	3260.6	1031.5
Dec 23, 5:00 PM	1726.9	14.9	18.8	25.7	3194.0	1033.5
Dec 23, 6:00 PM	1705.3	14.7	18.1	27.6	3182.4	1029.8
Dec 23, 7:00 PM	1671.5	14.1	20.1	25.3	3103.5	1024.0
Dec 23, 8:00 PM	1668.4	13.9	17.2	26.0	3063.9	1018.9
Dec 23, 9:00 PM	1661.3	13.2	18.1	25.9	2939.0	1015.4
Dec 23, 10:00 PM	1692.1	14.4	22.1	28.8	3124.1	1022.4

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 23, 11:00 PM	1761.3	15.2	17.0	28.0	3184.4	1027.3
Dec 24, 12:00 AM	1793.8	15.3	17.5	29.2	3138.3	1026.9
Dec 24, 1:00 AM	1796.8	15.3	21.0	27.0	3128.4	1025.2
Dec 24, 2:00 AM	1817.9	15.4	18.2	24.8	3119.9	1023.5
Dec 24, 3:00 AM	1800.1	14.9	15.1	23.8	3070.6	1021.5
Dec 24, 4:00 AM	1816.7	15.0	13.9	24.4	3060.4	1021.2
Dec 24, 5:00 AM	1824.5	15.1	14.1	25.8	3054.7	1022.2
Dec 24, 6:00 AM	1819.5	15.1	15.0	26.4	3073.2	1022.2
Dec 24, 7:00 AM	1813.1	15.1	16.3	26.2	3081.5	1021.4
Dec 24, 8:00 AM	1814.4	14.5	19.8	25.6	2952.4	1016.8
Dec 24, 9:00 AM	1839.9	14.5	15.8	26.8	2904.3	1017.9
Dec 24, 10:00 AM	1869.0	15.5	21.2	26.4	3061.9	1022.0
Dec 24, 11:00 AM	1862.4	15.3	18.7	25.7	3031.8	1024.7
Dec 24, 12:00 PM	1807.2	14.7	14.7	25.4	2994.3	1020.7
Dec 24, 1:00 PM	1866.7	15.5	16.3	25.6	3072.5	1021.2
Dec 24, 2:00 PM	1852.6	15.6	18.3	25.2	3104.2	1026.0
Dec 24, 3:00 PM	1882.4	16.4	20.4	29.0	3207.7	1028.6
Dec 24, 4:00 PM	2039.8	19.4	19.0	33.5	3501.0	1057.2
Dec 24, 5:00 PM	2032.2	19.5	28.4	46.4	3497.9	1086.4
Dec 24, 6:00 PM	2035.3	17.8	26.2	45.2	3188.1	1078.7
Dec 24, 7:00 PM	2082.6	18.0	26.0	39.9	3152.8	1073.3
Dec 24, 8:00 PM	2049.1	17.2	22.9	37.5	3061.6	1064.8
Dec 24, 9:00 PM	1870.5	14.6	21.6	31.9	2862.9	1040.3
Dec 24, 10:00 PM	1836.8	14.4	15.6	29.2	2876.0	1012.1
Dec 24, 11:00 PM	1823.2	14.9	17.5	27.5	3016.9	1008.1
Dec 25, 12:00 AM	1837.4	16.0	17.3	26.7	3225.5	1015.9
Dec 25, 1:00 AM	1844.3	16.0	15.8	26.3	3212.0	1019.0
Dec 25, 2:00 AM	1866.6	15.8	20.9	26.2	3130.6	1016.8

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 25, 3:00 AM	1862.1	15.7	16.8	25.2	3122.7	1014.9
Dec 25, 4:00 AM	1880.5	15.9	16.9	24.5	3126.1	1015.9
Dec 25, 5:00 AM	1848.7	15.4	14.1	24.3	3078.2	1013.8
Dec 25, 6:00 AM	1892.0	16.1	17.6	23.9	3154.1	1015.6
Dec 25, 7:00 AM	1877.3	15.8	15.1	25.1	3106.1	1017.1
Dec 25, 8:00 AM	1837.0	15.3	20.4	24.7	3046.5	1011.7
Dec 25, 9:00 AM	1852.7	15.4	18.5	26.7	3069.5	1010.5
Dec 25, 10:00 AM	1851.7	15.4	16.6	25.0	3075.0	1009.6
Dec 25, 11:00 AM	1873.2	15.5	17.5	25.9	3056.7	1010.0
Dec 25, 12:00 PM	1949.3	16.6	17.7	28.5	3133.7	1014.9
Dec 25, 1:00 PM	1918.5	16.3	19.0	30.0	3131.9	1016.9
Dec 25, 2:00 PM	1964.0	16.4	19.3	27.8	3073.3	1010.9
Dec 25, 3:00 PM	1994.6	17.0	17.8	26.3	3144.8	1009.4
Dec 25, 4:00 PM	1948.6	16.7	15.5	26.4	3162.6	1007.3
Dec 25, 5:00 PM	1904.4	16.0	18.4	26.9	3094.6	1005.3
Dec 25, 6:00 PM	1897.0	15.7	14.7	28.8	3055.5	1001.8
Dec 25, 7:00 PM	1887.8	15.7	16.4	26.9	3065.5	1001.5
Dec 25, 8:00 PM	1901.9	15.5	19.8	26.3	3004.1	1000.7
Dec 25, 9:00 PM	1878.6	15.8	16.4	24.7	3103.0	1004.0
Dec 25, 10:00 PM	1861.4	16.0	19.4	24.6	3170.4	1003.9
Dec 25, 11:00 PM	1879.1	16.2	19.9	24.9	3189.6	1001.8
Dec 26, 12:00 AM	1868.7	16.3	16.6	26.6	3223.6	1003.5
Dec 26, 1:00 AM	1893.7	16.6	18.3	28.6	3227.6	1005.5
Dec 26, 2:00 AM	1867.0	16.2	18.8	29.7	3194.9	1006.1
Dec 26, 3:00 AM	1878.6	16.3	18.1	28.7	3194.5	1005.6
Dec 26, 4:00 AM	1893.0	16.7	21.3	27.4	3248.9	1008.4
Dec 26, 5:00 AM	1880.2	16.6	19.8	28.1	3263.3	1010.6
Dec 26, 6:00 AM	1913.8	16.9	22.0	29.6	3243.5	1014.1



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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 26, 7:00 AM	1944.8	17.5	20.2	31.6	3307.7	1019.3
Dec 26, 8:00 AM	1898.1	18.0	18.1	30.5	3505.8	1018.4
Dec 26, 9:00 AM	1920.6	18.3	19.3	31.0	3509.0	1022.8
Dec 26, 10:00 AM	1929.9	17.1	18.7	28.8	3274.5	1025.7
Dec 26, 11:00 AM	1891.2	17.2	18.4	30.1	3351.8	1029.7
Dec 26, 12:00 PM	1890.5	17.3	18.1	31.0	3371.4	1029.9
Dec 26, 1:00 PM	1882.4	17.6	23.2	29.3	3451.2	1031.1
Dec 26, 2:00 PM	1859.6	17.2	25.1	30.8	3408.4	1028.7
Dec 26, 3:00 PM	1808.9	16.5	19.4	30.8	3363.8	1021.8
Dec 26, 4:00 PM	1781.7	16.1	18.4	30.3	3336.4	1019.3
Dec 26, 5:00 PM	1866.5	16.3	18.6	33.8	3207.3	1017.0
Dec 26, 6:00 PM	1841.6	16.5	19.9	32.7	3303.1	1018.4
Dec 26, 7:00 PM	1858.2	16.9	19.0	32.0	3344.4	1019.4
Dec 26, 8:00 PM	1872.0	16.9	20.4	31.6	3331.5	1019.0
Dec 26, 9:00 PM	1865.0	17.1	18.8	31.2	3377.3	1017.3
Dec 26, 10:00 PM	1866.7	17.2	15.1	31.0	3404.4	1018.5
Dec 26, 11:00 PM	1890.6	17.5	20.7	33.7	3398.0	1020.1
Dec 27, 12:00 AM	1909.9	17.9	20.5	34.3	3456.4	1023.4
Dec 27, 1:00 AM	1860.9	17.3	21.3	34.5	3416.1	1021.2
Dec 27, 2:00 AM	1895.2	17.2	22.8	31.9	3346.6	1013.5
Dec 27, 3:00 AM	1862.1	16.9	18.6	30.2	3339.9	1012.5
Dec 27, 4:00 AM	1862.6	17.1	19.2	32.0	3375.1	1014.6
Dec 27, 5:00 AM	1903.9	17.1	18.0	32.6	3301.7	1013.3
Dec 27, 6:00 AM	1992.2	19.0	22.8	33.8	3497.1	1017.9
Dec 27, 7:00 AM	1937.4	19.3	21.1	36.6	3680.2	1026.5
Dec 27, 8:00 AM	2181.0	19.6	23.7	38.4	3297.5	1021.1
Dec 27, 9:00 AM	2060.5	17.9	34.2	51.9	3047.5	915.1
Dec 27, 10:00 AM	2046.1	19.1	20.9	34.2	3427.0	1019.0

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 27, 11:00 AM	1972.9	17.9	17.6	33.7	3342.9	1019.3
Dec 27, 12:00 PM	1979.8	18.2	19.8	33.6	3377.3	1017.5
Dec 27, 1:00 PM	1956.9	18.5	19.7	35.6	3477.5	1017.0
Dec 27, 2:00 PM	1884.1	17.9	22.6	37.1	3488.9	1019.1
Dec 27, 3:00 PM	1968.1	18.8	25.8	37.5	3512.4	1026.6
Dec 27, 4:00 PM	2018.5	19.9	25.3	45.6	3601.2	1043.7
Dec 27, 5:00 PM	2006.2	18.2	24.3	51.5	3302.4	1040.7
Dec 27, 6:00 PM	1690.1	12.3	20.9	40.3	2621.9	988.8
Dec 27, 7:00 PM	1703.3	12.1	17.9	36.0	2587.9	979.3
Dec 27, 8:00 PM	1737.9	12.7	21.5	40.3	2659.9	990.5
Dec 27, 9:00 PM	1688.7	11.2	19.0	37.5	2413.9	978.2
Dec 27, 10:00 PM	1617.5	9.0	15.8	30.3	2018.2	953.7
Dec 27, 11:00 PM	1590.3	8.9	16.1	28.6	2049.6	945.8
Dec 28, 12:00 AM	1577.5	9.0	15.7	25.6	2077.6	942.4
Dec 28, 1:00 AM	1564.9	8.7	13.3	26.0	2028.6	940.3
Dec 28, 2:00 AM	1560.3	8.7	11.6	24.9	2050.4	938.8
Dec 28, 3:00 AM	1528.7	8.3	17.4	24.7	1977.3	933.0
Dec 28, 4:00 AM	1567.0	9.2	16.3	23.6	2146.5	941.1
Dec 28, 5:00 AM	1519.2	8.7	17.3	23.4	2091.0	937.1
Dec 28, 6:00 AM	1508.8	8.7	11.4	24.5	2111.0	933.2
Dec 28, 7:00 AM	1677.5	14.3	19.0	34.7	3145.1	973.9
Dec 28, 8:00 AM	1680.8	13.1	19.4	33.4	2858.9	972.4
Dec 28, 9:00 AM	1706.3	12.1	23.0	33.3	2590.4	969.0
Dec 28, 10:00 AM	1688.0	12.2	17.7	31.9	2640.2	965.4
Dec 28, 11:00 AM	1722.6	13.0	17.2	33.2	2753.7	968.0
Dec 28, 12:00 PM	1773.6	13.3	17.5	31.9	2756.1	966.8
Dec 28, 1:00 PM	1776.0	12.8	19.6	32.3	2629.2	961.4
Dec 28, 2:00 PM	1824.8	13.7	20.0	33.0	2746.1	965.9

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 28, 3:00 PM	1779.4	12.8	19.3	31.7	2634.7	959.9
Dec 28, 4:00 PM	1759.5	12.4	18.3	33.0	2567.1	956.1
Dec 28, 5:00 PM	1705.7	10.7	19.1	29.3	2281.7	939.9
Dec 28, 6:00 PM	1673.3	10.6	18.6	29.0	2321.5	939.3
Dec 28, 7:00 PM	1696.2	10.9	14.6	26.4	2350.5	941.5
Dec 28, 8:00 PM	1650.0	9.8	16.0	24.8	2173.1	932.6
Dec 28, 9:00 PM	1631.5	9.5	15.4	23.4	2126.9	928.6
Dec 28, 10:00 PM	1639.7	9.5	15.9	22.5	2131.7	928.7
Dec 28, 11:00 PM	1660.2	9.8	14.0	20.9	2172.6	929.6
Dec 29, 12:00 AM	1703.4	10.9	12.6	21.0	2352.7	938.2
Dec 29, 1:00 AM	1696.0	10.9	14.9	20.7	2358.6	941.7
Dec 29, 2:00 AM	1642.9	9.4	10.7	20.0	2104.1	929.2
Dec 29, 3:00 AM	1640.3	9.5	13.2	21.1	2122.0	928.3
Dec 29, 4:00 AM	1629.7	9.5	15.6	19.7	2153.2	930.4
Dec 29, 5:00 AM	1611.0	9.3	15.6	19.9	2131.3	928.7
Dec 29, 6:00 AM	1563.6	8.3	9.8	17.8	1953.4	922.4
Dec 29, 7:00 AM	1616.6	10.5	15.1	20.2	2407.3	944.4
Dec 29, 8:00 AM	1528.3	8.5	13.6	18.1	2043.3	929.7
Dec 29, 9:00 AM	1450.7	7.5	10.0	15.7	1920.6	925.4
Dec 29, 10:00 AM	1418.7	7.3	9.5	15.1	1895.2	922.0
Dec 29, 11:00 AM	1415.0	7.2	11.7	15.7	1889.4	923.7
Dec 29, 12:00 PM	1365.5	7.2	11.1	14.8	1945.4	932.1
Dec 29, 1:00 PM	1332.7	7.0	13.7	14.4	1938.9	933.5
Dec 29, 2:00 PM	1469.6	9.1	11.6	16.8	2285.4	948.3
Dec 29, 3:00 PM	1564.8	11.8	15.3	20.7	2788.8	979.3
Dec 29, 4:00 PM	1548.5	11.1	15.2	20.8	2636.6	985.0
Dec 29, 5:00 PM	1335.7	7.2	13.4	16.7	1979.8	945.1
Dec 29, 6:00 PM	1316.2	6.9	13.9	15.9	1936.4	925.8

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

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 29, 7:00 PM	1354.5	7.4	12.6	17.1	2001.7	924.1
Dec 29, 8:00 PM	1230.6	7.1	14.4	15.8	2140.0	929.4
Dec 29, 9:00 PM	1297.9	7.3	12.9	16.0	2068.1	921.2
Dec 29, 10:00 PM	1390.5	6.5	8.7	14.8	1732.4	909.7
Dec 29, 11:00 PM	1434.8	7.3	9.4	15.4	1879.2	924.5
Dec 30, 12:00 AM	1431.7	8.6	9.9	16.7	2216.2	939.9
Dec 30, 1:00 AM	1373.5	7.1	11.6	15.6	1906.4	934.7
Dec 30, 2:00 AM	1351.1	5.9	12.4	12.9	1598.5	925.1
Dec 30, 3:00 AM	1378.0	6.9	14.2	14.4	1842.4	941.1
Dec 30, 4:00 AM	1353.5	7.8	11.4	13.3	2123.7	954.6
Dec 30, 5:00 AM	1346.6	7.9	11.1	15.7	2162.7	953.6
Dec 30, 6:00 AM	1423.8	9.0	11.8	16.3	2344.0	957.2
Dec 30, 7:00 AM	1477.3	10.1	12.6	17.6	2525.1	963.5
Dec 30, 8:00 AM	1480.9	9.6	14.2	16.9	2392.3	958.4
Dec 30, 9:00 AM	1480.3	6.4	5.8	11.4	1795.1	887.4
Dec 30, 10:00 AM	1502.0	7.7	16.3	12.8	1887.4	859.0
Dec 30, 11:00 AM	1534.1	9.1	16.6	17.6	2193.9	967.1
Dec 30, 12:00 PM	1519.7	9.2	16.0	19.0	2228.8	973.8
Dec 30, 1:00 PM	1557.6	9.8	17.3	21.2	2312.5	986.1
Dec 30, 2:00 PM	1603.6	11.6	21.9	32.0	2637.5	1015.7
Dec 30, 3:00 PM	1527.7	10.9	20.0	38.1	2590.4	1019.8
Dec 30, 4:00 PM	1541.4	9.8	20.4	32.8	2317.6	1003.7
Dec 30, 5:00 PM	1553.2	9.4	15.5	29.8	2200.6	991.6
Dec 30, 6:00 PM	1534.3	9.3	16.1	25.3	2221.8	988.0
Dec 30, 7:00 PM	1438.1	7.1	14.2	19.8	1808.6	962.0
Dec 30, 8:00 PM	1339.4	4.1	10.4	11.8	1110.5	921.3
Dec 30, 9:00 PM	1291.8	2.8	7.6	9.8	802.1	896.7
Dec 30, 10:00 PM	1282.0	2.5	4.2	5.8	714.5	891.2

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

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 30, 11:00 PM	1261.7	3.3	5.2	7.4	968.0	902.0
Dec 31, 12:00 AM	1236.0	2.7	6.2	7.5	816.9	895.9
Dec 31, 1:00 AM	1252.4	2.0	3.7	5.7	579.6	886.9
Dec 31, 2:00 AM	1249.4	1.8	5.8	4.5	535.8	885.5
Dec 31, 3:00 AM	1262.8	2.5	8.4	7.3	723.6	893.4
Dec 31, 4:00 AM	1248.0	3.0	10.0	7.0	871.1	899.7
Dec 31, 5:00 AM	1268.5	2.8	7.1	5.7	804.8	896.4
Dec 31, 6:00 AM	1307.3	4.4	8.1	11.4	1246.8	915.0
Dec 31, 7:00 AM	1349.7	6.0	11.9	12.0	1638.7	928.0
Dec 31, 8:00 AM	1326.2	7.2	6.6	10.8	2033.6	927.4
Dec 31, 9:00 AM	1216.4	5.7	8.3	9.5	1730.4	905.4
Dec 31, 10:00 AM	1241.9	1.9	6.1	2.8	578.6	874.3
Dec 31, 11:00 AM	1168.3					
Dec 31, 12:00 PM	1211.5					
Dec 31, 1:00 PM	1173.0					
Dec 31, 2:00 PM	1104.5					
Dec 31, 3:00 PM	1114.4					
Dec 31, 4:00 PM	1094.3					
Dec 31, 5:00 PM	1098.5					
Dec 31, 6:00 PM	1094.4					
Dec 31, 7:00 PM	1093.1					
Dec 31, 8:00 PM	1000.8					
Dec 31, 9:00 PM	1059.8					
Dec 31, 10:00 PM	1088.4					
Dec 31, 11:00 PM	1069.9					

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 1, 12:00 AM	103.1	13.5	31.2	23.6	49392.6	1125.0
Oct 1, 1:00 AM	104.6	13.6	32.2	23.6	48894.8	1146.2
Oct 1, 2:00 AM	103.5	13.6	30.7	23.5	49584.3	1117.8
Oct 1, 3:00 AM	106.7	13.8	31.4	23.5	48786.6	1137.1
Oct 1, 4:00 AM	104.0	13.8	32.1	23.6	49903.6	1135.2
Oct 1, 5:00 AM	105.1	14.0	31.6	23.9	50033.5	1131.2
Oct 1, 6:00 AM	103.2	13.8	30.2	23.2	50269.5	1117.3
Oct 1, 7:00 AM	102.8	11.9	30.1	22.5	43377.6	1119.4
Oct 1, 8:00 AM	102.8	13.7	30.4	23.3	50275.4	1104.3
Oct 1, 9:00 AM	104.4	14.0	31.4	23.7	50487.6	1123.0
Oct 1, 10:00 AM	105.8	14.1	31.0	23.8	50339.4	1125.0
Oct 1, 11:00 AM	103.8	13.9	33.2	24.2	50590.2	1149.1
Oct 1, 12:00 PM	103.1	14.2	31.4	23.9	51947.4	1128.9
Oct 1, 1:00 PM	101.9	14.2	30.6	23.9	52634.7	1113.7
Oct 1, 2:00 PM	102.1	14.3	30.9	24.1	52613.3	1113.9
Oct 1, 3:00 PM	109.4	14.9	36.4	25.2	51552.1	1189.6
Oct 1, 4:00 PM	106.3	14.5	33.8	24.3	51283.4	1163.0
Oct 1, 5:00 PM	104.5	13.6	33.6	24.1	48956.0	1165.1
Oct 1, 6:00 PM	102.9	10.9	30.2	22.4	39834.3	1121.2
Oct 1, 7:00 PM	103.7	12.7	30.6	23.3	46301.8	1140.1
Oct 1, 8:00 PM	103.5	13.7	30.1	23.6	49913.6	1138.0
Oct 1, 9:00 PM	103.6	14.2	30.0	23.6	51719.6	1110.2
Oct 1, 10:00 PM	103.7	15.0	30.3	24.5	54452.7	1112.6
Oct 1, 11:00 PM	103.6	15.5	29.8	24.4	56207.2	1103.5
Oct 2, 12:00 AM	104.6	16.0	31.4	25.0	57744.8	1125.3
Oct 2, 1:00 AM	104.1	16.0	30.4	25.0	57902.3	1115.7
Oct 2, 2:00 AM	104.2	15.8	30.6	25.2	57271.9	1114.1
Oct 2, 3:00 AM	103.9	15.4	30.1	24.8	55837.4	1117.0

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 2, 4:00 AM	104.1	15.0	30.7	25.1	54284.9	1120.5
Oct 2, 5:00 AM	102.9	14.5	29.2	24.7	53175.7	1110.4
Oct 2, 6:00 AM	103.2	14.1	30.4	24.7	51325.4	1120.2
Oct 2, 7:00 AM	103.6	13.9	30.6	24.2	50398.6	1118.5
Oct 2, 8:00 AM	103.6					
Oct 2, 9:00 AM	102.9					
Oct 2, 10:00 AM	102.3					
Oct 2, 11:00 AM	102.4					
Oct 2, 12:00 PM	101.6	14.3	29.7	24.0	52853.4	1120.0
Oct 2, 1:00 PM	102.4	14.2	29.7	24.1	52346.2	1113.7
Oct 2, 2:00 PM	102.9	14.6	30.2	24.5	53429.1	1115.4
Oct 2, 3:00 PM	102.2	15.2	29.7	24.9	56224.8	1109.5
Oct 2, 4:00 PM	101.8	15.6	30.0	24.8	57754.9	1114.4
Oct 2, 5:00 PM	102.0	16.1	30.7	25.1	59450.1	1117.0
Oct 2, 6:00 PM	104.1	16.8	29.9	25.1	60776.1	1100.4
Oct 2, 7:00 PM	101.0	17.2	26.7	24.8	64550.1	1066.3
Oct 2, 8:00 PM	105.6	18.0	29.6	25.2	64415.9	1096.8
Oct 2, 9:00 PM	105.0	18.0	29.0	25.5	64682.4	1089.0
Oct 2, 10:00 PM	105.5	18.2	30.2	26.0	64931.7	1099.1
Oct 2, 11:00 PM	105.1	18.5	29.8	26.1	66261.5	1095.2
Oct 3, 12:00 AM	105.0	18.5	30.3	25.9	66537.8	1102.3
Oct 3, 1:00 AM	105.8	18.8	30.2	25.9	67169.2	1099.4
Oct 3, 2:00 AM	105.6	18.8	30.3	26.5	67134.5	1101.5
Oct 3, 3:00 AM	107.0	19.2	30.6	26.7	67613.7	1111.4
Oct 3, 4:00 AM	105.7	19.4	30.7	26.1	69151.4	1106.7
Oct 3, 5:00 AM	106.5	19.8	30.4	26.9	69922.6	1100.4
Oct 3, 6:00 AM	105.4	19.4	30.1	26.8	69411.2	1100.4
Oct 3, 7:00 AM	105.8	19.4	30.1	26.8	69067.7	1100.5

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 3, 8:00 AM	105.3	19.3	30.3	26.8	69058.7	1102.8
Oct 3, 9:00 AM	104.5	19.8	30.6	27.3	71475.0	1101.5
Oct 3, 10:00 AM	105.0	20.2	30.8	27.0	72542.9	1099.3
Oct 3, 11:00 AM	104.1	20.6	31.3	27.5	74768.6	1101.9
Oct 3, 12:00 PM	105.1	21.3	30.9	27.5	76522.2	1099.8
Oct 3, 1:00 PM	104.1	21.9	31.5	28.2	79165.9	1112.6
Oct 3, 2:00 PM	104.3	21.8	31.1	27.8	78871.6	1093.6
Oct 3, 3:00 PM	105.3	22.1	31.8	27.2	79091.7	1097.1
Oct 3, 4:00 PM	104.7	21.8	31.2	28.1	78443.0	1098.1
Oct 3, 5:00 PM	107.1	22.3	32.1	28.2	78436.9	1112.6
Oct 3, 6:00 PM	105.4	21.6	32.4	27.8	77310.6	1109.5
Oct 3, 7:00 PM	107.3	21.6	31.9	27.7	76083.5	1108.8
Oct 3, 8:00 PM	108.3	21.4	31.9	27.8	74411.6	1106.0
Oct 3, 9:00 PM	106.8	20.7	31.7	27.5	73006.5	1104.3
Oct 3, 10:00 PM	106.3	20.6	31.1	27.4	73079.4	1100.0
Oct 3, 11:00 PM	105.7	20.6	30.9	27.2	73334.6	1094.8
Oct 4, 12:00 AM	106.6	20.8	31.7	27.4	73426.9	1103.8
Oct 4, 1:00 AM	107.3	21.2	31.7	27.5	74412.2	1103.6
Oct 4, 2:00 AM	107.1	21.2	31.4	27.8	74518.6	1101.4
Oct 4, 3:00 AM	107.1	21.4	32.1	27.8	75193.3	1104.0
Oct 4, 4:00 AM	107.3	21.5	30.8	28.0	75561.8	1097.7
Oct 4, 5:00 AM	106.1	21.5	30.6	27.8	76343.7	1100.4
Oct 4, 6:00 AM	106.7	22.1	30.8	28.0	77883.8	1093.1
Oct 4, 7:00 AM	107.0	22.2	31.5	27.8	78306.1	1101.1
Oct 4, 8:00 AM	106.9	22.3	31.5	28.5	78609.8	1099.2
Oct 4, 9:00 AM	105.3	22.1	32.0	29.1	79078.1	1101.3
Oct 4, 10:00 AM	105.7	22.7	31.4	28.5	80995.2	1096.6
Oct 4, 11:00 AM	105.0	23.3	31.2	28.9	83530.6	1100.7



## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 4, 12:00 PM	104.4	23.6	30.8	28.9	85095.9	1097.6
Oct 4, 1:00 PM	105.0	23.0	30.9	28.7	82748.0	1092.7
Oct 4, 2:00 PM	105.8	22.8	31.6	29.2	81383.6	1100.5
Oct 4, 3:00 PM	106.3	22.9	32.1	29.2	81083.7	1107.4
Oct 4, 4:00 PM	106.6	22.5	32.4	29.3	79632.5	1111.1
Oct 4, 5:00 PM	105.4	21.8	31.7	29.0	78095.5	1101.3
Oct 4, 6:00 PM	105.6	21.5	32.3	28.9	76753.0	1107.8
Oct 4, 7:00 PM	104.9	21.0	31.2	28.8	75329.2	1102.9
Oct 4, 8:00 PM	105.3	20.7	31.5	28.4	74117.9	1104.6
Oct 4, 9:00 PM	106.4	20.8	31.6	28.6	73643.0	1110.9
Oct 4, 10:00 PM	104.4	20.3	31.9	28.7	73309.9	1111.7
Oct 4, 11:00 PM	105.4	20.2	31.2	28.0	72371.6	1102.5
Oct 5, 12:00 AM	105.1	20.0	30.9	28.1	71554.7	1101.0
Oct 5, 1:00 AM	105.1	20.3	31.7	28.2	72965.8	1103.1
Oct 5, 2:00 AM	105.7	20.2	31.3	27.9	71869.6	1104.3
Oct 5, 3:00 AM	106.2	20.1	31.7	27.7	71415.0	1108.2
Oct 5, 4:00 AM	106.2	20.4	31.9	27.8	72402.6	1110.7
Oct 5, 5:00 AM	107.9	20.7	31.6	28.1	72319.3	1113.1
Oct 5, 6:00 AM	105.5	20.6	32.4	28.2	73765.0	1122.2
Oct 5, 7:00 AM	108.1	20.8	31.9	28.0	72601.1	1117.8
Oct 5, 8:00 AM	105.9	21.0	32.3	28.2	74711.3	1107.9
Oct 5, 9:00 AM	106.0	21.1	32.5	28.4	75006.4	1110.8
Oct 5, 10:00 AM	105.9	21.9	31.8	29.0	78104.5	1110.4
Oct 5, 11:00 AM	106.6	22.6	32.4	28.8	79966.4	1105.8
Oct 5, 12:00 PM	105.1	22.5	31.5	29.0	80819.4	1104.9
Oct 5, 1:00 PM	105.7	22.5	32.8	29.3	80094.5	1113.0
Oct 5, 2:00 PM	106.8	22.5	32.1	29.0	79438.9	1110.5
Oct 5, 3:00 PM	106.1	22.6	32.6	29.1	80291.2	1117.3

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 5, 4:00 PM	106.8	22.7	33.1	29.3	80186.6	1119.0
Oct 5, 5:00 PM	107.2	22.5	33.3	29.2	79260.4	1127.7
Oct 5, 6:00 PM	107.2	22.5	32.9	28.9	79309.6	1119.1
Oct 5, 7:00 PM	111.0	22.2	35.5	29.2	75532.5	1155.2
Oct 5, 8:00 PM	107.4	21.2	33.4	28.2	74227.2	1118.7
Oct 5, 9:00 PM	108.3	21.3	33.0	28.2	74087.8	1121.2
Oct 5, 10:00 PM	107.3	21.5	32.0	28.0	75588.3	1107.0
Oct 5, 11:00 PM	107.0	21.6	31.9	27.8	76275.4	1111.4
Oct 6, 12:00 AM	108.6	22.3	32.4	28.8	77538.8	1122.2
Oct 6, 1:00 AM	107.4	22.6	31.5	28.6	79447.9	1115.2
Oct 6, 2:00 AM	109.0	23.1	33.7	29.1	79920.0	1127.5
Oct 6, 3:00 AM	106.7	22.7	32.0	29.1	80226.1	1113.2
Oct 6, 4:00 AM	106.6	22.4	33.6	29.5	79134.0	1132.8
Oct 6, 5:00 AM	108.2	22.5	32.6	29.3	78327.2	1117.5
Oct 6, 6:00 AM	107.7	22.5	33.9	29.9	78573.6	1119.6
Oct 6, 7:00 AM	107.7	22.4	33.6	29.4	78476.5	1120.2
Oct 6, 8:00 AM	112.7	22.9	37.5	30.7	76715.2	1168.8
Oct 6, 9:00 AM	107.4	22.5	32.4	29.8	79101.3	1109.9
Oct 6, 10:00 AM	106.1	22.4	32.0	29.0	79644.7	1104.4
Oct 6, 11:00 AM	107.7	22.6	32.2	28.8	79118.0	1104.8
Oct 6, 12:00 PM	107.5	22.7	32.5	29.1	79636.5	1112.1
Oct 6, 1:00 PM	110.2	23.4	33.4	29.7	79924.6	1121.5
Oct 6, 2:00 PM	111.0	23.9	33.0	29.5	81284.4	1118.1
Oct 6, 3:00 PM	111.9	23.9	32.8	29.4	80573.0	1118.7
Oct 6, 4:00 PM	116.1	23.8	31.9	28.9	77375.2	1121.4
Oct 6, 5:00 PM	116.6	22.8	31.5	28.6	74197.5	1120.1
Oct 6, 6:00 PM	111.6	23.0	31.7	28.7	77301.6	1108.2
Oct 6, 7:00 PM	105.9	18.2	32.1	26.7	64526.3	1102.3

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 6, 8:00 PM	106.4	22.4	31.3	28.1	79515.4	1091.8
Oct 6, 9:00 PM	106.4	21.9	32.1	28.5	77732.1	1105.2
Oct 6, 10:00 PM	106.2	21.9	31.6	28.2	77585.0	1110.8
Oct 6, 11:00 PM	107.3	21.9	32.6	28.9	76893.2	1116.2
Oct 7, 12:00 AM	106.5	22.4	31.7	28.7	79280.5	1112.0
Oct 7, 1:00 AM	107.1	23.0	32.5	29.2	81106.5	1117.5
Oct 7, 2:00 AM	106.5	22.7	32.3	29.1	80390.2	1110.0
Oct 7, 3:00 AM	106.3	22.5	32.0	29.1	79895.1	1108.6
Oct 7, 4:00 AM	107.2	22.9	32.7	29.5	80388.8	1120.0
Oct 7, 5:00 AM	106.0	22.4	32.5	29.3	79611.4	1116.6
Oct 7, 6:00 AM	106.8	22.5	32.2	29.3	79427.0	1111.2
Oct 7, 7:00 AM	107.7	22.4	32.9	29.7	78558.7	1122.9
Oct 7, 8:00 AM	107.0	22.5	33.1	29.9	79320.9	1120.7
Oct 7, 9:00 AM	106.3	22.4	33.2	29.7	79506.5	1122.2
Oct 7, 10:00 AM	105.7	22.7	33.3	29.6	80856.9	1118.6
Oct 7, 11:00 AM	106.1	23.1	32.6	29.6	81945.7	1118.0
Oct 7, 12:00 PM	105.2	23.5	33.3	30.1	84048.4	1119.6
Oct 7, 1:00 PM	106.2	22.9	33.6	30.1	81164.8	1119.5
Oct 7, 2:00 PM	105.8	22.5	33.8	30.2	80397.9	1119.9
Oct 7, 3:00 PM	106.1	22.1	33.4	30.4	78546.4	1117.1
Oct 7, 4:00 PM	103.3	21.3	32.6	30.0	77867.9	1125.9
Oct 7, 5:00 PM	104.3	21.2	32.4	29.9	76590.8	1105.1
Oct 7, 6:00 PM	104.9	21.4	32.1	29.4	77053.4	1100.8
Oct 7, 7:00 PM	107.2	23.0	32.2	30.1	80797.2	1102.2
Oct 7, 8:00 PM	106.6	20.8	31.8	28.9	73615.1	1103.3
Oct 7, 9:00 PM	105.9	20.5	33.4	29.3	72892.4	1110.5
Oct 7, 10:00 PM	106.1	20.3	32.7	29.1	72203.9	1112.2
Oct 7, 11:00 PM	107.4	20.3	33.1	29.0	71389.8	1118.2

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 8, 12:00 AM	106.3	20.4	32.3	29.0	72222.5	1105.2
Oct 8, 1:00 AM	107.1	20.4	33.5	29.6	71850.5	1120.1
Oct 8, 2:00 AM	106.8	20.8	33.5	29.8	73382.0	1121.2
Oct 8, 3:00 AM	104.8	20.3	31.5	29.6	72897.4	1109.4
Oct 8, 4:00 AM	104.9	20.4	31.7	29.6	73158.7	1105.0
Oct 8, 5:00 AM	105.1	20.4	31.1	29.4	73174.2	1098.9
Oct 8, 6:00 AM	105.6	20.4	32.8	29.7	72733.9	1120.5
Oct 8, 7:00 AM	106.0	20.6	32.3	29.9	73235.9	1118.7
Oct 8, 8:00 AM	105.0	20.4	31.7	29.8	73181.9	1101.2
Oct 8, 9:00 AM	105.1	20.9	32.2	30.0	74839.9	1104.5
Oct 8, 10:00 AM	104.6	21.0	31.8	29.8	75605.8	1097.6
Oct 8, 11:00 AM	103.7	21.2	31.7	29.9	76895.6	1094.9
Oct 8, 12:00 PM	103.2	21.4	31.3	29.8	78317.2	1094.9
Oct 8, 1:00 PM	105.2	21.8	32.4	30.3	78077.0	1103.9
Oct 8, 2:00 PM	102.2	20.9	31.9	30.4	77214.7	1100.4
Oct 8, 3:00 PM	103.5	20.8	32.1	30.1	75690.0	1105.4
Oct 8, 4:00 PM	102.5	20.1	32.7	29.8	73816.3	1106.1
Oct 8, 5:00 PM	103.7	20.0	32.1	29.3	72703.8	1097.2
Oct 8, 6:00 PM	106.1	21.2	31.8	29.9	74976.5	1094.1
Oct 8, 7:00 PM	104.4	20.5	32.3	30.0	73939.6	1106.4
Oct 8, 8:00 PM	105.1	19.5	31.2	29.0	69781.2	1092.4
Oct 8, 9:00 PM	104.5	19.3	31.4	28.9	69514.3	1094.3
Oct 8, 10:00 PM	105.8	19.5	31.4	29.0	69553.5	1096.4
Oct 8, 11:00 PM	106.2	19.8	31.6	28.7	70284.9	1101.2
Oct 9, 12:00 AM	104.9	19.7	31.5	28.2	70616.0	1093.4
Oct 9, 1:00 AM	105.9	19.6	32.1	28.5	69734.8	1103.6
Oct 9, 2:00 AM	105.4	20.0	31.3	28.9	71418.4	1098.7
Oct 9, 3:00 AM	105.6	19.9	32.0	29.3	70848.2	1105.5

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 9, 4:00 AM	105.0	19.8	32.3	29.8	70908.7	1114.4
Oct 9, 5:00 AM	105.7	19.4	31.8	29.3	69281.4	1102.8
Oct 9, 6:00 AM	106.0	19.6	32.4	29.4	69627.0	1110.6
Oct 9, 7:00 AM	104.1	15.1	32.6	27.6	54482.1	1042.9
Oct 9, 8:00 AM	104.8					
Oct 9, 9:00 AM	104.3					
Oct 9, 10:00 AM	104.5					
Oct 9, 11:00 AM	165.7					
Oct 9, 12:00 PM	106.7					
Oct 9, 1:00 PM	107.8	21.1	36.1	27.6	72891.8	1104.6
Oct 9, 2:00 PM	105.2	20.7	35.7	28.3	74152.0	1126.0
Oct 9, 3:00 PM	103.8	20.4	34.7	28.1	73923.4	1106.6
Oct 9, 4:00 PM	103.0	19.9	33.4	27.4	72786.4	1107.1
Oct 9, 5:00 PM	103.3	19.9	33.3	27.9	72543.1	1095.4
Oct 9, 6:00 PM	104.3	20.6	32.4	27.7	74341.3	1090.1
Oct 9, 7:00 PM	103.8	20.3	32.4	27.5	73837.4	1086.6
Oct 9, 8:00 PM	103.5	19.3	31.5	27.5	70458.8	1083.2
Oct 9, 9:00 PM	103.5	19.9	30.7	27.7	72574.6	1079.1
Oct 9, 10:00 PM	105.0	20.1	31.5	28.1	72283.0	1094.9
Oct 9, 11:00 PM	104.0	20.3	30.5	27.5	73491.9	1081.9
Oct 10, 12:00 AM	104.1	20.2	30.9	28.1	73083.9	1083.4
Oct 10, 1:00 AM	103.7	20.1	31.2	28.1	72864.0	1092.2
Oct 10, 2:00 AM	105.3	19.7	31.3	28.0	70534.0	1091.2
Oct 10, 3:00 AM	105.0	19.6	31.2	27.8	70487.8	1093.5
Oct 10, 4:00 AM	101.8	12.3	32.4	25.0	45001.5	1108.8
Oct 10, 5:00 AM	99.4	3.8	32.5	19.9	14575.8	1131.0
Oct 10, 6:00 AM	99.2	3.5	32.6	18.8	13331.1	1129.9
Oct 10, 7:00 AM	96.2	3.3	32.2	18.3	12140.6	1062.5

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 10, 8:00 AM	99.5					
Oct 10, 9:00 AM	98.6					
Oct 10, 10:00 AM	97.7					
Oct 10, 11:00 AM	97.6	3.5	31.4	18.3	13597.7	1132.3
Oct 10, 12:00 PM	96.2	3.5	32.1	17.6	13638.5	1129.4
Oct 10, 1:00 PM	96.6	3.6	31.6	17.1	13808.3	1130.2
Oct 10, 2:00 PM	95.7	3.5	31.4	16.8	13901.2	1122.0
Oct 10, 3:00 PM	95.7	3.6	31.7	16.4	13944.9	1123.9
Oct 10, 4:00 PM	96.8	3.5	32.8	16.0	13644.5	1136.8
Oct 10, 5:00 PM	97.0	3.5	32.0	16.1	13723.7	1134.2
Oct 10, 6:00 PM	98.0	3.6	32.0	16.0	13809.5	1128.1
Oct 10, 7:00 PM	98.5	3.6	31.6	15.7	13924.0	1125.5
Oct 10, 8:00 PM	97.1	3.4	31.5	15.4	12973.0	1141.7
Oct 10, 9:00 PM	98.5	3.5	31.3	15.4	13157.2	1128.4
Oct 10, 10:00 PM	99.7	3.5	31.4	15.0	13289.1	1126.4
Oct 10, 11:00 PM	99.6	3.6	30.9	15.0	13622.0	1124.4
Oct 11, 12:00 AM	99.4	3.8	32.0	15.2	14423.7	1126.9
Oct 11, 1:00 AM	99.9	3.7	31.6	14.9	13964.2	1132.5
Oct 11, 2:00 AM	99.2	3.6	31.4	15.2	13800.8	1130.0
Oct 11, 3:00 AM	99.1	3.7	31.6	15.1	13984.6	1123.8
Oct 11, 4:00 AM	99.5	3.7	31.3	14.9	13965.7	1129.1
Oct 11, 5:00 AM	99.5	3.8	31.1	15.1	14342.9	1128.7
Oct 11, 6:00 AM	100.3	3.8	31.1	14.5	14347.9	1129.6
Oct 11, 7:00 AM	99.9	3.8	31.6	14.5	14445.0	1132.5
Oct 11, 8:00 AM	100.0	3.8	31.2	14.5	14428.3	1132.8
Oct 11, 9:00 AM	98.2	3.8	31.5	14.7	14697.0	1131.4
Oct 11, 10:00 AM	97.6	4.0	31.9	15.0	15331.8	1132.1
Oct 11, 11:00 AM	96.2	3.9	31.0	14.8	15143.3	1131.1

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 11, 12:00 PM	97.1	4.2	31.1	15.1	16150.0	1132.9
Oct 11, 1:00 PM	96.3	4.1	31.2	15.2	16155.7	1131.7
Oct 11, 2:00 PM	97.0	4.1	31.0	15.0	16022.7	1128.6
Oct 11, 3:00 PM	96.1	4.0	30.7	14.8	15832.7	1127.6
Oct 11, 4:00 PM	96.5	3.7	31.2	14.3	14541.9	1134.8
Oct 11, 5:00 PM	97.6	4.1	31.6	14.4	15971.4	1134.2
Oct 11, 6:00 PM	97.9	4.0	31.3	14.4	15302.0	1135.8
Oct 11, 7:00 PM	100.0	3.6	32.3	13.9	13580.6	1146.8
Oct 11, 8:00 PM	99.8	3.9	31.9	14.4	14659.4	1143.3
Oct 11, 9:00 PM	99.0	4.1	31.8	14.2	15743.9	1140.1
Oct 11, 10:00 PM	99.1	4.1	32.5	14.2	15520.3	1144.4
Oct 11, 11:00 PM	99.6	4.0	32.7	14.4	15019.9	1163.2
Oct 12, 12:00 AM	97.9	4.1	31.5	13.7	15657.8	1131.3
Oct 12, 1:00 AM	98.3	4.1	31.0	14.4	15790.9	1131.2
Oct 12, 2:00 AM	98.6	4.2	31.5	14.1	15848.8	1138.2
Oct 12, 3:00 AM	98.6	4.2	31.4	14.2	16084.2	1135.1
Oct 12, 4:00 AM	99.5	4.4	30.5	13.9	16496.5	1134.1
Oct 12, 5:00 AM	106.9	23.6	30.9	22.3	82503.4	1105.0
Oct 12, 6:00 AM	108.1	26.7	31.0	25.9	92963.2	1100.1
Oct 12, 7:00 AM	108.0	26.7	30.7	26.7	93304.8	1093.1
Oct 12, 8:00 AM	108.2	27.5	31.4	27.3	95868.8	1093.7
Oct 12, 9:00 AM	107.4	28.5	30.4	27.6	100105.8	1087.2
Oct 12, 10:00 AM	107.5	28.8	30.5	28.3	100978.5	1088.7
Oct 12, 11:00 AM	106.7	29.0	30.9	28.7	102514.2	1087.7
Oct 12, 12:00 PM	107.9	29.0	30.3	28.7	101365.8	1085.5
Oct 12, 1:00 PM	108.3	29.1	31.7	29.2	101479.8	1096.6
Oct 12, 2:00 PM	107.7	29.2	31.0	29.7	102286.3	1093.3
Oct 12, 3:00 PM	106.3	28.8	31.6	29.4	102287.8	1098.3

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 12, 4:00 PM	107.5	28.7	31.3	29.8	100474.9	1099.9
Oct 12, 5:00 PM	107.4	28.9	30.6	29.5	101575.3	1079.0
Oct 12, 6:00 PM	108.9	29.4	30.2	29.5	101685.5	1083.2
Oct 12, 7:00 PM	108.4	29.1	31.5	29.9	101286.2	1083.6
Oct 12, 8:00 PM	108.4	29.3	30.6	29.8	101993.0	1083.9
Oct 12, 9:00 PM	110.6	29.8	31.8	29.9	101719.7	1095.4
Oct 12, 10:00 PM	110.3	28.9	31.7	30.3	98794.1	1099.2
Oct 12, 11:00 PM	110.6	29.0	31.5	30.1	98660.3	1090.6
Oct 13, 12:00 AM	110.2	29.2	31.3	30.2	99769.8	1088.5
Oct 13, 1:00 AM	110.8	29.3	31.8	30.1	99788.3	1092.5
Oct 13, 2:00 AM	111.0	29.2	31.6	30.2	99234.2	1092.7
Oct 13, 3:00 AM	110.5	29.5	32.0	30.9	100612.4	1097.1
Oct 13, 4:00 AM	109.0	28.9	30.9	30.1	99828.0	1089.3
Oct 13, 5:00 AM	110.7	29.5	32.1	30.6	100314.2	1096.8
Oct 13, 6:00 AM	110.3	29.5	31.7	30.4	100961.3	1092.7
Oct 13, 7:00 AM	109.7	29.5	31.0	30.7	101787.3	1079.0
Oct 13, 8:00 AM	111.6	29.8	32.0	31.0	100650.6	1093.6
Oct 13, 9:00 AM	111.0	29.8	32.1	30.8	101193.5	1099.2
Oct 13, 10:00 AM	111.0	30.2	31.1	30.6	102442.8	1085.8
Oct 13, 11:00 AM	110.6	29.9	31.6	30.9	102024.5	1089.7
Oct 13, 12:00 PM	110.4	29.3	31.1	31.0	100273.2	1090.5
Oct 13, 1:00 PM	109.4	28.4	32.2	31.2	97797.5	1099.2
Oct 13, 2:00 PM	109.7	28.2	31.3	31.4	96836.1	1090.3
Oct 13, 3:00 PM	112.2	28.6	32.1	30.6	96089.9	1099.5
Oct 13, 4:00 PM	111.1	28.4	31.5	30.8	96267.7	1095.0
Oct 13, 5:00 PM	110.8	28.1	31.5	30.6	95490.7	1100.6
Oct 13, 6:00 PM	111.5	28.8	31.7	31.1	97484.3	1097.2
Oct 13, 7:00 PM	110.7	28.4	31.0	30.7	96844.2	1096.3



## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 13, 8:00 PM	111.8	28.8	32.3	31.3	97008.2	1097.1
Oct 13, 9:00 PM	110.4	28.4	31.5	31.0	96962.9	1092.7
Oct 13, 10:00 PM	110.3	28.3	31.5	31.3	96671.3	1094.6
Oct 13, 11:00 PM	110.5	28.5	32.1	31.4	97147.9	1105.1
Oct 14, 12:00 AM	110.8	28.8	30.8	31.3	97927.1	1096.7
Oct 14, 1:00 AM	110.2	28.9	31.3	31.6	98819.7	1097.2
Oct 14, 2:00 AM	110.0	28.5	31.0	31.3	97524.9	1096.1
Oct 14, 3:00 AM	110.6	27.8	31.0	31.8	94942.2	1096.6
Oct 14, 4:00 AM	110.3	27.8	31.3	31.5	95093.1	1100.2
Oct 14, 5:00 AM	109.6	28.0	30.8	31.6	96449.9	1092.4
Oct 14, 6:00 AM	109.3	27.8	30.6	31.1	95802.3	1088.7
Oct 14, 7:00 AM	109.0	27.4	31.1	30.9	94727.1	1094.8
Oct 14, 8:00 AM	107.3	26.6	30.2	30.6	93399.0	1085.5
Oct 14, 9:00 AM	109.5	27.5	31.2	31.4	94689.8	1100.4
Oct 14, 10:00 AM	106.9	26.8	30.7	31.5	94601.1	1094.8
Oct 14, 11:00 AM	108.0	26.9	30.7	31.7	94079.6	1091.3
Oct 14, 12:00 PM	107.7	27.0	31.5	31.6	94521.6	1092.8
Oct 14, 1:00 PM	107.6	27.1	30.7	31.4	95109.8	1087.1
Oct 14, 2:00 PM	109.2	27.4	31.6	31.9	94538.4	1099.1
Oct 14, 3:00 PM	106.6	26.6	31.3	31.2	93973.6	1101.6
Oct 14, 4:00 PM	106.8	27.2	31.2	31.5	96135.3	1103.9
Oct 14, 5:00 PM	108.1	28.0	30.4	31.6	97647.7	1082.5
Oct 14, 6:00 PM	109.3	28.1	30.4	31.2	96936.1	1087.1
Oct 14, 7:00 PM	108.3	24.9	30.2	30.4	86594.2	1087.6
Oct 14, 8:00 PM	109.3	28.5	31.0	31.5	98415.4	1084.2
Oct 14, 9:00 PM	109.9	28.7	30.8	31.7	98648.8	1088.6
Oct 14, 10:00 PM	109.2	28.4	31.3	31.4	97906.5	1091.0
Oct 14, 11:00 PM	110.8	28.9	30.9	32.0	98458.0	1097.0

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 15, 12:00 AM	110.3	28.6	31.6	31.8	97907.7	1097.7
Oct 15, 1:00 AM	110.1	28.7	30.8	31.9	98233.3	1090.2
Oct 15, 2:00 AM	109.5	28.2	30.1	31.4	97208.0	1086.7
Oct 15, 3:00 AM	110.2	27.6	31.6	31.9	94566.1	1096.9
Oct 15, 4:00 AM	109.5	27.4	31.1	32.1	94157.0	1100.8
Oct 15, 5:00 AM	110.3	26.8	31.4	31.8	91510.2	1094.3
Oct 15, 6:00 AM	109.0	25.6	30.8	31.7	88556.6	1092.2
Oct 15, 7:00 AM	109.8	26.3	30.7	31.5	90474.8	1093.7
Oct 15, 8:00 AM	109.2	26.7	31.5	31.6	92178.6	1092.1
Oct 15, 9:00 AM	108.9	25.8	31.4	31.7	89373.0	1096.9
Oct 15, 10:00 AM	108.7	26.2	31.0	31.4	90941.6	1089.3
Oct 15, 11:00 AM	109.3	26.3	32.3	32.0	90626.5	1115.6
Oct 15, 12:00 PM	107.8	26.4	30.8	31.4	92177.5	1092.7
Oct 15, 1:00 PM	106.9	26.2	30.6	32.0	92215.0	1090.5
Oct 15, 2:00 PM	106.7	26.5	30.9	32.2	93570.9	1098.3
Oct 15, 3:00 PM	106.9	26.3	30.7	31.7	92748.5	1094.7
Oct 15, 4:00 PM	108.1	26.3	30.6	31.4	91804.4	1092.0
Oct 15, 5:00 PM	109.2	26.1	32.2	32.1	90192.8	1110.2
Oct 15, 6:00 PM	107.4	26.2	31.3	31.9	91979.0	1093.0
Oct 15, 7:00 PM	108.6	26.4	31.4	31.1	91761.6	1095.8
Oct 15, 8:00 PM	107.7	26.4	30.4	31.6	92333.9	1086.1
Oct 15, 9:00 PM	108.2	26.3	31.4	31.5	91509.4	1092.9
Oct 15, 10:00 PM	107.9	26.4	30.2	31.3	92263.0	1084.6
Oct 15, 11:00 PM	107.1	26.5	30.6	31.3	93209.7	1093.4
Oct 16, 12:00 AM	109.1	27.2	31.0	31.7	93946.2	1087.3
Oct 16, 1:00 AM	108.2	27.6	30.8	32.1	96053.0	1089.8
Oct 16, 2:00 AM	107.2	27.3	29.9	31.4	95952.0	1083.9
Oct 16, 3:00 AM	109.4	28.1	31.4	31.8	96982.0	1092.9

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 16, 4:00 AM	108.3	28.1	30.4	31.8	97809.4	1086.6
Oct 16, 5:00 AM	109.1	28.3	30.3	32.1	97707.5	1088.4
Oct 16, 6:00 AM	108.5	27.8	31.2	32.1	96756.8	1094.8
Oct 16, 7:00 AM	108.5	28.2	31.0	32.5	97338.3	679.8
Oct 16, 8:00 AM	109.8					
Oct 16, 9:00 AM	108.1					
Oct 16, 10:00 AM	107.9					
Oct 16, 11:00 AM	106.7					
Oct 16, 12:00 PM	105.9					
Oct 16, 1:00 PM	106.5	27.2	29.6	30.8	96775.6	1087.3
Oct 16, 2:00 PM	105.3	27.4	30.2	30.9	98266.3	1079.3
Oct 16, 3:00 PM	106.1	28.6	29.8	31.4	101629.8	1075.7
Oct 16, 4:00 PM	106.9	29.9	30.0	31.7	105647.4	1077.7
Oct 16, 5:00 PM	106.6	30.6	29.1	32.5	108242.4	1070.6
Oct 16, 6:00 PM	107.5	31.2	30.1	32.5	109399.0	1077.9
Oct 16, 7:00 PM	108.2	31.5	29.4	32.6	109805.0	1074.7
Oct 16, 8:00 PM	107.4	32.2	29.8	32.6	112984.4	1076.9
Oct 16, 9:00 PM	107.5	31.3	30.2	32.7	109931.8	1081.9
Oct 16, 10:00 PM	109.9	31.7	29.8	32.4	108671.4	1069.9
Oct 16, 11:00 PM	108.9	32.4	29.6	32.5	112321.5	1063.2
Oct 17, 12:00 AM	109.8	32.2	29.7	32.3	110686.9	1064.5
Oct 17, 1:00 AM	109.8	32.3	29.9	32.8	110852.0	1072.0
Oct 17, 2:00 AM	108.7	31.7	29.3	32.8	110103.0	1067.7
Oct 17, 3:00 AM	110.0	32.4	30.2	33.5	111045.4	1079.7
Oct 17, 4:00 AM	108.8	31.9	29.8	32.8	110702.5	1074.8
Oct 17, 5:00 AM	107.9	31.6	29.7	33.0	110444.6	1066.5
Oct 17, 6:00 AM	106.7	31.7	28.5	32.4	112017.7	1058.2
Oct 17, 7:00 AM	109.6	32.5	29.7	32.7	111630.7	1065.2

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 17, 8:00 AM	107.8	31.5	29.3	32.5	110346.1	1061.7
Oct 17, 9:00 AM	108.4	31.8	30.4	32.6	110648.3	1066.2
Oct 17, 10:00 AM	107.9	32.3	30.4	32.9	112862.2	1068.9
Oct 17, 11:00 AM	108.0	33.5	30.3	33.7	117028.2	1070.8
Oct 17, 12:00 PM	108.3	33.0	30.6	33.7	114843.0	1072.8
Oct 17, 1:00 PM	106.8	32.3	30.4	33.7	113973.4	1073.3
Oct 17, 2:00 PM	107.6	32.5	31.1	34.0	113951.9	1079.0
Oct 17, 3:00 PM	107.4	32.6	31.2	34.3	114334.5	1079.6
Oct 17, 4:00 PM	108.5	32.5	31.5	34.3	112813.3	1088.7
Oct 17, 5:00 PM	107.5	32.0	30.3	33.2	112258.4	1079.8
Oct 17, 6:00 PM	109.2	32.3	30.6	33.2	111549.7	1081.9
Oct 17, 7:00 PM	109.0	31.5	30.7	33.6	109136.7	1082.8
Oct 17, 8:00 PM	108.4	31.2	30.0	33.6	108657.3	1081.3
Oct 17, 9:00 PM	108.6	31.5	31.0	33.7	109494.3	1084.0
Oct 17, 10:00 PM	109.3	31.7	30.4	33.7	109501.2	1088.3
Oct 17, 11:00 PM	107.3	31.5	31.1	33.6	110505.3	1097.3
Oct 18, 12:00 AM	110.3	32.1	30.2	33.9	109609.6	1085.1
Oct 18, 1:00 AM	110.6	32.7	30.9	33.8	111431.4	1082.9
Oct 18, 2:00 AM	109.7	32.9	30.7	33.8	113077.9	1078.3
Oct 18, 3:00 AM	108.8	32.3	30.1	33.2	111950.4	1074.5
Oct 18, 4:00 AM	109.1	32.2	30.7	33.3	111353.0	1077.4
Oct 18, 5:00 AM	107.6	31.6	30.4	33.6	110790.3	1073.1
Oct 18, 6:00 AM	109.3	32.1	30.3	33.8	110837.1	1072.9
Oct 18, 7:00 AM	108.5	31.4	29.5	34.0	109221.3	1073.1
Oct 18, 8:00 AM	108.7	31.6	30.5	33.4	109762.9	1075.5
Oct 18, 9:00 AM	107.6	31.4	30.0	33.4	110099.3	1073.1
Oct 18, 10:00 AM	106.6	31.6	30.6	34.3	111731.0	1077.6
Oct 18, 11:00 AM	106.6	32.0	30.5	34.7	113362.9	1077.3

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 18, 12:00 PM	107.0	32.3	31.3	34.6	113911.5	1083.5
Oct 18, 1:00 PM	105.9	27.6	31.7	33.3	98038.5	1090.3
Oct 18, 2:00 PM	107.2	31.3	31.3	34.1	110133.3	1086.8
Oct 18, 3:00 PM	107.1	31.0	32.3	34.4	109161.3	1091.5
Oct 18, 4:00 PM	105.7	30.2	31.2	33.5	107849.8	1087.2
Oct 18, 5:00 PM	106.7	30.4	31.8	33.2	107289.5	1087.3
Oct 18, 6:00 PM	108.5	30.0	31.2	33.5	104428.0	1087.5
Oct 18, 7:00 PM	109.4	29.7	31.9	33.7	102304.9	1100.0
Oct 18, 8:00 PM	109.3	30.3	32.1	33.6	104348.2	1088.6
Oct 18, 9:00 PM	107.7	29.9	31.0	33.2	104788.0	1087.3
Oct 18, 10:00 PM	105.8	29.5	31.5	33.2	105119.5	1096.1
Oct 18, 11:00 PM	108.5	29.9	30.4	33.0	103929.9	1086.8
Oct 19, 12:00 AM	108.4	30.4	30.8	33.3	105847.1	1083.5
Oct 19, 1:00 AM	108.9	30.9	30.8	33.7	106962.8	1086.9
Oct 19, 2:00 AM	108.2	31.2	30.1	33.7	108626.8	1088.2
Oct 19, 3:00 AM	107.7	31.2	30.6	33.5	109311.4	1083.3
Oct 19, 4:00 AM	108.4	32.0	30.4	33.9	111387.7	1080.1
Oct 19, 5:00 AM	108.0	31.6	30.1	33.7	110307.6	1075.7
Oct 19, 6:00 AM	109.5	32.1	30.5	34.0	110453.2	1080.7
Oct 19, 7:00 AM	107.4	31.9	30.7	34.0	111903.0	1084.3
Oct 19, 8:00 AM	108.7	32.2	30.9	33.6	111816.7	1082.0
Oct 19, 9:00 AM	107.3	32.2	30.3	33.6	113200.1	1072.1
Oct 19, 10:00 AM	107.0	32.4	31.3	34.1	114145.4	1075.0
Oct 19, 11:00 AM	106.3	32.9	30.8	34.4	116645.0	1080.7
Oct 19, 12:00 PM	106.7	32.9	31.1	34.9	116460.0	1102.5
Oct 19, 1:00 PM	108.5	33.1	31.6	34.6	115116.3	1092.9
Oct 19, 2:00 PM	107.9	33.5	31.3	34.9	117050.3	1086.1
Oct 19, 3:00 PM	107.7	33.4	32.7	34.8	117084.0	1092.7

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 19, 4:00 PM	108.5	33.8	31.8	34.6	117501.5	1095.4
Oct 19, 5:00 PM	107.4	33.4	32.0	34.5	117340.8	1085.8
Oct 19, 6:00 PM	107.4	33.1	31.4	35.0	116420.7	1088.5
Oct 19, 7:00 PM	109.3	33.0	31.0	34.3	113862.3	1080.7
Oct 19, 8:00 PM	109.5	32.7	31.5	33.8	112833.0	1082.1
Oct 19, 9:00 PM	109.0	32.5	31.1	34.2	112470.5	1085.2
Oct 19, 10:00 PM	110.3	33.1	31.4	34.3	112993.2	1093.1
Oct 19, 11:00 PM	109.6	33.0	31.8	34.5	113526.5	1098.2
Oct 20, 12:00 AM	109.8	33.4	30.5	34.5	114755.3	1085.1
Oct 20, 1:00 AM	109.1	33.7	31.2	34.3	116485.9	1083.5
Oct 20, 2:00 AM	109.7	34.2	30.2	34.3	117627.0	1078.9
Oct 20, 3:00 AM	110.2	34.3	31.1	34.7	117434.4	1089.2
Oct 20, 4:00 AM	109.4	34.6	30.9	34.9	119288.2	1094.6
Oct 20, 5:00 AM	109.6	34.7	30.5	34.3	119244.6	1078.3
Oct 20, 6:00 AM	110.4	35.1	30.5	34.4	119818.6	1081.3
Oct 20, 7:00 AM	111.3	35.9	31.3	35.5	121443.1	1092.3
Oct 20, 8:00 AM	111.7	35.9	31.4	34.8	121369.1	1090.3
Oct 20, 9:00 AM	110.1	36.0	31.8	35.7	123316.6	1094.0
Oct 20, 10:00 AM	110.5	36.5	31.1	35.4	124512.2	1092.2
Oct 20, 11:00 AM	108.4	36.9	30.7	35.9	128566.4	1088.0
Oct 20, 12:00 PM	111.6	38.6	31.0	35.5	130584.3	1083.4
Oct 20, 1:00 PM	111.9	38.6	31.7	35.8	130017.5	1090.9
Oct 20, 2:00 PM	112.0	39.0	32.0	36.5	131373.6	1091.5
Oct 20, 3:00 PM	111.1	38.3	31.7	35.5	130161.0	1084.8
Oct 20, 4:00 PM	113.9	38.3	30.8	35.4	126917.7	1094.8
Oct 20, 5:00 PM	118.5	38.1	30.7	34.8	121500.1	1100.5
Oct 20, 6:00 PM	112.7	38.5	31.3	35.5	129060.0	1086.4
Oct 20, 7:00 PM	110.3	34.9	31.3	34.8	119274.1	1087.8

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 20, 8:00 PM	112.7	37.7	31.4	35.3	126190.2	1085.3
Oct 20, 9:00 PM	111.9	37.8	31.3	35.6	127547.0	1086.3
Oct 20, 10:00 PM	111.4	37.6	31.8	35.8	127446.5	1091.6
Oct 20, 11:00 PM	112.7	38.5	31.4	35.6	128860.8	1090.8
Oct 21, 12:00 AM	111.4	38.6	31.5	35.5	130723.1	1085.9
Oct 21, 1:00 AM	112.0	38.4	31.4	35.8	129283.0	1095.0
Oct 21, 2:00 AM	110.4	38.0	31.1	35.6	129689.4	1082.5
Oct 21, 3:00 AM	112.1	38.3	31.1	35.5	128932.2	1085.7
Oct 21, 4:00 AM	110.0	38.2	31.1	35.6	131047.0	1094.7
Oct 21, 5:00 AM	111.4	38.3	30.6	35.6	129818.1	1073.3
Oct 21, 6:00 AM	112.2	38.3	30.8	35.5	128894.0	1079.0
Oct 21, 7:00 AM	112.0	38.6	30.9	36.1	130139.3	1082.9
Oct 21, 8:00 AM	111.1	38.3	31.1	35.6	129923.0	1080.6
Oct 21, 9:00 AM	109.9	38.8	30.9	35.8	133169.6	1076.5
Oct 21, 10:00 AM	111.3	39.3	31.4	35.9	133220.3	1080.7
Oct 21, 11:00 AM	115.0	41.3	33.2	37.2	135772.6	1101.9
Oct 21, 12:00 PM	112.3	41.3	32.5	37.5	138861.8	1095.2
Oct 21, 1:00 PM	127.7	42.4	31.1	35.8	125908.3	1113.6
Oct 21, 2:00 PM	137.3	42.4	30.1	35.3	117568.6	1123.2
Oct 21, 3:00 PM	144.9	42.0	29.0	34.1	109268.9	1128.0
Oct 21, 4:00 PM	144.5	40.0	28.9	33.8	104605.3	1139.4
Oct 21, 5:00 PM	152.0	40.2	29.2	32.9	100007.6	1141.2
Oct 21, 6:00 PM	140.1	39.1	28.6	33.0	105739.3	1124.0
Oct 21, 7:00 PM	119.3	37.8	30.2	34.1	120178.4	1105.7
Oct 21, 8:00 PM	113.5	38.3	31.7	34.7	127175.7	1086.3
Oct 21, 9:00 PM	112.2	37.9	32.0	35.0	127320.8	1094.3
Oct 21, 10:00 PM	112.2	38.1	30.9	35.0	127903.4	1085.5
Oct 21, 11:00 PM	110.9	38.2	31.2	34.8	130038.6	1082.2

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 22, 12:00 AM	110.5	38.5	30.4	35.0	131476.0	1076.6
Oct 22, 1:00 AM	110.8	37.9	31.2	34.5	129085.1	1082.1
Oct 22, 2:00 AM	111.4	38.1	31.4	34.6	129117.7	1078.5
Oct 22, 3:00 AM	111.3	37.6	30.4	34.7	127544.2	1079.4
Oct 22, 4:00 AM	109.1	36.7	30.8	35.0	126833.4	1093.6
Oct 22, 5:00 AM	111.6	36.9	31.2	34.9	124612.8	1084.9
Oct 22, 6:00 AM	110.7	36.9	31.6	35.1	125770.3	1088.2
Oct 22, 7:00 AM	112.1	38.3	31.6	35.2	128963.6	1083.5
Oct 22, 8:00 AM	110.6	37.8	30.9	35.0	128821.9	1082.9
Oct 22, 9:00 AM	109.6	37.6	31.4	35.7	129413.8	1085.5
Oct 22, 10:00 AM	111.6	38.4	32.0	36.0	129682.5	1090.0
Oct 22, 11:00 AM	109.4	38.9	32.7	35.9	133969.0	1086.7
Oct 22, 12:00 PM	110.9	40.0	31.4	36.1	136042.0	1079.5
Oct 22, 1:00 PM	111.6	39.7	30.8	35.5	134074.2	1081.1
Oct 22, 2:00 PM	111.6	39.5	32.0	35.7	133397.3	1079.3
Oct 22, 3:00 PM	112.9	39.1	32.2	35.9	130647.4	1096.1
Oct 22, 4:00 PM	112.0	39.0	31.8	35.7	131536.7	1094.4
Oct 22, 5:00 PM	113.1	39.1	32.8	35.7	130587.1	1104.2
Oct 22, 6:00 PM	110.7	36.5	31.8	34.7	124498.5	1094.5
Oct 22, 7:00 PM	111.9	36.7	32.4	35.2	123871.9	1103.2
Oct 22, 8:00 PM	112.3	38.4	32.4	35.4	128771.6	1093.6
Oct 22, 9:00 PM	112.5	37.9	32.5	35.4	126831.8	1103.7
Oct 22, 10:00 PM	114.5	38.3	32.9	35.6	126124.2	1104.5
Oct 22, 11:00 PM	113.4	38.9	33.0	35.9	129398.8	1106.2
Oct 23, 12:00 AM	112.7	39.0	32.6	35.8	130468.0	1107.2
Oct 23, 1:00 AM	113.3	39.2	32.5	35.2	130628.9	1101.6
Oct 23, 2:00 AM	112.7	39.2	32.6	35.6	131345.5	1099.6
Oct 23, 3:00 AM	113.1	39.1	31.6	35.7	130280.7	1092.9



O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 23, 4:00 AM	111.4	38.6	32.5	35.5	130687.1	1103.0
Oct 23, 5:00 AM	112.3	39.3	32.5	35.7	132168.9	1095.2
Oct 23, 6:00 AM	113.7	39.7	31.4	35.4	131903.5	1062.3
Oct 23, 7:00 AM	112.3					
Oct 23, 8:00 AM	113.4					
Oct 23, 9:00 AM	113.7					
Oct 23, 10:00 AM	112.8					
Oct 23, 11:00 AM	112.1	40.1	31.4	34.3	134077.6	1094.8
Oct 23, 12:00 PM	111.2	40.1	31.6	34.4	136127.0	1085.2
Oct 23, 1:00 PM	112.0	40.0	31.6	34.5	134762.2	1091.4
Oct 23, 2:00 PM	111.6	39.6	31.5	34.4	133765.3	1091.3
Oct 23, 3:00 PM	110.9	39.0	31.8	34.7	132634.3	1091.4
Oct 23, 4:00 PM	108.8	37.6	31.9	35.0	130263.5	1104.3
Oct 23, 5:00 PM	110.2	38.2	31.1	35.0	130837.3	1086.6
Oct 23, 6:00 PM	112.0	38.6	31.5	35.0	130024.6	1094.2
Oct 23, 7:00 PM	111.6	37.8	31.6	35.5	127773.3	1096.6
Oct 23, 8:00 PM	111.3	37.0	31.3	35.5	125185.0	1096.1
Oct 23, 9:00 PM	111.9	36.7	32.8	35.9	123673.6	1105.9
Oct 23, 10:00 PM	112.0	37.0	33.0	35.8	124629.9	1106.2
Oct 23, 11:00 PM	112.6	37.6	32.4	36.0	125783.5	1107.4
Oct 24, 12:00 AM	111.6	37.5	32.9	36.1	126857.3	1103.8
Oct 24, 1:00 AM	111.4	37.7	32.5	36.1	127721.2	1101.7
Oct 24, 2:00 AM	111.2	37.6	31.9	36.3	127593.8	1098.0
Oct 24, 3:00 AM	111.3	38.1	31.7	35.9	129235.3	1093.6
Oct 24, 4:00 AM	112.2	38.4	32.0	36.3	129142.4	1097.5
Oct 24, 5:00 AM	111.1	37.6	31.4	35.5	127537.7	1091.3
Oct 24, 6:00 AM	112.1	38.3	31.8	36.0	129034.0	1091.2
Oct 24, 7:00 AM	112.1	38.1	32.1	36.1	128315.5	1093.7

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 24, 8:00 AM	112.0	38.4	32.2	36.6	129248.7	1091.0
Oct 24, 9:00 AM	110.8	38.2	32.3	36.0	130007.7	1084.4
Oct 24, 10:00 AM	111.1	39.4	31.8	36.3	133788.0	1084.5
Oct 24, 11:00 AM	110.5	39.4	32.3	37.2	134454.7	1085.3
Oct 24, 12:00 PM	112.7	40.6	31.9	37.2	135843.8	1090.3
Oct 24, 1:00 PM	110.9	39.6	32.4	37.7	134382.4	1095.1
Oct 24, 2:00 PM	110.5	39.5	31.3	37.1	134902.2	1098.9
Oct 24, 3:00 PM	112.1	39.9	32.1	37.1	134251.7	1093.8
Oct 24, 4:00 PM	111.3	39.3	32.5	36.6	132978.2	1094.1
Oct 24, 5:00 PM	111.2	38.7	31.7	36.3	131371.9	1089.0
Oct 24, 6:00 PM	112.8	39.2	31.7	36.3	130945.4	1088.5
Oct 24, 7:00 PM	113.0	38.7	31.9	36.3	129054.1	1092.6
Oct 24, 8:00 PM	113.0	38.4	31.6	36.4	128210.7	1089.2
Oct 24, 9:00 PM	113.4	38.6	31.9	36.5	128254.2	1094.9
Oct 24, 10:00 PM	113.8	38.6	32.1	36.5	127883.6	1101.0
Oct 24, 11:00 PM	114.2	39.0	31.5	36.9	128936.6	1097.1
Oct 25, 12:00 AM	114.4	39.0	32.1	36.6	128747.9	1100.7
Oct 25, 1:00 AM	114.1	39.2	32.7	37.1	129484.3	1105.7
Oct 25, 2:00 AM	113.3	38.9	32.4	36.8	129372.8	1096.8
Oct 25, 3:00 AM	111.8	38.6	31.4	36.0	130227.1	1087.5
Oct 25, 4:00 AM	113.0	38.5	32.1	36.6	128575.0	1088.7
Oct 25, 5:00 AM	113.2	38.7	32.0	36.5	129047.0	1091.0
Oct 25, 6:00 AM	113.5	39.1	32.1	36.4	129867.7	1089.4
Oct 25, 7:00 AM	113.7	38.6	32.5	36.7	128077.9	1099.0
Oct 25, 8:00 AM	114.3	39.4	32.9	37.5	129973.8	1101.2
Oct 25, 9:00 AM	114.5	39.5	32.4	37.3	130082.8	1097.6
Oct 25, 10:00 AM	110.9	34.7	33.2	36.6	117182.5	1106.1
Oct 25, 11:00 AM	112.5	34.4	33.6	36.0	115034.6	1111.0

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 25, 12:00 PM	113.8	40.0	32.7	37.4	132484.3	1096.2
Oct 25, 1:00 PM	112.4	39.8	32.2	36.8	133349.5	1100.2
Oct 25, 2:00 PM	114.1	40.5	32.7	36.9	134016.2	1098.6
Oct 25, 3:00 PM	112.1	39.9	31.7	36.6	134380.3	1091.2
Oct 25, 4:00 PM	111.7	39.5	31.8	36.4	133476.8	1096.7
Oct 25, 5:00 PM	112.4	39.8	31.8	36.0	133382.1	1087.8
Oct 25, 6:00 PM	110.5	39.0	31.4	35.7	133235.6	1082.6
Oct 25, 7:00 PM	110.3	38.6	30.4	35.2	132092.8	1070.1
Oct 25, 8:00 PM	112.1	38.2	32.1	35.5	128553.2	1096.6
Oct 25, 9:00 PM	110.5	37.8	30.8	34.7	129013.1	1080.5
Oct 25, 10:00 PM	112.9	38.7	32.3	34.7	129116.5	1089.7
Oct 25, 11:00 PM	113.0	38.5	32.2	35.5	128295.5	1098.5
Oct 26, 12:00 AM	110.7	38.0	31.3	36.2	129313.2	1091.7
Oct 26, 1:00 AM	112.3	38.8	31.6	36.4	130312.8	1095.4
Oct 26, 2:00 AM	113.7	39.2	33.2	37.3	130027.6	1117.1
Oct 26, 3:00 AM	111.6	38.6	32.1	37.0	130581.0	1100.8
Oct 26, 4:00 AM	110.5	38.1	32.3	36.7	130094.2	1104.4
Oct 26, 5:00 AM	111.9	38.8	31.1	36.3	130743.8	1091.3
Oct 26, 6:00 AM	112.4	38.6	32.0	36.5	129593.8	1087.7
Oct 26, 7:00 AM	111.9	38.4	31.4	35.8	129380.1	1088.8
Oct 26, 8:00 AM	110.8	38.4	31.3	36.5	130600.1	1088.0
Oct 26, 9:00 AM	110.7	38.4	31.6	36.2	130923.3	1091.8
Oct 26, 10:00 AM	110.8	38.3	31.9	36.1	130365.0	1092.0
Oct 26, 11:00 AM	110.9	39.2	31.9	36.5	133385.2	1089.3
Oct 26, 12:00 PM	111.1	39.4	31.5	36.9	133654.0	1087.1
Oct 26, 1:00 PM	110.9	38.6	31.9	37.0	131355.7	1093.4
Oct 26, 2:00 PM	110.4	38.5	31.4	36.8	131598.0	1091.2
Oct 26, 3:00 PM	110.5	38.8	31.7	36.8	132493.2	1087.6

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 26, 4:00 PM	108.3	37.8	31.8	36.9	131646.2	1103.5
Oct 26, 5:00 PM	110.3	38.2	31.7	36.7	130648.3	1092.1
Oct 26, 6:00 PM	111.9	38.5	31.7	36.3	129571.3	1093.0
Oct 26, 7:00 PM	111.6	38.5	31.0	36.7	129971.9	1091.1
Oct 26, 8:00 PM	111.3	39.0	30.3	35.6	132154.5	1076.9
Oct 26, 9:00 PM	111.6	38.9	30.9	36.2	131491.8	1086.8
Oct 26, 10:00 PM	111.8	39.4	31.2	36.2	132840.5	1083.2
Oct 26, 11:00 PM	113.2	40.0	30.6	36.4	133156.9	1082.0
Oct 27, 12:00 AM	113.2	40.2	31.4	36.5	134063.1	1083.3
Oct 27, 1:00 AM	112.9	40.3	31.0	36.5	134585.8	1086.9
Oct 27, 2:00 AM	112.8	40.5	30.5	36.2	135348.7	1082.1
Oct 27, 3:00 AM	113.3	40.5	31.1	36.4	134929.9	1079.9
Oct 27, 4:00 AM	110.6	39.6	28.8	35.5	135097.4	1054.7
Oct 27, 5:00 AM	115.3	40.4	31.0	36.2	132200.8	1085.5
Oct 27, 6:00 AM	113.4	40.5	31.0	36.5	134647.1	1081.5
Oct 27, 7:00 AM	112.6	40.5	30.3	36.3	135636.5	1078.1
Oct 27, 8:00 AM	111.9	40.3	30.0	36.0	135808.5	1069.9
Oct 27, 9:00 AM	111.6	40.2	30.2	35.4	135791.3	1063.8
Oct 27, 10:00 AM	109.4	39.4	29.3	34.9	135998.3	1056.6
Oct 27, 11:00 AM	103.4	20.6	32.5	31.6	73422.6	1102.7
Oct 27, 12:00 PM	94.5	5.5	32.0	25.7	21831.4	1105.2
Oct 27, 1:00 PM	92.6	3.9	28.5	22.1	15644.8	1077.1
Oct 27, 2:00 PM	117.8	11.8	22.6	24.3	37359.4	855.1
Oct 27, 3:00 PM	128.7	12.6	26.9	26.1	36725.5	877.0
Oct 27, 4:00 PM	125.9	10.4	25.2	23.9	31089.4	848.6
Oct 27, 5:00 PM	127.5	9.7	24.7	22.5	28515.1	849.0
Oct 27, 6:00 PM	127.0	10.1	23.6	22.7	29820.3	837.9
Oct 27, 7:00 PM	127.0	8.9	23.7	21.7	26368.3	840.5

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 27, 8:00 PM	126.2	8.6	23.3	21.3	25541.3	837.5
Oct 27, 9:00 PM	126.3	8.3	22.5	20.8	24752.3	832.2
Oct 27, 10:00 PM	129.9	15.5	22.5	23.7	44703.6	827.7
Oct 27, 11:00 PM	129.2	21.3	21.1	25.6	62195.9	809.7
Oct 28, 12:00 AM	130.6	21.7	20.9	25.4	62465.6	812.2
Oct 28, 1:00 AM	129.6	21.6	20.6	25.3	62972.0	803.6
Oct 28, 2:00 AM	129.0	21.6	19.9	24.9	63040.7	795.6
Oct 28, 3:00 AM	129.4	21.8	19.7	24.9	63539.8	794.7
Oct 28, 4:00 AM	131.5	23.3	21.3	25.9	66648.9	820.5
Oct 28, 5:00 AM	133.9	23.9	22.8	27.1	67252.9	837.3
Oct 28, 6:00 AM	134.2	24.0	23.0	27.3	67384.0	839.8
Oct 28, 7:00 AM	133.6	25.0	23.2	27.5	70439.3	834.6
Oct 28, 8:00 AM	136.5	25.3	23.3	27.1	69958.6	844.2
Oct 28, 9:00 AM	115.4	24.4	26.7	29.6	80561.2	974.9
Oct 28, 10:00 AM	107.4	25.5	29.3	31.2	89411.4	1066.8
Oct 28, 11:00 AM	106.1	25.7	30.3	32.1	91420.6	1076.1
Oct 28, 12:00 PM	106.8	26.4	30.2	32.0	93163.9	1074.0
Oct 28, 1:00 PM	106.8	26.7	30.6	32.1	94247.9	1081.4
Oct 28, 2:00 PM	107.7	28.4	32.4	33.0	99551.3	1103.8
Oct 28, 3:00 PM	109.8	29.1	32.9	33.4	99824.3	1102.6
Oct 28, 4:00 PM	108.2	29.6	31.9	32.3	103175.1	1087.4
Oct 28, 5:00 PM	111.3	30.1	31.5	32.4	102008.4	1099.2
Oct 28, 6:00 PM	111.1	30.9	32.4	33.1	104985.1	1105.0
Oct 28, 7:00 PM	112.5	33.1	31.4	33.1	110901.5	1093.0
Oct 28, 8:00 PM	116.0	35.0	35.1	34.5	113740.0	1141.0
Oct 28, 9:00 PM	113.1	36.5	31.1	33.8	121641.3	1075.2
Oct 28, 10:00 PM	115.6	37.8	32.1	34.6	123282.2	1101.6
Oct 28, 11:00 PM	115.4	37.7	33.0	35.0	123156.3	1107.5

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 29, 12:00 AM	115.3	37.9	32.8	34.9	124046.4	1106.8
Oct 29, 1:00 AM	114.7	38.0	32.7	35.1	124869.0	1102.6
Oct 29, 2:00 AM	115.2	38.4	32.5	35.2	125651.5	1104.0
Oct 29, 3:00 AM	114.7	38.7	32.7	35.6	127287.9	1104.2
Oct 29, 4:00 AM	113.7	38.9	33.2	35.9	128906.1	1120.9
Oct 29, 5:00 AM	114.0	37.3	33.6	35.6	123386.8	1118.0
Oct 29, 6:00 AM	115.0	37.6	33.6	36.0	123272.1	1117.2
Oct 29, 7:00 AM	103.1	36.6	24.5	32.6	133892.1	996.7
Oct 29, 8:00 AM	101.5	36.6	20.7	31.0	135911.0	952.2
Oct 29, 9:00 AM	101.6	37.1	21.4	30.4	137453.0	950.5
Oct 29, 10:00 AM	99.9	36.0	20.1	29.8	135849.6	939.0
Oct 29, 11:00 AM	99.8	36.1	19.9	30.2	136484.2	937.2
Oct 29, 12:00 PM	100.4	36.4	19.8	30.4	136556.4	938.5
Oct 29, 1:00 PM	103.0	37.3	20.2	30.2	136630.9	942.6
Oct 29, 2:00 PM	115.5	37.7	20.5	30.1	123180.1	986.4
Oct 29, 3:00 PM	117.8	38.1	20.7	30.9	122107.7	994.2
Oct 29, 4:00 PM	113.4	36.7	20.2	30.8	122114.2	976.4
Oct 29, 5:00 PM	109.9	37.0	20.7	30.6	126998.3	962.9
Oct 29, 6:00 PM	106.8	36.5	19.9	30.5	128922.0	954.1
Oct 29, 7:00 PM	106.0	36.1	25.8	32.0	129559.8	1014.4
Oct 29, 8:00 PM	99.9	35.4	18.7	29.2	133804.6	914.5
Oct 29, 9:00 PM	102.0	36.1	19.9	29.3	133518.2	932.5
Oct 29, 10:00 PM	99.7	36.8	19.1	29.1	139073.5	919.7
Oct 29, 11:00 PM	100.8	37.0	19.0	29.2	138526.9	926.2
Oct 30, 12:00 AM	100.7	37.1	19.8	29.2	138960.5	932.9
Oct 30, 1:00 AM	100.3	37.5	19.2	29.1	141183.8	921.1
Oct 30, 2:00 AM	101.8	37.9	20.3	29.5	140418.9	938.5
Oct 30, 3:00 AM	100.7	37.8	20.0	29.5	141759.8	937.2

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 30, 4:00 AM	100.9	37.8	20.9	29.8	141165.0	949.1
Oct 30, 5:00 AM	100.4	38.0	20.3	29.4	142798.0	932.1
Oct 30, 6:00 AM	99.9	38.7	19.4	29.2	145890.5	753.4
Oct 30, 7:00 AM	100.0					
Oct 30, 8:00 AM	99.4					
Oct 30, 9:00 AM	98.4					
Oct 30, 10:00 AM	114.5					
Oct 30, 11:00 AM	122.1	40.2	16.5	25.9	124030.6	764.5
Oct 30, 12:00 PM	124.0	40.8	16.6	26.3	124055.5	771.5
Oct 30, 1:00 PM	105.9	39.9	20.1	29.6	142639.3	912.2
Oct 30, 2:00 PM	107.5	40.9	20.9	30.6	143721.5	960.0
Oct 30, 3:00 PM	109.6	40.9	21.3	30.6	140969.6	967.7
Oct 30, 4:00 PM	108.8	42.1	20.8	31.0	146141.2	960.4
Oct 30, 5:00 PM	104.4	43.1	20.4	30.9	155975.8	939.9
Oct 30, 6:00 PM	102.6	43.8	20.6	31.0	161283.7	931.5
Oct 30, 7:00 PM	103.6	44.9	21.0	31.1	163672.6	933.9
Oct 30, 8:00 PM	101.4	44.9	21.1	31.6	167043.7	930.0
Oct 30, 9:00 PM	103.3	45.4	20.1	31.0	165911.3	925.5
Oct 30, 10:00 PM	103.9	45.7	22.1	31.4	165817.4	945.2
Oct 30, 11:00 PM	103.9	45.7	22.2	31.9	166048.1	956.0
Oct 31, 12:00 AM	103.3	45.8	21.1	31.4	167417.5	930.2
Oct 31, 1:00 AM	102.1	45.1	20.8	31.3	166758.8	929.8
Oct 31, 2:00 AM	102.3	45.1	20.4	31.0	166238.6	929.7
Oct 31, 3:00 AM	103.2	45.5	20.8	31.1	166418.3	932.6
Oct 31, 4:00 AM	102.9	45.4	20.8	31.3	166473.3	939.3
Oct 31, 5:00 AM	103.0	45.4	20.8	31.0	166232.5	939.4
Oct 31, 6:00 AM	102.6	45.3	20.4	30.5	166512.8	932.3
Oct 31, 7:00 AM	101.7	45.1	20.4	30.7	167320.2	926.1

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 31, 8:00 AM	102.1	45.6	19.8	31.1	168518.2	921.3
Oct 31, 9:00 AM	101.5	45.3	20.7	31.2	168622.9	934.6
Oct 31, 10:00 AM	100.2	45.7	20.3	31.4	172023.7	922.5
Oct 31, 11:00 AM	101.0	45.8	19.7	30.9	171007.9	910.4
Oct 31, 12:00 PM	100.2	45.3	19.8	31.4	170753.2	913.4
Oct 31, 1:00 PM	101.9	46.1	20.0	31.7	170362.3	918.3
Oct 31, 2:00 PM	101.9	46.0	20.6	32.4	170329.0	926.8
Oct 31, 3:00 PM	104.7	48.0	21.5	32.9	172868.7	935.0
Oct 31, 4:00 PM	104.8	48.3	21.7	33.4	174049.3	936.4
Oct 31, 5:00 PM	108.2	53.5	22.9	34.8	185463.4	942.6
Oct 31, 6:00 PM	105.0	51.1	27.1	39.1	183532.2	960.6
Oct 31, 7:00 PM	100.9	38.7	24.1	33.3	142408.5	946.0
Oct 31, 8:00 PM	104.0	49.4	22.2	34.7	179405.1	938.2
Oct 31, 9:00 PM	103.4	48.5	22.4	34.4	176948.5	944.3
Oct 31, 10:00 PM	100.7	47.2	19.5	33.0	176770.8	910.2
Oct 31, 11:00 PM	103.4	47.4	20.7	33.0	173019.0	932.7
Nov 1, 12:00 AM	101.3	47.1	19.0	32.5	175350.2	915.4
Nov 1, 1:00 AM	100.9	46.6	19.0	32.3	174054.1	911.2
Nov 1, 2:00 AM	101.2	45.6	18.7	31.7	170204.4	912.3
Nov 1, 3:00 AM	101.6	45.9	18.7	31.4	170261.3	915.5
Nov 1, 4:00 AM	100.8	45.4	18.1	30.6	169742.6	915.3
Nov 1, 5:00 AM	99.6	45.2	17.7	30.3	171196.4	908.8
Nov 1, 6:00 AM	99.8	44.8	17.8	29.8	169148.2	909.3
Nov 1, 7:00 AM	100.3	45.5	16.8	29.6	171205.7	905.8
Nov 1, 8:00 AM	100.4	45.4	17.2	29.4	170495.3	902.3
Nov 1, 9:00 AM	100.7	45.9	17.3	29.7	172148.1	908.2
Nov 1, 10:00 AM	100.3	45.9	18.7	30.2	172545.9	918.9
Nov 1, 11:00 AM	100.5	46.0	18.8	30.1	172862.7	922.9



O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 1, 12:00 PM	99.0	45.8	18.4	29.8	174371.2	914.8
Nov 1, 1:00 PM	98.7	45.7	17.2	29.9	174877.5	911.0
Nov 1, 2:00 PM	99.8	46.1	18.4	30.5	174238.0	918.0
Nov 1, 3:00 PM	99.8	45.4	18.1	30.3	171725.9	925.2
Nov 1, 4:00 PM	98.6	45.1	17.7	30.0	172494.5	912.8
Nov 1, 5:00 PM	99.5	45.1	17.7	29.8	171098.3	915.7
Nov 1, 6:00 PM	99.3	45.0	18.0	29.7	170727.6	918.0
Nov 1, 7:00 PM	98.8	44.2	16.5	29.4	168802.7	913.9
Nov 1, 8:00 PM	100.0	45.1	18.6	30.0	170027.7	921.5
Nov 1, 9:00 PM	99.8	45.2	18.4	30.4	170913.1	923.0
Nov 1, 10:00 PM	100.0	45.4	17.2	30.1	171249.5	917.9
Nov 1, 11:00 PM	97.8	44.7	17.3	29.7	172566.6	908.0
Nov 2, 12:00 AM	99.0	45.1	16.7	29.4	171911.9	903.5
Nov 2, 1:00 AM	99.4	45.2	16.9	29.8	171557.8	903.7
Nov 2, 2:00 AM	100.4	45.5	17.8	29.9	170844.4	912.2
Nov 2, 3:00 AM	101.8	46.0	17.8	29.9	170384.9	913.3
Nov 2, 4:00 AM	103.0	46.5	19.3	31.1	170362.5	933.2
Nov 2, 5:00 AM	102.9	46.3	19.7	31.2	169503.6	938.4
Nov 2, 6:00 AM	102.6	46.0	19.1	31.0	169158.8	935.9
Nov 2, 7:00 AM	100.5	45.8	17.6	30.6	171967.0	914.7
Nov 2, 8:00 AM	99.7	45.8	16.5	29.3	173383.8	892.4
Nov 2, 9:00 AM	100.9	45.8	17.8	29.7	171284.0	910.1
Nov 2, 10:00 AM	99.8	45.5	17.8	29.4	172215.0	910.5
Nov 2, 11:00 AM	177.8	60.3	55.6	44.5	149209.6	1347.9
Nov 2, 12:00 PM	98.6	45.3	22.9	31.6	173329.6	925.1
Nov 2, 1:00 PM	96.2	44.7	19.2	30.4	175188.4	898.0
Nov 2, 2:00 PM	97.2	45.3	19.1	30.5	175944.7	894.8
Nov 2, 3:00 PM	97.4	45.8	18.9	29.9	177280.3	893.9

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 2, 4:00 PM	96.9	45.5	17.9	30.0	177017.7	885.9
Nov 2, 5:00 PM	98.0	44.9	17.8	29.1	172815.2	887.2
Nov 2, 6:00 PM	98.1	45.5	16.5	28.8	175080.7	886.7
Nov 2, 7:00 PM	98.4	45.6	16.2	28.5	174669.5	885.2
Nov 2, 8:00 PM	98.2	44.8	15.7	28.4	172224.2	883.8
Nov 2, 9:00 PM	99.2	45.1	15.7	28.6	171494.6	887.2
Nov 2, 10:00 PM	99.0	45.3	16.5	28.6	172512.4	891.5
Nov 2, 11:00 PM	99.5	45.7	16.7	28.7	173138.2	891.1
Nov 3, 12:00 AM	100.4	46.0	18.0	29.4	172609.8	911.4
Nov 3, 1:00 AM	100.0	46.3	17.2	29.8	174824.0	898.6
Nov 3, 1:00 AM	100.6	46.5	17.1	29.9	174273.8	898.9
Nov 3, 2:00 AM	99.3	46.1	16.5	29.3	175174.6	892.1
Nov 3, 3:00 AM	100.3	46.6	16.0	29.1	175308.4	888.4
Nov 3, 4:00 AM	99.8	46.4	16.0	29.1	175453.2	886.3
Nov 3, 5:00 AM	99.9	46.2	16.3	29.2	174343.2	893.2
Nov 3, 6:00 AM	100.0	46.2	16.1	29.3	174185.4	893.9
Nov 3, 7:00 AM	98.9	45.9	15.5	28.8	175298.8	882.3
Nov 3, 8:00 AM	99.3	45.5	17.2	29.5	172743.9	900.4
Nov 3, 9:00 AM	98.9	45.2	16.9	29.5	172537.1	893.3
Nov 3, 10:00 AM	99.2	45.5	17.7	29.7	173034.0	890.0
Nov 3, 11:00 AM	97.4	45.2	17.6	30.5	174941.6	891.7
Nov 3, 12:00 PM	97.4	45.8	17.6	30.2	177434.0	887.1
Nov 3, 1:00 PM	97.7	46.0	17.1	30.9	177661.0	890.3
Nov 3, 2:00 PM	98.3	46.5	17.6	31.0	178459.2	885.6
Nov 3, 3:00 PM	98.5	45.9	17.1	30.9	175598.9	892.9
Nov 3, 4:00 PM	99.3	44.9	16.8	30.1	171428.0	892.2
Nov 3, 5:00 PM	97.2	44.3	15.9	29.8	172145.0	881.4
Nov 3, 6:00 PM	98.0	43.5	16.8	29.6	167427.0	890.7

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 3, 7:00 PM	102.6	45.2	17.6	29.9	166062.3	883.2
Nov 3, 8:00 PM	99.2	43.5	16.7	29.4	165482.5	899.6
Nov 3, 9:00 PM	99.7	43.8	16.7	29.3	165486.2	895.0
Nov 3, 10:00 PM	98.8	43.3	15.4	28.7	165313.1	891.0
Nov 3, 11:00 PM	99.9	43.3	16.5	29.1	163685.3	894.1
Nov 4, 12:00 AM	99.3	44.3	16.0	29.5	168289.8	895.0
Nov 4, 1:00 AM	99.5	44.7	17.2	29.6	169730.0	897.7
Nov 4, 2:00 AM	99.2	45.2	16.8	29.5	171947.2	899.5
Nov 4, 3:00 AM	98.4	45.1	16.8	29.9	172821.5	892.5
Nov 4, 4:00 AM	98.3	44.8	16.4	30.5	172115.2	893.5
Nov 4, 5:00 AM	98.6	44.4	16.1	29.9	169838.2	891.1
Nov 4, 6:00 AM	98.3	44.0	17.5	30.6	168904.3	898.3
Nov 4, 7:00 AM	98.8	44.0	16.7	30.9	167886.3	897.3
Nov 4, 8:00 AM	98.2	43.5	16.8	30.2	167003.7	892.0
Nov 4, 9:00 AM	99.0	43.6	15.8	30.0	166195.9	890.9
Nov 4, 10:00 AM	98.5	43.1	16.6	30.2	165182.8	890.5
Nov 4, 11:00 AM	98.0	43.5	16.8	30.4	167335.3	891.0
Nov 4, 12:00 PM	97.4	44.1	17.3	31.3	170561.4	891.4
Nov 4, 1:00 PM	99.0	45.4	17.6	32.0	173007.8	894.9
Nov 4, 2:00 PM	99.4	45.2	18.0	32.1	171468.5	897.1
Nov 4, 3:00 PM	98.5	44.9	17.8	32.0	172161.3	898.8
Nov 4, 4:00 PM	99.9	45.6	18.7	32.8	172293.9	895.8
Nov 4, 5:00 PM	99.7	45.4	18.2	32.0	171684.7	891.0
Nov 4, 6:00 PM	101.3	46.7	17.9	32.7	173613.1	891.0
Nov 4, 7:00 PM	101.2	44.0	17.7	31.3	163838.7	870.4
Nov 4, 8:00 PM	99.7	43.5	17.6	31.5	164508.3	899.5
Nov 4, 9:00 PM	87.8	14.8	19.3	24.1	60186.9	930.5
Nov 4, 10:00 PM	84.8	4.3	18.4	18.8	19072.2	948.6

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 4, 11:00 PM	94.3	25.2	17.4	25.4	96650.4	925.5
Nov 5, 12:00 AM	100.6	44.8	17.9	31.3	167883.1	903.3
Nov 5, 1:00 AM	99.4	44.4	17.5	30.8	168526.2	898.3
Nov 5, 2:00 AM	101.0	44.9	18.7	31.1	167896.3	902.1
Nov 5, 3:00 AM	101.0	45.4	19.3	32.0	169355.2	914.6
Nov 5, 4:00 AM	100.7	45.1	18.5	31.8	169138.6	905.2
Nov 5, 5:00 AM	100.3	45.2	17.4	31.5	169967.1	897.0
Nov 5, 6:00 AM	100.2	45.6	18.0	31.3	171569.4	897.1
Nov 5, 7:00 AM	102.7	46.8	18.3	31.7	171667.7	892.4
Nov 5, 8:00 AM	99.9	45.0	18.4	31.9	170041.0	895.5
Nov 5, 9:00 AM	100.9	45.2	18.3	31.9	169013.2	901.1
Nov 5, 10:00 AM	98.2	45.0	18.4	32.3	173078.3	894.9
Nov 5, 11:00 AM	99.5	45.7	18.5	32.4	173367.0	895.3
Nov 5, 12:00 PM	100.1	46.3	18.6	32.7	174509.3	896.4
Nov 5, 1:00 PM	99.5	45.7	18.5	32.7	173319.3	895.8
Nov 5, 2:00 PM	100.4	46.4	18.1	32.9	174129.7	885.9
Nov 5, 3:00 PM	100.5	46.0	18.3	32.8	172704.6	889.2
Nov 5, 4:00 PM	101.2	45.9	18.7	32.6	170918.8	880.2
Nov 5, 5:00 PM	99.4	44.1	18.3	32.5	167353.2	889.2
Nov 5, 6:00 PM	99.9	44.8	18.1	32.4	169150.3	886.4
Nov 5, 7:00 PM	100.1	44.9	18.4	32.7	169358.6	891.1
Nov 5, 8:00 PM	99.7	44.5	18.8	32.8	168241.0	896.1
Nov 5, 9:00 PM	100.4	45.4	18.3	32.7	170669.9	891.7
Nov 5, 10:00 PM	100.1	45.1	18.4	32.6	170158.4	894.3
Nov 5, 11:00 PM	100.8	45.8	17.9	32.2	171272.1	888.4
Nov 6, 12:00 AM	100.4	45.0	17.6	32.4	169273.8	887.9
Nov 6, 1:00 AM	100.0	45.3	17.7	32.2	170976.3	885.9
Nov 6, 2:00 AM	99.8	44.4	17.2	31.3	167845.8	886.9

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 6, 3:00 AM	98.9	43.4	16.8	30.9	165739.0	889.7
Nov 6, 4:00 AM	100.5	43.2	17.9	30.9	162029.6	895.7
Nov 6, 5:00 AM	98.5	42.0	17.8	30.5	160808.1	902.2
Nov 6, 6:00 AM	99.7	42.9	16.5	30.2	162926.5	559.2
Nov 6, 7:00 AM	100.5					
Nov 6, 8:00 AM	100.2					
Nov 6, 9:00 AM	99.1					
Nov 6, 10:00 AM	100.1					
Nov 6, 11:00 AM	99.3					
Nov 6, 12:00 PM	99.1					
Nov 6, 1:00 PM	99.4	46.2	17.9	30.6	175339.2	896.2
Nov 6, 2:00 PM	99.9	46.6	18.2	31.1	175912.0	898.0
Nov 6, 3:00 PM	98.7	44.6	18.1	31.3	170473.5	894.7
Nov 6, 4:00 PM	97.7	44.0	17.5	30.5	170030.5	888.5
Nov 6, 5:00 PM	98.6	43.3	17.0	29.7	165613.1	890.2
Nov 6, 6:00 PM	98.6	42.1	17.6	29.3	161244.2	902.2
Nov 6, 7:00 PM	98.5	42.6	16.6	29.1	163362.8	886.7
Nov 6, 8:00 PM	98.8	42.3	17.0	28.8	161368.1	900.7
Nov 6, 9:00 PM	98.3	42.5	16.8	28.6	163207.4	894.7
Nov 6, 10:00 PM	98.2	42.4	16.5	28.4	162887.1	896.6
Nov 6, 11:00 PM	98.7	42.3	16.7	28.5	161712.8	902.0
Nov 7, 12:00 AM	98.3	42.9	16.0	28.1	164801.5	891.2
Nov 7, 1:00 AM	98.6	42.9	16.6	29.0	164291.1	903.1
Nov 7, 2:00 AM	97.3	42.9	15.7	28.1	166343.7	891.4
Nov 7, 3:00 AM	97.8	42.7	15.6	28.4	164727.9	897.9
Nov 7, 4:00 AM	97.5	42.5	15.7	28.4	164395.1	895.9
Nov 7, 5:00 AM	96.5	41.7	15.7	28.2	162975.6	896.5
Nov 7, 6:00 AM	97.5	42.0	15.8	28.4	162538.8	893.7

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 7, 7:00 AM	89.6	34.4	12.7	26.2	143514.9	866.7
Nov 7, 8:00 AM	90.1	40.5	7.7	24.3	169653.6	791.1
Nov 7, 9:00 AM	90.9	41.9	8.0	24.1	173783.7	784.9
Nov 7, 10:00 AM	89.3	41.3	7.4	24.2	174285.9	781.8
Nov 7, 11:00 AM	155.9	50.6	33.7	34.1	158071.1	1061.4
Nov 7, 12:00 PM	88.7	40.1	16.7	29.0	170653.4	856.7
Nov 7, 1:00 PM	88.1	39.3	12.7	27.3	168221.0	819.4
Nov 7, 2:00 PM	86.9	38.3	10.6	26.3	166196.2	796.9
Nov 7, 3:00 PM	87.6	37.2	9.9	25.9	160133.1	790.3
Nov 7, 4:00 PM	85.8	35.4	8.7	25.5	155788.7	783.6
Nov 7, 5:00 PM	87.2	35.2	7.7	24.9	152135.0	775.9
Nov 7, 6:00 PM	95.4	35.6	17.9	27.9	141295.1	879.3
Nov 7, 7:00 PM	87.4	34.2	9.3	25.1	147855.9	798.5
Nov 7, 8:00 PM	86.5	34.5	7.2	23.6	150395.6	772.7
Nov 7, 9:00 PM	87.4	35.6	7.2	23.3	153609.0	771.3
Nov 7, 10:00 PM	86.3	35.6	6.3	23.5	155759.6	765.3
Nov 7, 11:00 PM	87.1	36.1	6.2	23.5	156330.7	765.1
Nov 8, 12:00 AM	86.1	35.6	5.9	23.5	155743.1	762.0
Nov 8, 1:00 AM	87.6	35.8	5.6	23.1	154048.3	763.7
Nov 8, 2:00 AM	86.6	35.6	5.8	22.7	155010.2	760.5
Nov 8, 3:00 AM	88.5	36.8	5.4	23.1	156967.9	761.3
Nov 8, 4:00 AM	88.1	37.3	5.9	22.8	159586.6	759.2
Nov 8, 5:00 AM	89.1	38.4	5.3	22.9	162638.5	759.8
Nov 8, 6:00 AM	87.5	37.8	5.7	23.2	163188.0	759.7
Nov 8, 7:00 AM	92.5	41.1	7.4	24.1	167515.2	753.7
Nov 8, 8:00 AM	87.2	37.1	6.1	23.3	160441.2	753.3
Nov 8, 9:00 AM	86.9	37.1	5.6	23.7	160799.8	752.7
Nov 8, 10:00 AM	86.6	36.7	5.9	23.9	160083.5	756.9

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 8, 11:00 AM	87.0	36.4	5.8	23.8	157887.3	751.3
Nov 8, 12:00 PM	87.0					
Nov 8, 1:00 PM	86.5					
Nov 8, 2:00 PM	86.2					
Nov 8, 3:00 PM	85.5					
Nov 8, 4:00 PM	86.0	32.8	5.5	23.0	143647.3	758.3
Nov 8, 5:00 PM	84.3	32.0	4.8	21.7	143444.5	759.9
Nov 8, 6:00 PM	86.6	33.1	4.4	22.2	144205.8	756.1
Nov 8, 7:00 PM	86.2	32.6	4.8	21.9	142833.2	755.1
Nov 8, 8:00 PM	84.8	31.8	5.0	21.6	141463.7	756.6
Nov 8, 9:00 PM	84.9	31.8	4.5	22.0	141182.2	756.4
Nov 8, 10:00 PM	83.0	31.0	4.4	21.6	141072.1	755.4
Nov 8, 11:00 PM	84.4	31.2	4.7	21.7	139264.9	755.3
Nov 9, 12:00 AM	83.9	30.8	4.7	21.6	138310.9	759.3
Nov 9, 1:00 AM	84.1	30.4	4.6	21.2	136124.2	758.5
Nov 9, 2:00 AM	84.8	30.5	4.3	21.4	135823.9	757.6
Nov 9, 3:00 AM	84.5	30.5	4.8	21.4	136127.7	756.3
Nov 9, 4:00 AM	84.8	30.8	4.3	21.4	136834.2	756.8
Nov 9, 5:00 AM	84.7	31.1	4.8	21.2	138305.0	756.6
Nov 9, 6:00 AM	84.8	31.4	4.6	21.3	139454.2	754.6
Nov 9, 7:00 AM	83.5	30.9	4.2	21.4	139425.0	754.8
Nov 9, 8:00 AM	84.7	31.5	4.5	21.6	140345.2	756.2
Nov 9, 9:00 AM	86.5	32.6	4.4	21.4	142149.4	754.2
Nov 9, 10:00 AM	84.3	32.0	5.0	22.1	143320.9	753.8
Nov 9, 11:00 AM	84.3	31.7	5.0	22.4	141956.2	756.9
Nov 9, 12:00 PM	83.0	30.8	5.1	22.3	139947.3	754.0
Nov 9, 1:00 PM	84.1	31.5	5.0	22.7	141278.3	759.0
Nov 9, 2:00 PM	83.9	31.5	4.5	22.6	141467.0	751.0

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 9, 3:00 PM	84.3	31.5	4.8	23.0	141100.2	755.0
Nov 9, 4:00 PM	85.1	31.9	5.7	22.7	141263.0	753.0
Nov 9, 5:00 PM	84.9	31.5	5.0	22.3	139833.2	752.8
Nov 9, 6:00 PM	84.8	31.3	4.4	22.3	139265.8	753.6
Nov 9, 7:00 PM	85.1	31.0	4.8	21.9	137465.9	753.5
Nov 9, 8:00 PM	85.1	31.1	4.5	21.7	137900.9	752.3
Nov 9, 9:00 PM	86.4	31.8	4.5	21.5	138618.4	751.0
Nov 9, 10:00 PM	85.4	31.5	4.7	21.8	139237.6	750.9
Nov 9, 11:00 PM	86.0	31.9	4.4	21.6	139854.3	754.2
Nov 10, 12:00 AM	85.8	31.5	4.4	21.7	138348.8	752.8
Nov 10, 1:00 AM	84.9	31.1	4.8	21.7	138137.2	752.2
Nov 10, 2:00 AM	86.2	32.1	4.8	22.0	140290.6	753.4
Nov 10, 3:00 AM	86.7	32.6	5.0	22.2	141753.0	753.4
Nov 10, 4:00 AM	86.7	32.4	4.7	21.7	140869.5	753.1
Nov 10, 5:00 AM	86.1	32.3	4.7	21.9	141488.5	751.0
Nov 10, 6:00 AM	85.5	31.8	4.6	22.0	140426.5	753.9
Nov 10, 7:00 AM	86.3	31.7	4.2	21.7	138372.1	752.8
Nov 10, 8:00 AM	86.4	31.8	4.3	21.6	138780.6	751.6
Nov 10, 9:00 AM	85.8	31.2	4.8	21.9	137220.9	755.7
Nov 10, 10:00 AM	87.3	32.1	4.5	21.9	138788.9	754.6
Nov 10, 11:00 AM	87.3	32.7	4.2	22.2	141377.0	753.4
Nov 10, 12:00 PM	85.2	32.3	4.5	22.5	142777.8	754.1
Nov 10, 1:00 PM	86.6	32.9	4.9	22.7	143535.3	756.0
Nov 10, 2:00 PM	87.4	33.2	5.2	23.3	143243.7	752.9
Nov 10, 3:00 PM	86.8	32.6	5.6	23.5	141851.9	755.5
Nov 10, 4:00 PM	87.3	32.5	5.3	23.5	140309.8	754.8
Nov 10, 5:00 PM	87.2	32.5	5.0	23.2	140791.4	754.3
Nov 10, 6:00 PM	86.1	31.8	4.6	23.4	139471.5	755.5



O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 10, 7:00 PM	87.4	32.0	5.0	23.3	137964.1	755.7
Nov 10, 8:00 PM	85.6	31.0	5.5	23.4	136509.6	755.6
Nov 10, 9:00 PM	86.8	32.0	4.8	23.6	138988.0	757.1
Nov 10, 10:00 PM	86.8	31.7	4.4	23.4	137511.8	757.4
Nov 10, 11:00 PM	85.5	31.3	4.7	22.9	137915.9	754.9
Nov 11, 12:00 AM	86.6	31.4	4.9	23.2	136802.7	756.7
Nov 11, 1:00 AM	86.1	31.2	5.0	23.2	136971.6	756.8
Nov 11, 2:00 AM	86.2	31.6	5.7	23.1	138212.7	756.2
Nov 11, 3:00 AM	87.4	32.3	4.7	23.5	139331.2	755.4
Nov 11, 4:00 AM	86.9	32.1	4.9	22.7	139439.4	754.3
Nov 11, 5:00 AM	87.6	32.3	4.5	22.7	138993.6	756.9
Nov 11, 6:00 AM	86.1	32.1	4.4	22.6	140573.3	753.5
Nov 11, 7:00 AM	88.2	32.8	5.6	23.0	140306.3	741.5
Nov 11, 8:00 AM	92.6	33.5	8.6	24.7	136457.7	785.0
Nov 11, 9:00 AM	95.4	34.4	13.2	27.1	136011.4	850.5
Nov 11, 10:00 AM	99.1	35.6	17.4	29.7	135426.0	913.4
Nov 11, 11:00 AM	99.5	35.8	18.3	30.9	135855.8	936.0
Nov 11, 12:00 PM	98.3	35.2	19.5	30.7	135004.5	943.1
Nov 11, 1:00 PM	98.8	35.5	19.7	31.0	135454.6	952.0
Nov 11, 2:00 PM	97.6	35.4	18.8	30.8	136878.4	939.6
Nov 11, 3:00 PM	96.5	35.1	18.6	30.9	137004.5	935.8
Nov 11, 4:00 PM	96.0	34.7	17.1	30.3	136411.1	928.7
Nov 11, 5:00 PM	96.6	34.5	17.3	30.0	134723.6	928.2
Nov 11, 6:00 PM	96.5	33.9	17.4	30.0	132466.3	931.5
Nov 11, 7:00 PM	97.2	33.6	17.4	29.9	130463.5	936.4
Nov 11, 8:00 PM	97.5	33.8	17.7	29.7	130669.3	937.5
Nov 11, 9:00 PM	97.1	34.1	18.0	29.7	132316.0	934.5
Nov 11, 10:00 PM	97.5	35.3	17.9	30.5	136644.9	935.0

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 11, 11:00 PM	97.2	34.8	17.8	30.4	135104.8	937.1
Nov 12, 12:00 AM	97.5	34.6	18.2	30.6	133891.4	938.8
Nov 12, 1:00 AM	98.9	34.9	18.6	30.6	133242.4	943.5
Nov 12, 2:00 AM	99.1	34.8	19.2	30.7	132378.1	951.0
Nov 12, 3:00 AM	99.4	35.4	19.1	31.4	134262.5	949.5
Nov 12, 4:00 AM	98.9	35.6	19.5	31.4	135790.3	951.6
Nov 12, 5:00 AM	98.2	34.8	19.3	31.1	133839.5	951.2
Nov 12, 6:00 AM	98.7	35.7	18.8	31.0	136261.2	950.0
Nov 12, 7:00 AM	97.0	29.6	20.4	30.8	114800.6	964.4
Nov 12, 8:00 AM	98.9	35.2	19.9	32.1	134057.3	957.6
Nov 12, 9:00 AM	98.4	35.0	20.8	32.3	133986.8	964.1
Nov 12, 10:00 AM	97.1	34.8	20.7	32.6	135404.5	960.0
Nov 12, 11:00 AM	97.4	34.5	21.0	32.3	133771.8	966.9
Nov 12, 12:00 PM	97.4	34.9	20.5	32.2	134928.4	963.8
Nov 12, 1:00 PM	97.0	34.4	21.1	32.2	133579.8	965.8
Nov 12, 2:00 PM	98.8	34.8	21.1	32.7	132841.6	977.2
Nov 12, 3:00 PM	99.0	35.4	21.0	32.1	134726.2	969.2
Nov 12, 4:00 PM	99.0	35.3	21.0	32.0	134321.4	969.7
Nov 12, 5:00 PM	100.0	35.4	21.5	31.8	133387.9	971.1
Nov 12, 6:00 PM	100.1	35.0	21.0	31.7	131788.9	968.3
Nov 12, 7:00 PM	99.3	34.1	21.3	31.4	129282.3	970.3
Nov 12, 8:00 PM	100.1	33.9	20.7	31.3	127700.0	969.3
Nov 12, 9:00 PM	99.5	33.6	20.8	31.4	127311.4	973.9
Nov 12, 10:00 PM	100.3	33.6	21.4	31.4	126106.0	975.5
Nov 12, 11:00 PM	99.7	33.3	20.9	31.2	125896.6	971.7
Nov 13, 12:00 AM	101.1	34.2	21.1	31.4	127702.7	972.9
Nov 13, 1:00 AM	101.0	34.2	21.3	31.5	127585.6	972.4
Nov 13, 2:00 AM	100.0	33.7	20.8	31.6	127073.3	967.0

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 13, 3:00 AM	100.6	33.8	20.7	31.7	126795.8	969.8
Nov 13, 4:00 AM	101.3	33.9	21.1	31.8	126242.8	981.8
Nov 13, 5:00 AM	101.9	34.0	22.1	32.2	125862.0	986.0
Nov 13, 6:00 AM	100.7	33.2	21.8	31.8	124162.7	977.8
Nov 13, 7:00 AM	100.8	30.0	22.1	31.6	112151.6	981.4
Nov 13, 8:00 AM	100.6					
Nov 13, 9:00 AM	100.6					
Nov 13, 10:00 AM	99.8					
Nov 13, 11:00 AM	99.2	32.8	23.0	31.7	124767.4	991.6
Nov 13, 12:00 PM	99.3	33.7	22.5	31.6	127942.6	983.7
Nov 13, 1:00 PM	98.6	34.1	21.5	31.6	130438.4	979.5
Nov 13, 2:00 PM	100.2	34.2	22.1	31.5	128539.8	987.0
Nov 13, 3:00 PM	100.1	34.2	22.4	31.6	128916.4	984.3
Nov 13, 4:00 PM	99.8	33.5	21.7	31.0	126652.6	981.0
Nov 13, 5:00 PM	101.3	33.8	22.8	31.6	125833.3	989.5
Nov 13, 6:00 PM	101.2	34.0	22.2	31.3	126559.1	986.8
Nov 13, 7:00 PM	103.0	36.0	22.2	31.4	131814.9	983.1
Nov 13, 8:00 PM	103.2	38.0	21.3	31.4	138751.7	975.8
Nov 13, 9:00 PM	103.0	35.7	22.3	31.7	130489.9	993.5
Nov 13, 10:00 PM	101.8	33.4	22.6	31.2	123744.0	990.7
Nov 13, 11:00 PM	102.9	34.9	21.8	31.9	128018.0	988.1
Nov 14, 12:00 AM	102.7	36.0	22.0	31.8	132381.3	988.8
Nov 14, 1:00 AM	101.3	32.9	23.2	31.3	122387.5	993.1
Nov 14, 2:00 AM	97.3	22.8	22.7	29.8	88151.2	999.0
Nov 14, 3:00 AM	93.6	12.9	23.7	27.8	52071.1	1015.5
Nov 14, 4:00 AM	88.9	6.4	22.0	23.1	27385.6	990.3
Nov 14, 5:00 AM	91.9	5.5	24.1	22.3	22558.8	1019.0
Nov 14, 6:00 AM	92.3	5.5	23.7	21.5	22464.1	1019.1

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 14, 7:00 AM	92.9	4.1	24.6	19.6	16550.7	1019.1
Nov 14, 8:00 AM	93.3	3.5	24.6	18.4	14148.2	1028.7
Nov 14, 9:00 AM	93.5	2.8	24.3	17.2	11325.2	1030.6
Nov 14, 10:00 AM	92.0	2.5	24.0	15.8	10343.0	1022.3
Nov 14, 11:00 AM	92.2	2.5	23.8	15.5	10374.0	1023.3
Nov 14, 12:00 PM	93.4	3.1	23.3	15.8	12462.0	1019.0
Nov 14, 1:00 PM	92.0	3.3	23.5	16.1	13665.8	1026.5
Nov 14, 2:00 PM	92.7	1.2	24.1	13.4	4892.5	1040.0
Nov 14, 3:00 PM	90.6	1.0	23.8	12.1	4269.9	1028.9
Nov 14, 4:00 PM	88.4	1.4	23.9	12.4	5809.5	1018.8
Nov 14, 5:00 PM	89.4	1.1	23.1	11.7	4523.9	1016.8
Nov 14, 6:00 PM	90.0	1.1	23.2	10.8	4377.6	1016.7
Nov 14, 7:00 PM	90.0	1.4	23.8	11.5	5825.9	1020.4
Nov 14, 8:00 PM	89.9	1.2	23.5	11.2	4873.1	1020.7
Nov 14, 9:00 PM	90.8	1.1	23.8	10.9	4503.8	1029.0
Nov 14, 10:00 PM	90.9	1.2	24.3	10.8	4745.4	1031.5
Nov 14, 11:00 PM	91.4	1.2	24.3	10.8	4858.7	1026.8
Nov 15, 12:00 AM	89.9	1.1	23.9	9.9	4421.9	1027.4
Nov 15, 1:00 AM	89.8	1.1	23.6	10.1	4463.4	1022.9
Nov 15, 2:00 AM	89.8	1.0	24.3	10.3	4334.5	1027.5
Nov 15, 3:00 AM	91.1	1.2	23.9	10.3	4957.3	1021.9
Nov 15, 4:00 AM	89.9	1.2	23.5	10.1	4909.0	1020.6
Nov 15, 5:00 AM	89.1	1.1	23.4	9.4	4416.7	1020.0
Nov 15, 6:00 AM	90.7	1.0	23.5	9.2	4235.5	1021.4
Nov 15, 7:00 AM	89.3	1.0	23.7	9.2	4117.2	1019.8
Nov 15, 8:00 AM	88.9	1.0	23.4	9.2	4242.0	1017.5
Nov 15, 9:00 AM	89.4	1.0	24.4	9.4	4103.5	1028.7
Nov 15, 10:00 AM	89.6	1.0	23.8	9.2	4201.9	1023.6

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 15, 11:00 AM	89.3	1.0	25.2	9.0	4248.7	1040.0
Nov 15, 12:00 PM	88.8	1.0	24.1	8.7	4162.6	1022.5
Nov 15, 1:00 PM	88.7	1.0	24.7	8.6	4111.8	1034.7
Nov 15, 2:00 PM	89.3	0.9	23.7	8.1	3929.4	1020.6
Nov 15, 3:00 PM	87.7	1.2	22.7	8.5	4991.5	1004.9
Nov 15, 4:00 PM	87.5	1.1	22.3	8.8	4562.2	1006.0
Nov 15, 5:00 PM	89.5	1.0	22.7	8.6	4175.5	1010.8
Nov 15, 6:00 PM	88.1	0.9	23.3	8.3	3988.8	1011.6
Nov 15, 7:00 PM	89.7	1.0	24.8	8.6	4051.3	1031.7
Nov 15, 8:00 PM	88.9	1.0	23.3	8.3	4012.6	1015.6
Nov 15, 9:00 PM	89.4	0.9	23.1	7.9	3946.4	1010.5
Nov 15, 10:00 PM	88.8	0.9	23.0	7.9	3908.4	1014.2
Nov 15, 11:00 PM	98.5	1.0	22.6	7.8	3897.4	947.5
Nov 16, 12:00 AM	111.0	1.1	20.2	6.9	3708.5	818.6
Nov 16, 1:00 AM	92.4	1.0	24.2	6.9	4045.1	970.9
Nov 16, 2:00 AM	89.2	0.9	24.4	7.1	3935.0	1007.9
Nov 16, 3:00 AM	89.0	0.9	24.2	7.2	3901.9	1013.9
Nov 16, 4:00 AM	89.1	0.9	24.8	7.5	3865.4	1029.0
Nov 16, 5:00 AM	89.1	0.9	24.2	7.2	3915.6	1022.7
Nov 16, 6:00 AM	88.6	0.9	22.5	7.4	3970.3	1008.7
Nov 16, 7:00 AM	88.9	1.0	23.5	7.3	4382.4	1017.2
Nov 16, 8:00 AM	88.4	1.0	23.9	7.5	4232.5	1019.7
Nov 16, 9:00 AM	88.6	0.9	23.4	7.4	3963.3	1009.9
Nov 16, 10:00 AM	87.9	0.9	23.2	7.3	3856.9	1003.5
Nov 16, 11:00 AM	89.9	0.9	23.4	7.1	3533.5	990.8
Nov 16, 12:00 PM	91.3	0.9	25.8	6.4	3536.5	1020.2
Nov 16, 1:00 PM	89.7	0.9	24.8	6.5	3692.6	1003.3
Nov 16, 2:00 PM	88.6	0.9	24.1	6.5	3672.2	993.0

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 16, 3:00 PM	88.0	0.8	24.4	6.3	3546.0	997.7
Nov 16, 4:00 PM	89.0	0.9	24.4	6.6	3983.4	993.0
Nov 16, 5:00 PM	90.0	1.0	24.7	6.3	4004.6	995.6
Nov 16, 6:00 PM	90.7	0.9	25.3	6.5	3912.1	1004.3
Nov 16, 7:00 PM	91.6	0.9	25.5	6.1	3770.9	1006.3
Nov 16, 8:00 PM	90.7	0.9	25.0	6.4	3755.2	997.3
Nov 16, 9:00 PM	91.6	0.9	25.3	6.1	3764.5	1008.6
Nov 16, 10:00 PM	91.9	0.9	25.9	6.1	3798.1	1015.9
Nov 16, 11:00 PM	91.5	0.9	25.8	6.1	3723.3	1014.6
Nov 17, 12:00 AM	90.4	0.9	24.8	6.1	3826.6	1003.9
Nov 17, 1:00 AM	90.7	0.9	24.9	5.9	3714.3	1004.3
Nov 17, 2:00 AM	91.5	0.9	25.5	5.8	3716.6	1009.5
Nov 17, 3:00 AM	91.1	0.9	25.3	5.8	3749.4	1005.8
Nov 17, 4:00 AM	91.0	0.9	25.6	5.8	3721.1	1007.2
Nov 17, 5:00 AM	90.6	0.9	25.0	5.7	3755.1	1001.1
Nov 17, 6:00 AM	91.2	0.9	25.1	5.6	3731.3	1004.5
Nov 17, 7:00 AM	91.8	0.9	25.1	5.8	3706.5	1006.8
Nov 17, 8:00 AM	92.5	0.9	26.0	5.6	3677.8	1011.7
Nov 17, 9:00 AM	92.3	0.9	26.6	5.7	3755.9	1025.4
Nov 17, 10:00 AM	91.6	0.9	26.3	5.8	3809.2	1019.3
Nov 17, 11:00 AM	91.2	0.9	25.4	6.0	3757.9	1005.7
Nov 17, 12:00 PM	91.2	0.9	25.4	5.5	3832.2	1011.4
Nov 17, 1:00 PM	91.2	0.9	25.3	5.5	3697.8	1003.9
Nov 17, 2:00 PM	91.1	0.9	25.6	5.6	3788.4	1006.5
Nov 17, 3:00 PM	91.1	0.9	25.0	5.4	3649.8	1005.6
Nov 17, 4:00 PM	91.5	0.9	25.7	5.2	3696.3	1007.5
Nov 17, 5:00 PM	90.7	0.9	24.9	5.2	3651.6	1000.1
Nov 17, 6:00 PM	89.8	0.9	24.7	5.3	3627.0	994.7

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 17, 7:00 PM	90.4	0.9	24.2	5.2	3602.9	993.9
Nov 17, 8:00 PM	90.4	0.9	24.5	5.3	3610.6	995.4
Nov 17, 9:00 PM	92.0	0.9	25.5	5.0	3588.9	1007.7
Nov 17, 10:00 PM	91.1	0.9	25.4	5.2	3608.3	1003.1
Nov 17, 11:00 PM	90.5	0.9	25.0	4.8	3515.8	1002.0
Nov 18, 12:00 AM	90.2	0.8	24.6	4.9	3417.9	994.9
Nov 18, 1:00 AM	90.9	0.9	24.7	4.9	3566.2	1003.0
Nov 18, 2:00 AM	90.8	0.9	24.6	5.0	3554.2	996.5
Nov 18, 3:00 AM	91.3	0.9	24.5	5.0	3557.9	996.8
Nov 18, 4:00 AM	92.7	0.9	25.7	4.9	3591.4	1011.1
Nov 18, 5:00 AM	91.9	0.9	25.4	4.9	3493.0	1013.9
Nov 18, 6:00 AM	91.6	0.9	25.5	4.8	3551.4	1014.5
Nov 18, 7:00 AM	90.6	0.8	24.6	4.7	3468.4	997.8
Nov 18, 8:00 AM	91.3	0.9	24.9	4.8	3528.2	999.9
Nov 18, 9:00 AM	90.6	0.9	24.8	4.7	3573.4	996.6
Nov 18, 10:00 AM	91.2	0.9	25.3	4.8	3526.2	1005.7
Nov 18, 11:00 AM	90.4	0.9	24.9	4.7	3622.5	1001.9
Nov 18, 12:00 PM	89.0	0.9	25.1	4.5	3638.5	1000.2
Nov 18, 1:00 PM	89.3	0.9	25.1	4.5	3642.0	998.3
Nov 18, 2:00 PM	88.8	0.9	25.0	4.7	3725.8	999.5
Nov 18, 3:00 PM	89.0	0.9	24.5	4.5	3591.4	992.0
Nov 18, 4:00 PM	89.0	0.9	24.4	4.6	3683.2	991.8
Nov 18, 5:00 PM	89.3	0.9	24.0	4.7	3593.5	988.3
Nov 18, 6:00 PM	89.0	0.9	22.9	4.5	3620.0	973.6
Nov 18, 7:00 PM	88.9	0.9	23.2	4.7	3592.5	973.5
Nov 18, 8:00 PM	88.8	0.8	23.1	4.3	3558.1	968.1
Nov 18, 9:00 PM	89.8	0.9	23.6	4.4	3594.6	973.2
Nov 18, 10:00 PM	88.6	0.9	23.1	4.4	3604.7	971.4

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 18, 11:00 PM	89.2	0.9	22.8	4.3	3647.6	971.3
Nov 19, 12:00 AM	89.1	0.9	23.1	4.4	3642.2	968.2
Nov 19, 1:00 AM	91.0	0.9	24.4	4.4	3635.1	991.6
Nov 19, 2:00 AM	89.6	0.9	23.6	4.3	3685.4	978.7
Nov 19, 3:00 AM	91.5	0.9	24.1	4.1	3662.3	990.6
Nov 19, 4:00 AM	90.1	0.9	24.2	4.6	3644.6	985.7
Nov 19, 5:00 AM	89.4	0.9	23.7	4.5	3694.2	982.9
Nov 19, 6:00 AM	89.4	0.9	23.3	4.3	3664.2	979.1
Nov 19, 7:00 AM	89.2	0.9	23.5	4.3	3717.1	981.1
Nov 19, 8:00 AM	91.4	0.9	24.5	4.4	3767.5	993.9
Nov 19, 9:00 AM	91.4	0.9	25.0	4.2	3782.8	996.2
Nov 19, 10:00 AM	89.5	0.9	24.1	4.3	3825.2	984.3
Nov 19, 11:00 AM	88.9	0.9	23.9	4.5	3860.2	979.2
Nov 19, 12:00 PM	88.8	0.9	23.4	4.4	3776.9	976.4
Nov 19, 1:00 PM	89.4	0.9	23.6	4.4	3698.3	979.3
Nov 19, 2:00 PM	90.6	0.9	24.5	4.4	3814.1	993.4
Nov 19, 3:00 PM	90.1	0.9	24.2	4.3	3876.5	985.2
Nov 19, 4:00 PM	90.4	0.9	24.3	4.2	3803.9	988.8
Nov 19, 5:00 PM	89.9	0.9	24.0	4.2	3681.6	981.5
Nov 19, 6:00 PM	90.0	0.9	23.8	4.3	3730.3	982.6
Nov 19, 7:00 PM	95.0	2.0	25.1	5.7	7475.4	960.8
Nov 19, 8:00 PM	90.4	0.9	25.0	4.3	3571.6	991.2
Nov 19, 9:00 PM	91.2	0.9	23.8	4.3	3716.9	984.0
Nov 19, 10:00 PM	93.3	1.3	23.9	4.9	5016.1	940.3
Nov 19, 11:00 PM	89.6	0.9	23.2	4.2	3635.5	973.4
Nov 20, 12:00 AM	89.1	0.9	23.2	4.0	3600.6	972.2
Nov 20, 1:00 AM	88.7	0.9	23.4	4.0	3615.9	976.2
Nov 20, 2:00 AM	89.5	0.8	23.4	4.0	3517.1	978.6



O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 20, 3:00 AM	88.8	0.8	23.8	4.1	3579.4	982.4
Nov 20, 4:00 AM	90.0	0.9	23.2	4.1	3542.7	976.9
Nov 20, 5:00 AM	90.5	0.8	23.9	3.9	3456.1	984.7
Nov 20, 6:00 AM	91.2	0.9	23.9	4.0	3502.3	993.4
Nov 20, 7:00 AM	89.5	0.8	23.9	3.7	3376.6	985.4
Nov 20, 8:00 AM	89.2					
Nov 20, 9:00 AM	90.3					
Nov 20, 10:00 AM	89.7	0.9	23.5	4.1	3575.4	977.8
Nov 20, 11:00 AM	89.9	0.8	24.1	4.1	3525.0	983.9
Nov 20, 12:00 PM	90.0	0.8	23.8	3.8	3508.6	982.8
Nov 20, 1:00 PM	97.7	1.9	25.5	5.4	7017.0	970.2
Nov 20, 2:00 PM	91.8	0.9	24.3	4.5	3560.6	970.9
Nov 20, 3:00 PM	89.9	0.8	23.4	3.7	3430.1	976.2
Nov 20, 4:00 PM	90.0	0.8	23.4	3.7	3360.8	973.7
Nov 20, 5:00 PM	91.2	0.8	23.5	3.8	3345.2	983.4
Nov 20, 6:00 PM	91.9	0.8	23.4	3.7	3353.2	981.8
Nov 20, 7:00 PM	91.8	0.8	23.6	4.0	3384.6	986.5
Nov 20, 8:00 PM	92.8	0.9	25.4	4.0	3456.7	1012.0
Nov 20, 9:00 PM	93.3	0.9	25.5	4.0	3427.5	1011.2
Nov 20, 10:00 PM	92.9	0.9	25.9	3.9	3488.1	1017.8
Nov 20, 11:00 PM	92.8	0.9	25.1	3.7	3505.5	1011.1
Nov 21, 12:00 AM	93.9	0.9	25.2	3.9	3441.3	1015.5
Nov 21, 1:00 AM	93.1	0.9	25.1	3.8	3441.3	1014.3
Nov 21, 2:00 AM	92.7	0.8	24.3	3.9	3300.3	1004.1
Nov 21, 3:00 AM	93.1	0.9	24.9	4.0	3508.9	1008.9
Nov 21, 4:00 AM	92.0	0.8	24.3	3.9	3332.9	997.5
Nov 21, 5:00 AM	93.3	0.8	24.3	3.8	3399.9	999.8
Nov 21, 6:00 AM	91.1	0.8	23.6	3.8	3419.9	996.1

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 21, 7:00 AM	97.1	1.1	24.5	4.3	4330.7	964.2
Nov 21, 8:00 AM	91.9	0.8	24.0	3.9	3438.2	990.7
Nov 21, 9:00 AM	92.2	0.8	23.6	3.4	3414.5	985.8
Nov 21, 10:00 AM	92.3	0.8	23.3	3.6	3412.5	984.6
Nov 21, 11:00 AM	92.8	0.9	24.6	3.7	3449.5	998.5
Nov 21, 12:00 PM	91.6	0.8	23.2	3.7	3417.9	986.5
Nov 21, 1:00 PM	93.6	0.9	25.1	3.8	3440.6	1004.8
Nov 21, 2:00 PM	93.6	0.8	25.4	3.3	3091.0	1008.9
Nov 21, 3:00 PM	92.8	0.8	24.6	3.5	3378.4	1004.6
Nov 21, 4:00 PM	92.7	0.8	23.9	3.4	3344.1	996.3
Nov 21, 5:00 PM	92.5	0.8	23.7	3.7	3312.7	992.6
Nov 21, 6:00 PM	91.1	0.8	23.1	3.5	3373.9	986.9
Nov 21, 7:00 PM	92.1	0.8	23.4	3.5	3364.5	986.9
Nov 21, 8:00 PM	91.5	0.8	23.1	3.7	3276.9	986.1
Nov 21, 9:00 PM	91.3	0.8	23.2	3.7	3353.9	989.9
Nov 21, 10:00 PM	91.8	0.8	23.7	3.3	3334.0	991.4
Nov 21, 11:00 PM	91.9	0.8	23.2	3.5	3324.7	985.6
Nov 22, 12:00 AM	92.3	0.8	23.9	3.5	3402.6	993.5
Nov 22, 1:00 AM	91.5	0.8	24.6	3.5	3472.0	1011.6
Nov 22, 2:00 AM	92.8	0.9	25.9	3.9	3790.2	1027.6
Nov 22, 3:00 AM	93.0	0.9	25.2	3.9	3778.3	1014.5
Nov 22, 4:00 AM	91.8	0.9	24.2	3.7	3747.7	1004.0
Nov 22, 5:00 AM	91.5	0.9	23.6	3.9	3513.7	1000.5
Nov 22, 6:00 AM	95.7	1.0	23.5	4.0	3968.9	973.2
Nov 22, 7:00 AM	91.0	0.8	23.3	3.4	3090.3	979.6
Nov 22, 8:00 AM	91.9	0.8	23.5	3.3	3146.7	993.9
Nov 22, 9:00 AM	91.2	0.8	22.9	3.6	3261.1	989.9
Nov 22, 10:00 AM	91.2	0.8	24.2	3.5	3201.5	993.4

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 22, 11:00 AM	90.9	0.8	23.6	3.5	3369.7	992.3
Nov 22, 12:00 PM	90.7	0.8	23.5	3.4	3356.0	988.6
Nov 22, 1:00 PM	90.7	0.8	23.1	3.4	3362.3	986.1
Nov 22, 2:00 PM	93.8	0.9	25.4	3.5	3486.5	1018.7
Nov 22, 3:00 PM	91.7	0.9	25.1	3.6	3584.5	1013.9
Nov 22, 4:00 PM	92.3	0.9	23.9	3.7	3650.9	995.9
Nov 22, 5:00 PM	94.2	0.9	23.3	3.6	3400.2	991.3
Nov 22, 6:00 PM	92.4	0.8	23.9	3.6	3392.9	994.0
Nov 22, 7:00 PM	90.6	0.8	22.8	3.4	3409.1	985.9
Nov 22, 8:00 PM	92.7	0.8	22.9	3.4	3235.1	978.6
Nov 22, 9:00 PM	90.6	0.8	23.2	3.5	3501.0	989.7
Nov 22, 10:00 PM	91.0	0.8	22.8	3.4	3439.5	985.0
Nov 22, 11:00 PM	91.0	0.8	22.9	3.5	3368.3	981.6
Nov 23, 12:00 AM	90.8	0.8	22.4	3.7	3439.3	978.6
Nov 23, 1:00 AM	90.9	0.8	22.7	3.3	3331.4	976.5
Nov 23, 2:00 AM	90.3	0.8	22.0	3.2	3408.4	972.4
Nov 23, 3:00 AM	91.0	0.8	23.0	3.6	3304.1	982.5
Nov 23, 4:00 AM	91.6	0.8	24.2	3.8	3339.0	1005.1
Nov 23, 5:00 AM	90.6	0.8	23.0	3.4	3229.1	989.9
Nov 23, 6:00 AM	92.3	0.8	24.0	3.3	3224.6	997.9
Nov 23, 7:00 AM	96.2	1.1	23.1	3.7	4110.7	944.5
Nov 23, 8:00 AM	93.5	0.7	23.6	3.2	2963.9	987.2
Nov 23, 9:00 AM	90.2	0.8	23.4	3.1	3175.0	994.9
Nov 23, 10:00 AM	90.5	0.8	22.8	3.2	3273.3	984.7
Nov 23, 11:00 AM	92.6	0.8	22.7	3.1	3107.3	982.1
Nov 23, 12:00 PM	87.7	0.8	23.1	3.3	3319.2	990.2
Nov 23, 1:00 PM	89.9	0.8	22.4	3.2	3442.6	975.6
Nov 23, 2:00 PM	89.5	0.9	22.1	3.3	3610.7	975.8

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 23, 3:00 PM	90.8	1.0	22.3	3.4	3927.9	979.9
Nov 23, 4:00 PM	91.0	1.0	23.1	3.7	4072.3	995.2
Nov 23, 5:00 PM	90.4	1.1	22.8	3.7	4531.5	989.5
Nov 23, 6:00 PM	90.5	1.4	22.4	4.3	5985.9	981.9
Nov 23, 7:00 PM	90.8	2.1	23.3	5.3	8863.9	989.7
Nov 23, 8:00 PM	90.8	2.5	23.5	6.2	10443.6	992.1
Nov 23, 9:00 PM	90.9	2.8	23.4	6.8	11775.6	987.0
Nov 23, 10:00 PM	91.8	3.4	23.7	7.8	14084.1	990.6
Nov 23, 11:00 PM	91.9	3.9	24.6	8.8	16147.0	1006.0
Nov 24, 12:00 AM	93.4	4.3	25.2	9.2	17303.4	1017.6
Nov 24, 1:00 AM	93.9	4.3	24.9	9.6	17246.4	1013.3
Nov 24, 2:00 AM	92.8	4.3	23.9	9.9	17509.7	998.2
Nov 24, 3:00 AM	93.1	3.9	24.6	9.6	15960.8	1006.3
Nov 24, 4:00 AM	94.4	3.6	26.4	9.6	14460.6	1030.3
Nov 24, 5:00 AM	93.3	3.4	25.6	9.0	13548.5	1020.0
Nov 24, 6:00 AM	93.2	3.2	24.9	8.6	12856.8	1010.0
Nov 24, 7:00 AM	92.4	3.1	23.7	8.6	12790.9	998.9
Nov 24, 8:00 AM	92.4	3.6	24.5	9.3	14706.9	1008.3
Nov 24, 9:00 AM	92.0	4.2	23.8	9.7	17094.8	998.0
Nov 24, 10:00 AM	91.9	4.5	23.1	10.2	18303.0	989.4
Nov 24, 11:00 AM	91.2	4.6	23.3	10.3	19119.1	987.0
Nov 24, 12:00 PM	92.7	4.8	23.9	10.6	19316.9	995.0
Nov 24, 1:00 PM	92.3	4.9	24.2	10.8	19817.3	992.6
Nov 24, 2:00 PM	98.4	10.7	23.6	12.4	39035.0	976.3
Nov 24, 3:00 PM	112.7	59.6	19.7	21.7	199589.5	928.7
Nov 24, 4:00 PM	113.2	60.1	19.9	22.9	200438.0	940.5
Nov 24, 5:00 PM	112.0	58.4	20.3	23.1	196700.0	948.8
Nov 24, 6:00 PM	113.1	57.2	20.1	23.4	191014.8	945.9

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 24, 7:00 PM	111.0	54.4	20.1	23.3	185092.0	948.5
Nov 24, 8:00 PM	111.1	53.5	19.8	23.7	181798.1	945.6
Nov 24, 9:00 PM	110.9	52.4	20.5	23.7	178528.1	951.5
Nov 24, 10:00 PM	110.3	50.7	20.3	23.8	173516.6	951.8
Nov 24, 11:00 PM	110.3	50.1	20.9	23.7	171405.4	957.6
Nov 25, 12:00 AM	111.1	49.9	20.7	23.9	169311.5	957.9
Nov 25, 1:00 AM	109.8	49.5	20.6	23.9	170205.2	960.5
Nov 25, 2:00 AM	110.6	51.2	20.4	24.3	174804.2	956.4
Nov 25, 3:00 AM	111.2	52.1	20.7	24.0	176858.3	959.9
Nov 25, 4:00 AM	111.5	53.6	19.8	24.4	181420.6	952.6
Nov 25, 5:00 AM	112.3	53.8	20.3	24.2	180680.7	956.3
Nov 25, 6:00 AM	112.9	55.4	20.6	24.3	185050.7	956.9
Nov 25, 7:00 AM	113.6	56.6	20.3	24.5	187959.0	958.0
Nov 25, 8:00 AM	113.5	59.2	20.1	24.6	196734.9	952.0
Nov 25, 9:00 AM	113.6	62.2	19.0	24.9	206724.4	940.2
Nov 25, 10:00 AM	113.6	64.2	18.7	24.7	213139.5	935.4
Nov 25, 11:00 AM	113.8	64.7	19.1	25.4	214679.6	937.6
Nov 25, 12:00 PM	116.0	66.9	19.4	25.7	217601.1	940.4
Nov 25, 1:00 PM	114.0	65.0	19.4	26.1	214843.4	942.4
Nov 25, 2:00 PM	114.2	63.4	20.4	26.0	209371.4	945.5
Nov 25, 3:00 PM	114.8	63.2	20.1	26.1	207735.2	952.4
Nov 25, 4:00 PM	114.2	62.6	20.3	26.1	206670.7	950.4
Nov 25, 5:00 PM	113.3	63.0	19.1	25.6	209879.7	934.6
Nov 25, 6:00 PM	129.1	68.3	24.9	26.8	204480.8	1013.5
Nov 25, 7:00 PM	119.5	67.9	27.2	28.6	214885.3	1054.3
Nov 25, 8:00 PM	115.7	67.9	19.3	26.5	221633.4	945.7
Nov 25, 9:00 PM	114.3	68.1	18.9	26.3	224592.8	935.1
Nov 25, 10:00 PM	114.6	68.8	18.0	26.0	226414.2	925.3

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 25, 11:00 PM	113.6	67.2	17.8	25.8	223259.3	922.6
Nov 26, 12:00 AM	113.7	66.5	18.9	26.4	220679.9	932.7
Nov 26, 1:00 AM	115.5	67.0	18.6	26.3	218760.7	933.4
Nov 26, 2:00 AM	114.4	65.8	19.0	26.1	216947.5	942.5
Nov 26, 3:00 AM	113.6	65.8	19.3	26.1	218469.5	935.9
Nov 26, 4:00 AM	114.2	66.4	18.0	25.9	219438.7	928.1
Nov 26, 5:00 AM	114.2	65.7	18.2	25.8	217156.7	931.7
Nov 26, 6:00 AM	113.8	65.7	18.2	25.6	218028.7	927.4
Nov 26, 7:00 AM	119.2	68.0	19.1	25.8	215007.8	934.3
Nov 26, 8:00 AM	115.0	65.0	19.0	26.0	213204.7	949.2
Nov 26, 9:00 AM	114.2	64.8	18.1	25.9	213927.1	934.6
Nov 26, 10:00 AM	113.6	64.6	17.4	25.7	215125.9	927.2
Nov 26, 11:00 AM	101.2	56.8	10.4	23.8	211441.8	856.4
Nov 26, 12:00 PM	94.2	21.6	21.1	22.3	87100.1	957.3
Nov 26, 1:00 PM	96.1	25.7	21.3	22.8	100895.3	974.6
Nov 26, 2:00 PM	94.3	20.7	21.5	21.9	82605.4	976.0
Nov 26, 3:00 PM	96.6	20.8	20.7	21.3	81357.6	968.9
Nov 26, 4:00 PM	123.1	27.7	44.1	26.6	85616.4	1299.0
Nov 26, 5:00 PM	117.3	38.5	36.9	26.8	124139.8	1187.6
Nov 26, 6:00 PM	93.7	30.2	17.2	21.9	121260.8	935.8
Nov 26, 7:00 PM	94.0	29.6	13.5	20.8	118714.3	880.4
Nov 26, 8:00 PM	92.9	29.5	14.2	20.9	119620.9	891.8
Nov 26, 9:00 PM	81.9	12.6	17.0	18.3	56612.6	919.1
Nov 26, 10:00 PM	81.4	8.9	19.5	17.6	41076.8	942.8
Nov 26, 11:00 PM	89.9	9.6	20.2	17.4	40069.3	958.9
Nov 27, 12:00 AM	90.7	9.2	20.5	17.3	38339.8	954.5
Nov 27, 1:00 AM	89.1	8.7	19.9	16.8	36761.4	944.7
Nov 27, 2:00 AM	90.0	8.1	19.5	16.0	33748.5	943.4

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 27, 3:00 AM	90.5	7.6	18.3	15.8	31605.4	935.8
Nov 27, 4:00 AM	89.5	7.2	18.3	15.6	30508.4	933.1
Nov 27, 5:00 AM	90.2	6.8	18.7	15.3	28279.6	939.5
Nov 27, 6:00 AM	90.2	6.5	18.9	15.2	27018.6	943.7
Nov 27, 7:00 AM	92.8	7.8	19.5	15.5	30833.9	930.4
Nov 27, 8:00 AM	90.9					
Nov 27, 9:00 AM	90.7					
Nov 27, 10:00 AM	90.1					
Nov 27, 11:00 AM	91.4					
Nov 27, 12:00 PM	90.5					
Nov 27, 1:00 PM	91.6					
Nov 27, 2:00 PM	91.3					
Nov 27, 3:00 PM	92.7					
Nov 27, 4:00 PM	92.4					
Nov 27, 5:00 PM	92.6					
Nov 27, 6:00 PM	92.6	4.5	20.4	11.2	18341.8	989.9
Nov 27, 7:00 PM	100.8	9.8	22.4	13.3	35292.8	959.6
Nov 27, 8:00 PM	103.2	7.6	24.1	13.2	27300.8	980.1
Nov 27, 9:00 PM	109.8	9.2	24.4	14.3	31532.6	928.2
Nov 27, 10:00 PM	111.0	8.2	24.2	14.0	27830.1	930.7
Nov 27, 11:00 PM	112.5	7.5	25.5	13.9	25387.5	950.7
Nov 28, 12:00 AM	100.7	4.9	23.6	11.4	17992.1	991.2
Nov 28, 1:00 AM	95.9	4.3	23.4	10.8	16742.1	1022.4
Nov 28, 2:00 AM	96.5	4.6	23.3	10.9	17940.0	1020.1
Nov 28, 3:00 AM	96.8	4.3	23.7	10.6	16652.3	1035.9
Nov 28, 4:00 AM	97.3	4.2	24.0	10.7	16431.3	1042.0
Nov 28, 5:00 AM	95.4	4.1	23.2	10.2	16306.4	1032.9
Nov 28, 6:00 AM	96.2	4.2	22.7	10.4	16383.8	1022.5

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 28, 7:00 AM	96.3	4.1	23.7	10.2	16148.8	1042.7
Nov 28, 8:00 AM	95.0	4.1	22.9	10.1	16411.1	1025.0
Nov 28, 9:00 AM	94.3	4.1	22.9	10.1	16486.2	1021.2
Nov 28, 10:00 AM	93.6	4.1	22.5	9.9	16641.2	1015.4
Nov 28, 11:00 AM	94.3	4.1	22.6	9.8	16554.0	1015.3
Nov 28, 12:00 PM	92.4	4.1	22.6	9.9	16542.5	1014.7
Nov 28, 1:00 PM	90.4	4.0	21.1	9.7	16706.5	1003.7
Nov 28, 2:00 PM	91.3	4.0	17.2	9.2	16632.4	932.3
Nov 28, 3:00 PM	95.7	4.2	23.5	10.0	16547.1	1034.8
Nov 28, 4:00 PM	94.8	4.3	23.0	10.1	16973.1	1028.2
Nov 28, 5:00 PM	94.4	4.4	22.3	10.1	17470.0	1016.0
Nov 28, 6:00 PM	95.2	4.3	22.7	10.3	17064.3	1020.9
Nov 28, 7:00 PM	94.4	4.6	22.4	10.0	18122.3	1014.9
Nov 28, 8:00 PM	83.9	4.1	10.4	8.7	18314.9	818.4
Nov 28, 9:00 PM	96.4	4.2	21.3	9.9	16538.8	981.2
Nov 28, 10:00 PM	97.4	4.3	24.2	10.1	16527.7	1042.1
Nov 28, 11:00 PM	96.8	4.3	24.0	9.9	16772.1	1038.8
Nov 29, 12:00 AM	96.2	4.3	23.5	10.1	16770.3	1032.2
Nov 29, 1:00 AM	96.3	4.3	22.8	9.8	16826.7	1022.6
Nov 29, 2:00 AM	96.5	4.4	22.3	10.1	17011.7	1023.4
Nov 29, 3:00 AM	95.5	4.3	21.9	9.9	17135.2	1014.6
Nov 29, 4:00 AM	95.5	4.4	22.2	9.8	17308.7	1014.5
Nov 29, 5:00 AM	95.3	4.4	21.4	9.9	17358.1	1007.3
Nov 29, 6:00 AM	96.0	4.4	21.9	9.9	17392.9	1015.5
Nov 29, 7:00 AM	96.2	4.5	21.5	10.3	17691.9	1013.5
Nov 29, 8:00 AM	162.0	6.4	53.7	13.1	16531.3	1442.2
Nov 29, 9:00 AM	94.5	4.6	25.9	10.4	18205.6	1040.7
Nov 29, 10:00 AM	93.3	4.5	23.0	10.1	18319.7	992.4



O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 29, 11:00 AM	94.4	4.5	23.5	9.8	18078.2	1005.9
Nov 29, 12:00 PM	94.1	4.5	23.9	9.8	17977.5	1003.6
Nov 29, 1:00 PM	93.5	4.4	23.5	9.8	17910.2	1002.8
Nov 29, 2:00 PM	93.1	4.5	22.6	9.8	18206.5	992.8
Nov 29, 3:00 PM	103.1	14.1	20.5	12.0	49790.2	980.4
Nov 29, 4:00 PM	112.8	51.8	16.4	18.2	173409.3	926.8
Nov 29, 5:00 PM	113.1	53.1	15.9	18.4	176971.0	928.1
Nov 29, 6:00 PM	112.8	52.8	15.3	18.6	176663.1	927.2
Nov 29, 7:00 PM	133.9	54.5	16.2	19.2	156762.1	974.4
Nov 29, 8:00 PM	150.8	51.8	16.7	19.8	129658.3	1038.8
Nov 29, 9:00 PM	129.9	51.5	16.1	19.3	150694.3	987.3
Nov 29, 10:00 PM	113.9	52.9	15.7	19.8	175064.3	929.2
Nov 29, 11:00 PM	113.6	52.7	16.3	19.9	174955.0	936.2
Nov 30, 12:00 AM	113.7	52.3	15.8	19.5	173437.0	930.5
Nov 30, 1:00 AM	115.2	53.0	15.9	19.6	173355.4	940.6
Nov 30, 2:00 AM	113.8	52.3	15.8	19.6	173224.4	936.6
Nov 30, 3:00 AM	114.8	52.3	15.7	19.5	172034.7	933.6
Nov 30, 4:00 AM	115.3	52.0	16.2	20.1	170037.6	946.2
Nov 30, 5:00 AM	114.3	51.3	15.6	19.7	169360.0	940.7
Nov 30, 6:00 AM	115.0	51.2	16.3	20.0	168103.0	945.9
Nov 30, 7:00 AM	114.8	51.1	15.9	20.0	167784.4	936.3
Nov 30, 8:00 AM	115.1	50.8	15.9	20.0	166457.7	933.9
Nov 30, 9:00 AM	114.6	50.2	15.6	19.8	165094.8	934.4
Nov 30, 10:00 AM	115.3	50.4	15.6	20.0	164879.4	937.7
Nov 30, 11:00 AM	115.6	50.6	16.2	19.9	165299.2	945.1
Nov 30, 12:00 PM	115.1	50.6	15.7	19.9	166020.9	940.2
Nov 30, 1:00 PM	115.4	50.8	15.9	20.1	166168.3	939.1
Nov 30, 2:00 PM	116.4	51.7	16.2	20.3	167579.6	937.5

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 30, 3:00 PM	115.9	51.5	16.1	20.7	167495.0	939.7
Nov 30, 4:00 PM	116.2	51.5	15.3	20.4	167186.6	933.7
Nov 30, 5:00 PM	115.2	49.1	15.6	20.2	160881.8	936.5
Nov 30, 6:00 PM	116.1	49.9	16.0	20.2	162060.6	940.3
Nov 30, 7:00 PM	116.1	50.0	16.0	20.2	162351.4	941.5
Nov 30, 8:00 PM	115.8	49.8	15.6	20.3	162414.2	939.6
Nov 30, 9:00 PM	116.2	50.2	15.1	20.3	163077.6	935.5
Nov 30, 10:00 PM	117.1	50.4	15.8	20.4	162537.0	939.5
Nov 30, 11:00 PM	118.1	51.0	15.9	20.5	162844.3	943.7
Dec 1, 12:00 AM	118.1	50.9	15.8	20.5	162436.7	941.7
Dec 1, 1:00 AM	117.7	50.9	15.6	20.8	163077.2	942.4
Dec 1, 2:00 AM	118.2	51.2	15.1	20.7	163412.9	940.3
Dec 1, 3:00 AM	118.3	51.3	15.7	21.1	163492.8	940.7
Dec 1, 4:00 AM	117.0	50.1	15.7	21.1	161647.6	939.1
Dec 1, 5:00 AM	117.5	51.3	16.1	21.3	164718.4	942.1
Dec 1, 6:00 AM	118.5	51.8	16.1	21.3	165042.0	937.8
Dec 1, 7:00 AM	132.6	52.6	16.2	21.2	151948.4	962.4
Dec 1, 8:00 AM	161.4	51.7	20.5	23.3	120972.2	1041.7
Dec 1, 9:00 AM	159.4	50.9	18.4	21.4	120543.4	1037.7
Dec 1, 10:00 AM	118.0	50.4	17.0	22.3	161149.2	945.9
Dec 1, 11:00 AM	117.0	51.6	17.0	22.4	166491.1	935.7
Dec 1, 12:00 PM	116.8	51.4	16.6	22.3	166150.8	937.3
Dec 1, 1:00 PM	117.9	51.8	16.9	22.4	165840.5	945.4
Dec 1, 2:00 PM	119.6	53.2	16.8	22.1	167690.8	941.2
Dec 1, 3:00 PM	119.4	53.6	16.2	21.7	169311.0	935.1
Dec 1, 4:00 PM	117.5	52.1	15.4	21.2	167151.7	931.7
Dec 1, 5:00 PM	119.4	52.2	15.9	21.4	165020.7	933.8
Dec 1, 6:00 PM	119.2	51.8	15.3	21.3	163908.8	934.7

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 1, 7:00 PM	119.1	51.7	14.9	21.1	163749.6	936.1
Dec 1, 8:00 PM	118.3	51.2	14.9	21.0	163257.0	933.6
Dec 1, 9:00 PM	118.9	51.3	15.2	21.3	162571.8	933.2
Dec 1, 10:00 PM	119.8	51.6	15.8	21.6	162521.5	944.1
Dec 1, 11:00 PM	121.2	52.2	16.6	21.6	162523.5	949.6
Dec 2, 12:00 AM	120.1	51.9	16.1	22.0	162931.3	946.7
Dec 2, 1:00 AM	119.2	51.2	15.5	21.5	162052.5	939.8
Dec 2, 2:00 AM	119.9	51.6	15.5	21.4	162398.9	938.4
Dec 2, 3:00 AM	120.6	52.1	16.5	22.1	162999.4	949.9
Dec 2, 4:00 AM	119.7	51.8	16.1	22.1	163135.2	946.6
Dec 2, 5:00 AM	119.2	51.2	15.5	21.7	162192.2	940.8
Dec 2, 6:00 AM	121.1	53.8	15.2	21.8	167562.5	935.8
Dec 2, 7:00 AM	121.1	55.2	15.0	22.2	171913.0	930.5
Dec 2, 8:00 AM	120.6	55.9	14.6	22.4	174992.7	927.0
Dec 2, 9:00 AM	110.7	28.7	18.4	20.3	95278.4	961.5
Dec 2, 10:00 AM	117.8	51.7	15.9	22.2	165382.9	932.8
Dec 2, 11:00 AM	116.9	47.5	17.1	22.7	153239.7	948.8
Dec 2, 12:00 PM	117.4	48.5	17.3	22.7	155958.6	950.5
Dec 2, 1:00 PM	116.6	47.6	17.1	22.9	153813.5	949.1
Dec 2, 2:00 PM	114.7	46.3	15.9	22.4	152411.2	939.5
Dec 2, 3:00 PM	116.0	46.4	15.3	21.9	151067.5	935.5
Dec 2, 4:00 PM	116.8	46.7	15.6	21.8	150898.1	934.0
Dec 2, 5:00 PM	117.9	46.7	15.2	21.2	149466.0	933.5
Dec 2, 6:00 PM	117.3	46.7	14.6	21.4	150248.1	933.5
Dec 2, 7:00 PM	117.6	46.5	14.7	21.3	149151.6	938.4
Dec 2, 8:00 PM	117.0	46.2	15.4	21.5	149012.6	935.9
Dec 2, 9:00 PM	118.0	45.9	15.5	21.3	146664.3	941.3
Dec 2, 10:00 PM	118.2	45.4	15.3	21.3	145003.0	943.0

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Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 2, 11:00 PM	119.1	45.2	15.8	21.3	143056.8	949.7
Dec 3, 12:00 AM	119.0	44.8	15.9	21.4	142134.7	950.8
Dec 3, 1:00 AM	119.9	45.4	16.0	21.5	142764.2	948.4
Dec 3, 2:00 AM	118.4	45.0	15.4	21.3	143302.3	944.7
Dec 3, 3:00 AM	117.8	44.9	15.6	21.3	143939.2	944.0
Dec 3, 4:00 AM	117.1	44.4	15.2	21.3	142985.4	945.1
Dec 3, 5:00 AM	116.3	44.1	15.4	21.2	143157.8	943.3
Dec 3, 6:00 AM	113.7	44.2	14.8	21.1	147026.8	939.6
Dec 3, 7:00 AM	116.1	43.9	14.3	20.7	141913.3	922.6
Dec 3, 8:00 AM	101.7	5.5	20.5	15.6	20290.3	983.1
Dec 3, 9:00 AM	100.6	4.3	20.8	14.3	16108.8	987.4
Dec 3, 10:00 AM	102.2	4.3	22.9	14.0	15859.9	1011.8
Dec 3, 11:00 AM	99.5	4.0	22.2	12.9	15283.1	1004.0
Dec 3, 12:00 PM	99.8	4.0	22.0	12.3	14989.8	996.6
Dec 3, 1:00 PM	99.7	3.9	21.5	11.8	14681.0	997.0
Dec 3, 2:00 PM	100.6	3.9	20.7	11.5	14589.0	993.4
Dec 3, 3:00 PM	101.5	3.9	20.8	11.3	14338.8	997.1
Dec 3, 4:00 PM	101.9	3.9	20.9	11.2	14309.9	994.2
Dec 3, 5:00 PM	102.2	3.9	20.3	10.9	14302.9	993.7
Dec 3, 6:00 PM	102.7	4.4	20.5	11.4	16012.7	989.4
Dec 3, 7:00 PM	101.3	4.1	20.0	11.4	15415.5	989.2
Dec 3, 8:00 PM	102.5	3.9	20.2	11.2	14368.0	993.4
Dec 3, 9:00 PM	102.5	3.9	20.3	10.9	14310.3	995.0
Dec 3, 10:00 PM	104.1	3.9	20.9	10.7	14138.0	1005.0
Dec 3, 11:00 PM	103.0	3.9	20.7	10.8	14203.9	1007.7
Dec 4, 12:00 AM	104.4	4.0	21.0	10.8	14298.2	1007.8
Dec 4, 1:00 AM	104.0	4.0	20.6	10.4	14527.3	1007.0
Dec 4, 2:00 AM	104.3	4.1	20.6	10.7	14736.3	1006.1

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 4, 3:00 AM	105.0	4.2	20.7	10.8	14889.0	1007.0
Dec 4, 4:00 AM	104.9	4.2	20.4	10.6	14907.7	1004.9
Dec 4, 5:00 AM	104.4	4.1	20.7	10.7	14929.4	1007.5
Dec 4, 6:00 AM	105.3	4.2	20.4	10.9	14987.4	1008.1
Dec 4, 7:00 AM	108.1	4.9	21.6	11.5	17090.4	1017.2
Dec 4, 8:00 AM	108.0	4.6	22.0	11.1	15940.6	533.1
Dec 4, 9:00 AM	113.2					
Dec 4, 10:00 AM	119.4	38.6	17.2	18.4	121594.9	965.6
Dec 4, 11:00 AM	115.9	27.7	18.1	17.7	90149.0	980.3
Dec 4, 12:00 PM	114.7	27.6	18.4	18.2	90713.7	978.6
Dec 4, 1:00 PM	114.9	26.3	18.7	18.1	86385.7	980.3
Dec 4, 2:00 PM	114.1	24.3	18.5	18.3	80158.7	982.4
Dec 4, 3:00 PM	130.6	25.8	25.7	19.7	76045.7	1082.5
Dec 4, 4:00 PM	117.0	24.3	24.6	20.2	78259.8	1069.9
Dec 4, 5:00 PM	116.6	25.5	20.2	19.4	82420.3	997.3
Dec 4, 6:00 PM	116.2	25.4	19.8	19.1	82289.6	992.1
Dec 4, 7:00 PM	115.6	25.4	19.1	19.2	82786.8	982.9
Dec 4, 8:00 PM	116.3	25.3	19.1	18.9	82134.0	983.0
Dec 4, 9:00 PM	115.8	25.0	19.2	18.9	81413.4	979.2
Dec 4, 10:00 PM	115.6	24.4	19.2	18.9	79424.6	979.9
Dec 4, 11:00 PM	116.5	24.7	18.7	19.0	79794.8	980.8
Dec 5, 12:00 AM	115.3	24.7	18.6	18.9	80930.1	976.4
Dec 5, 1:00 AM	114.4	24.6	18.4	18.8	81104.3	971.4
Dec 5, 2:00 AM	115.9	24.6	18.3	18.7	79990.9	975.1
Dec 5, 3:00 AM	113.9	24.4	17.7	18.1	80924.9	969.4
Dec 5, 4:00 AM	113.6	24.3	17.3	18.2	80572.4	966.8
Dec 5, 5:00 AM	112.8	23.8	17.1	17.5	79386.7	964.4
Dec 5, 6:00 AM	112.3	23.2	16.5	17.4	77851.1	960.2

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 5, 7:00 AM	115.0	26.5	17.3	18.0	87085.0	977.6
Dec 5, 8:00 AM	115.5	26.6	17.7	18.1	87015.7	980.4
Dec 5, 9:00 AM	127.8	27.6	24.3	19.2	82856.8	1075.7
Dec 5, 10:00 AM	117.3	25.9	25.0	20.5	83404.4	1079.7
Dec 5, 11:00 AM	113.6	25.2	19.5	19.1	83748.0	995.2
Dec 5, 12:00 PM	113.3	25.3	18.3	18.7	84107.7	983.2
Dec 5, 1:00 PM	114.6	25.7	18.6	18.7	84681.6	984.6
Dec 5, 2:00 PM	114.6	25.3	18.8	18.5	83180.8	990.1
Dec 5, 3:00 PM	113.4	25.1	18.5	18.6	83596.9	984.6
Dec 5, 4:00 PM	113.3	25.1	17.9	18.3	83658.3	975.7
Dec 5, 5:00 PM	112.7	24.9	17.1	18.2	83335.9	966.9
Dec 5, 6:00 PM	113.1	25.1	16.7	17.9	83907.0	961.1
Dec 5, 7:00 PM	113.9	25.1	17.6	18.1	83098.5	978.1
Dec 5, 8:00 PM	114.5	25.3	17.9	18.2	83243.6	981.7
Dec 5, 9:00 PM	112.2	24.7	17.3	18.1	83115.8	971.7
Dec 5, 10:00 PM	113.1	24.8	17.5	17.9	82690.4	973.7
Dec 5, 11:00 PM	112.7	24.6	17.0	17.6	82319.1	971.7
Dec 6, 12:00 AM	112.5	24.6	16.7	17.5	82432.9	970.0
Dec 6, 1:00 AM	114.1	24.8	16.9	17.6	82048.0	974.2
Dec 6, 2:00 AM	114.7	24.4	18.4	17.9	80192.9	996.6
Dec 6, 3:00 AM	114.6	24.5	18.3	17.8	80733.6	990.4
Dec 6, 4:00 AM	114.6	24.7	17.3	18.0	81216.8	978.4
Dec 6, 5:00 AM	114.4	24.5	17.3	17.8	80742.7	979.3
Dec 6, 6:00 AM	113.5	24.2	17.1	17.8	80369.2	974.1
Dec 6, 7:00 AM	116.4	24.3	17.0	17.5	79009.1	978.3
Dec 6, 8:00 AM	112.3	24.1	16.8	18.0	80897.8	970.0
Dec 6, 9:00 AM	113.9	24.0	17.0	17.7	79404.1	972.5
Dec 6, 10:00 AM	111.4	23.6	17.6	18.3	80048.1	968.8

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 6, 11:00 AM	112.5	23.8	17.8	18.4	79697.3	969.9
Dec 6, 12:00 PM	112.9	23.8	17.7	18.5	79371.8	972.5
Dec 6, 1:00 PM	112.2	23.5	18.0	19.0	79056.8	970.9
Dec 6, 2:00 PM	113.0	23.6	17.7	18.9	78818.4	970.3
Dec 6, 3:00 PM	114.9	23.8	18.2	18.7	78090.0	980.0
Dec 6, 4:00 PM	114.8	23.4	18.7	18.8	76785.4	985.2
Dec 6, 5:00 PM	114.8	23.2	18.5	18.7	76336.3	988.3
Dec 6, 6:00 PM	114.1	22.7	18.4	18.3	75104.7	988.3
Dec 6, 7:00 PM	112.7	22.9	18.0	18.4	76520.8	976.6
Dec 6, 8:00 PM	112.9	22.6	17.7	18.3	75532.7	974.6
Dec 6, 9:00 PM	112.2	22.4	17.0	18.1	75408.9	967.2
Dec 6, 10:00 PM	113.5	22.9	17.5	18.2	75980.7	973.2
Dec 6, 11:00 PM	114.2	22.9	17.8	18.4	75575.0	981.8
Dec 7, 12:00 AM	114.0	22.9	18.1	18.1	75832.6	982.8
Dec 7, 1:00 AM	112.4	22.5	18.0	18.5	75606.8	982.0
Dec 7, 2:00 AM	113.2	22.7	17.9	18.3	75412.4	976.4
Dec 7, 3:00 AM	113.3	22.6	18.2	18.2	75283.7	980.5
Dec 7, 4:00 AM	113.7	22.5	18.2	18.3	74585.7	985.1
Dec 7, 5:00 AM	114.1	22.4	18.2	18.2	74196.4	985.3
Dec 7, 6:00 AM	113.7	22.3	17.9	18.1	73921.0	985.0
Dec 7, 7:00 AM	113.0	22.2	17.1	17.6	74125.5	973.6
Dec 7, 8:00 AM	112.6	22.1	17.1	17.8	73910.9	973.6
Dec 7, 9:00 AM	112.5	22.4	17.3	17.8	74949.3	972.9
Dec 7, 10:00 AM	112.8	23.4	17.8	18.3	78142.2	975.5
Dec 7, 11:00 AM	115.8	25.4	18.1	18.5	82837.7	974.5
Dec 7, 12:00 PM	117.3	26.5	19.1	18.7	85123.5	996.7
Dec 7, 1:00 PM	115.8	27.1	18.5	18.9	88276.3	990.7
Dec 7, 2:00 PM	114.7	27.5	17.6	18.9	90334.5	971.8

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 7, 3:00 PM	114.8	27.6	17.5	19.1	90679.8	968.8
Dec 7, 4:00 PM	115.1	27.9	17.5	19.1	91324.9	969.8
Dec 7, 5:00 PM	115.9	27.9	18.2	19.3	90766.6	977.1
Dec 7, 6:00 PM	114.2	27.6	17.4	19.0	91032.1	965.6
Dec 7, 7:00 PM	113.8	27.7	17.0	19.0	91696.3	960.3
Dec 7, 8:00 PM	113.5	27.4	16.8	19.3	91053.2	961.7
Dec 7, 9:00 PM	114.8	27.7	17.5	19.1	91123.2	968.3
Dec 7, 10:00 PM	114.2	27.6	17.4	19.6	91122.5	966.3
Dec 7, 11:00 PM	114.0	27.6	17.4	19.5	91194.5	962.0
Dec 8, 12:00 AM	113.5	27.5	17.8	19.4	91478.4	962.7
Dec 8, 1:00 AM	115.1	27.7	18.1	19.4	90787.3	972.8
Dec 8, 2:00 AM	115.7	27.9	18.2	19.5	90908.8	973.0
Dec 8, 3:00 AM	115.6	28.2	17.6	19.3	91925.0	965.9
Dec 8, 4:00 AM	114.4	27.9	17.3	19.3	91799.0	963.9
Dec 8, 5:00 AM	113.4	27.4	16.9	19.1	91129.0	957.9
Dec 8, 6:00 AM	112.7	27.2	16.5	18.9	91081.1	952.0
Dec 8, 7:00 AM	113.3	27.3	16.0	18.9	90976.6	950.8
Dec 8, 8:00 AM	113.4	27.3	16.5	19.0	90847.5	952.2
Dec 8, 9:00 AM	112.0	26.9	16.7	19.4	90648.2	954.7
Dec 8, 10:00 AM	111.4	26.5	16.4	19.1	89753.1	950.3
Dec 8, 11:00 AM	112.3	26.9	17.8	19.3	90332.8	962.3
Dec 8, 12:00 PM	112.3	27.0	18.3	19.5	90660.3	968.9
Dec 8, 1:00 PM	113.0	27.4	18.2	19.9	91413.7	965.9
Dec 8, 2:00 PM	112.2	27.1	17.6	19.7	91072.0	959.5
Dec 8, 3:00 PM	110.8	26.7	17.4	19.5	90939.0	955.9
Dec 8, 4:00 PM	112.6	26.3	17.5	19.2	87933.4	958.1
Dec 8, 5:00 PM	113.0	26.3	17.0	19.1	87751.8	954.2
Dec 8, 6:00 PM	112.6	26.2	17.2	18.9	87727.3	951.3



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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 8, 7:00 PM	114.4	26.6	17.2	18.8	87620.0	955.6
Dec 8, 8:00 PM	113.3	26.1	17.8	19.1	86978.5	964.6
Dec 8, 9:00 PM	114.6	26.4	17.8	19.3	86993.7	965.2
Dec 8, 10:00 PM	114.1	26.4	17.5	19.2	87091.0	966.4
Dec 8, 11:00 PM	114.9	26.6	18.0	19.3	87244.5	965.8
Dec 9, 12:00 AM	114.3	26.5	17.5	19.2	87273.6	963.5
Dec 9, 1:00 AM	113.5	26.2	17.0	19.0	87177.8	960.3
Dec 9, 2:00 AM	113.9	26.5	17.5	19.0	87787.1	963.4
Dec 9, 3:00 AM	114.0	26.5	17.7	19.2	87830.6	965.7
Dec 9, 4:00 AM	115.1	26.6	17.6	19.0	87291.7	964.9
Dec 9, 5:00 AM	115.3	26.6	18.0	19.2	87059.7	973.2
Dec 9, 6:00 AM	114.6	26.5	18.1	19.2	87096.1	971.7
Dec 9, 7:00 AM	115.2	26.4	18.5	19.2	86360.0	976.7
Dec 9, 8:00 AM	118.2	26.9	19.9	19.5	85989.1	995.9
Dec 9, 9:00 AM	120.3	27.7	22.0	20.1	86859.4	1022.4
Dec 9, 10:00 AM	118.5	27.5	20.5	20.1	87622.5	1004.5
Dec 9, 11:00 AM	116.1	27.1	19.6	19.7	88087.0	988.8
Dec 9, 12:00 PM	116.5	27.2	19.8	19.7	88002.3	986.4
Dec 9, 1:00 PM	117.0	27.2	20.0	19.6	87709.9	993.0
Dec 9, 2:00 PM	116.6	27.2	19.3	19.5	87869.2	986.9
Dec 9, 3:00 PM	115.1	27.0	18.5	19.4	88595.3	973.5
Dec 9, 4:00 PM	114.3	26.9	18.6	19.5	88799.7	973.6
Dec 9, 5:00 PM	115.1	27.0	19.0	19.6	88446.1	976.9
Dec 9, 6:00 PM	115.0	27.0	19.0	19.5	88649.6	976.3
Dec 9, 7:00 PM	117.9	27.9	19.7	19.6	89051.9	975.7
Dec 9, 8:00 PM	147.4	26.9	18.9	17.9	69741.3	1048.8
Dec 9, 9:00 PM	156.2	27.2	19.3	17.5	65681.4	1081.6
Dec 9, 10:00 PM	157.0	27.6	19.8	17.5	66212.4	1085.5

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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 9, 11:00 PM	156.5	27.3	19.6	17.5	65886.6	1088.4
Dec 10, 12:00 AM	156.1	27.0	19.3	17.1	65132.3	1085.2
Dec 10, 1:00 AM	154.8	26.8	18.9	17.1	65279.9	1081.7
Dec 10, 2:00 AM	155.5	26.9	18.6	17.0	65247.8	1075.4
Dec 10, 3:00 AM	155.4	26.9	18.9	17.0	65371.8	1079.0
Dec 10, 4:00 AM	155.3	26.8	19.2	17.0	64991.3	1084.4
Dec 10, 5:00 AM	155.5	27.0	19.0	16.9	65451.8	1079.5
Dec 10, 6:00 AM	154.7	26.8	18.7	17.1	65239.6	1082.6
Dec 10, 7:00 AM	155.5	26.8	18.8	17.0	64873.7	1079.1
Dec 10, 8:00 AM	154.9	27.0	19.1	17.1	65627.4	1078.5
Dec 10, 9:00 AM	155.1	26.6	18.7	16.8	64660.3	1076.5
Dec 10, 10:00 AM	155.0	26.3	18.8	16.7	63984.9	1077.2
Dec 10, 11:00 AM	156.5	26.5	19.8	17.1	63892.9	1089.1
Dec 10, 12:00 PM	157.3	26.8	20.2	17.1	64264.0	1096.5
Dec 10, 1:00 PM	157.0	26.9	20.2	17.2	64563.8	1096.0
Dec 10, 2:00 PM	155.9	26.4	19.6	16.9	63979.4	1087.3
Dec 10, 3:00 PM	155.2	26.5	19.4	16.9	64371.2	1084.3
Dec 10, 4:00 PM	155.2	26.6	18.6	16.8	64596.3	1077.0
Dec 10, 5:00 PM	155.2	26.6	18.7	16.7	64687.8	1075.9
Dec 10, 6:00 PM	156.6	27.1	19.1	16.6	65191.7	1076.5
Dec 10, 7:00 PM	155.2	26.8	18.8	16.6	65059.7	1076.5
Dec 10, 8:00 PM	156.5	26.9	18.4	16.4	64860.1	1075.3
Dec 10, 9:00 PM	159.5	27.1	20.2	16.6	64085.7	1098.1
Dec 10, 10:00 PM	158.5	26.9	18.8	16.4	63959.2	1082.8
Dec 10, 11:00 PM	155.6	26.6	18.8	16.5	64582.1	1069.9
Dec 11, 12:00 AM	144.8	13.3	17.1	13.9	34313.3	1041.7
Dec 11, 1:00 AM	143.2	10.1	17.3	12.6	26586.7	1040.2
Dec 11, 2:00 AM	128.0	9.3	11.7	11.2	27467.2	991.8

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 11, 3:00 AM	132.0	9.3	12.5	12.0	26581.9	968.6
Dec 11, 4:00 AM	132.0	9.5	14.8	11.6	27178.8	984.5
Dec 11, 5:00 AM	140.5	9.6	21.4	12.8	25718.1	1087.1
Dec 11, 6:00 AM	173.5					
Dec 11, 7:00 AM	168.2	21.9	32.6	16.0	49873.4	911.6
Dec 11, 8:00 AM	189.2	25.4	31.2	16.2	51472.3	641.4
Dec 11, 9:00 AM	174.2					
Dec 11, 10:00 AM	163.0	16.9	24.0	14.3	38754.6	1145.7
Dec 11, 11:00 AM	167.8	16.2	24.7	14.0	36361.3	1132.8
Dec 11, 12:00 PM	165.3	14.1	21.8	13.4	32044.5	1115.7
Dec 11, 1:00 PM	157.2	11.6	19.3	12.3	27571.1	1099.4
Dec 11, 2:00 PM	167.5	12.4	20.9	12.6	28005.2	1107.9
Dec 11, 3:00 PM	168.7	11.3	21.0	12.4	25344.1	1107.8
Dec 11, 4:00 PM	159.1	8.8	19.1	11.0	20636.1	1098.1
Dec 11, 5:00 PM	151.7	6.5	17.7	9.9	16124.0	1077.9
Dec 11, 6:00 PM	160.9	6.0	18.2	9.6	14088.2	1067.3
Dec 11, 7:00 PM	150.8	4.7	16.2	8.5	11722.6	1070.1
Dec 11, 8:00 PM	150.8	4.1	13.4	7.7	10388.3	1028.9
Dec 11, 9:00 PM	127.5	3.7	9.8	7.0	10908.0	1010.3
Dec 11, 10:00 PM	446.0	6.0	12.2	6.9	8129.0	644.8
Dec 11, 11:00 PM	83.7	3.1	5.8	7.1	14024.6	801.0
Dec 12, 12:00 AM	174.1	4.0	9.0	7.2	9611.4	591.7
Dec 12, 1:00 AM	148.1	3.9	7.5	7.5	11721.3	675.6
Dec 12, 2:00 AM	86.4	3.2	5.1	7.1	14150.6	807.7
Dec 12, 3:00 AM	87.3	3.4	5.0	7.3	14763.4	826.2
Dec 12, 4:00 AM	87.0	3.7	5.1	7.6	16108.4	826.5
Dec 12, 5:00 AM	87.0	3.9	5.0	8.0	16992.1	829.5
Dec 12, 6:00 AM	88.3	4.4	5.3	8.3	18592.9	828.2

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 12, 7:00 AM	87.9	4.1	4.9	8.2	17472.0	830.4
Dec 12, 8:00 AM	87.7	4.0	4.6	8.1	17144.6	831.5
Dec 12, 9:00 AM	87.3	4.0	4.7	8.3	17309.5	832.2
Dec 12, 10:00 AM	86.5	4.1	4.7	8.4	17640.0	829.8
Dec 12, 11:00 AM	88.0	4.1	5.1	8.1	17396.3	826.6
Dec 12, 12:00 PM	86.7	3.9	5.5	7.9	16995.1	828.5
Dec 12, 1:00 PM	87.1	3.9	5.4	7.9	16778.3	828.1
Dec 12, 2:00 PM	87.2	3.9	5.4	7.9	16736.8	830.1
Dec 12, 3:00 PM	88.3	4.3	5.5	8.2	18279.5	831.3
Dec 12, 4:00 PM	88.5	4.0	5.0	8.3	17035.9	832.3
Dec 12, 5:00 PM	88.5	3.9	5.1	8.0	16518.3	832.5
Dec 12, 6:00 PM	88.4	3.8	4.7	8.1	16337.3	832.3
Dec 12, 7:00 PM	88.4	3.9	4.7	7.9	16425.9	834.7
Dec 12, 8:00 PM	87.5	3.7	4.6	8.0	16129.6	834.4
Dec 12, 9:00 PM	127.4	4.2	6.1	8.3	12938.4	744.0
Dec 12, 10:00 PM	283.1	4.8	7.1	8.4	9039.6	509.8
Dec 12, 11:00 PM	106.3	3.7	4.6	7.9	13526.5	686.6
Dec 13, 12:00 AM	86.5	3.9	4.1	8.4	16999.2	790.8
Dec 13, 1:00 AM	86.7	4.0	4.2	8.4	17428.8	819.3
Dec 13, 2:00 AM	87.1	3.8	3.8	8.1	16506.7	823.4
Dec 13, 3:00 AM	87.0	3.7	3.8	8.1	16207.9	824.0
Dec 13, 4:00 AM	86.1	3.7	3.5	8.1	16294.3	817.5
Dec 13, 5:00 AM	86.7	3.7	3.9	8.0	16054.2	823.3
Dec 13, 6:00 AM	87.8	3.7	4.3	8.2	16008.8	822.5
Dec 13, 7:00 AM	87.1	3.7	4.2	8.3	15938.6	822.7
Dec 13, 8:00 AM	87.0	3.7	3.7	8.1	16231.4	826.1
Dec 13, 9:00 AM	86.8	3.7	4.0	8.1	16274.3	826.8
Dec 13, 10:00 AM	87.0	4.0	4.6	8.3	17338.2	825.8

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 13, 11:00 AM	86.9	3.7	5.0	7.9	15978.8	826.2
Dec 13, 12:00 PM	87.2	3.6	4.7	7.7	15577.3	828.3
Dec 13, 1:00 PM	86.7	3.5	5.0	7.6	15371.7	822.1
Dec 13, 2:00 PM	87.7	3.5	4.8	7.7	14965.9	815.4
Dec 13, 3:00 PM	92.7	3.6	4.8	7.6	14579.1	785.9
Dec 13, 4:00 PM	90.8	3.5	4.5	7.6	14582.6	783.2
Dec 13, 5:00 PM	91.0	3.5	4.7	7.7	14620.3	781.5
Dec 13, 6:00 PM	92.9	3.7	4.8	7.8	15034.3	782.1
Dec 13, 7:00 PM	91.8	3.6	4.7	7.5	14953.8	782.5
Dec 13, 8:00 PM	93.0	4.0	4.7	8.1	16221.9	780.1
Dec 13, 9:00 PM	93.0	3.8	4.7	8.0	15339.1	783.0
Dec 13, 10:00 PM	92.0	3.8	4.4	7.9	15478.7	782.1
Dec 13, 11:00 PM	91.6	3.9	4.7	7.9	16038.1	780.1
Dec 14, 12:00 AM	92.2	3.9	4.5	7.8	16127.8	781.6
Dec 14, 1:00 AM	91.7	4.0	4.5	7.9	16320.5	781.2
Dec 14, 2:00 AM	93.2	4.0	4.6	8.1	16315.7	782.5
Dec 14, 3:00 AM	92.8	4.1	4.7	7.9	16684.7	781.0
Dec 14, 4:00 AM	93.2	4.1	4.5	8.2	16684.8	783.4
Dec 14, 5:00 AM	92.0	4.1	4.6	8.1	16603.9	782.5
Dec 14, 6:00 AM	92.8	4.2	4.6	8.2	16895.0	781.0
Dec 14, 7:00 AM	91.4	4.0	4.4	8.2	16593.6	782.5
Dec 14, 8:00 AM	91.2	3.9	4.1	8.1	16229.4	782.0
Dec 14, 9:00 AM	92.5	4.0	4.1	8.2	16304.0	781.7
Dec 14, 10:00 AM	86.5	3.8	4.8	8.0	16819.1	797.6
Dec 14, 11:00 AM	91.3	3.9	5.1	7.9	16261.1	816.5
Dec 14, 12:00 PM	91.3	3.7	5.5	7.9	15341.4	787.9
Dec 14, 1:00 PM	90.2	3.6	5.5	7.7	15118.8	788.0
Dec 14, 2:00 PM	104.1	3.7	5.8	7.5	13350.5	764.9

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 14, 3:00 PM	91.4	3.5	5.5	7.5	14347.6	807.6
Dec 14, 4:00 PM	240.3	4.4	5.9	5.9	8753.3	998.5
Dec 14, 5:00 PM	92.7	3.8	5.0	6.9	15437.2	904.2
Dec 14, 6:00 PM	92.1	3.6	5.0	6.9	14767.2	810.1
Dec 14, 7:00 PM	89.8	3.5	4.6	6.9	14516.3	779.5
Dec 14, 8:00 PM	91.2	3.4	4.9	7.0	14163.7	783.0
Dec 14, 9:00 PM	92.0	3.5	4.6	6.9	14193.9	782.0
Dec 14, 10:00 PM	92.0	3.5	4.7	7.0	14187.0	782.9
Dec 14, 11:00 PM	91.7	3.5	5.0	7.1	14301.1	783.7
Dec 15, 12:00 AM	92.3	3.5	5.0	7.2	14328.3	783.4
Dec 15, 1:00 AM	92.0	3.5	5.1	7.2	14193.4	784.4
Dec 15, 2:00 AM	92.9	3.4	5.4	7.1	13879.2	784.3
Dec 15, 3:00 AM	91.9	3.3	5.2	7.0	13614.4	784.8
Dec 15, 4:00 AM	92.5	3.5	5.4	7.0	14364.0	781.3
Dec 15, 5:00 AM	95.6	3.4	5.7	7.2	13290.3	778.9
Dec 15, 6:00 AM	97.8	4.2	6.6	7.4	15817.0	791.7
Dec 15, 7:00 AM	95.3	3.5	5.4	7.4	13696.0	773.5
Dec 15, 8:00 AM	94.2	3.3	5.7	7.3	13305.5	789.6
Dec 15, 9:00 AM	93.6	3.2	5.4	7.2	13050.2	788.9
Dec 15, 10:00 AM	94.1	3.3	5.5	7.1	13028.1	787.5
Dec 15, 11:00 AM	93.8	3.2	5.9	7.0	12929.6	788.2
Dec 15, 12:00 PM	94.0	3.2	5.8	6.9	12837.2	786.6
Dec 15, 1:00 PM	99.4	3.2	5.1	6.7	12393.1	830.8
Dec 15, 2:00 PM	112.6	3.1	5.1	6.3	10513.4	814.5
Dec 15, 3:00 PM	112.2	3.1	5.6	6.0	10377.9	811.4
Dec 15, 4:00 PM	111.8	3.1	5.5	6.1	10513.2	811.4
Dec 15, 5:00 PM	111.7	3.1	5.7	6.2	10467.0	810.0
Dec 15, 6:00 PM	112.2	3.0	5.5	6.1	10185.4	808.6

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 15, 7:00 PM	112.1	3.0	5.5	5.9	10183.3	809.0
Dec 15, 8:00 PM	113.1	3.0	5.5	5.9	10047.2	806.7
Dec 15, 9:00 PM	112.7	4.0	5.5	6.4	13278.4	814.5
Dec 15, 10:00 PM	112.8	5.8	5.5	7.7	19472.1	810.5
Dec 15, 11:00 PM	112.7	6.8	5.0	8.2	22684.0	811.0
Dec 16, 12:00 AM	114.3	11.1	5.1	9.9	36471.1	808.4
Dec 16, 1:00 AM	113.9	11.7	4.9	10.5	38882.6	807.6
Dec 16, 2:00 AM	114.3	11.8	4.7	10.5	38945.8	807.3
Dec 16, 3:00 AM	114.2	11.8	4.7	10.5	38839.9	807.7
Dec 16, 4:00 AM	116.7	11.8	4.5	10.8	38045.3	803.5
Dec 16, 5:00 AM	114.4	11.9	5.1	10.9	39140.1	811.8
Dec 16, 6:00 AM	112.9	11.7	4.8	11.0	39175.4	803.2
Dec 16, 7:00 AM	112.9	11.6	4.5	10.9	38872.6	803.3
Dec 16, 8:00 AM	99.8	11.4	4.8	11.3	43123.4	790.8
Dec 16, 9:00 AM	99.5	11.6	5.1	11.8	44192.6	785.3
Dec 16, 10:00 AM	109.6	13.0	5.3	12.0	44574.5	772.4
Dec 16, 11:00 AM	93.6	12.9	5.7	12.5	52416.3	869.2
Dec 16, 12:00 PM	97.9	12.4	4.9	12.2	47660.1	810.6
Dec 16, 1:00 PM	97.7	11.9	4.9	11.8	45880.4	796.4
Dec 16, 2:00 PM	118.9	12.8	6.0	12.0	41450.5	806.3
Dec 16, 3:00 PM	99.0	12.0	5.0	12.0	45765.6	853.2
Dec 16, 4:00 PM	98.2	11.9	5.1	11.7	45538.2	802.2
Dec 16, 5:00 PM	99.1	11.9	4.8	12.1	45460.6	791.3
Dec 16, 6:00 PM	98.4	11.9	5.1	11.9	45523.9	787.6
Dec 16, 7:00 PM	96.9	11.8	5.3	12.1	45899.8	788.6
Dec 16, 8:00 PM	93.6	11.8	4.7	12.0	47681.0	781.1
Dec 16, 9:00 PM	94.3	11.8	5.0	12.3	47179.5	780.2
Dec 16, 10:00 PM	102.8	11.8	5.8	12.1	43313.4	728.9

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 16, 11:00 PM	93.5	11.4	6.7	12.6	46482.3	775.3
Dec 17, 12:00 AM	95.7	11.6	9.7	13.8	46120.9	792.7
Dec 17, 1:00 AM	142.8	13.4	50.8	24.6	35664.2	1145.6
Dec 17, 2:00 AM	101.4	11.5	23.2	18.0	43766.7	949.8
Dec 17, 3:00 AM	92.1	11.1	10.6	14.1	45313.0	829.3
Dec 17, 4:00 AM	93.4	11.3	9.9	13.8	45677.2	821.8
Dec 17, 5:00 AM	93.6	11.4	9.1	13.5	46050.7	811.7
Dec 17, 6:00 AM	93.5	11.7	8.8	13.3	47035.8	805.2
Dec 17, 7:00 AM	238.9	14.1	8.4	12.7	42958.6	815.6
Dec 17, 8:00 AM	1396.2	12.5	2.9	5.4	3387.3	940.2
Dec 17, 9:00 AM	1304.6	11.6	1.9	4.4	3355.2	937.3
Dec 17, 10:00 AM	1300.9	11.8	1.8	4.2	3403.2	938.6
Dec 17, 11:00 AM	1303.4	12.0	1.8	4.3	3454.5	938.9
Dec 17, 12:00 PM	1304.4	12.1	1.6	4.2	3479.7	938.9
Dec 17, 1:00 PM	1262.3	12.3	1.8	4.1	3664.2	938.6
Dec 17, 2:00 PM	1251.5	12.3	1.7	4.0	3690.7	938.3
Dec 17, 3:00 PM	1251.4	12.0	1.5	4.2	3621.1	936.7
Dec 17, 4:00 PM	1218.3	12.2	1.6	4.0	3759.8	936.2
Dec 17, 5:00 PM	1196.8	11.6	1.7	4.0	3641.7	935.5
Dec 17, 6:00 PM	1155.9	11.4	1.7	3.9	3728.0	934.6
Dec 17, 7:00 PM	580.1	8.7	4.8	7.7	31749.3	842.9
Dec 17, 8:00 PM	37.6	10.9	12.4	16.6	109415.2	598.7
Dec 17, 9:00 PM	37.4	11.0	11.5	17.1	110626.1	584.3
Dec 17, 10:00 PM	39.2	11.4	11.1	17.1	109843.1	577.7
Dec 17, 11:00 PM	40.6	11.7	10.3	16.8	108075.6	569.6
Dec 18, 12:00 AM	40.2	11.6	10.0	16.7	108429.8	565.0
Dec 18, 1:00 AM	41.0	11.8	9.4	16.8	108501.1	555.5
Dec 18, 2:00 AM	41.9	12.1	9.0	16.6	108759.4	547.9



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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 18, 3:00 AM	41.4	11.9	8.9	16.5	108699.7	541.9
Dec 18, 4:00 AM	40.9	11.8	8.6	16.5	108471.6	541.0
Dec 18, 5:00 AM	40.9	11.7	8.9	16.5	107733.8	543.1
Dec 18, 6:00 AM	40.9	11.7	8.6	16.3	107861.5	539.6
Dec 18, 7:00 AM	43.2	12.5	8.7	16.3	109132.7	540.5
Dec 18, 8:00 AM	55.9					
Dec 18, 9:00 AM	142.7					
Dec 18, 10:00 AM	134.1					
Dec 18, 11:00 AM	152.7	18.5	99.7	40.4	45730.8	2262.3
Dec 18, 12:00 PM	155.4	18.4	100.0	38.7	44393.3	2291.6
Dec 18, 1:00 PM	154.4	18.9	96.3	36.8	46042.5	2275.0
Dec 18, 2:00 PM	151.3	19.2	93.0	35.1	47780.3	2259.5
Dec 18, 3:00 PM	150.8	19.7	90.5	33.6	49076.0	2242.1
Dec 18, 4:00 PM	93.6	16.3	63.4	29.7	82674.6	1719.1
Dec 18, 5:00 PM	47.0	15.3	25.6	23.3	122972.7	899.4
Dec 18, 6:00 PM	45.7	15.5	22.8	23.1	127708.6	844.0
Dec 18, 7:00 PM	46.2	16.0	21.0	23.0	130396.1	805.1
Dec 18, 8:00 PM	47.6	17.1	21.0	24.0	135841.5	788.5
Dec 18, 9:00 PM	46.9	17.5	19.0	23.9	140329.8	746.5
Dec 18, 10:00 PM	47.6	17.9	17.8	25.4	141648.5	749.7
Dec 18, 11:00 PM	46.9	18.1	15.6	23.0	145172.5	722.3
Dec 19, 12:00 AM	47.7	18.8	14.9	22.0	148822.0	710.9
Dec 19, 1:00 AM	46.8	18.6	13.7	21.3	150183.6	700.3
Dec 19, 2:00 AM	48.4	19.4	13.1	20.6	151199.3	689.0
Dec 19, 3:00 AM	46.5	18.8	13.0	20.8	152144.9	689.4
Dec 19, 4:00 AM	46.5	18.7	12.8	20.4	151354.3	675.1
Dec 19, 5:00 AM	45.5	18.5	13.1	20.1	153531.5	665.9
Dec 19, 6:00 AM	46.1	18.9	13.1	19.4	154614.9	660.5

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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 19, 7:00 AM	47.1	19.5	13.1	19.3	156429.9	653.1
Dec 19, 8:00 AM	46.7	19.8	12.6	19.6	159509.5	644.8
Dec 19, 9:00 AM	46.5	19.8	12.5	19.4	160681.5	641.9
Dec 19, 10:00 AM	45.1	19.4	12.6	19.2	162563.9	642.3
Dec 19, 11:00 AM	46.1	19.7	12.6	19.1	159144.5	586.8
Dec 19, 12:00 PM	45.1	19.5	12.9	19.6	162644.9	646.5
Dec 19, 1:00 PM	44.6	19.0	14.1	20.1	160536.4	663.6
Dec 19, 2:00 PM	44.4	21.3	12.9	20.5	181192.7	639.4
Dec 19, 3:00 PM	43.1	17.3	12.3	19.7	151454.4	625.0
Dec 19, 4:00 PM	40.5	11.0	13.5	18.9	102410.2	626.2
Dec 19, 5:00 PM	41.1	8.7	14.6	19.3	80196.2	627.4
Dec 19, 6:00 PM	41.0	7.1	14.8	18.6	64847.5	623.4
Dec 19, 7:00 PM	41.5	6.1	14.8	18.0	55214.2	625.2
Dec 19, 8:00 PM	40.5	5.1	15.1	17.3	47825.7	624.6
Dec 19, 9:00 PM	39.9	4.5	14.9	17.1	42834.9	622.9
Dec 19, 10:00 PM	43.0	4.1	15.1	15.8	35764.7	623.0
Dec 19, 11:00 PM	39.2	3.0	15.2	15.3	28922.0	614.7
Dec 20, 12:00 AM	41.1	3.3	15.4	15.1	30086.8	624.9
Dec 20, 1:00 AM	40.9	3.5	15.4	15.2	32546.3	634.2
Dec 20, 2:00 AM	40.6	3.6	14.9	15.2	33822.0	639.9
Dec 20, 3:00 AM	41.2	3.9	14.6	15.3	35692.2	628.1
Dec 20, 4:00 AM	41.8	4.7	14.4	15.6	42604.3	632.0
Dec 20, 5:00 AM	41.9	7.1	13.5	16.5	63513.5	638.0
Dec 20, 6:00 AM	44.0	11.1	13.6	17.9	95230.4	631.4
Dec 20, 7:00 AM	43.2	12.3	13.4	18.0	107055.6	630.4
Dec 20, 8:00 AM	42.1	9.3	13.5	17.9	83103.8	627.1
Dec 20, 9:00 AM	41.6	7.4	13.9	17.7	67007.6	632.9
Dec 20, 10:00 AM	44.5	7.3	19.9	19.6	62157.8	728.4

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 20, 11:00 AM	65.4	11.5	63.8	28.1	73704.9	1158.1
Dec 20, 12:00 PM	40.9	13.8	29.0	24.3	126623.0	771.5
Dec 20, 1:00 PM	44.6	23.4	20.7	23.3	197242.4	679.3
Dec 20, 2:00 PM	47.0	28.9	19.0	23.9	232075.5	650.8
Dec 20, 3:00 PM	45.0	25.9	20.4	24.1	216590.0	646.3
Dec 20, 4:00 PM	45.1	23.9	15.3	21.8	199567.9	597.1
Dec 20, 5:00 PM	45.8	22.9	15.7	21.0	188729.4	589.2
Dec 20, 6:00 PM	44.8	19.1	14.3	20.4	160756.9	581.5
Dec 20, 7:00 PM	46.5	17.1	14.5	19.4	139194.8	562.7
Dec 20, 8:00 PM	53.8	36.5	12.2	24.3	254425.5	590.4
Dec 20, 9:00 PM	54.4	45.3	11.0	27.1	314057.4	614.1
Dec 20, 10:00 PM	53.5	42.9	9.9	26.7	302319.0	610.0
Dec 20, 11:00 PM	50.9	35.9	9.6	26.1	265573.6	608.8
Dec 21, 12:00 AM	50.3	33.1	10.0	25.7	247905.5	603.9
Dec 21, 1:00 AM	50.1	33.4	10.1	25.6	250899.0	604.7
Dec 21, 2:00 AM	50.5	33.6	10.2	25.6	250958.8	607.4
Dec 21, 3:00 AM	51.0	33.4	10.6	25.6	246559.4	600.7
Dec 21, 4:00 AM	51.0	32.3	10.7	25.1	238863.3	599.1
Dec 21, 5:00 AM	49.2	30.5	11.0	25.0	233756.2	594.4
Dec 21, 6:00 AM	49.6	29.0	11.4	24.8	220730.4	592.4
Dec 21, 7:00 AM	52.3	29.3	11.6	24.5	211357.6	585.8
Dec 21, 8:00 AM	51.5	29.3	11.8	24.4	214373.9	561.4
Dec 21, 9:00 AM	68.0	33.2	31.9	29.8	184700.3	733.2
Dec 21, 10:00 AM	50.7	28.8	51.5	37.8	216543.2	940.8
Dec 21, 11:00 AM	46.7	24.2	23.3	28.9	195779.4	678.0
Dec 21, 12:00 PM	49.4	29.4	21.7	30.5	225139.2	682.0
Dec 21, 1:00 PM	48.9	28.2	17.6	30.4	217664.7	647.2
Dec 21, 2:00 PM	47.0	26.6	14.2	27.8	213125.1	621.4

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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 21, 3:00 PM	49.1	28.0	13.8	26.8	215350.8	610.3
Dec 21, 4:00 PM	49.1	31.1	13.8	26.5	238655.5	574.1
Dec 21, 5:00 PM	49.6	33.7	13.5	26.4	256521.1	595.2
Dec 21, 6:00 PM	52.9	40.5	13.7	26.7	288706.0	593.1
Dec 21, 7:00 PM	54.8	42.5	13.4	26.6	292224.9	583.4
Dec 21, 8:00 PM	53.6	43.2	12.8	26.8	303596.8	590.6
Dec 21, 9:00 PM	54.1	45.5	13.0	27.2	317021.8	588.4
Dec 21, 10:00 PM	52.6	44.6	12.7	27.2	320032.6	588.0
Dec 21, 11:00 PM	52.8	45.5	12.3	27.3	324797.1	587.7
Dec 22, 12:00 AM	53.6	46.9	12.3	27.5	329991.2	582.4
Dec 22, 1:00 AM	52.1	45.6	12.1	27.5	330139.4	585.7
Dec 22, 2:00 AM	51.6	45.1	11.6	27.7	330094.4	586.4
Dec 22, 3:00 AM	53.2	46.3	11.6	28.2	328042.8	586.5
Dec 22, 4:00 AM	52.6	45.7	11.5	28.1	327290.0	584.8
Dec 22, 5:00 AM	52.0	45.7	11.1	27.8	331455.8	586.5
Dec 22, 6:00 AM	51.1	44.9	11.2	27.4	331833.1	584.3
Dec 22, 7:00 AM	50.7	44.1	11.0	27.7	328187.5	582.3
Dec 22, 8:00 AM	50.9	44.6	11.1	27.2	330087.0	581.0
Dec 22, 9:00 AM	51.4	44.8	10.8	28.0	328896.3	587.8
Dec 22, 10:00 AM	51.3	44.6	9.7	30.1	326671.1	561.9
Dec 22, 11:00 AM	52.3	44.7	9.5	29.2	322384.2	601.4
Dec 22, 12:00 PM	50.8	43.5	8.7	29.6	322992.0	600.8
Dec 22, 1:00 PM	51.2	43.7	8.2	29.3	322463.1	602.3
Dec 22, 2:00 PM	51.1	43.5	8.6	28.8	320878.7	601.3
Dec 22, 3:00 PM	51.0	43.6	9.1	28.4	322452.3	597.9
Dec 22, 4:00 PM	51.0	43.6	9.4	27.7	322871.8	596.6
Dec 22, 5:00 PM	51.4	44.1	9.7	27.4	323408.1	593.4
Dec 22, 6:00 PM	51.2	44.0	10.2	27.2	324240.2	590.6

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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 22, 7:00 PM	53.7	44.6	10.3	26.5	313390.2	573.4
Dec 22, 8:00 PM	51.9	44.2	10.7	26.4	320825.7	582.2
Dec 22, 9:00 PM	50.9	44.0	11.2	26.4	325781.0	585.8
Dec 22, 10:00 PM	51.9	44.9	10.8	26.3	326194.3	587.6
Dec 22, 11:00 PM	50.9	44.0	10.9	26.7	325929.4	587.8
Dec 23, 12:00 AM	49.6	42.6	10.4	26.6	323818.5	590.1
Dec 23, 1:00 AM	50.6	43.6	10.8	27.1	324892.4	593.4
Dec 23, 2:00 AM	51.1	43.8	10.3	27.3	323252.0	598.3
Dec 23, 3:00 AM	51.7	44.3	10.0	27.4	322911.4	596.2
Dec 23, 4:00 AM	51.4	44.0	10.0	27.0	322848.4	595.8
Dec 23, 5:00 AM	51.8	44.3	10.2	26.9	321957.3	596.4
Dec 23, 6:00 AM	51.7	44.1	10.3	27.0	321561.3	594.9
Dec 23, 7:00 AM	51.3	43.5	10.7	27.1	319708.2	598.5
Dec 23, 8:00 AM	51.5	43.6	10.5	26.9	319056.1	593.2
Dec 23, 9:00 AM	51.2	43.3	11.1	27.1	318510.3	594.3
Dec 23, 10:00 AM	51.9	43.7	11.1	27.5	317466.1	596.6
Dec 23, 11:00 AM	52.8	44.5	10.8	26.9	317601.7	597.9
Dec 23, 12:00 PM	53.0	45.5	10.6	26.5	323029.6	595.7
Dec 23, 1:00 PM	51.3	43.9	10.8	26.4	322851.0	595.8
Dec 23, 2:00 PM	51.6	43.9	10.7	26.1	321371.2	594.7
Dec 23, 3:00 PM	51.5	43.6	10.9	26.1	319652.7	596.0
Dec 23, 4:00 PM	52.3	43.8	11.1	26.0	315800.2	588.7
Dec 23, 5:00 PM	51.0	42.7	11.5	26.2	315771.4	592.1
Dec 23, 6:00 PM	49.6	41.6	11.3	26.0	316481.8	593.5
Dec 23, 7:00 PM	52.0	43.6	11.3	26.1	316827.1	591.9
Dec 23, 8:00 PM	50.8	42.3	10.9	26.1	313889.6	594.4
Dec 23, 9:00 PM	51.6	43.1	11.5	26.1	315251.5	593.8
Dec 23, 10:00 PM	50.3	42.3	11.1	26.3	317420.6	592.3

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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 23, 11:00 PM	50.4	42.3	11.3	26.2	316390.7	594.6
Dec 24, 12:00 AM	49.2	41.2	11.3	26.3	315826.6	594.0
Dec 24, 1:00 AM	50.0	42.1	11.0	26.2	317351.9	597.6
Dec 24, 2:00 AM	49.5	41.8	11.2	26.1	318137.7	592.0
Dec 24, 3:00 AM	50.2	42.1	10.7	26.1	316083.7	593.0
Dec 24, 4:00 AM	50.9	41.9	11.0	25.3	310446.2	588.8
Dec 24, 5:00 AM	49.2	40.3	11.4	25.6	309357.6	588.4
Dec 24, 6:00 AM	50.2	41.8	11.0	25.5	313695.5	586.0
Dec 24, 7:00 AM	48.0	35.7	11.8	25.0	279913.8	584.7
Dec 24, 8:00 AM	50.6	41.6	11.0	25.4	309796.5	587.7
Dec 24, 9:00 AM	50.5	41.7	11.2	25.2	311409.9	585.8
Dec 24, 10:00 AM	50.1	40.7	11.3	25.1	306163.5	586.0
Dec 24, 11:00 AM	49.2	36.5	11.8	25.0	277973.5	586.9
Dec 24, 12:00 PM	51.3	42.5	11.1	25.4	312329.6	586.7
Dec 24, 1:00 PM	49.9	40.9	11.0	25.4	308973.9	587.1
Dec 24, 2:00 PM	51.6	42.6	11.2	25.6	311058.5	588.3
Dec 24, 3:00 PM	49.5	40.9	11.2	25.5	311380.7	590.0
Dec 24, 4:00 PM	49.6	41.3	11.0	25.5	313727.7	588.5
Dec 24, 5:00 PM	48.1	40.0	10.9	25.5	313271.8	584.3
Dec 24, 6:00 PM	47.7	39.2	11.0	25.4	309686.5	585.9
Dec 24, 7:00 PM	52.0	41.3	11.7	25.8	299531.0	566.3
Dec 24, 8:00 PM	48.6	40.0	11.2	25.5	310660.8	581.2
Dec 24, 9:00 PM	48.7	40.7	10.8	25.7	314814.6	587.1
Dec 24, 10:00 PM	48.4	40.3	10.9	25.7	313784.1	584.9
Dec 24, 11:00 PM	48.8	40.8	11.4	25.7	315208.9	584.3
Dec 25, 12:00 AM	48.2	40.2	11.0	25.6	314309.3	585.8
Dec 25, 1:00 AM	49.1	40.7	11.1	25.6	312945.5	586.7
Dec 25, 2:00 AM	48.5	40.8	11.2	25.2	316811.7	582.6

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Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 25, 3:00 AM	47.7	39.9	11.1	25.6	315997.2	586.3
Dec 25, 4:00 AM	47.2	39.4	10.7	25.7	314719.0	583.6
Dec 25, 5:00 AM	48.4	40.2	10.9	25.3	313438.6	585.1
Dec 25, 6:00 AM	48.9	40.8	10.9	25.2	314714.2	582.3
Dec 25, 7:00 AM	47.9	39.9	11.0	25.4	314179.1	582.8
Dec 25, 8:00 AM	47.6	39.4	11.3	25.5	315328.7	303.3
Dec 25, 9:00 AM	48.0					
Dec 25, 10:00 AM	49.0	40.5	11.3	24.6	311565.2	580.7
Dec 25, 11:00 AM	48.1	39.7	10.9	24.9	311077.7	584.5
Dec 25, 12:00 PM	49.9	41.4	11.0	25.1	312706.8	584.4
Dec 25, 1:00 PM	49.4	41.0	11.2	25.1	312967.5	585.8
Dec 25, 2:00 PM	47.2	39.2	10.8	25.3	313527.6	587.1
Dec 25, 3:00 PM	48.6	40.5	10.4	25.3	314509.7	584.8
Dec 25, 4:00 PM	46.1	40.4	10.7	25.2	331113.9	550.7
Dec 25, 5:00 PM	47.7	39.6	10.6	25.2	313298.5	585.3
Dec 25, 6:00 PM	47.5	39.7	10.9	25.2	315094.0	583.4
Dec 25, 7:00 PM	47.9	39.8	10.8	25.1	313548.7	584.9
Dec 25, 8:00 PM	48.5	40.2	11.0	25.3	312531.3	586.7
Dec 25, 9:00 PM	48.9	40.6	10.8	25.3	312888.8	586.9
Dec 25, 10:00 PM	49.7	41.5	11.1	25.2	314961.3	584.9
Dec 25, 11:00 PM	47.4	39.2	11.1	25.2	312056.7	588.1
Dec 26, 12:00 AM	48.1	39.7	11.0	25.2	311522.9	585.6
Dec 26, 1:00 AM	48.4	40.3	11.3	25.4	313960.0	586.5
Dec 26, 2:00 AM	48.5	40.7	11.2	25.7	315809.5	587.9
Dec 26, 3:00 AM	47.2	39.5	10.8	25.4	315968.1	588.1
Dec 26, 4:00 AM	47.9	39.7	10.9	25.4	312649.3	589.0
Dec 26, 5:00 AM	48.9	40.9	11.1	25.5	315369.3	587.1
Dec 26, 6:00 AM	49.4	41.2	10.9	25.6	314728.1	589.9

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Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 26, 7:00 AM	48.9	40.8	10.8	25.4	314520.5	588.1
Dec 26, 8:00 AM	48.8	40.6	11.2	25.3	314149.5	587.5
Dec 26, 9:00 AM	49.0	40.8	10.9	25.6	313941.2	589.5
Dec 26, 10:00 AM	48.4	40.3	11.2	25.4	314055.8	590.8
Dec 26, 11:00 AM	49.6	41.2	10.9	25.7	313532.6	589.7
Dec 26, 12:00 PM	48.8	40.6	10.9	25.8	313626.6	590.8
Dec 26, 1:00 PM	48.9	40.5	11.0	25.8	312056.6	591.8
Dec 26, 2:00 PM	50.0	41.5	11.3	25.8	312695.3	588.8
Dec 26, 3:00 PM	49.9	41.4	11.2	25.6	313080.0	588.9
Dec 26, 4:00 PM	48.9	40.6	10.9	25.5	313091.3	588.9
Dec 26, 5:00 PM	49.3	40.7	11.0	25.7	311502.3	591.1
Dec 26, 6:00 PM	50.6	41.2	12.2	25.8	307155.8	588.6
Dec 26, 7:00 PM	47.7	39.5	13.1	26.8	312704.6	611.8
Dec 26, 8:00 PM	49.3	40.6	12.0	25.9	310947.2	596.3
Dec 26, 9:00 PM	49.7	41.2	11.7	26.0	312829.0	595.3
Dec 26, 10:00 PM	49.8	41.2	11.8	25.7	311673.8	598.0
Dec 26, 11:00 PM	49.5	41.0	11.6	25.9	312216.3	596.1
Dec 27, 12:00 AM	50.0	41.4	12.2	26.0	311891.9	596.5
Dec 27, 1:00 AM	48.6	40.2	11.9	25.9	311622.1	599.3
Dec 27, 2:00 AM	48.1	40.0	11.3	25.7	313190.6	592.8
Dec 27, 3:00 AM	48.2	39.9	11.7	25.8	312305.0	593.6
Dec 27, 4:00 AM	48.9	40.1	11.5	25.6	309614.7	594.5
Dec 27, 5:00 AM	47.7	39.6	11.4	25.8	312566.7	593.1
Dec 27, 6:00 AM	47.9	39.7	11.9	25.8	312291.2	596.0
Dec 27, 7:00 AM	48.3	40.0	11.9	26.0	311966.0	594.8
Dec 27, 8:00 AM	48.6					
Dec 27, 9:00 AM	148.3					
Dec 27, 10:00 AM	670.1					



## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 27, 11:00 AM	169.3	62.8	114.4	72.1	139941.1	2195.6
Dec 27, 12:00 PM	161.8	63.7	110.8	66.1	148634.4	2141.4
Dec 27, 1:00 PM	166.7	64.5	108.1	60.9	145792.3	2159.8
Dec 27, 2:00 PM	166.7	64.5	105.2	57.5	145719.5	2161.8
Dec 27, 3:00 PM	167.4	64.5	101.8	54.7	145146.1	2153.7
Dec 27, 4:00 PM	167.5	64.3	100.6	52.0	144720.1	2161.8
Dec 27, 5:00 PM	167.6	64.0	97.9	50.5	143923.5	2151.1
Dec 27, 6:00 PM	168.3	64.5	96.6	49.6	144488.6	2146.9
Dec 27, 7:00 PM	168.9	66.5	94.9	48.5	148468.2	2134.6
Dec 27, 8:00 PM	167.9	68.4	91.9	47.3	153557.8	2106.5
Dec 27, 9:00 PM	166.9	69.0	91.4	47.0	155853.8	2111.2
Dec 27, 10:00 PM	168.1	66.9	91.0	46.2	150064.8	2110.7
Dec 27, 11:00 PM	167.4	65.3	90.1	45.3	146997.8	2123.0
Dec 28, 12:00 AM	168.2	63.9	88.9	44.4	143194.7	2120.4
Dec 28, 1:00 AM	167.0	62.3	88.6	43.7	140565.1	2119.6
Dec 28, 2:00 AM	165.8	61.9	88.1	43.5	140766.0	2114.6
Dec 28, 3:00 AM	165.4	61.5	86.1	42.7	140169.1	2100.2
Dec 28, 4:00 AM	164.5	61.4	85.9	42.0	140783.9	2100.0
Dec 28, 5:00 AM	165.0	61.5	85.5	41.6	140495.6	2091.6
Dec 28, 6:00 AM	164.3	61.1	85.1	41.3	140196.0	2097.7
Dec 28, 7:00 AM	163.1	59.6	84.6	41.3	137681.3	2098.1
Dec 28, 8:00 AM	160.8	58.7	83.4	40.6	137727.3	2078.7
Dec 28, 9:00 AM	160.1	58.4	83.5	40.7	137633.1	2080.2
Dec 28, 10:00 AM	160.9	58.7	83.2	39.9	137607.6	2084.5
Dec 28, 11:00 AM	159.3	58.9	83.5	40.6	139557.4	2085.6
Dec 28, 12:00 PM	157.4	58.4	81.3	39.7	139995.0	2052.8
Dec 28, 1:00 PM	160.2	58.7	81.8	39.6	138150.1	2071.3
Dec 28, 2:00 PM	161.9	58.5	81.1	38.8	136303.8	2071.9

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Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 28, 3:00 PM	164.2	58.8	82.4	39.4	135215.4	2094.3
Dec 28, 4:00 PM	180.4	58.7	86.4	38.8	122723.2	2181.2
Dec 28, 5:00 PM	179.8	57.3	86.0	38.4	120174.8	2200.8
Dec 28, 6:00 PM	178.7	56.1	85.7	37.4	118360.4	2198.0
Dec 28, 7:00 PM	178.7	56.7	86.0	37.6	119522.0	2197.7
Dec 28, 8:00 PM	179.1	56.7	84.1	37.2	119300.9	2189.9
Dec 28, 9:00 PM	178.1	57.0	84.4	37.3	120693.0	2191.5
Dec 28, 10:00 PM	179.4	57.3	84.5	37.5	120511.8	2183.2
Dec 28, 11:00 PM	178.3	57.0	83.8	37.0	120535.3	2181.0
Dec 29, 12:00 AM	179.4	57.3	83.9	37.7	120395.6	2188.0
Dec 29, 1:00 AM	178.8	57.3	83.7	37.2	120775.9	2191.1
Dec 29, 2:00 AM	179.0	57.2	83.9	36.9	120407.8	2181.9
Dec 29, 3:00 AM	178.4	57.3	83.6	36.7	121084.6	2190.5
Dec 29, 4:00 AM	179.9	57.1	82.8	36.7	119682.0	2183.6
Dec 29, 5:00 AM	179.7	57.3	83.7	36.8	120195.1	2190.9
Dec 29, 6:00 AM	180.7	57.2	83.0	36.5	119234.2	2185.2
Dec 29, 7:00 AM	180.5	57.0	83.1	37.0	118988.4	2193.2
Dec 29, 8:00 AM	177.1	56.7	83.1	37.2	120791.8	2177.1
Dec 29, 9:00 AM	177.9	56.9	80.5	36.2	120624.7	2153.7
Dec 29, 10:00 AM	178.4	56.1	79.8	36.4	118539.7	2155.5
Dec 29, 11:00 AM	180.7	55.5	80.1	36.0	115858.1	2157.7
Dec 29, 12:00 PM	181.0	56.0	79.9	36.6	116537.5	2162.6
Dec 29, 1:00 PM	180.4	56.6	79.5	36.3	118338.3	2152.9
Dec 29, 2:00 PM	180.1	56.5	79.4	36.0	118333.5	2150.8
Dec 29, 3:00 PM	179.2	56.5	79.3	36.0	118810.5	2147.1
Dec 29, 4:00 PM	181.5	57.2	79.1	36.8	118794.9	2153.0
Dec 29, 5:00 PM	180.7	58.2	78.2	36.5	121334.5	2145.7
Dec 29, 6:00 PM	180.8	58.4	78.4	36.2	121814.7	2144.0

O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 29, 7:00 PM	182.4	58.0	78.7	36.3	119968.8	2149.5
Dec 29, 8:00 PM	181.5	59.5	79.2	36.4	123641.1	2142.5
Dec 29, 9:00 PM	182.0	60.1	78.8	36.9	124485.5	2135.7
Dec 29, 10:00 PM	180.0	58.5	79.2	36.4	122601.2	2146.5
Dec 29, 11:00 PM	196.3	58.9	83.9	36.7	113576.5	2242.4
Dec 30, 12:00 AM	177.5	57.9	80.2	36.6	122923.8	2152.9
Dec 30, 1:00 AM	179.6	58.0	79.1	37.0	121792.1	2137.0
Dec 30, 2:00 AM	176.1	56.8	78.8	36.8	121603.6	2137.0
Dec 30, 3:00 AM	178.1	55.1	78.0	36.1	116678.7	2140.1
Dec 30, 4:00 AM	179.4	55.8	78.0	36.5	117255.6	2142.4
Dec 30, 5:00 AM	178.6	56.5	77.4	36.5	119342.4	2128.5
Dec 30, 6:00 AM	177.3	56.3	76.9	36.2	119660.9	2125.2
Dec 30, 7:00 AM	177.3	56.2	77.4	35.9	119578.0	2126.3
Dec 30, 8:00 AM	176.1	56.0	77.1	36.2	119949.6	2129.9
Dec 30, 9:00 AM	174.7	56.1	76.6	36.2	121043.3	2122.6
Dec 30, 10:00 AM	175.0	55.7	76.9	36.0	119877.0	2121.5
Dec 30, 11:00 AM	175.4	55.6	76.6	36.0	119493.4	2126.4
Dec 30, 12:00 PM	176.2	55.9	77.0	36.0	119652.6	2128.2
Dec 30, 1:00 PM	176.3	56.3	77.1	35.6	120435.9	2125.3
Dec 30, 2:00 PM	175.8	56.1	76.9	35.6	120199.0	2116.3
Dec 30, 3:00 PM	175.8	56.3	77.0	36.0	120753.9	2120.2
Dec 30, 4:00 PM	174.8	56.2	76.9	35.7	121188.0	2121.4
Dec 30, 5:00 PM	176.6	56.8	77.2	35.8	121402.7	2138.2
Dec 30, 6:00 PM	170.1	55.5	77.4	36.1	123148.7	2127.9
Dec 30, 7:00 PM	174.2	55.8	76.4	35.8	120864.5	2118.8
Dec 30, 8:00 PM	173.5	55.4	76.0	36.0	120510.8	2107.9
Dec 30, 9:00 PM	140.1	49.0	71.3	36.2	142255.2	1988.7
Dec 30, 10:00 PM	50.7	36.0	19.9	28.3	269371.7	860.8

## O.Reg 88/22 s34: Plant 3 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 30, 11:00 PM	145.6	49.3	37.1	30.2	215812.5	1251.8
Dec 31, 12:00 AM	58.0	37.6	29.9	30.9	245257.6	1044.3
Dec 31, 1:00 AM	58.6	38.3	25.0	29.5	246715.8	924.1
Dec 31, 2:00 AM	56.6	38.5	21.1	28.7	256268.5	855.3
Dec 31, 3:00 AM	54.8	37.9	19.4	28.0	261141.3	812.7
Dec 31, 4:00 AM	54.5	37.9	18.5	27.8	262301.7	788.1
Dec 31, 5:00 AM	54.6	38.6	17.1	27.5	267030.4	760.9
Dec 31, 6:00 AM	52.6	37.1	15.8	26.9	266049.9	743.3
Dec 31, 7:00 AM	52.8	38.1	14.8	26.6	272113.4	718.8
Dec 31, 8:00 AM	54.1	38.9	15.4	27.3	271368.8	724.4
Dec 31, 9:00 AM	53.2	38.6	15.4	27.8	273304.8	726.1
Dec 31, 10:00 AM	54.7	39.9	15.1	27.8	275079.5	717.2
Dec 31, 11:00 AM	53.9	38.8	15.8	28.1	271444.0	718.0
Dec 31, 12:00 PM	54.1	38.7	15.1	28.0	269892.9	716.5
Dec 31, 1:00 PM	55.1	39.5	15.2	28.3	269842.8	708.5
Dec 31, 2:00 PM	54.3	38.9	15.3	28.3	269689.5	704.8
Dec 31, 3:00 PM	54.3	38.6	14.4	28.1	268314.5	699.7
Dec 31, 4:00 PM	54.4	39.2	14.2	28.3	271444.8	687.4
Dec 31, 5:00 PM	53.2	38.1	14.3	28.2	269526.2	694.5
Dec 31, 6:00 PM	54.8	39.4	13.3	27.8	271218.0	668.5
Dec 31, 7:00 PM	54.6	39.0	13.0	27.9	269839.8	672.4
Dec 31, 8:00 PM	55.3	39.6	13.2	28.0	269538.6	677.7
Dec 31, 9:00 PM	55.7	39.9	13.0	27.6	270128.7	672.2
Dec 31, 10:00 PM	56.5	40.8	13.1	27.3	271803.6	667.5
Dec 31, 11:00 PM	54.9	40.2	12.6	27.6	275960.8	665.3

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 1, 12:00 AM	335.4	10.0	6.0	2.1	11288.0	1029.4
Oct 1, 1:00 AM	303.7	8.4	5.7	1.8	10467.5	1022.7
Oct 1, 2:00 AM	300.4	8.4	5.6	1.9	10587.2	1025.2
Oct 1, 3:00 AM	324.1	8.7	5.2	1.8	10090.7	1021.6
Oct 1, 4:00 AM	373.6	10.3	5.4	1.8	10355.9	1022.5
Oct 1, 5:00 AM	324.2	9.0	5.3	1.8	10452.5	1023.0
Oct 1, 6:00 AM	355.0	9.4	5.1	1.7	10017.1	1017.2
Oct 1, 7:00 AM	306.0	7.9	4.9	1.7	9682.9	1014.0
Oct 1, 8:00 AM	291.3	7.3	4.8	1.7	9438.9	1010.0
Oct 1, 9:00 AM	308.9	7.7	4.7	1.7	9401.0	1010.7
Oct 1, 10:00 AM	319.2	7.7	4.5	1.5	9174.3	990.6
Oct 1, 11:00 AM	300.0	7.8	5.0	1.6	9775.4	1013.8
Oct 1, 12:00 PM	312.2	8.3	5.2	1.8	10051.4	1019.0
Oct 1, 1:00 PM	309.9	8.4	5.3	1.7	10219.7	1019.3
Oct 1, 2:00 PM	297.1	8.5	5.5	1.8	10740.6	1025.4
Oct 1, 3:00 PM	320.0	8.9	5.6	1.9	10397.2	1025.2
Oct 1, 4:00 PM	311.0	8.9	6.0	1.9	10723.7	1027.2
Oct 1, 5:00 PM	309.9	8.7	5.6	1.9	10538.0	1028.8
Oct 1, 6:00 PM	341.4	8.1	4.7	1.6	8974.7	1018.2
Oct 1, 7:00 PM	377.3	8.3	4.3	1.5	8303.6	1010.3
Oct 1, 8:00 PM	374.3	8.6	4.5	1.5	8718.6	1010.5
Oct 1, 9:00 PM	330.9	8.0	4.6	1.5	9086.2	1011.3
Oct 1, 10:00 PM	328.0	8.1	4.8	1.5	9314.6	1012.7
Oct 1, 11:00 PM	424.6	10.5	4.7	1.6	9323.6	1014.8
Oct 2, 12:00 AM	347.8	8.7	4.7	1.6	9424.5	1020.6
Oct 2, 1:00 AM	308.3	7.5	4.6	1.5	9151.4	1019.5
Oct 2, 2:00 AM	341.0	8.1	4.7	1.5	8961.6	1017.0

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 2, 3:00 AM	353.5	8.2	4.3	1.4	8720.6	1014.2
Oct 2, 4:00 AM	340.4	6.8	3.6	1.3	7398.2	995.7
Oct 2, 5:00 AM	322.4	7.5	4.0	1.4	8736.7	1008.8
Oct 2, 6:00 AM	287.7	7.0	4.1	1.5	9112.9	1010.6
Oct 2, 7:00 AM	293.8	7.4	4.1	1.5	9430.5	1009.5
Oct 2, 8:00 AM	369.3	10.6	4.2	1.5	9801.6	525.6
Oct 2, 9:00 AM	324.2	9.1	4.5	1.8	10693.0	907.6
Oct 2, 10:00 AM	352.0	10.6	4.8	1.7	11300.9	1011.5
Oct 2, 11:00 AM	322.9	10.4	5.3	1.8	12098.0	1019.4
Oct 2, 12:00 PM	339.6	12.6	6.3	2.0	14021.4	1034.5
Oct 2, 1:00 PM	311.9	12.5	7.0	2.2	15029.9	1044.3
Oct 2, 2:00 PM	347.8	13.6	6.7	2.2	14691.1	1040.2
Oct 2, 3:00 PM	337.4	13.2	6.9	2.2	14738.3	1043.6
Oct 2, 4:00 PM	369.7	13.0	6.2	2.0	13084.7	1026.5
Oct 2, 5:00 PM	339.1	13.5	6.9	2.3	15027.8	1044.8
Oct 2, 6:00 PM	426.8	16.4	6.8	2.2	14524.6	1040.5
Oct 2, 7:00 PM	350.3	12.9	6.4	2.1	13842.6	1036.4
Oct 2, 8:00 PM	323.9	11.4	6.0	2.1	13214.4	1032.1
Oct 2, 9:00 PM	306.0	10.0	5.7	2.0	12328.1	1025.7
Oct 2, 10:00 PM	332.8	10.9	5.6	2.0	12368.5	1026.0
Oct 2, 11:00 PM	442.8	14.3	5.4	1.9	12142.9	1023.2
Oct 3, 12:00 AM	345.2	11.1	5.4	1.9	12149.7	1026.5
Oct 3, 1:00 AM	403.8	13.1	5.5	1.9	12260.7	1025.8
Oct 3, 2:00 AM	391.8	12.6	5.3	1.9	12092.3	1024.6
Oct 3, 3:00 AM	399.1	12.2	5.1	1.8	11482.9	1021.5
Oct 3, 4:00 AM	303.4	7.5	4.2	1.5	9252.1	998.6
Oct 3, 5:00 AM	391.6	11.5	4.9	1.7	11048.7	1016.0

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 3, 6:00 AM	314.2	9.7	5.0	1.8	11683.7	1019.6
Oct 3, 7:00 AM	279.8	8.6	5.0	1.9	11626.5	1019.1
Oct 3, 8:00 AM	363.0	11.0	4.9	1.8	11415.8	1016.1
Oct 3, 9:00 AM	319.9	10.8	5.4	1.9	12718.4	1024.2
Oct 3, 10:00 AM	311.2	11.9	6.1	2.1	14403.2	1034.3
Oct 3, 11:00 AM	333.5	15.6	7.4	2.5	17376.3	1057.6
Oct 3, 12:00 PM	424.5	21.3	8.3	2.6	18923.6	1067.0
Oct 3, 1:00 PM	396.6	20.2	8.8	2.7	19238.4	1073.0
Oct 3, 2:00 PM	326.6	17.2	9.4	2.9	19925.7	1084.7
Oct 3, 3:00 PM	358.9	18.4	9.2	2.9	19169.2	1079.5
Oct 3, 4:00 PM	366.9	19.9	9.7	3.0	20375.2	1090.1
Oct 3, 5:00 PM	333.0	18.4	10.1	3.0	20821.8	1092.9
Oct 3, 6:00 PM	347.5	18.3	9.6	2.9	19857.0	1083.2
Oct 3, 7:00 PM	368.2	18.2	9.2	2.9	18584.5	1075.4
Oct 3, 8:00 PM	351.9	17.0	8.8	2.8	18235.8	1071.6
Oct 3, 9:00 PM	356.9	15.2	7.7	2.4	15810.3	1051.8
Oct 3, 10:00 PM	418.9	18.1	7.8	2.5	16299.2	1055.6
Oct 3, 11:00 PM	398.1	16.4	7.4	2.5	15419.6	1049.1
Oct 4, 12:00 AM	334.1	13.3	7.0	2.4	14992.3	1045.3
Oct 4, 1:00 AM	379.4	15.5	7.2	2.3	15383.1	1048.9
Oct 4, 2:00 AM	405.6	15.8	6.8	2.3	14671.8	1042.2
Oct 4, 3:00 AM	325.9	12.5	6.6	2.2	14433.0	1038.3
Oct 4, 4:00 AM	328.4	10.6	5.7	1.9	12159.6	1019.0
Oct 4, 5:00 AM	338.0	11.9	6.0	2.0	13322.2	1029.4
Oct 4, 6:00 AM	426.8	15.3	6.0	2.1	13474.4	1025.1
Oct 4, 7:00 AM	333.4	12.2	6.1	2.1	13817.6	1026.4
Oct 4, 8:00 AM	306.3	10.9	5.9	2.1	13397.8	1022.9

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 4, 9:00 AM	368.6	14.1	6.3	2.2	14314.1	1027.2
Oct 4, 10:00 AM	348.0	15.2	7.1	2.4	16423.2	1040.8
Oct 4, 11:00 AM	384.3	18.6	8.0	2.6	18256.7	1054.9
Oct 4, 12:00 PM	299.2	14.9	8.6	2.8	18809.2	1061.4
Oct 4, 1:00 PM	373.2	18.8	8.7	2.7	18911.0	1064.6
Oct 4, 2:00 PM	326.1	14.6	7.8	2.6	16855.0	1051.0
Oct 4, 3:00 PM	341.9	17.0	8.8	2.9	18841.3	1065.2
Oct 4, 4:00 PM	417.0	21.3	9.2	2.9	19182.9	1072.4
Oct 4, 5:00 PM	360.7	19.2	9.4	3.1	20112.7	1078.3
Oct 4, 6:00 PM	458.8	25.2	9.8	3.2	20693.3	1083.4
Oct 4, 7:00 PM	401.4	20.0	8.9	2.9	18730.1	1071.2
Oct 4, 8:00 PM	364.4	16.8	8.3	2.7	17361.0	1061.0
Oct 4, 9:00 PM	345.3	15.4	7.8	2.6	16866.1	1055.3
Oct 4, 10:00 PM	397.2	16.9	7.4	2.4	15874.4	1045.4
Oct 4, 11:00 PM	360.8	16.5	7.8	2.5	17244.1	1052.8
Oct 5, 12:00 AM	382.4	17.4	7.9	2.5	17185.5	1055.7
Oct 5, 1:00 AM	391.6	18.0	7.7	2.5	17358.3	1054.9
Oct 5, 2:00 AM	394.1	17.1	7.3	2.5	16359.6	1049.0
Oct 5, 3:00 AM	316.5	13.4	7.0	2.4	15920.8	1042.3
Oct 5, 4:00 AM	337.3	12.5	6.3	2.3	14037.1	1032.3
Oct 5, 5:00 AM	324.7	12.8	6.5	2.4	14835.5	1036.5
Oct 5, 6:00 AM	323.3	12.4	6.1	2.3	14429.0	1031.2
Oct 5, 7:00 AM	337.9	11.3	5.6	2.1	12634.6	1018.7
Oct 5, 8:00 AM	332.2	11.8	5.9	2.2	13402.3	1023.7
Oct 5, 9:00 AM	326.0	12.8	6.2	2.3	14705.8	1030.3
Oct 5, 10:00 AM	340.8	14.8	7.0	2.5	16296.5	1037.8
Oct 5, 11:00 AM	357.1	18.4	8.1	2.8	19433.5	1058.4



O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 5, 12:00 PM	397.8	22.1	8.8	3.0	21032.0	1068.5
Oct 5, 1:00 PM	326.1	18.8	9.3	3.2	21721.8	1078.8
Oct 5, 2:00 PM	370.7	21.7	9.6	3.2	22093.7	1083.8
Oct 5, 3:00 PM	342.0	18.8	9.1	3.2	20674.6	1077.7
Oct 5, 4:00 PM	402.8	24.4	10.1	3.4	22907.9	1091.7
Oct 5, 5:00 PM	344.3	21.0	10.0	3.4	23027.9	1096.2
Oct 5, 6:00 PM	323.7	17.8	9.1	3.2	20955.4	1082.9
Oct 5, 7:00 PM	355.8	18.5	8.6	3.0	19578.8	1073.2
Oct 5, 8:00 PM	407.9	20.0	8.3	3.0	18537.7	1068.6
Oct 5, 9:00 PM	406.8	19.2	7.6	2.8	17729.5	1061.3
Oct 5, 10:00 PM	406.4	18.5	7.3	2.8	17181.7	1056.7
Oct 5, 11:00 PM	441.2	20.3	7.4	2.7	17305.6	1056.3
Oct 6, 12:00 AM	536.8	25.1	7.6	2.8	17626.4	1057.9
Oct 6, 1:00 AM	388.8	18.3	7.6	2.8	17741.6	1059.0
Oct 6, 2:00 AM	397.0	18.7	7.7	2.8	17731.4	1058.8
Oct 6, 3:00 AM	445.4	20.8	7.4	2.8	17599.2	1056.8
Oct 6, 4:00 AM	362.4	15.6	6.9	2.7	16123.3	1045.7
Oct 6, 5:00 AM	461.2	21.9	7.7	2.9	17847.5	1058.5
Oct 6, 6:00 AM	360.2	17.5	8.0	2.9	18347.4	1062.2
Oct 6, 7:00 AM	394.0	19.6	8.1	3.0	18722.8	1065.1
Oct 6, 8:00 AM	364.3	23.0	10.6	3.6	23916.9	1100.6
Oct 6, 9:00 AM	370.1	18.3	8.6	3.1	18478.8	1068.9
Oct 6, 10:00 AM	407.0	21.6	9.2	3.2	19973.6	1078.8
Oct 6, 11:00 AM	416.8	22.3	9.1	3.2	20174.9	1079.5
Oct 6, 12:00 PM	343.6	19.3	9.6	3.3	21143.7	1089.1
Oct 6, 1:00 PM	357.6	21.2	10.2	3.5	22293.0	1097.0
Oct 6, 2:00 PM	311.6	20.2	11.1	3.7	24449.4	1110.3

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 6, 3:00 PM	310.7	20.3	11.4	3.8	24981.2	1113.7
Oct 6, 4:00 PM	312.8	22.5	12.6	4.1	27192.8	1128.9
Oct 6, 5:00 PM	300.8	22.6	13.1	4.2	28307.6	1137.6
Oct 6, 6:00 PM	321.9	23.0	12.7	4.1	27177.8	1129.8
Oct 6, 7:00 PM	317.4	21.0	11.8	3.8	25022.9	1114.4
Oct 6, 8:00 PM	364.5	23.1	11.1	3.6	23944.0	1102.2
Oct 6, 9:00 PM	394.8	23.7	10.4	3.5	22676.1	1092.6
Oct 6, 10:00 PM	329.0	17.9	9.3	3.2	20443.2	1077.7
Oct 6, 11:00 PM	392.0	20.6	8.9	3.0	19815.0	1072.5
Oct 7, 12:00 AM	350.3	19.5	9.3	3.2	20998.1	1078.9
Oct 7, 1:00 AM	423.3	22.8	8.9	3.1	20261.7	1073.1
Oct 7, 2:00 AM	439.4	22.1	8.4	2.9	18981.7	1064.0
Oct 7, 3:00 AM	478.2	23.6	8.0	2.9	18636.7	1061.3
Oct 7, 4:00 AM	371.6	16.2	7.0	2.6	16281.4	1041.1
Oct 7, 5:00 AM	431.2	19.6	7.4	2.6	17141.0	1049.8
Oct 7, 6:00 AM	381.3	16.9	7.1	2.6	16698.8	1044.9
Oct 7, 7:00 AM	342.9	13.6	6.2	2.4	14907.6	1030.5
Oct 7, 8:00 AM	337.5	13.6	6.2	2.4	15238.6	1032.2
Oct 7, 9:00 AM	319.0	12.8	6.1	2.4	15103.0	1030.7
Oct 7, 10:00 AM	337.4	13.5	6.2	2.4	14991.6	1028.7
Oct 7, 11:00 AM	375.9	19.6	7.9	2.8	19604.6	1057.4
Oct 7, 12:00 PM	341.8	19.4	8.6	3.1	21393.8	1067.4
Oct 7, 1:00 PM	359.0	17.4	7.7	2.8	18356.5	1051.8
Oct 7, 2:00 PM	432.1	19.8	7.2	2.7	17277.7	1047.6
Oct 7, 3:00 PM	335.0	14.9	6.9	2.6	16696.9	1043.2
Oct 7, 4:00 PM	348.9	14.7	6.5	2.5	15830.7	1033.4
Oct 7, 5:00 PM	335.0	15.9	7.4	2.7	17912.2	1045.6

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 7, 6:00 PM	395.3	20.8	7.9	2.9	19895.0	1054.3
Oct 7, 7:00 PM	384.5	21.2	8.4	3.1	20735.4	1060.1
Oct 7, 8:00 PM	353.6	15.8	7.0	2.6	16853.8	1041.3
Oct 7, 9:00 PM	344.5	13.3	6.0	2.4	14579.4	1027.0
Oct 7, 10:00 PM	382.4	13.2	5.4	2.2	13003.6	1017.3
Oct 7, 11:00 PM	329.3	10.1	4.7	2.0	11651.3	1003.1
Oct 8, 12:00 AM	366.7	13.4	5.5	2.2	13735.1	1021.1
Oct 8, 1:00 AM	351.1	12.8	5.6	2.3	13702.6	1023.9
Oct 8, 2:00 AM	327.0	11.3	5.1	2.1	13059.6	1014.2
Oct 8, 3:00 AM	398.5	13.6	5.0	2.1	12866.7	1013.8
Oct 8, 4:00 AM	337.9	11.3	4.8	2.1	12656.6	1007.7
Oct 8, 5:00 AM	358.2	13.3	5.3	2.2	14029.3	1017.9
Oct 8, 6:00 AM	355.7	12.6	5.1	2.2	13377.9	1013.2
Oct 8, 7:00 AM	334.3	11.2	4.9	2.1	12670.5	1007.5
Oct 8, 8:00 AM	408.3	14.4	5.1	2.1	13305.8	1011.3
Oct 8, 9:00 AM	286.1	10.1	5.2	2.2	13371.4	1012.4
Oct 8, 10:00 AM	346.6	12.3	5.3	2.2	13392.8	1013.8
Oct 8, 11:00 AM	345.0	14.6	6.7	2.5	15772.2	1031.1
Oct 8, 12:00 PM	344.2	15.2	6.8	2.7	16620.7	1037.1
Oct 8, 1:00 PM	286.6	12.4	6.6	2.5	16267.9	1031.0
Oct 8, 2:00 PM	352.8	14.9	6.5	2.6	15972.0	1035.1
Oct 8, 3:00 PM	353.3	14.5	6.3	2.5	15499.8	1031.9
Oct 8, 4:00 PM	344.9	14.6	6.6	2.6	15967.4	1036.0
Oct 8, 5:00 PM	314.1	14.6	7.3	2.7	17543.2	1044.7
Oct 8, 6:00 PM	351.1	16.1	7.3	2.7	17336.3	1043.5
Oct 8, 7:00 PM	332.6	15.2	7.3	2.7	17287.6	1042.8
Oct 8, 8:00 PM	479.5	22.0	7.3	2.6	17225.7	1042.0

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 8, 9:00 PM	392.5	16.2	6.6	2.4	15519.1	1030.0
Oct 8, 10:00 PM	325.2	9.8	4.9	1.9	11333.1	1001.7
Oct 8, 11:00 PM	382.5	12.3	5.0	2.0	12058.6	1007.7
Oct 9, 12:00 AM	396.3	14.6	5.7	2.2	13813.7	1017.7
Oct 9, 1:00 AM	346.7	13.8	6.3	2.3	15033.9	1025.5
Oct 9, 2:00 AM	335.8	15.2	6.7	2.6	16967.4	1039.0
Oct 9, 3:00 AM	370.9	16.1	7.6	2.8	16469.4	1052.2
Oct 9, 4:00 AM	333.2	10.2	5.0	2.0	11539.8	1012.6
Oct 9, 5:00 AM	421.8	14.3	5.7	2.2	12839.6	1020.1
Oct 9, 6:00 AM	343.3	12.1	5.5	2.2	13303.4	1020.8
Oct 9, 7:00 AM	312.4	10.8	5.4	2.1	13053.2	1016.8
Oct 9, 8:00 AM	364.3	14.2	5.4	2.2	13189.2	533.4
Oct 9, 9:00 AM	321.1	12.4	5.2	2.5	13954.0	768.5
Oct 9, 10:00 AM	281.6	10.8	5.7	2.3	14402.7	1025.0
Oct 9, 11:00 AM	294.5	11.4	6.0	2.3	14642.1	1029.0
Oct 9, 12:00 PM	332.0	12.4	5.8	2.2	14106.2	1027.6
Oct 9, 1:00 PM	322.9	10.5	5.2	2.0	12275.8	1014.2
Oct 9, 2:00 PM	400.6	16.3	6.4	2.4	15297.0	1038.8
Oct 9, 3:00 PM	432.9	19.0	7.0	2.6	16540.6	1046.5
Oct 9, 4:00 PM	345.6	13.6	6.4	2.3	14830.7	1032.3
Oct 9, 5:00 PM	335.9	12.9	6.3	2.2	14526.5	1031.4
Oct 9, 6:00 PM	354.1	14.5	6.5	2.3	15438.6	1036.7
Oct 9, 7:00 PM	467.6	20.6	6.9	2.4	16631.4	1038.9
Oct 9, 8:00 PM	424.7	17.3	6.4	2.3	15391.8	1030.9
Oct 9, 9:00 PM	401.9	14.9	5.9	2.1	13919.0	1022.9
Oct 9, 10:00 PM	282.3	10.2	5.7	2.0	13562.4	1021.5
Oct 9, 11:00 PM	300.3	9.8	5.2	1.9	12416.6	1010.2

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 10, 12:00 AM	319.1	10.6	5.3	2.0	12576.6	1013.6
Oct 10, 1:00 AM	412.6	13.6	5.2	1.9	12423.7	1013.7
Oct 10, 2:00 AM	349.1	11.6	5.0	1.9	12582.3	1014.5
Oct 10, 3:00 AM	317.5	11.3	5.5	2.0	13354.9	1018.6
Oct 10, 4:00 AM	315.1	10.7	5.3	2.0	12874.0	1017.5
Oct 10, 5:00 AM	330.5	11.7	5.4	2.1	13372.8	1019.4
Oct 10, 6:00 AM	308.5	10.7	5.3	2.1	13146.6	1019.0
Oct 10, 7:00 AM	315.7	10.3	5.0	2.0	12349.7	1008.2
Oct 10, 8:00 AM	283.9	9.9	5.3	2.1	13145.6	1016.3
Oct 10, 9:00 AM	292.8	10.1	5.2	2.1	12989.4	1015.4
Oct 10, 10:00 AM	288.2	10.0	5.3	2.1	13118.4	1016.5
Oct 10, 11:00 AM	303.9	10.8	5.3	2.2	13314.5	1016.7
Oct 10, 12:00 PM	367.0	13.2	5.4	2.1	13536.7	1016.9
Oct 10, 1:00 PM	333.7	12.3	5.8	2.2	13939.7	1021.5
Oct 10, 2:00 PM	334.7	13.1	6.0	2.3	14708.6	1026.3
Oct 10, 3:00 PM	330.8	12.1	6.0	2.2	13959.2	1022.2
Oct 10, 4:00 PM	366.3	15.1	6.6	2.4	15503.4	1035.7
Oct 10, 5:00 PM	431.5	17.2	6.4	2.3	15034.9	1031.8
Oct 10, 6:00 PM	313.4	11.6	6.0	2.2	13976.9	1024.2
Oct 10, 7:00 PM	428.4	14.6	5.5	2.0	12719.0	1014.7
Oct 10, 8:00 PM	374.3	12.3	5.4	2.0	12451.1	1013.6
Oct 10, 9:00 PM	356.2	11.9	5.2	2.0	12541.0	1013.5
Oct 10, 10:00 PM	354.1	11.6	5.0	2.1	12319.8	1010.9
Oct 10, 11:00 PM	389.4	13.2	5.2	2.0	12804.9	1012.7
Oct 11, 12:00 AM	365.3	11.8	4.9	2.0	12179.1	1009.2
Oct 11, 1:00 AM	341.7	10.9	4.8	1.9	12043.6	1009.5
Oct 11, 2:00 AM	304.3	9.9	4.9	2.0	12289.2	1010.6

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 11, 3:00 AM	310.3	10.1	4.9	2.0	12228.5	1011.2
Oct 11, 4:00 AM	311.3	9.0	4.6	1.8	10903.7	1000.7
Oct 11, 5:00 AM	371.5	12.4	5.0	2.0	12542.5	1012.0
Oct 11, 6:00 AM	334.0	11.0	4.9	2.0	12416.7	1010.9
Oct 11, 7:00 AM	302.5	9.6	4.7	2.0	12030.4	1007.0
Oct 11, 8:00 AM	301.7	10.2	4.9	2.0	12737.3	1011.0
Oct 11, 9:00 AM	291.6	9.6	4.8	2.0	12382.6	1009.7
Oct 11, 10:00 AM	344.2	11.9	5.2	2.1	13054.9	1015.5
Oct 11, 11:00 AM	302.1	11.4	5.8	2.2	14262.6	1025.0
Oct 11, 12:00 PM	278.8	11.5	6.2	2.3	15593.2	1029.4
Oct 11, 1:00 PM	307.2	13.8	6.8	2.5	16936.0	1040.7
Oct 11, 2:00 PM	368.3	17.6	7.4	2.7	17980.9	1050.8
Oct 11, 3:00 PM	353.2	17.5	7.8	2.8	18613.5	1055.2
Oct 11, 4:00 PM	325.2	14.4	7.3	2.6	16749.3	1048.4
Oct 11, 5:00 PM	310.6	15.0	8.1	2.8	18232.3	1061.7
Oct 11, 6:00 PM	454.4	21.1	7.7	2.7	17376.1	1055.7
Oct 11, 7:00 PM	396.1	17.5	7.5	2.6	16595.4	1053.5
Oct 11, 8:00 PM	357.9	15.7	7.5	2.6	16555.9	1052.7
Oct 11, 9:00 PM	345.4	15.5	7.6	2.6	16918.7	1054.0
Oct 11, 10:00 PM	337.2	15.6	7.7	2.6	17346.2	1055.6
Oct 11, 11:00 PM	352.0	15.3	7.5	2.5	16407.7	1048.4
Oct 12, 12:00 AM	412.2	19.7	8.0	2.6	17954.0	1057.8
Oct 12, 1:00 AM	332.7	16.5	8.3	2.7	18689.5	1062.3
Oct 12, 2:00 AM	331.6	15.1	7.6	2.5	17177.8	1052.2
Oct 12, 3:00 AM	402.3	17.3	7.2	2.4	16197.9	1047.2
Oct 12, 4:00 AM	361.3	12.9	6.2	2.1	13490.5	1026.5
Oct 12, 5:00 AM	360.7	14.4	6.4	2.2	15064.7	1032.7

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 12, 6:00 AM	426.7	16.7	6.4	2.2	14695.7	1031.4
Oct 12, 7:00 AM	341.4	13.1	6.2	2.0	14421.3	1028.9
Oct 12, 8:00 AM	342.9	13.1	6.2	2.1	14448.3	1027.9
Oct 12, 9:00 AM	513.2	20.2	6.2	2.1	14838.7	1029.8
Oct 12, 10:00 AM	409.5	16.1	6.3	2.1	14800.0	1028.6
Oct 12, 11:00 AM	284.8	11.1	6.3	2.1	14698.4	1026.5
Oct 12, 12:00 PM	356.0	14.3	6.4	2.1	15105.6	1029.1
Oct 12, 1:00 PM	369.4	13.8	6.0	2.0	13997.1	1022.0
Oct 12, 2:00 PM	365.2	14.9	6.5	2.1	15424.0	1031.1
Oct 12, 3:00 PM	417.2	17.0	6.7	2.3	15344.3	1038.7
Oct 12, 4:00 PM	381.6	14.5	6.3	2.1	14235.3	1029.2
Oct 12, 5:00 PM	441.3	17.9	6.7	2.2	15289.0	1035.5
Oct 12, 6:00 PM	421.5	16.8	6.5	2.2	15039.3	1034.2
Oct 12, 7:00 PM	336.9	12.8	6.3	2.1	14366.5	1027.8
Oct 12, 8:00 PM	344.8	13.8	6.5	2.1	15100.9	1033.2
Oct 12, 9:00 PM	373.7	14.4	6.3	2.1	14577.3	1031.1
Oct 12, 10:00 PM	362.1	12.4	5.7	1.9	12933.4	1018.8
Oct 12, 11:00 PM	427.4	14.6	5.7	1.9	12879.5	1021.8
Oct 13, 12:00 AM	281.7	9.5	5.6	1.9	12693.7	1020.6
Oct 13, 1:00 AM	333.3	11.2	5.5	1.9	12613.8	1021.4
Oct 13, 2:00 AM	311.0	10.6	5.4	1.9	12802.8	1022.5
Oct 13, 3:00 AM	282.7	9.7	5.5	1.9	12900.6	1021.4
Oct 13, 4:00 AM	328.6	10.7	5.3	1.9	12335.5	1014.4
Oct 13, 5:00 AM	388.8	13.7	5.6	2.0	13321.8	1020.7
Oct 13, 6:00 AM	316.6	11.0	5.5	1.9	13106.3	1019.6
Oct 13, 7:00 AM	374.1	12.9	5.5	1.9	13047.5	1019.6
Oct 13, 8:00 AM	305.9	10.7	5.5	1.9	13230.2	1020.2

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 13, 9:00 AM	326.4	11.4	5.6	1.9	13119.9	1019.9
Oct 13, 10:00 AM	352.0	12.4	5.6	1.9	13322.6	1020.5
Oct 13, 11:00 AM	343.2	12.1	5.6	1.9	13329.2	1020.3
Oct 13, 12:00 PM	361.4	12.7	5.6	1.9	13252.4	1019.8
Oct 13, 1:00 PM	386.0	13.9	5.7	2.0	13623.2	1021.1
Oct 13, 2:00 PM	385.4	14.0	5.8	2.0	13704.2	1022.3
Oct 13, 3:00 PM	306.6	10.9	5.5	2.0	13380.9	1019.9
Oct 13, 4:00 PM	329.3	9.7	4.9	1.8	11136.1	1007.5
Oct 13, 5:00 PM	330.9	11.2	5.5	1.9	12772.6	1019.5
Oct 13, 6:00 PM	337.3	12.0	5.6	2.0	13356.9	1021.4
Oct 13, 7:00 PM	351.4	12.2	5.6	2.0	13098.4	1019.8
Oct 13, 8:00 PM	394.9	14.1	5.6	2.0	13465.9	1022.4
Oct 13, 9:00 PM	380.7	13.1	5.5	2.0	12899.3	1018.0
Oct 13, 10:00 PM	318.3	10.7	5.3	1.9	12653.1	1017.3
Oct 13, 11:00 PM	370.7	13.0	5.4	2.0	13161.2	1022.8
Oct 14, 12:00 AM	442.9	16.0	5.6	2.1	13651.8	1027.7
Oct 14, 1:00 AM	294.5	10.5	5.5	2.1	13420.5	1025.4
Oct 14, 2:00 AM	419.1	15.1	5.5	2.1	13573.6	1027.3
Oct 14, 3:00 AM	386.5	13.3	5.2	1.9	12912.4	1023.3
Oct 14, 4:00 AM	383.2	12.0	5.0	1.9	11828.1	1016.2
Oct 14, 5:00 AM	371.4	12.3	5.3	1.9	12470.1	1021.4
Oct 14, 6:00 AM	411.9	13.6	5.2	1.9	12420.2	1019.8
Oct 14, 7:00 AM	352.6	16.8	7.0	2.4	17912.6	1046.3
Oct 14, 8:00 AM	380.6	14.4	6.0	2.2	14407.0	1035.1
Oct 14, 9:00 AM	337.2	11.6	5.6	2.0	12924.3	1028.8
Oct 14, 10:00 AM	297.3	9.6	5.4	1.9	12230.0	1024.4
Oct 14, 11:00 AM	316.7	10.2	5.4	1.8	12182.7	1022.1



O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 14, 12:00 PM	300.9	9.8	5.4	1.8	12301.9	1019.6
Oct 14, 1:00 PM	342.7	11.2	5.4	1.8	12273.5	1021.7
Oct 14, 2:00 PM	329.2	10.5	5.2	1.8	11971.7	1017.8
Oct 14, 3:00 PM	336.9	11.0	5.5	1.8	12353.1	1020.1
Oct 14, 4:00 PM	336.3	10.0	5.2	1.8	11198.6	1010.9
Oct 14, 5:00 PM	294.5	9.8	5.6	1.9	12532.1	1018.9
Oct 14, 6:00 PM	312.0	10.0	5.3	1.8	12049.0	1016.1
Oct 14, 7:00 PM	301.5	9.6	5.1	1.8	12008.1	1015.0
Oct 14, 8:00 PM	374.9	12.1	5.2	1.8	12142.4	1016.1
Oct 14, 9:00 PM	356.3	10.7	4.8	1.8	11247.5	1007.9
Oct 14, 10:00 PM	302.9	9.5	5.1	1.8	11882.0	1013.8
Oct 14, 11:00 PM	315.0	10.2	5.3	1.9	12234.9	1016.1
Oct 15, 12:00 AM	357.0	11.8	5.3	2.0	12463.9	1014.9
Oct 15, 1:00 AM	455.3	15.1	5.3	2.0	12538.4	1016.2
Oct 15, 2:00 AM	325.4	10.8	5.4	1.9	12548.7	1014.5
Oct 15, 3:00 AM	295.8	10.0	5.3	2.0	12707.4	1016.8
Oct 15, 4:00 AM	314.9	9.7	4.9	1.8	11722.9	1009.2
Oct 15, 5:00 AM	380.2	13.0	5.4	1.9	12808.1	1017.2
Oct 15, 6:00 AM	441.5	15.1	5.4	2.0	12910.3	1018.2
Oct 15, 7:00 AM	446.1	15.1	5.4	1.9	12799.0	1018.0
Oct 15, 8:00 AM	303.1	10.2	5.4	1.9	12648.9	1017.0
Oct 15, 9:00 AM	340.6	11.3	5.3	1.9	12502.9	1017.4
Oct 15, 10:00 AM	390.9	13.1	5.3	1.9	12652.8	1018.2
Oct 15, 11:00 AM	292.4	10.0	5.4	1.9	12879.6	1018.3
Oct 15, 12:00 PM	330.4	11.0	5.5	1.9	12604.3	1019.3
Oct 15, 1:00 PM	367.7	12.3	5.3	1.9	12571.3	1016.1
Oct 15, 2:00 PM	329.4	11.1	5.5	1.9	12695.1	1022.4

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 15, 3:00 PM	325.8	9.5	4.9	1.8	10957.2	1014.8
Oct 15, 4:00 PM	295.0	9.1	5.2	1.9	11664.2	1022.9
Oct 15, 5:00 PM	285.7	9.3	5.4	1.9	12301.5	1026.0
Oct 15, 6:00 PM	291.4	9.5	5.4	1.9	12262.6	1025.4
Oct 15, 7:00 PM	319.2	10.4	5.3	1.9	12327.1	1024.2
Oct 15, 8:00 PM	285.8	9.4	5.3	1.9	12337.7	1023.2
Oct 15, 9:00 PM	302.2	10.2	5.4	1.9	12692.6	1023.9
Oct 15, 10:00 PM	297.4	8.9	4.9	1.8	11322.0	1015.4
Oct 15, 11:00 PM	314.1	10.5	5.2	1.9	12608.4	1022.7
Oct 16, 12:00 AM	284.3	9.7	5.3	1.9	12842.2	1024.2
Oct 16, 1:00 AM	317.3	10.8	5.3	1.9	12792.8	1024.8
Oct 16, 2:00 AM	317.2	10.2	5.1	1.9	12173.8	1020.5
Oct 16, 3:00 AM	281.7	9.4	5.1	1.9	12622.1	1022.9
Oct 16, 4:00 AM	285.8	9.6	5.2	1.9	12663.6	1023.9
Oct 16, 5:00 AM	360.6	12.5	5.3	2.0	13074.4	1025.0
Oct 16, 6:00 AM	363.2	11.9	5.1	2.0	12316.1	1019.9
Oct 16, 7:00 AM	364.3	11.9	5.3	1.9	12271.1	986.7
Oct 16, 8:00 AM	346.8	12.2	5.4	2.0	12710.0	734.9
Oct 16, 9:00 AM	292.3	10.2	5.5	2.0		624.2
Oct 16, 10:00 AM	303.8	10.3	5.4	2.1	12707.0	1008.5
Oct 16, 11:00 AM	320.3	10.8	5.4	2.0	12768.0	1017.4
Oct 16, 12:00 PM	334.7	11.0	5.3	1.9	12410.0	1017.2
Oct 16, 1:00 PM	370.3	11.5	5.4	1.9		732.8
Oct 16, 2:00 PM	413.8					
Oct 16, 3:00 PM	391.8					
Oct 16, 4:00 PM	361.0	11.4	5.9	2.0	11797.3	1019.3
Oct 16, 5:00 PM	308.1	10.0	6.2	1.9	12267.3	1024.8

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 16, 6:00 PM	329.5	10.8	6.2	1.9	12343.1	1026.0
Oct 16, 7:00 PM	364.0	12.4	6.4	2.0	12743.5	1025.9
Oct 16, 8:00 PM	339.8	10.5	6.0	1.8	11629.2	1020.6
Oct 16, 9:00 PM	344.5	9.6	5.7	1.8	10533.1	1017.4
Oct 16, 10:00 PM	341.3	8.9	5.3	1.6	9797.5	1013.0
Oct 16, 11:00 PM	294.6	7.6	5.4	1.6	9753.7	1013.7
Oct 17, 12:00 AM	320.6	8.3	5.3	1.6	9765.6	1015.0
Oct 17, 1:00 AM	365.7	9.8	5.4	1.7	10153.3	1017.4
Oct 17, 2:00 AM	344.0	9.2	5.4	1.7	10041.1	1016.7
Oct 17, 3:00 AM	329.5	8.9	5.3	1.7	10212.0	1017.1
Oct 17, 4:00 AM	360.8	9.5	5.3	1.7	9987.4	1014.4
Oct 17, 5:00 AM	331.0	9.3	5.4	1.7	10610.7	1013.6
Oct 17, 6:00 AM	319.5	9.4	5.7	1.8	11055.2	1019.9
Oct 17, 7:00 AM	336.8	10.2	5.7	1.8	11373.4	1019.0
Oct 17, 8:00 AM	327.4	9.3	5.6	1.7	10758.7	1014.0
Oct 17, 9:00 AM	339.2	10.5	5.9	1.8	11718.1	1020.1
Oct 17, 10:00 AM	336.5	10.2	5.9	1.7	11367.4	1020.2
Oct 17, 11:00 AM	368.0	11.0	6.1	1.7	11250.0	1022.4
Oct 17, 12:00 PM	327.6	9.1	5.8	1.6	10450.4	1020.2
Oct 17, 1:00 PM	320.6	10.3	6.4	1.8	12120.2	1033.8
Oct 17, 2:00 PM	298.1	10.1	6.7	1.9	12765.2	1039.8
Oct 17, 3:00 PM	328.1	11.3	6.7	1.9	13036.1	1042.8
Oct 17, 4:00 PM	354.6	12.0	6.8	1.9	12812.7	1040.6
Oct 17, 5:00 PM	410.6	14.2	7.0	2.0	13076.6	1046.0
Oct 17, 6:00 PM	353.2	11.9	6.7	1.8	12613.0	1041.2
Oct 17, 7:00 PM	373.5	11.5	6.3	1.8	11626.2	1035.0
Oct 17, 8:00 PM	326.7	9.6	6.1	1.7	11122.0	1032.1

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 17, 9:00 PM	385.1	11.3	6.0	1.7	11066.6	1029.5
Oct 17, 10:00 PM	344.0	10.0	5.9	1.7	10996.4	1029.5
Oct 17, 11:00 PM	338.9	10.1	5.9	1.7	11271.5	1026.8
Oct 18, 12:00 AM	417.7	12.3	5.9	1.7	11082.1	1029.0
Oct 18, 1:00 AM	332.3	9.8	5.8	1.6	11092.2	1028.0
Oct 18, 2:00 AM	332.0	10.1	6.0	1.7	11438.5	1027.6
Oct 18, 3:00 AM	327.4	9.8	5.9	1.7	11308.8	1027.8
Oct 18, 4:00 AM	329.9	9.0	5.5	1.6	10275.0	1017.5
Oct 18, 5:00 AM	333.1	10.2	5.8	1.7	11584.3	1027.1
Oct 18, 6:00 AM	372.4	11.3	5.8	1.7	11404.4	1023.5
Oct 18, 7:00 AM	391.1	13.6	6.4	1.9	13108.3	1033.9
Oct 18, 8:00 AM	373.7	11.9	6.0	1.8	11973.1	1028.6
Oct 18, 9:00 AM	301.0	9.6	6.1	1.7	12081.3	1030.1
Oct 18, 10:00 AM	314.6	10.3	6.2	1.8	12314.4	1031.7
Oct 18, 11:00 AM	331.9	11.0	6.4	1.8	12518.3	1034.5
Oct 18, 12:00 PM	321.7	12.1	7.0	1.9	14179.1	1043.5
Oct 18, 1:00 PM	343.6	13.8	7.3	2.0	15096.2	1048.4
Oct 18, 2:00 PM	411.9	17.4	7.7	2.1	15942.2	1055.7
Oct 18, 3:00 PM	380.2	14.8	7.4	2.0	14559.9	1047.2
Oct 18, 4:00 PM	389.3	16.7	8.1	2.2	16125.2	1062.0
Oct 18, 5:00 PM	459.8	19.8	8.3	2.2	16293.8	1064.0
Oct 18, 6:00 PM	415.7	17.6	7.9	2.1	15907.1	1060.7
Oct 18, 7:00 PM	368.7	14.6	7.7	2.0	14988.8	1055.2
Oct 18, 8:00 PM	292.8	11.0	7.2	1.9	14158.5	1050.7
Oct 18, 9:00 PM	314.9	11.2	6.8	1.8	13460.2	1046.0
Oct 18, 10:00 PM	333.6	10.7	6.3	1.7	12181.6	1039.5
Oct 18, 11:00 PM	360.8	9.9	5.8	1.5	10287.0	1026.3

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 19, 12:00 AM	338.5	10.1	6.0	1.6	11280.0	1034.6
Oct 19, 1:00 AM	310.5	9.4	6.1	1.6	11468.8	1037.7
Oct 19, 2:00 AM	356.3	10.8	6.1	1.6	11434.7	1037.9
Oct 19, 3:00 AM	334.4	10.1	6.1	1.6	11425.2	1036.9
Oct 19, 4:00 AM	319.8	9.5	5.9	1.6	11267.6	1033.0
Oct 19, 5:00 AM	373.4	12.1	6.2	1.7	12194.2	1037.8
Oct 19, 6:00 AM	392.7	13.1	6.4	1.7	12595.2	1040.2
Oct 19, 7:00 AM	311.4	9.8	6.1	1.6	11892.8	1033.9
Oct 19, 8:00 AM	352.0	11.7	6.3	1.7	12514.5	1040.0
Oct 19, 9:00 AM	392.4	13.4	6.5	1.7	12851.0	1040.8
Oct 19, 10:00 AM	318.1	10.4	6.4	1.7	12329.0	1041.9
Oct 19, 11:00 AM	351.3	11.2	6.4	1.6	12059.2	1042.8
Oct 19, 12:00 PM	408.8	13.7	6.9	1.7	12595.8	1048.2
Oct 19, 1:00 PM	419.3	15.8	7.7	1.9	14237.2	1062.6
Oct 19, 2:00 PM	445.4	18.3	8.3	2.1	15454.2	1071.1
Oct 19, 3:00 PM	382.8	16.8	8.8	2.2	16570.1	1079.4
Oct 19, 4:00 PM	435.7	18.4	8.5	2.0	15823.5	1072.2
Oct 19, 5:00 PM	364.8	15.3	8.6	2.1	15830.2	1075.3
Oct 19, 6:00 PM	324.4	12.5	8.1	2.0	14536.6	1067.6
Oct 19, 7:00 PM	293.4	10.6	7.5	1.8	13580.7	1058.9
Oct 19, 8:00 PM	356.3	12.7	7.4	1.8	13428.0	1056.9
Oct 19, 9:00 PM	325.8	11.1	7.1	1.7	12815.4	1052.9
Oct 19, 10:00 PM	394.7	12.3	6.6	1.7	11785.7	1046.0
Oct 19, 11:00 PM	431.6	12.8	6.2	1.6	11204.5	1042.1
Oct 20, 12:00 AM	353.5	10.5	6.2	1.6	11257.8	1040.0
Oct 20, 1:00 AM	305.9	9.6	6.4	1.6	11794.3	1044.2
Oct 20, 2:00 AM	304.9	9.5	6.4	1.6	11747.5	1042.7

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 20, 3:00 AM	371.4	11.3	6.2	1.6	11497.2	1039.5
Oct 20, 4:00 AM	315.1	8.1	5.7	1.4	9706.8	1026.9
Oct 20, 5:00 AM	324.0	9.9	6.1	1.6	11554.8	1038.7
Oct 20, 6:00 AM	377.1	12.1	6.4	1.6	12149.1	1042.6
Oct 20, 7:00 AM	345.8	11.1	6.4	1.7	12101.9	1041.3
Oct 20, 8:00 AM	394.2	12.6	6.2	1.7	12024.6	1041.5
Oct 20, 9:00 AM	331.1	10.7	6.3	1.7	12210.8	1042.4
Oct 20, 10:00 AM	364.5	12.4	6.6	1.8	12899.4	1047.9
Oct 20, 11:00 AM	333.2	12.9	7.5	1.9	14596.2	1058.8
Oct 20, 12:00 PM	337.7	14.1	8.1	2.0	15679.7	1066.6
Oct 20, 1:00 PM	409.1	16.9	8.5	2.1	15661.6	1075.2
Oct 20, 2:00 PM	395.7	17.3	8.8	2.2	16521.6	1082.3
Oct 20, 3:00 PM	351.3	15.7	9.2	2.2	16861.5	1087.8
Oct 20, 4:00 PM	365.7	17.5	9.7	2.3	18012.8	1093.6
Oct 20, 5:00 PM	304.8	15.6	10.5	2.5	19255.8	1104.8
Oct 20, 6:00 PM	356.0	16.2	9.7	2.2	17185.1	1093.9
Oct 20, 7:00 PM	344.3	13.1	8.4	2.0	14437.7	1072.5
Oct 20, 8:00 PM	340.3	13.4	8.5	2.0	14890.6	1078.8
Oct 20, 9:00 PM	358.7	14.8	8.8	2.1	15523.0	1080.9
Oct 20, 10:00 PM	349.7	14.8	8.7	2.1	15958.6	1079.6
Oct 20, 11:00 PM	349.1	14.2	8.6	2.0	15336.7	1080.0
Oct 21, 12:00 AM	379.1	14.7	8.1	1.9	14585.6	1071.0
Oct 21, 1:00 AM	411.6	14.9	7.6	1.9	13679.8	1065.0
Oct 21, 2:00 AM	355.6	13.2	7.5	1.9	13971.6	1063.9
Oct 21, 3:00 AM	425.3	16.2	7.7	1.9	14333.3	1064.4
Oct 21, 4:00 AM	382.4	12.7	7.1	1.7	12413.3	1049.2
Oct 21, 5:00 AM	348.4	12.7	7.3	1.8	13680.5	1058.7

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 21, 6:00 AM	351.4	12.2	7.0	1.7	13107.7	1054.6
Oct 21, 7:00 AM	367.3	12.4	6.7	1.7	12715.9	1051.5
Oct 21, 8:00 AM	364.2	12.4	6.8	1.7	12848.4	1050.7
Oct 21, 9:00 AM	326.5	12.0	7.3	1.9	13944.3	1057.0
Oct 21, 10:00 AM	390.1	15.9	8.5	2.0	15395.5	1073.6
Oct 21, 11:00 AM	422.0	17.6	9.1	2.1	15636.8	1079.5
Oct 21, 12:00 PM	341.2	16.0	10.3	2.3	17671.4	1097.1
Oct 21, 1:00 PM	385.8	19.8	11.4	2.5	19346.7	1114.8
Oct 21, 2:00 PM	326.6	17.8	12.3	2.8	20522.5	1129.0
Oct 21, 3:00 PM	385.5	21.3	12.5	2.8	20804.3	1130.9
Oct 21, 4:00 PM	338.3	17.1	12.2	2.7	19294.4	1124.6
Oct 21, 5:00 PM	385.1	21.9	12.7	2.8	21451.8	1130.0
Oct 21, 6:00 PM	344.4	18.1	11.5	2.6	19878.0	1113.9
Oct 21, 7:00 PM	389.5	17.1	9.6	2.3	16484.9	1087.9
Oct 21, 8:00 PM	405.7	18.1	9.5	2.2	16802.3	1087.8
Oct 21, 9:00 PM	360.7	15.4	9.0	2.2	16081.2	1080.2
Oct 21, 10:00 PM	332.0	13.2	8.4	2.1	15071.8	1072.0
Oct 21, 11:00 PM	437.0	17.2	8.1	2.0	14788.8	1067.2
Oct 22, 12:00 AM	338.7	13.2	7.8	2.0	14708.7	1064.4
Oct 22, 1:00 AM	340.5	13.8	8.1	2.0	15256.9	1066.6
Oct 22, 2:00 AM	429.1	17.1	8.0	2.0	15020.9	1064.4
Oct 22, 3:00 AM	404.4	15.5	7.5	2.0	14469.8	1059.3
Oct 22, 4:00 AM	381.2	11.6	6.4	1.7	11599.9	1038.4
Oct 22, 5:00 AM	380.7	12.3	6.5	1.7	12159.5	1045.1
Oct 22, 6:00 AM	394.5	12.5	6.3	1.6	11922.5	1043.5
Oct 22, 7:00 AM	343.1	10.5	6.2	1.6	11583.0	1039.7
Oct 22, 8:00 AM	298.3	9.6	6.4	1.7	12079.3	1045.3

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 22, 9:00 AM	333.0	10.0	6.1	1.5	11296.2	1038.8
Oct 22, 10:00 AM	356.1	12.1	6.7	1.7	12809.1	1048.1
Oct 22, 11:00 AM	356.1	15.7	8.1	2.0	16640.2	1067.7
Oct 22, 12:00 PM	355.4	17.9	9.3	2.3	19060.7	1081.1
Oct 22, 1:00 PM	346.1	19.0	10.1	2.5	20741.7	1094.7
Oct 22, 2:00 PM	462.8	25.0	10.2	2.5	20374.1	1097.8
Oct 22, 3:00 PM	409.5	23.1	10.8	2.6	21217.8	1106.4
Oct 22, 4:00 PM	397.8	21.6	10.5	2.5	20373.1	1103.8
Oct 22, 5:00 PM	413.9	24.2	11.3	2.7	22011.0	1115.3
Oct 22, 6:00 PM	439.3	24.2	10.8	2.6	20657.1	1106.9
Oct 22, 7:00 PM	382.6	20.1	10.7	2.6	19877.0	1107.8
Oct 22, 8:00 PM	361.5	18.2	10.2	2.5	18973.4	1101.1
Oct 22, 9:00 PM	477.1	22.9	9.7	2.4	18094.2	1093.8
Oct 22, 10:00 PM	436.3	20.7	9.6	2.4	17884.1	1091.4
Oct 22, 11:00 PM	367.5	17.0	9.6	2.3	17433.7	1089.0
Oct 23, 12:00 AM	369.2	14.3	8.3	2.0	14858.9	1068.7
Oct 23, 1:00 AM	446.8	20.4	9.0	2.2	17132.2	1082.7
Oct 23, 2:00 AM	412.8	19.0	9.1	2.3	17339.9	1083.6
Oct 23, 3:00 AM	403.5	18.3	8.9	2.3	17051.0	1080.2
Oct 23, 4:00 AM	403.6	18.5	8.9	2.2	17329.8	1079.3
Oct 23, 5:00 AM	378.4	17.5	9.0	2.2	17472.1	1083.7
Oct 23, 6:00 AM	432.2	19.3	8.7	2.2	16755.9	1077.7
Oct 23, 7:00 AM	348.2	15.6	8.7	2.2	16909.8	1078.7
Oct 23, 8:00 AM	320.2	13.1	8.5	2.1	16507.8	610.2
Oct 23, 9:00 AM	432.6					
Oct 23, 10:00 AM	386.8	16.9	8.3	2.3	16348.7	1065.3
Oct 23, 11:00 AM	320.0	14.8	8.6	2.4	17459.5	1073.7



O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 23, 12:00 PM	472.3	23.0	9.2	2.4	18309.8	1080.8
Oct 23, 1:00 PM	310.8	15.4	9.5	2.4	18680.8	1084.0
Oct 23, 2:00 PM	389.0	19.4	9.7	2.5	18879.4	1085.8
Oct 23, 3:00 PM	345.6	17.2	9.6	2.4	18728.8	1089.2
Oct 23, 4:00 PM	352.4	18.1	10.1	2.5	19473.1	1094.3
Oct 23, 5:00 PM	416.6	22.6	10.4	2.6	20486.2	1098.8
Oct 23, 6:00 PM	367.0	19.3	10.2	2.6	19778.2	1098.2
Oct 23, 7:00 PM	434.6	20.9	9.3	2.3	18052.8	1084.3
Oct 23, 8:00 PM	373.4	17.8	9.2	2.3	18047.9	1082.8
Oct 23, 9:00 PM	432.3	18.9	8.3	2.1	16311.9	1071.0
Oct 23, 10:00 PM	345.7	14.2	7.9	2.0	15466.6	1065.7
Oct 23, 11:00 PM	423.7	16.2	7.4	1.9	14448.8	1059.5
Oct 24, 12:00 AM	383.1	14.4	7.2	1.9	14205.3	1058.4
Oct 24, 1:00 AM	391.2	14.5	7.0	1.8	13940.8	1053.0
Oct 24, 2:00 AM	467.4	16.6	6.6	1.8	13368.9	1050.1
Oct 24, 3:00 AM	366.4	13.4	7.0	1.8	13889.0	1053.2
Oct 24, 4:00 AM	361.8	12.3	6.5	1.7	12846.1	1044.2
Oct 24, 5:00 AM	310.2	11.4	6.9	1.9	13909.8	1051.8
Oct 24, 6:00 AM	427.1	16.2	7.0	1.9	14300.2	1051.0
Oct 24, 7:00 AM	453.6	16.9	6.8	1.9	14091.5	1046.9
Oct 24, 8:00 AM	378.8	13.9	6.7	1.9	13874.5	1044.1
Oct 24, 9:00 AM	411.4	15.4	7.1	1.9	14315.8	1045.9
Oct 24, 10:00 AM	461.4	18.1	7.2	1.9	14789.4	1050.3
Oct 24, 11:00 AM	347.6	13.7	7.4	2.0	14843.7	1051.7
Oct 24, 12:00 PM	347.4	13.6	7.4	1.9	14776.0	1052.0
Oct 24, 1:00 PM	375.3	15.0	7.5	1.9	15233.6	1055.4
Oct 24, 2:00 PM	375.5	14.4	7.3	1.9	14457.4	1050.9

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 24, 3:00 PM	347.6	13.5	7.6	1.9	14646.0	1055.5
Oct 24, 4:00 PM	347.2	13.5	7.7	2.0	14734.2	1055.8
Oct 24, 5:00 PM	382.3	15.8	7.9	2.1	15591.0	1060.2
Oct 24, 6:00 PM	349.8	14.1	7.6	2.1	15183.3	1056.0
Oct 24, 7:00 PM	319.5	11.7	7.2	1.9	13882.6	1049.5
Oct 24, 8:00 PM	476.2	16.8	7.0	1.8	13290.3	1046.8
Oct 24, 9:00 PM	355.5	12.7	6.8	1.9	13430.5	1046.0
Oct 24, 10:00 PM	393.4	14.0	6.8	1.9	13357.2	1044.0
Oct 24, 11:00 PM	378.2	13.5	6.6	1.9	13506.0	1042.0
Oct 25, 12:00 AM	324.4	11.2	6.4	1.9	12973.3	1039.3
Oct 25, 1:00 AM	352.7	12.4	6.6	1.9	13289.2	1043.5
Oct 25, 2:00 AM	348.9	12.3	6.4	1.9	13252.9	1042.2
Oct 25, 3:00 AM	346.8	12.3	6.6	1.9	13411.6	1045.7
Oct 25, 4:00 AM	396.9	13.1	6.3	1.8	12430.2	1037.7
Oct 25, 5:00 AM	385.8	14.0	6.7	1.9	13633.7	1049.0
Oct 25, 6:00 AM	393.6	14.2	6.7	1.9	13639.8	1045.9
Oct 25, 7:00 AM	339.7	12.2	6.7	1.9	13574.3	1047.3
Oct 25, 8:00 AM	456.6	16.3	6.6	1.9	13420.3	1045.4
Oct 25, 9:00 AM	354.6	12.3	6.8	1.9	13100.7	1046.7
Oct 25, 10:00 AM	338.5	11.5	6.6	1.9	12865.0	1044.2
Oct 25, 11:00 AM	348.2	11.4	6.5	1.9	12341.8	1045.1
Oct 25, 12:00 PM	304.4	10.3	6.6	1.8	12712.6	1046.6
Oct 25, 1:00 PM	354.3	12.2	6.8	1.9	12983.0	1053.5
Oct 25, 2:00 PM	460.0	16.2	7.0	1.8	13233.4	1051.8
Oct 25, 3:00 PM	399.1	14.1	7.2	1.8	13333.4	1053.6
Oct 25, 4:00 PM	443.1	15.2	6.9	1.8	12793.6	1046.7
Oct 25, 5:00 PM	368.7	14.0	7.4	2.0	14342.5	1055.6

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 25, 6:00 PM	390.4	14.9	7.4	2.0	14392.0	1056.8
Oct 25, 7:00 PM	440.8	15.9	7.0	1.9	13623.7	1049.4
Oct 25, 8:00 PM	349.7	12.0	6.5	1.8	12891.2	1046.4
Oct 25, 9:00 PM	440.2	14.7	6.4	1.8	12625.6	1043.1
Oct 25, 10:00 PM	307.4	10.6	6.5	1.8	12949.3	1043.0
Oct 25, 11:00 PM	336.9	11.7	6.6	1.8	13100.6	1045.1
Oct 26, 12:00 AM	364.0	12.9	6.8	1.8	13325.7	1050.6
Oct 26, 1:00 AM	324.2	11.3	6.7	1.8	13172.3	1050.7
Oct 26, 2:00 AM	365.5	12.9	6.8	1.7	13261.9	1051.1
Oct 26, 3:00 AM	297.0	10.3	6.7	1.7	13136.6	1049.3
Oct 26, 4:00 AM	401.9	13.3	6.4	1.7	12403.1	1041.9
Oct 26, 5:00 AM	332.7	12.2	6.6	1.9	13862.8	1051.4
Oct 26, 6:00 AM	375.0	13.5	6.6	1.9	13596.6	1049.1
Oct 26, 7:00 AM	404.5	13.1	6.0	1.7	11824.7	1038.1
Oct 26, 8:00 AM	325.5	12.3	6.8	1.9	14269.9	1051.0
Oct 26, 9:00 AM	330.3	12.8	7.0	1.9	14645.6	1051.2
Oct 26, 10:00 AM	320.8	12.6	7.1	1.9	14810.2	1056.0
Oct 26, 11:00 AM	365.4	14.4	7.2	1.9	14896.3	1054.7
Oct 26, 12:00 PM	322.8	12.9	7.5	2.0	15063.3	1059.5
Oct 26, 1:00 PM	329.6	13.5	7.7	2.0	15405.3	1063.3
Oct 26, 2:00 PM	364.8	15.3	7.9	2.1	15857.5	1066.8
Oct 26, 3:00 PM	307.6	12.8	7.8	2.0	15708.7	1064.8
Oct 26, 4:00 PM	354.2	13.0	7.2	1.8	14007.6	1053.3
Oct 26, 5:00 PM	362.1	15.3	8.0	2.0	15926.7	1065.7
Oct 26, 6:00 PM	327.2	14.2	8.1	2.0	16365.2	1065.9
Oct 26, 7:00 PM	402.4	16.7	7.8	2.0	15642.0	1061.6
Oct 26, 8:00 PM	371.1	14.3	7.2	1.9	14523.9	1052.1

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 26, 9:00 PM	471.5	17.8	7.1	1.9	14249.3	1049.8
Oct 26, 10:00 PM	360.5	13.8	7.1	2.0	14421.1	1052.0
Oct 26, 11:00 PM	350.5	13.6	7.2	1.9	14611.1	1050.0
Oct 27, 12:00 AM	323.3	12.4	7.0	2.0	14480.8	1050.9
Oct 27, 1:00 AM	373.5	14.5	7.1	2.0	14657.5	1051.8
Oct 27, 2:00 AM	382.7	14.9	7.2	2.0	14718.9	1051.1
Oct 27, 3:00 AM	307.3	12.2	7.2	2.0	14945.3	1050.7
Oct 27, 4:00 AM	341.0	11.9	6.4	1.8	13135.2	1036.5
Oct 27, 5:00 AM	534.3	20.2	7.1	1.9	14183.3	1046.6
Oct 27, 6:00 AM	395.6	15.8	7.2	1.9	15036.3	1047.9
Oct 27, 7:00 AM	300.5	12.1	7.2	2.0	15227.1	1049.1
Oct 27, 8:00 AM	341.5	13.7	7.2	2.0	15111.7	1048.2
Oct 27, 9:00 AM	402.4	16.2	7.2	2.0	15204.7	1049.2
Oct 27, 10:00 AM	361.2	12.5	6.2	1.7	12810.4	994.5
Oct 27, 11:00 AM	364.7	11.8	5.9	1.7	12092.3	1032.7
Oct 27, 12:00 PM	323.7	10.5	5.7	1.6	12234.8	1027.1
Oct 27, 1:00 PM	340.1	10.4	5.7	1.5	11606.8	1025.6
Oct 27, 2:00 PM	2094.8	853.6	8.5	4.3	113933.7	744.0
Oct 27, 3:00 PM	415.3					
Oct 27, 4:00 PM	361.6					
Oct 27, 5:00 PM	364.0					
Oct 27, 6:00 PM	386.8					
Oct 27, 7:00 PM	342.8					
Oct 27, 8:00 PM	343.3					
Oct 27, 9:00 PM	329.3					
Oct 27, 10:00 PM	288.1					
Oct 27, 11:00 PM	328.6					

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Oct 28, 12:00 AM	298.1					
Oct 28, 1:00 AM	292.3					
Oct 28, 2:00 AM	293.4					
Oct 28, 3:00 AM	394.4					
Oct 28, 4:00 AM	314.0					
Oct 28, 5:00 AM	348.8					
Oct 28, 6:00 AM	316.4					
Oct 28, 7:00 AM	314.0					
Oct 28, 8:00 AM	286.2					
Oct 28, 9:00 AM	368.9					
Oct 28, 10:00 AM	318.0					
Oct 28, 11:00 AM	319.5	10.6	8.4	3.2	12494.4	1014.4
Oct 28, 12:00 PM	332.6	11.7	8.0	3.5	13267.4	1024.3
Oct 28, 1:00 PM	311.5	11.5	8.1	3.7	13909.0	1034.7
Oct 28, 2:00 PM	373.6	13.9	8.4	4.0	13966.8	1041.7
Oct 28, 3:00 PM	425.1	15.1	8.9	4.2	13296.9	1053.9
Oct 28, 4:00 PM	325.6	10.9	7.3	4.7	12672.9	1055.4
Oct 28, 5:00 PM	332.4	11.0	5.3	5.6	12451.0	1062.2
Oct 28, 6:00 PM	379.6	11.7	3.3	6.5	11601.4	1058.0
Oct 28, 7:00 PM	391.2	11.0	2.1	6.5	10557.1	1049.9
Oct 28, 8:00 PM	306.5	8.2	2.3	7.2	10143.0	1049.3
Oct 28, 9:00 PM	340.5	8.9	3.2	9.6	9868.1	1043.3
Oct 28, 10:00 PM	396.2	10.5	2.0	10.8	9979.2	1041.7
Oct 28, 11:00 PM	450.5	10.7	1.8	9.8	8862.2	1033.7
Oct 29, 12:00 AM	337.9	8.2	2.1	9.3	9127.4	1036.5
Oct 29, 1:00 AM	427.5	10.2	2.3	9.8	9034.9	1034.9
Oct 29, 2:00 AM	326.3	7.9	1.5	9.8	9111.8	1036.3

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 29, 3:00 AM	391.7	9.6	2.9	9.9	9213.6	1034.6
Oct 29, 4:00 AM	358.0	8.5	1.9	11.0	8984.4	1031.0
Oct 29, 5:00 AM	351.0	9.4	2.5	11.7	10086.1	1035.7
Oct 29, 6:00 AM	362.0	8.9	3.4	11.7	9290.4	1035.4
Oct 29, 7:00 AM	364.5	10.7	1.4	9.9	11018.6	1042.0
Oct 29, 8:00 AM	336.1	10.3	1.9	14.6	11879.0	1046.6
Oct 29, 9:00 AM	476.0	15.2	3.5	13.2	12242.3	1046.7
Oct 29, 10:00 AM	382.1	12.7	1.8	14.9	12629.0	1047.1
Oct 29, 11:00 AM	346.0	11.3	4.3	14.7	12350.0	1049.4
Oct 29, 12:00 PM	372.8	18.0	3.6	14.9	18199.2	1081.2
Oct 29, 1:00 PM	354.1	19.8	4.5	14.0	20988.9	1110.2
Oct 29, 2:00 PM	323.5	15.0	3.8	16.5	17433.2	1093.4
Oct 29, 3:00 PM	330.2	13.6	2.4	16.5	15521.3	1082.2
Oct 29, 4:00 PM	335.6	13.2	2.8	15.4	14967.3	1074.0
Oct 29, 5:00 PM	310.9	14.7	3.1	12.7	17866.1	1093.2
Oct 29, 6:00 PM	311.9	14.4	3.6	14.1	17502.3	1089.5
Oct 29, 7:00 PM	351.4	14.3	3.4	15.8	15347.6	1077.2
Oct 29, 8:00 PM	302.9	12.2	3.4	12.9	15128.3	1075.0
Oct 29, 9:00 PM	327.6	13.7	3.1	14.7	15815.9	1077.6
Oct 29, 10:00 PM	350.4	14.3	3.9	15.3	15432.2	1072.7
Oct 29, 11:00 PM	352.3	12.8	3.5	15.5	13718.4	1060.0
Oct 30, 12:00 AM	408.2	17.1	1.9	19.0	15796.8	1068.9
Oct 30, 1:00 AM	392.9	16.3	3.1	16.9	15652.9	1065.7
Oct 30, 2:00 AM	341.0	13.6	2.2	15.6	15028.3	1065.2
Oct 30, 3:00 AM	342.8	13.2	1.9	13.7	14514.9	1063.8
Oct 30, 4:00 AM	352.7	12.3	2.8	14.0	13185.4	1054.5
Oct 30, 5:00 AM	302.7	11.7	2.3	14.8	14628.9	1062.5

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 30, 6:00 AM	430.2	16.0	3.0	15.1	13939.3	1058.6
Oct 30, 7:00 AM	377.7	14.0	2.1	14.5	14012.7	1059.7
Oct 30, 8:00 AM	277.2					
Oct 30, 9:00 AM	483.2					
Oct 30, 10:00 AM	352.4	13.9				1066.0
Oct 30, 11:00 AM	413.9	17.2				1071.8
Oct 30, 12:00 PM	413.4	17.7				1075.8
Oct 30, 1:00 PM	381.8	14.5				1066.4
Oct 30, 2:00 PM	359.2	14.8				1072.2
Oct 30, 3:00 PM	315.3	12.3				1068.9
Oct 30, 4:00 PM	353.9	12.9				1064.7
Oct 30, 5:00 PM	347.7	13.7				1072.2
Oct 30, 6:00 PM	316.2	12.6				1074.5
Oct 30, 7:00 PM	346.0	13.5				1076.8
Oct 30, 8:00 PM	330.7	11.5				1068.3
Oct 30, 9:00 PM	381.5	12.3				1062.4
Oct 30, 10:00 PM	420.0	14.1				1068.5
Oct 30, 11:00 PM	331.8	10.9				1067.9
Oct 31, 12:00 AM	410.8	14.9				1077.8
Oct 31, 1:00 AM	374.8	11.9				1066.5
Oct 31, 2:00 AM	337.6	10.5				1063.5
Oct 31, 3:00 AM	377.0	12.0				1065.2
Oct 31, 4:00 AM	417.0	12.6				1058.4
Oct 31, 5:00 AM	305.5	9.8				1064.6
Oct 31, 6:00 AM	327.6	10.1				1060.1
Oct 31, 7:00 AM	407.1	12.1				1058.4
Oct 31, 8:00 AM	256.9	7.3				890.0

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Oct 31, 9:00 AM	506.3	16.1				804.0
Oct 31, 10:00 AM	355.8	11.3				1063.5
Oct 31, 11:00 AM	430.0	13.7				1063.6
Oct 31, 12:00 PM	413.4	13.4				1066.7
Oct 31, 1:00 PM	339.1	11.7				1070.8
Oct 31, 2:00 PM	363.9	10.8				1058.7
Oct 31, 3:00 PM	396.4	14.3				1077.9
Oct 31, 4:00 PM	405.5	14.0				1076.4
Oct 31, 5:00 PM	364.5	12.4				1075.1
Oct 31, 6:00 PM	361.8	11.7				1072.9
Oct 31, 7:00 PM	342.6	10.9				1067.8
Oct 31, 8:00 PM	461.1	14.8				1068.4
Oct 31, 9:00 PM	414.9	12.5				1063.5
Oct 31, 10:00 PM	337.6	10.1				1062.2
Oct 31, 11:00 PM	302.9	7.6				1051.9
Nov 1, 12:00 AM	396.1	10.5				1052.1
Nov 1, 1:00 AM	393.5	10.5				1052.5
Nov 1, 2:00 AM	450.1	10.9				1044.8
Nov 1, 3:00 AM	423.3	10.1				1042.7
Nov 1, 4:00 AM	324.8	6.6				1031.8
Nov 1, 5:00 AM	341.2	7.6				1036.8
Nov 1, 6:00 AM	387.7	8.0				1031.9
Nov 1, 7:00 AM	335.6	6.6				1026.0
Nov 1, 8:00 AM	253.3					
Nov 1, 9:00 AM	224.8					
Nov 1, 10:00 AM	381.8					
Nov 1, 11:00 AM	357.2					



O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 1, 12:00 PM	394.6					
Nov 1, 1:00 PM	370.1	14.5	9.5	3.2	14886.2	535.8
Nov 1, 2:00 PM	389.5	15.1	8.5	3.2	14576.2	1041.4
Nov 1, 3:00 PM	281.2	10.6	7.7	3.3	14320.6	1038.9
Nov 1, 4:00 PM	326.7	11.1	6.9	3.0	12979.3	1028.2
Nov 1, 5:00 PM	313.6	11.7	7.0	3.1	14046.9	1035.0
Nov 1, 6:00 PM	323.0	11.8	6.5	3.0	13801.4	1032.9
Nov 1, 7:00 PM	338.6	11.9	6.2	2.9	13353.1	1028.3
Nov 1, 8:00 PM	336.0	12.4	6.5	3.0	13868.8	1033.0
Nov 1, 9:00 PM	356.9	12.7	6.2	2.8	13445.0	1031.5
Nov 1, 10:00 PM	355.5	12.6	6.4	2.8	13383.3	1032.6
Nov 1, 11:00 PM	330.0	11.2	6.2	2.8	12888.5	1029.4
Nov 2, 12:00 AM	394.7	14.5	6.8	3.0	13811.6	1044.3
Nov 2, 1:00 AM	346.6	11.9	6.5	2.7	12919.2	1039.0
Nov 2, 2:00 AM	346.0	11.0	6.1	2.7	12016.2	1034.6
Nov 2, 3:00 AM	329.5	10.0	5.8	2.5	11506.8	1031.5
Nov 2, 4:00 AM	371.8	10.8	5.5	2.4	10886.2	1025.0
Nov 2, 5:00 AM	371.9	11.3	5.5	2.5	11500.3	1028.7
Nov 2, 6:00 AM	352.4	10.0	5.2	2.4	10713.6	1024.8
Nov 2, 7:00 AM	364.4	10.5	5.0	2.3	10836.6	1022.7
Nov 2, 8:00 AM	443.1	12.8	5.1	2.3	10901.3	1021.7
Nov 2, 9:00 AM	270.7	7.7	5.0	2.3	10767.4	1021.3
Nov 2, 10:00 AM	368.4	10.7	5.2	2.3	10935.2	1022.6
Nov 2, 11:00 AM	388.3	12.2	5.6	2.4	11873.2	1027.6
Nov 2, 12:00 PM	324.7	11.2	6.2	2.5	12942.6	1033.5
Nov 2, 1:00 PM	391.6	13.3	6.1	2.6	12858.8	1034.1
Nov 2, 2:00 PM	347.6	9.7	5.8	2.4	10732.7	1022.3

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 2, 3:00 PM	382.5	13.8	6.4	2.7	13645.5	1038.5
Nov 2, 4:00 PM	389.3	13.5	6.1	2.6	13072.0	1036.4
Nov 2, 5:00 PM	387.4	14.7	6.5	2.7	14244.8	1039.4
Nov 2, 6:00 PM	391.8	15.0	6.4	2.7	14458.4	1038.4
Nov 2, 7:00 PM	315.8	11.4	6.4	2.7	13586.3	1037.8
Nov 2, 8:00 PM	341.1	11.7	5.9	2.6	12910.0	1036.5
Nov 2, 9:00 PM	321.4	10.6	6.0	2.5	12530.3	1035.2
Nov 2, 10:00 PM	283.3	8.8	5.6	2.4	11715.0	1030.8
Nov 2, 11:00 PM	424.1	13.3	5.5	2.4	11842.3	1030.8
Nov 3, 12:00 AM	346.8	9.8	5.1	2.3	10691.1	1023.6
Nov 3, 1:00 AM	375.6	11.4	5.4	2.4	11444.3	1028.6
Nov 3, 1:00 AM	281.6	8.4	5.1	2.2	11200.8	1027.1
Nov 3, 2:00 AM	331.6	9.8	5.2	2.3	11184.8	1027.2
Nov 3, 3:00 AM	329.0	9.9	5.1	2.3	11289.6	1025.7
Nov 3, 4:00 AM	360.4	11.0	5.2	2.3	11523.5	1024.6
Nov 3, 5:00 AM	337.2	10.3	5.2	2.3	11475.5	1025.2
Nov 3, 6:00 AM	326.8	9.4	4.9	2.2	10857.2	1023.9
Nov 3, 7:00 AM	321.1	9.0	5.0	2.2	10634.9	1021.7
Nov 3, 8:00 AM	332.8	10.0	5.1	2.2	11302.0	1024.7
Nov 3, 9:00 AM	307.5	9.3	5.0	2.2	11444.5	1025.8
Nov 3, 10:00 AM	331.5	10.8	5.4	2.4	12349.3	1030.3
Nov 3, 11:00 AM	335.0	10.9	5.8	2.4	12195.4	1030.5
Nov 3, 12:00 PM	310.0	11.2	6.1	2.6	13605.1	1037.5
Nov 3, 1:00 PM	308.5	12.9	7.0	2.8	15782.1	1048.9
Nov 3, 2:00 PM	338.9	14.7	7.2	3.0	16250.3	1054.3
Nov 3, 3:00 PM	416.7	19.3	7.6	3.1	17355.8	1058.2
Nov 3, 4:00 PM	372.2	15.9	7.3	3.0	16142.5	1050.3

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 3, 5:00 PM	327.6	13.5	6.9	2.9	15539.1	1049.7
Nov 3, 6:00 PM	402.4	15.7	6.6	2.8	14693.1	1044.9
Nov 3, 7:00 PM	367.2	13.4	6.4	2.6	13823.1	1038.2
Nov 3, 8:00 PM	290.4	11.2	6.4	2.8	14557.6	1040.8
Nov 3, 9:00 PM	331.2	12.5	6.2	2.7	14234.7	1040.1
Nov 3, 10:00 PM	359.1	13.7	6.3	2.7	14401.9	1042.3
Nov 3, 11:00 PM	327.4	12.5	6.3	2.8	14340.6	1042.9
Nov 4, 12:00 AM	350.1	11.9	5.9	2.6	12875.5	1036.6
Nov 4, 1:00 AM	328.7	12.5	6.6	2.7	14417.2	1047.5
Nov 4, 2:00 AM	371.7	15.0	6.8	2.9	15272.7	1051.5
Nov 4, 3:00 AM	368.0	16.3	7.4	3.1	16666.9	1060.7
Nov 4, 4:00 AM	369.8	14.3	7.0	2.8	14506.6	1051.3
Nov 4, 5:00 AM	406.9	16.7	7.0	2.9	15497.6	1055.0
Nov 4, 6:00 AM	366.3	15.0	7.2	2.9	15482.2	1057.1
Nov 4, 7:00 AM	335.3	12.4	6.8	2.8	14057.0	1046.8
Nov 4, 8:00 AM	336.2	14.9	7.3	3.0	16681.1	1060.1
Nov 4, 9:00 AM	357.3	15.3	7.2	3.0	16192.9	1056.6
Nov 4, 10:00 AM	301.6	13.2	7.3	3.1	16433.4	1057.8
Nov 4, 11:00 AM	298.9	13.9	7.7	3.2	17662.8	1065.8
Nov 4, 12:00 PM	334.0	16.8	8.3	3.4	18998.4	1072.3
Nov 4, 1:00 PM	373.9	19.8	8.8	3.6	19970.3	1078.6
Nov 4, 2:00 PM	434.9	21.6	8.6	3.4	18422.3	1071.1
Nov 4, 3:00 PM	296.1	16.4	9.7	3.7	20927.0	1088.9
Nov 4, 4:00 PM	487.2	28.5	10.3	3.9	22012.5	1093.8
Nov 4, 5:00 PM	313.8	18.5	10.2	3.9	22215.0	1094.7
Nov 4, 6:00 PM	406.9	23.9	10.0	3.9	22112.7	1092.7
Nov 4, 7:00 PM	351.4	19.3	9.6	3.7	20729.9	1086.7

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 4, 8:00 PM	372.8	21.7	9.7	3.9	21840.2	1086.5
Nov 4, 9:00 PM	383.0	20.7	9.5	3.8	20306.7	1085.9
Nov 4, 10:00 PM	395.8	24.0	10.5	4.1	22889.5	1097.6
Nov 4, 11:00 PM	367.3	22.2	11.1	4.1	22754.0	1101.4
Nov 5, 12:00 AM	343.0	26.2	14.6	5.1	28781.0	1145.5
Nov 5, 1:00 AM	347.7	23.7	14.1	4.8	25834.0	1133.6
Nov 5, 2:00 AM	340.1	24.0	15.9	5.1	26550.3	1154.2
Nov 5, 3:00 AM	360.9	21.8	14.1	4.7	22854.5	1131.2
Nov 5, 4:00 AM	341.5	20.7	12.4	4.4	22852.9	1114.0
Nov 5, 5:00 AM	309.7	20.0	12.3	4.4	24329.6	1117.4
Nov 5, 6:00 AM	373.5	24.4	12.3	4.4	24582.7	1117.2
Nov 5, 7:00 AM	333.1	20.9	11.9	4.3	23715.3	1112.2
Nov 5, 8:00 AM	358.5	23.6	12.2	4.3	24850.8	1114.4
Nov 5, 9:00 AM	335.0	21.4	11.7	4.2	24113.1	1111.6
Nov 5, 10:00 AM	375.6	23.6	11.6	4.1	23710.0	1105.8
Nov 5, 11:00 AM	342.4	22.1	11.6	4.2	24362.6	1107.5
Nov 5, 12:00 PM	362.4	23.7	11.7	4.2	24659.9	1107.3
Nov 5, 1:00 PM	302.0	18.9	11.2	4.1	23770.3	1100.3
Nov 5, 2:00 PM	345.6	21.6	11.1	4.1	23792.9	1098.6
Nov 5, 3:00 PM	341.2	23.6	12.0	4.3	26033.2	1108.6
Nov 5, 4:00 PM	339.8	23.6	11.9	4.4	26139.9	1108.0
Nov 5, 5:00 PM	362.8	24.9	11.8	4.3	25878.9	1106.5
Nov 5, 6:00 PM	328.6	22.8	11.7	4.4	26229.6	1106.4
Nov 5, 7:00 PM	349.9	22.9	11.6	4.2	24761.1	1103.0
Nov 5, 8:00 PM	319.6	22.8	12.7	4.5	26932.0	1116.8
Nov 5, 9:00 PM	373.0	26.3	12.3	4.4	26612.4	1110.9
Nov 5, 10:00 PM	350.5	24.8	12.7	4.6	26621.2	1120.9

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 5, 11:00 PM	363.4	25.8	12.4	4.4	26813.6	1116.5
Nov 6, 12:00 AM	330.7	22.7	12.3	4.4	25874.6	1112.8
Nov 6, 1:00 AM	392.1	22.9	10.5	3.8	21715.0	1091.2
Nov 6, 2:00 AM	357.4	22.1	10.8	4.0	23344.9	1097.4
Nov 6, 3:00 AM	366.4	21.4	10.3	3.8	21998.8	1089.2
Nov 6, 4:00 AM	335.5	18.4	9.8	3.6	20867.1	1081.8
Nov 6, 5:00 AM	422.7	25.0	10.3	3.8	22282.4	1089.7
Nov 6, 6:00 AM	360.3	20.4	9.9	3.6	21259.8	1083.7
Nov 6, 7:00 AM	433.2	23.8	9.6	3.6	20709.2	1077.7
Nov 6, 8:00 AM	458.0	28.4	9.3	3.5	21079.2	656.6
Nov 6, 9:00 AM	436.3	26.3	10.2	3.8	22716.5	1084.7
Nov 6, 10:00 AM	364.4	21.2	9.9	3.7	21939.1	1083.1
Nov 6, 11:00 AM	373.4	24.2	11.4	4.0	24458.7	1102.6
Nov 6, 12:00 PM	337.9	24.6	12.7	4.4	27483.7	1116.2
Nov 6, 1:00 PM	323.3	24.1	13.1	4.5	28072.2	1122.6
Nov 6, 2:00 PM	359.0	25.0	12.6	4.3	26308.9	1115.5
Nov 6, 3:00 PM	345.0	23.5	12.4	4.2	25610.5	1112.1
Nov 6, 4:00 PM	330.4	20.5	11.3	4.0	23698.3	1099.4
Nov 6, 5:00 PM	390.2	24.4	11.0	3.9	23586.5	1096.1
Nov 6, 6:00 PM	342.4	21.2	10.6	3.8	23337.2	1091.6
Nov 6, 7:00 PM	451.6	26.7	10.0	3.7	22202.2	1082.1
Nov 6, 8:00 PM	405.2	24.1	9.9	3.6	22411.8	1079.9
Nov 6, 9:00 PM	343.7	19.2	9.1	3.5	20976.9	1070.3
Nov 6, 10:00 PM	369.7	17.5	7.9	3.1	17987.4	1052.5
Nov 6, 11:00 PM	351.1	18.9	8.4	3.2	20191.4	1060.3
Nov 7, 12:00 AM	314.6	19.0	9.3	3.6	22883.2	1071.3
Nov 7, 1:00 AM	396.7	22.7	8.9	3.5	21726.0	1066.4

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 7, 2:00 AM	290.0	17.0	9.2	3.6	22111.0	1071.2
Nov 7, 3:00 AM	433.1	24.5	8.8	3.4	21257.1	1067.0
Nov 7, 4:00 AM	336.8	17.6	8.4	3.2	19728.3	1060.2
Nov 7, 5:00 AM	325.3	17.5	8.5	3.2	20292.3	1061.7
Nov 7, 6:00 AM	301.4	15.4	8.1	3.2	19381.7	1055.9
Nov 7, 7:00 AM	373.1	18.4	7.8	3.1	18641.3	1054.5
Nov 7, 8:00 AM	379.7	18.0	7.3	3.0	17882.5	1050.7
Nov 7, 9:00 AM	355.3	17.0	7.4	3.0	18079.8	1051.0
Nov 7, 10:00 AM	367.5	18.4	7.9	3.0	18962.7	1058.3
Nov 7, 11:00 AM	358.8	19.7	8.4	3.2	20661.9	1063.1
Nov 7, 12:00 PM	338.6	21.4	9.5	3.5	23816.4	1076.4
Nov 7, 1:00 PM	362.4	21.9	9.1	3.5	22782.8	1074.1
Nov 7, 2:00 PM	345.2	19.3	8.7	3.3	21099.4	1067.5
Nov 7, 3:00 PM	386.8	23.1	8.8	3.4	22528.8	1071.1
Nov 7, 4:00 PM	329.0	18.1	8.1	3.2	21029.9	1060.6
Nov 7, 5:00 PM	484.1	30.7	9.1	3.6	23860.7	1069.7
Nov 7, 6:00 PM	296.0	17.1	8.3	3.4	21962.7	1060.1
Nov 7, 7:00 PM	333.5	18.6	7.9	3.3	21005.0	1055.2
Nov 7, 8:00 PM	366.4	20.6	8.1	3.4	21234.4	1057.2
Nov 7, 9:00 PM	399.6	22.0	7.7	3.2	20638.5	1053.4
Nov 7, 10:00 PM	273.3	15.9	8.2	3.4	22006.6	1058.5
Nov 7, 11:00 PM	386.1	21.5	7.9	3.3	21052.4	1058.2
Nov 8, 12:00 AM	404.6	20.8	7.5	3.1	19394.6	1050.7
Nov 8, 1:00 AM	443.2	24.1	7.8	3.2	20522.5	1055.1
Nov 8, 2:00 AM	316.3	16.7	7.5	3.2	19901.2	1053.9
Nov 8, 3:00 AM	350.5	18.0	7.3	3.1	19278.8	1052.6
Nov 8, 4:00 AM	425.0	20.1	7.1	3.0	17582.1	1046.5

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 8, 5:00 AM	322.3	16.3	7.5	3.1	19063.7	1052.8
Nov 8, 6:00 AM	398.6	20.9	7.6	3.1	19786.1	1055.7
Nov 8, 7:00 AM	381.8	19.7	7.7	3.2	19481.5	1051.0
Nov 8, 8:00 AM	362.9	19.7	7.9	3.2	20521.2	1054.1
Nov 8, 9:00 AM	391.1	21.7	8.2	3.3	21009.1	1060.5
Nov 8, 10:00 AM	340.9	19.5	8.5	3.5	21588.1	1064.8
Nov 8, 11:00 AM	369.4	21.0	8.2	3.3	21439.4	1060.3
Nov 8, 12:00 PM	399.6	26.5	9.7	3.8	25067.8	1083.7
Nov 8, 1:00 PM	357.6	25.4	10.1	3.9	26769.4	1088.2
Nov 8, 2:00 PM	375.3	28.1	10.8	4.1	28272.6	1096.5
Nov 8, 3:00 PM	370.7	26.0	10.1	4.0	26480.6	1090.2
Nov 8, 4:00 PM	353.4	25.7	10.4	4.0	27548.6	1093.8
Nov 8, 5:00 PM	373.1	30.1	11.2	4.3	30384.9	1101.3
Nov 8, 6:00 PM	358.0	28.9	11.3	4.2	30446.7	1099.4
Nov 8, 7:00 PM	368.6	25.3	9.9	3.9	25851.6	1079.2
Nov 8, 8:00 PM	424.7	28.2	9.6	3.8	25026.6	1077.3
Nov 8, 9:00 PM	331.8	20.9	9.4	3.7	23744.0	1074.0
Nov 8, 10:00 PM	338.4	20.6	9.1	3.7	22911.7	1072.2
Nov 8, 11:00 PM	341.3	26.7	11.1	4.3	29548.3	1093.4
Nov 9, 12:00 AM	397.6	22.2	8.7	3.6	21014.1	1064.1
Nov 9, 1:00 AM	371.9	21.3	8.6	3.5	21556.3	1065.4
Nov 9, 2:00 AM	312.0	17.0	7.7	3.4	20551.7	1054.8
Nov 9, 3:00 AM	352.3	16.7	7.2	3.1	17894.1	1047.6
Nov 9, 4:00 AM	355.6	16.1	6.7	3.0	17178.4	1042.6
Nov 9, 5:00 AM	388.1	17.3	6.5	2.9	16735.9	1042.0
Nov 9, 6:00 AM	516.5	22.2	6.1	2.8	16191.8	1037.8
Nov 9, 7:00 AM	357.7	14.6	6.0	2.7	15405.8	1032.8

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 9, 8:00 AM	383.3	16.6	6.1	2.8	16317.5	1035.9
Nov 9, 9:00 AM	323.1	15.1	6.3	2.9	17616.2	1039.4
Nov 9, 10:00 AM	322.0	16.4	6.8	3.1	19148.7	1047.6
Nov 9, 11:00 AM	361.8	18.7	7.4	3.1	19495.3	1052.3
Nov 9, 12:00 PM	318.6	17.3	7.6	3.2	20465.7	1055.5
Nov 9, 1:00 PM	417.8	23.8	8.1	3.4	21508.4	1060.1
Nov 9, 2:00 PM	354.0	20.3	8.1	3.4	21574.7	1058.0
Nov 9, 3:00 PM	378.6	19.7	7.4	3.3	19490.2	1046.7
Nov 9, 4:00 PM	339.5	19.7	8.1	3.4	21855.4	1057.0
Nov 9, 5:00 PM	334.4	19.4	8.0	3.4	21850.1	1054.5
Nov 9, 6:00 PM	415.5	22.7	7.6	3.3	20622.3	1049.0
Nov 9, 7:00 PM	396.4	17.2	6.4	2.8	16160.1	1029.3
Nov 9, 8:00 PM	393.9	18.6	6.7	2.9	17773.8	1037.8
Nov 9, 9:00 PM	392.9	18.7	6.7	2.9	17899.9	1035.4
Nov 9, 10:00 PM	329.7	16.5	7.0	3.1	18830.6	1039.2
Nov 9, 11:00 PM	334.5	15.2	6.3	2.9	17065.9	1030.2
Nov 10, 12:00 AM	261.6	12.3	6.7	2.9	17772.0	1036.5
Nov 10, 1:00 AM	327.6	15.3	6.5	2.9	17648.5	1035.4
Nov 10, 2:00 AM	482.1	22.7	6.5	2.8	17785.6	1036.9
Nov 10, 3:00 AM	437.9	21.0	6.5	2.9	18070.8	1038.2
Nov 10, 4:00 AM	304.3	13.6	6.5	2.8	17106.6	1033.2
Nov 10, 5:00 AM	332.7	16.6	6.9	3.0	18782.0	1041.4
Nov 10, 6:00 AM	320.8	16.1	7.0	3.0	18895.5	1042.8
Nov 10, 7:00 AM	376.2	18.0	6.6	2.9	17890.4	1036.2
Nov 10, 8:00 AM	335.7	16.0	6.7	3.0	18053.0	1038.2
Nov 10, 9:00 AM	295.1	13.4	6.4	2.8	17181.8	1035.9
Nov 10, 10:00 AM	376.3	17.7	6.6	2.9	17612.6	1038.9



O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 10, 11:00 AM	371.1	18.7	7.2	3.1	19001.8	1044.9
Nov 10, 12:00 PM	486.3	25.2	7.6	3.2	19526.4	1051.8
Nov 10, 1:00 PM	371.4	19.9	8.0	3.3	20192.0	1057.5
Nov 10, 2:00 PM	353.0	17.0	7.4	3.1	18335.6	1048.2
Nov 10, 3:00 PM	432.1	23.1	7.9	3.3	20153.1	1057.6
Nov 10, 4:00 PM	364.5	19.4	8.0	3.3	20148.8	1058.7
Nov 10, 5:00 PM	314.3	17.5	8.5	3.4	20973.3	1068.1
Nov 10, 6:00 PM	462.7	26.7	8.8	3.6	21822.9	1070.7
Nov 10, 7:00 PM	432.2	24.6	8.9	3.5	21463.2	1070.5
Nov 10, 8:00 PM	332.4	19.3	8.9	3.6	21962.1	1074.3
Nov 10, 9:00 PM	349.0	20.6	8.8	3.6	22092.4	1072.2
Nov 10, 10:00 PM	341.7	20.0	9.0	3.5	21981.0	1073.1
Nov 10, 11:00 PM	313.7	19.0	9.2	3.6	22829.6	1076.5
Nov 11, 12:00 AM	400.7	23.4	9.0	3.6	21921.7	1074.3
Nov 11, 1:00 AM	364.3	23.4	9.7	3.8	24211.0	1082.6
Nov 11, 2:00 AM	486.5	30.0	9.4	3.7	23299.5	1081.2
Nov 11, 3:00 AM	325.7	19.1	9.2	3.6	22134.9	1077.7
Nov 11, 4:00 AM	419.4	22.9	8.5	3.4	20411.4	1066.0
Nov 11, 5:00 AM	364.5	21.3	8.9	3.5	22012.4	1072.1
Nov 11, 6:00 AM	351.5	20.3	8.9	3.6	21783.1	1071.3
Nov 11, 7:00 AM	342.0	20.0	9.0	3.5	22024.5	1071.4
Nov 11, 8:00 AM	331.8	21.0	9.5	3.7	23830.1	1080.1
Nov 11, 9:00 AM	448.7	27.8	9.5	3.7	23339.5	1079.5
Nov 11, 10:00 AM	362.2	21.0	9.3	3.5	22064.2	1076.3
Nov 11, 11:00 AM	326.5	20.3	9.7	3.8	23404.7	1084.2
Nov 11, 12:00 PM	390.3	24.7	10.1	3.8	23777.3	1085.2
Nov 11, 1:00 PM	344.7	22.0	10.0	3.8	23990.7	1087.6

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 11, 2:00 PM	303.2	19.6	10.1	3.9	24407.1	1089.5
Nov 11, 3:00 PM	367.9	25.1	10.8	4.1	25587.7	1101.9
Nov 11, 4:00 PM	396.4	24.4	9.9	3.8	23162.7	1087.0
Nov 11, 5:00 PM	382.9	25.1	10.0	3.9	24765.0	1091.8
Nov 11, 6:00 PM	348.8	21.1	9.4	3.8	23024.2	1082.0
Nov 11, 7:00 PM	360.5	21.5	9.1	3.6	22481.5	1076.7
Nov 11, 8:00 PM	346.0	20.2	8.9	3.6	22011.6	1073.1
Nov 11, 9:00 PM	364.1	21.3	8.8	3.7	22085.0	1074.1
Nov 11, 10:00 PM	424.8	24.3	8.6	3.5	21542.8	1069.1
Nov 11, 11:00 PM	337.4	17.9	8.1	3.4	20186.1	1062.6
Nov 12, 12:00 AM	331.6	19.3	8.4	3.4	21931.4	1066.2
Nov 12, 1:00 AM	326.4	18.4	8.1	3.4	21262.5	1062.1
Nov 12, 2:00 AM	333.1	17.1	7.5	3.1	19434.9	1053.0
Nov 12, 3:00 AM	327.8	17.8	7.7	3.2	20475.0	1056.5
Nov 12, 4:00 AM	360.6	20.0	7.7	3.3	20916.6	1057.6
Nov 12, 5:00 AM	322.9	17.7	7.7	3.2	20671.1	1055.0
Nov 12, 6:00 AM	332.6	17.7	7.7	3.2	20079.1	1053.3
Nov 12, 7:00 AM	327.9	16.6	7.4	3.1	19087.9	1050.5
Nov 12, 8:00 AM	316.0	15.9	7.3	3.0	18949.1	1048.3
Nov 12, 9:00 AM	323.9	16.9	7.7	3.1	19687.4	1050.6
Nov 12, 10:00 AM	309.9	16.9	7.9	3.2	20516.0	1050.1
Nov 12, 11:00 AM	310.4	16.7	8.0	3.2	20302.1	1050.7
Nov 12, 12:00 PM	304.8	16.7	8.0	3.2	20606.5	1053.3
Nov 12, 1:00 PM	311.8	17.4	8.1	3.2	21073.6	1054.6
Nov 12, 2:00 PM	304.4	15.2	7.3	3.0	18801.0	1047.7
Nov 12, 3:00 PM	309.4	17.9	8.5	3.3	21909.7	1059.9
Nov 12, 4:00 PM	310.3	18.4	8.6	3.4	22354.1	1064.7

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 12, 5:00 PM	350.8	20.0	8.2	3.3	21515.5	1059.0
Nov 12, 6:00 PM	335.2	18.8	8.1	3.3	21123.8	1056.4
Nov 12, 7:00 PM	352.4	17.9	7.6	3.1	19277.9	1048.2
Nov 12, 8:00 PM	327.8	17.2	7.5	3.1	19764.5	1047.9
Nov 12, 9:00 PM	330.2	15.1	6.9	2.8	17260.7	1038.5
Nov 12, 10:00 PM	344.4	15.5	6.6	2.7	16973.6	1034.6
Nov 12, 11:00 PM	380.2	16.7	6.6	2.7	16539.6	1035.3
Nov 13, 12:00 AM	394.9	15.9	6.1	2.6	15010.6	1025.0
Nov 13, 1:00 AM	457.8	19.9	6.1	2.7	16395.2	1031.3
Nov 13, 2:00 AM	306.9	13.1	6.1	2.7	16149.3	1030.2
Nov 13, 3:00 AM	357.3	15.3	6.1	2.6	16099.8	1028.0
Nov 13, 4:00 AM	392.3	14.8	5.5	2.4	14174.2	1018.5
Nov 13, 5:00 AM	338.2	12.4	5.3	2.3	13790.8	1017.3
Nov 13, 6:00 AM	405.7	15.3	5.3	2.4	14302.5	1019.3
Nov 13, 7:00 AM	318.1	12.8	5.6	2.5	15127.0	1022.2
Nov 13, 8:00 AM	366.5	13.9	5.8	2.5	15516.6	709.1
Nov 13, 9:00 AM	313.7	13.0	5.8	2.6	15682.9	1025.4
Nov 13, 10:00 AM	375.2	15.5	5.9	2.5	14864.0	1029.3
Nov 13, 11:00 AM	343.0	14.7	6.5	2.0	16110.0	1050.4
Nov 13, 12:00 PM	367.1	14.4	6.6	3.6	17482.5	639.7
Nov 13, 1:00 PM	377.8	19.7	7.5	3.3	19675.9	1046.1
Nov 13, 2:00 PM	358.6	17.6	7.5	3.1	18448.4	1044.3
Nov 13, 3:00 PM	368.3	19.9	7.9	3.3	20386.0	1052.6
Nov 13, 4:00 PM	351.9	17.5	7.5	3.2	18741.9	1048.3
Nov 13, 5:00 PM	419.3	19.4	6.9	2.9	17419.6	1041.6
Nov 13, 6:00 PM	364.4	14.0	6.1	2.7	14373.7	1026.4
Nov 13, 7:00 PM	332.3	17.6	8.7	3.4	19778.5	1066.1

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 13, 8:00 PM	366.8	20.1	8.9	3.7	20933.0	1065.3
Nov 13, 9:00 PM	357.6	16.0	7.5	3.1	16906.4	1049.1
Nov 13, 10:00 PM	460.2	23.6	10.2	3.7	19881.7	1079.1
Nov 13, 11:00 PM	333.9	14.3	8.0	3.1	16221.7	1051.0
Nov 14, 12:00 AM	395.9	18.6	8.1	3.2	17688.6	1055.1
Nov 14, 1:00 AM	352.0	16.2	7.8	3.1	17279.5	1049.8
Nov 14, 2:00 AM	384.2	18.0	7.8	3.1	17672.2	1049.7
Nov 14, 3:00 AM	377.9	18.3	8.1	3.2	18223.8	1051.8
Nov 14, 4:00 AM	430.3	20.4	8.0	3.0	17807.0	1049.1
Nov 14, 5:00 AM	434.6	21.2	8.0	3.2	18379.8	1052.5
Nov 14, 6:00 AM	416.1	20.1	8.0	3.2	18231.7	1051.3
Nov 14, 7:00 AM	436.1	21.4	8.0	3.2	18460.1	1052.8
Nov 14, 8:00 AM	335.7	15.4	7.5	3.1	17218.2	1047.4
Nov 14, 9:00 AM	367.6	15.3	6.7	2.9	15629.3	1038.0
Nov 14, 10:00 AM	287.0	11.6	6.6	2.8	15228.6	1034.4
Nov 14, 11:00 AM	368.0	13.6	6.3	2.7	13965.6	1025.5
Nov 14, 12:00 PM	308.3	13.2	6.7	2.9	16195.2	1035.3
Nov 14, 1:00 PM	395.5	17.9	7.0	3.1	17026.9	1038.1
Nov 14, 2:00 PM	374.0	16.5	6.8	2.9	16692.7	1036.5
Nov 14, 3:00 PM	393.7	16.6	6.8	2.9	15789.7	1036.3
Nov 14, 4:00 PM	397.1	18.1	7.3	3.0	17196.7	1040.2
Nov 14, 5:00 PM	398.2	18.5	7.5	3.1	17521.9	1044.5
Nov 14, 6:00 PM	368.1	17.2	7.6	3.1	17589.8	1044.6
Nov 14, 7:00 PM	409.0	18.6	8.6	3.2	17228.5	1053.4
Nov 14, 8:00 PM	371.8	17.8	11.4	3.6	18090.8	1074.6
Nov 14, 9:00 PM	353.1	16.1	12.4	3.7	17147.4	1068.9
Nov 14, 10:00 PM	320.4	13.2	12.0	3.6	15508.7	1062.6

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 14, 11:00 PM	328.6	13.3	12.2	3.4	15255.3	1061.4
Nov 15, 12:00 AM	348.5	13.9	12.1	3.4	15057.4	1053.7
Nov 15, 1:00 AM	328.4	16.7	13.6	4.0	19176.2	1061.4
Nov 15, 2:00 AM	339.6	18.1	13.0	4.1	20089.9	1053.8
Nov 15, 3:00 AM	333.8	18.1	12.8	4.1	20425.7	1051.2
Nov 15, 4:00 AM	339.7	16.0	11.6	3.7	17684.4	1037.8
Nov 15, 5:00 AM	331.8	16.8	11.6	4.0	19100.0	1040.3
Nov 15, 6:00 AM	330.5	17.0	11.7	4.0	19439.0	1040.4
Nov 15, 7:00 AM	332.3	16.2	11.3	4.0	18421.9	1034.5
Nov 15, 8:00 AM	338.2	15.0	10.8	3.8	16763.5	1026.2
Nov 15, 9:00 AM	322.7	15.2	10.6	3.9	17733.7	1024.1
Nov 15, 10:00 AM	341.1	15.3	10.3	3.7	16886.7	1014.9
Nov 15, 11:00 AM	347.3	17.0	10.5	4.0	18433.6	1016.0
Nov 15, 12:00 PM	366.3	17.8	10.6	4.1	18307.1	1005.2
Nov 15, 1:00 PM	373.2	18.1	10.0	4.0	18331.8	997.7
Nov 15, 2:00 PM	358.7	19.0	10.3	4.2	19932.9	998.9
Nov 15, 3:00 PM	344.3	19.6	10.5	4.5	21446.9	1007.6
Nov 15, 4:00 PM	341.9	20.6	10.6	4.4	22699.4	1006.9
Nov 15, 5:00 PM	357.7	23.7	11.0	4.8	25002.9	1014.3
Nov 15, 6:00 PM	357.4	23.1	10.7	4.7	24331.5	1009.4
Nov 15, 7:00 PM	338.2	21.8	10.7	4.7	24318.4	1009.8
Nov 15, 8:00 PM	337.3	19.6	10.1	4.4	21901.3	1003.2
Nov 15, 9:00 PM	340.1	19.7	10.2	4.4	21884.4	1004.4
Nov 15, 10:00 PM	336.4	18.6	9.7	4.2	20895.6	994.9
Nov 15, 11:00 PM	351.5	16.5	8.2	3.8	17746.9	973.1
Nov 16, 12:00 AM	334.8	15.9	7.9	3.8	17897.9	970.5
Nov 16, 1:00 AM	341.2	16.4	7.8	3.7	18085.5	969.0

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 16, 2:00 AM	335.8	17.0	8.0	3.8	19033.7	971.4
Nov 16, 3:00 AM	331.5	17.2	8.1	3.9	19546.6	972.8
Nov 16, 4:00 AM	346.9	16.9	7.8	3.7	18511.5	967.5
Nov 16, 5:00 AM	337.4	18.6	8.4	4.1	20806.0	971.0
Nov 16, 6:00 AM	333.5	18.7	8.5	4.1	21135.2	977.3
Nov 16, 7:00 AM	336.2	17.6	8.0	3.8	19691.5	972.7
Nov 16, 8:00 AM	338.0	16.8	7.9	3.8	18710.7	969.0
Nov 16, 9:00 AM	346.6	17.1	7.9	3.8	18736.0	967.4
Nov 16, 10:00 AM	329.4	18.2	8.4	3.9	20846.8	975.2
Nov 16, 11:00 AM	339.6	19.5	8.7	4.0	21593.3	978.7
Nov 16, 12:00 PM	341.8	20.4	8.9	4.1	22499.3	981.4
Nov 16, 1:00 PM	337.6	20.8	9.1	4.3	23235.5	984.2
Nov 16, 2:00 PM	334.2	19.3	8.6	4.0	21786.8	976.0
Nov 16, 3:00 PM	334.8	21.3	9.0	4.4	24002.3	983.5
Nov 16, 4:00 PM	352.9	20.6	8.7	4.2	21996.9	971.5
Nov 16, 5:00 PM	332.8	19.5	8.9	4.2	22139.9	979.1
Nov 16, 6:00 PM	338.9	18.6	8.4	4.0	20792.1	975.0
Nov 16, 7:00 PM	371.5	20.5	8.5	3.9	20759.5	973.9
Nov 16, 8:00 PM	403.1	21.9	8.1	3.9	20440.5	972.0
Nov 16, 9:00 PM	365.6	19.4	8.0	3.8	19978.8	970.4
Nov 16, 10:00 PM	352.9	17.5	7.7	3.7	18830.4	963.2
Nov 16, 11:00 PM	318.0	17.0	7.9	3.8	20142.2	966.7
Nov 17, 12:00 AM	336.7	17.5	7.8	3.7	19598.6	964.5
Nov 17, 1:00 AM	339.1	17.5	7.6	3.7	19468.4	964.1
Nov 17, 2:00 AM	332.8	17.8	7.7	3.8	20134.2	966.4
Nov 17, 3:00 AM	345.3	18.4	7.7	3.8	20076.7	966.9
Nov 17, 4:00 AM	343.2	17.4	7.4	3.8	19125.0	956.0

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 17, 5:00 AM	336.0	17.7	7.6	3.8	19850.4	961.1
Nov 17, 6:00 AM	356.0	18.7	7.7	3.7	19808.6	964.3
Nov 17, 7:00 AM	337.6	17.5	7.7	3.8	19590.3	962.8
Nov 17, 8:00 AM	338.1	17.7	7.8	3.9	19717.4	967.7
Nov 17, 9:00 AM	340.9	16.7	7.2	3.7	18553.9	962.2
Nov 17, 10:00 AM	336.5	18.3	7.9	3.9	20514.4	970.0
Nov 17, 11:00 AM	348.6	19.3	8.0	4.0	20832.7	971.8
Nov 17, 12:00 PM	326.8	18.5	8.3	4.0	21361.9	973.3
Nov 17, 1:00 PM	352.9	18.6	7.9	3.9	19987.9	967.3
Nov 17, 2:00 PM	346.9	19.7	8.3	4.0	21459.1	973.0
Nov 17, 3:00 PM	348.6	19.9	8.3	4.0	21524.3	965.7
Nov 17, 4:00 PM	362.2	20.0	8.0	4.0	20844.8	967.8
Nov 17, 5:00 PM	359.3	20.7	8.2	4.1	21768.3	972.6
Nov 17, 6:00 PM	372.0	29.4	10.4	4.9	29260.2	999.8
Nov 17, 7:00 PM	347.9	19.6	8.5	4.1	21343.6	970.7
Nov 17, 8:00 PM	355.1	20.0	8.3	4.0	21265.1	971.3
Nov 17, 9:00 PM	349.8	19.7	8.3	4.0	21201.5	970.4
Nov 17, 10:00 PM	350.4	19.8	8.3	4.1	21317.8	970.6
Nov 17, 11:00 PM	340.2	19.3	8.4	4.0	21369.4	970.2
Nov 18, 12:00 AM	343.4	19.1	8.3	4.1	20949.6	965.9
Nov 18, 1:00 AM	341.2	18.8	8.3	4.0	20768.0	967.4
Nov 18, 2:00 AM	337.2	18.5	8.2	4.0	20699.3	970.4
Nov 18, 3:00 AM	346.6	17.4	7.8	3.7	19097.1	962.9
Nov 18, 4:00 AM	337.5	18.0	8.0	3.8	20121.7	968.2
Nov 18, 5:00 AM	341.7	17.0	7.7	3.7	18777.6	963.0
Nov 18, 6:00 AM	342.0	16.4	7.3	3.6	18033.1	957.7
Nov 18, 7:00 AM	352.7	17.6	7.5	3.6	18876.8	959.3

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 18, 8:00 AM	326.1	16.2	7.4	3.6	18761.7	957.0
Nov 18, 9:00 AM	316.4	14.9	7.1	3.4	17718.9	950.8
Nov 18, 10:00 AM	373.6	17.6	7.2	3.4	17802.7	950.8
Nov 18, 11:00 AM	346.1	16.9	7.5	3.5	18578.9	951.3
Nov 18, 12:00 PM	341.5	20.8	8.8	4.0	22990.5	968.4
Nov 18, 1:00 PM	351.0	22.6	9.1	4.2	24266.4	972.7
Nov 18, 2:00 PM	363.6	23.5	9.1	4.4	24380.3	976.9
Nov 18, 3:00 PM	379.5	23.3	8.8	4.2	23231.3	973.4
Nov 18, 4:00 PM	370.9	23.9	9.2	4.4	24279.6	976.6
Nov 18, 5:00 PM	374.8	25.0	9.3	4.4	25098.0	979.0
Nov 18, 6:00 PM	370.1	23.7	9.0	4.3	24186.2	975.2
Nov 18, 7:00 PM	395.8	23.3	8.5	4.0	22121.1	965.7
Nov 18, 8:00 PM	366.0	22.6	8.8	4.1	23307.9	969.5
Nov 18, 9:00 PM	358.2	22.7	8.9	4.2	23852.8	970.2
Nov 18, 10:00 PM	357.0	21.7	8.5	4.1	23007.3	965.8
Nov 18, 11:00 PM	381.7	24.5	8.9	4.2	24207.1	969.3
Nov 19, 12:00 AM	359.2	22.6	8.6	4.2	23717.4	966.8
Nov 19, 1:00 AM	384.5	22.7	8.2	4.0	22314.2	961.2
Nov 19, 2:00 AM	364.2	23.0	8.7	4.2	23765.7	967.2
Nov 19, 3:00 AM	343.4	21.8	8.5	4.2	23901.5	967.5
Nov 19, 4:00 AM	366.1	21.3	7.9	4.0	21930.5	959.8
Nov 19, 5:00 AM	345.4	21.2	8.1	4.2	23169.5	964.4
Nov 19, 6:00 AM	362.3	21.5	8.1	4.1	22435.0	961.2
Nov 19, 7:00 AM	342.4	21.3	8.2	4.2	23495.3	964.5
Nov 19, 8:00 AM	346.3	22.7	8.6	4.5	24700.3	969.1
Nov 19, 9:00 AM	342.4	22.7	8.9	4.5	25055.8	971.7
Nov 19, 10:00 AM	352.0	23.2	8.8	4.5	24957.2	974.2



O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 19, 11:00 AM	350.2	25.1	9.3	4.6	27142.3	981.2
Nov 19, 12:00 PM	362.6	28.3	9.8	4.9	29423.7	987.9
Nov 19, 1:00 PM	345.3	25.9	9.4	4.8	28236.8	983.0
Nov 19, 2:00 PM	348.3	25.5	9.2	4.8	27653.5	981.8
Nov 19, 3:00 PM	342.8	24.5	9.2	4.8	26983.8	980.2
Nov 19, 4:00 PM	358.0	23.6	8.8	4.5	24884.6	970.9
Nov 19, 5:00 PM	331.5	24.6	9.5	4.8	27956.0	980.8
Nov 19, 6:00 PM	344.1	26.3	9.6	4.9	28859.4	980.3
Nov 19, 7:00 PM	350.0	25.7	9.2	4.8	27776.8	973.8
Nov 19, 8:00 PM	360.4	26.9	9.3	4.9	28201.3	976.8
Nov 19, 9:00 PM	370.6	27.7	9.6	4.9	28184.9	977.7
Nov 19, 10:00 PM	382.2	28.2	9.4	4.8	27836.6	973.5
Nov 19, 11:00 PM	345.9	27.1	10.0	5.1	29500.2	983.0
Nov 20, 12:00 AM	364.8	28.5	10.1	5.1	29439.6	985.4
Nov 20, 1:00 AM	373.2	27.6	9.6	4.9	28061.2	981.1
Nov 20, 2:00 AM	365.5	27.4	9.8	4.9	28263.5	985.7
Nov 20, 3:00 AM	368.2	26.8	9.5	4.8	27416.6	982.0
Nov 20, 4:00 AM	368.4	25.3	9.1	4.6	25885.1	977.7
Nov 20, 5:00 AM	343.8	24.3	9.4	4.7	26635.5	981.8
Nov 20, 6:00 AM	347.8	23.1	9.0	4.6	25089.6	976.6
Nov 20, 7:00 AM	355.4	20.6	8.3	4.1	21833.1	962.6
Nov 20, 8:00 AM	343.9	22.1	8.6	4.2	23699.9	534.6
Nov 20, 9:00 AM	354.3	23.8	9.2	4.5	25330.7	972.7
Nov 20, 10:00 AM	369.4	24.5	8.8	4.4	24894.9	969.2
Nov 20, 11:00 AM	383.9	29.0	9.7	4.9	28496.6	979.1
Nov 20, 12:00 PM	371.7	28.3	9.8	4.9	28785.7	980.6
Nov 20, 1:00 PM	371.1	27.3	9.3	4.9	27761.3	976.8

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 20, 2:00 PM	347.4	24.4	9.0	4.7	26542.9	972.9
Nov 20, 3:00 PM	346.9	20.5	8.0	4.2	22258.8	961.3
Nov 20, 4:00 PM	363.1	16.7	6.7	3.8	17441.5	937.7
Nov 20, 5:00 PM	367.9	18.2	6.9	3.8	18686.6	949.8
Nov 20, 6:00 PM	335.9	16.2	6.7	3.7	18145.1	949.1
Nov 20, 7:00 PM	362.9	18.2	6.9	3.8	18881.2	951.0
Nov 20, 8:00 PM	375.5	18.2	6.9	3.7	18304.2	948.9
Nov 20, 9:00 PM	336.4	15.7	6.5	3.6	17628.5	946.1
Nov 20, 10:00 PM	358.1	15.2	6.2	3.3	16134.7	939.5
Nov 20, 11:00 PM	387.8	18.2	6.6	3.5	17658.5	947.0
Nov 21, 12:00 AM	386.0	18.0	6.4	3.5	17532.3	946.4
Nov 21, 1:00 AM	375.7	17.9	6.5	3.6	17971.8	946.7
Nov 21, 2:00 AM	366.0	16.3	6.3	3.5	16811.7	943.0
Nov 21, 3:00 AM	369.3	14.6	5.8	3.2	14901.3	937.1
Nov 21, 4:00 AM	438.3	16.3	5.7	3.0	13825.5	931.0
Nov 21, 5:00 AM	482.6	19.2	6.0	3.2	15009.2	939.4
Nov 21, 6:00 AM	349.1	13.1	5.5	3.1	14206.4	934.5
Nov 21, 7:00 AM	336.1	12.2	5.6	3.0	13685.3	931.3
Nov 21, 8:00 AM	357.2	13.3	5.4	2.9	14046.1	931.3
Nov 21, 9:00 AM	327.9	12.3	5.3	3.0	14178.2	929.6
Nov 21, 10:00 AM	356.4	12.5	5.0	2.9	13350.8	922.7
Nov 21, 11:00 AM	308.7	12.1	5.5	3.0	14714.9	930.4
Nov 21, 12:00 PM	472.1	18.7	5.8	3.1	14896.3	931.6
Nov 21, 1:00 PM	368.7	15.6	6.2	3.2	15978.3	934.6
Nov 21, 2:00 PM	432.6	17.0	5.9	3.1	15022.8	933.8
Nov 21, 3:00 PM	412.7	16.5	5.9	3.2	15084.8	935.8
Nov 21, 4:00 PM	362.1	15.7	6.2	3.2	16391.8	937.3

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 21, 5:00 PM	337.0	14.3	6.1	3.2	16064.2	935.9
Nov 21, 6:00 PM	340.3	13.5	5.9	3.1	14966.3	930.2
Nov 21, 7:00 PM	354.0	14.3	5.8	3.0	15185.5	928.4
Nov 21, 8:00 PM	402.0	16.2	5.9	3.1	15186.0	931.5
Nov 21, 9:00 PM	450.7	17.7	5.6	3.0	14864.9	930.1
Nov 21, 10:00 PM	372.9	13.5	5.4	2.9	13713.6	924.4
Nov 21, 11:00 PM	351.8	14.6	5.7	3.2	15654.6	933.3
Nov 22, 12:00 AM	372.5	16.1	6.0	3.2	16270.5	938.7
Nov 22, 1:00 AM	433.5	18.0	5.9	3.1	15632.9	936.5
Nov 22, 2:00 AM	456.9	19.2	5.9	3.1	15887.5	937.8
Nov 22, 3:00 AM	386.6	17.0	6.3	3.2	16605.7	940.5
Nov 22, 4:00 AM	365.0	16.2	6.2	3.2	16759.4	939.1
Nov 22, 5:00 AM	373.6	18.0	6.8	3.4	18141.3	945.3
Nov 22, 6:00 AM	356.5	16.6	6.6	3.4	17725.3	942.4
Nov 22, 7:00 AM	389.5	19.2	6.6	3.6	18625.2	945.2
Nov 22, 8:00 AM	429.5	20.5	6.5	3.6	18002.1	941.7
Nov 22, 9:00 AM	337.4	16.4	6.7	3.5	18301.6	943.9
Nov 22, 10:00 AM	361.4	24.2	8.4	4.4	25143.2	969.7
Nov 22, 11:00 AM	348.7	20.5	7.9	4.1	22146.5	958.5
Nov 22, 12:00 PM	355.9	21.8	8.2	4.1	23141.6	960.6
Nov 22, 1:00 PM	358.4	21.1	8.1	4.1	22212.9	956.9
Nov 22, 2:00 PM	365.2	19.0	7.6	4.0	19729.8	950.3
Nov 22, 3:00 PM	347.9	19.5	7.9	4.1	21112.8	958.2
Nov 22, 4:00 PM	353.2	18.7	7.6	3.9	19954.4	953.0
Nov 22, 5:00 PM	348.3	18.4	7.4	4.0	19910.9	953.4
Nov 22, 6:00 PM	368.6	18.7	7.1	4.0	19106.3	952.8
Nov 22, 7:00 PM	398.1	21.9	7.5	3.7	20653.1	972.6

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 22, 8:00 PM	415.8	23.6	8.7	3.8	21381.5	1025.0
Nov 22, 9:00 PM	315.3	17.9	8.7	3.8	21411.6	1038.5
Nov 22, 10:00 PM	370.6	20.6	8.2	3.8	20890.7	1040.5
Nov 22, 11:00 PM	318.0	17.5	8.0	3.8	20644.1	1041.2
Nov 23, 12:00 AM	360.7	19.6	7.8	3.7	20464.1	1040.2
Nov 23, 1:00 AM	401.8	22.1	7.4	3.7	20757.8	1039.3
Nov 23, 2:00 AM	463.3	25.1	7.3	3.6	20323.9	1036.3
Nov 23, 3:00 AM	348.1	19.7	7.3	3.7	21369.9	1040.2
Nov 23, 4:00 AM	344.6	21.0	8.2	3.9	22862.5	1049.0
Nov 23, 5:00 AM	393.7	21.7	7.7	3.7	20764.8	1042.1
Nov 23, 6:00 AM	412.4	22.3	7.4	3.7	20408.0	1041.6
Nov 23, 7:00 AM	316.4	16.3	7.3	3.5	19682.3	1035.0
Nov 23, 8:00 AM	353.3	23.7	9.1	4.2	25195.8	1062.0
Nov 23, 9:00 AM	347.0	25.9	10.5	4.9	28423.5	1068.9
Nov 23, 10:00 AM	366.8	20.2	8.7	4.0	20720.5	1048.5
Nov 23, 11:00 AM	352.6	25.5	12.2	5.1	27523.6	1092.8
Nov 23, 12:00 PM	350.0	19.5	10.4	4.3	20945.8	1067.0
Nov 23, 1:00 PM	331.4	16.6	9.1	3.9	19027.8	1052.4
Nov 23, 2:00 PM	397.3	22.2	8.9	4.0	21073.0	1052.7
Nov 23, 3:00 PM	373.7	21.9	8.8	4.0	22035.8	1051.6
Nov 23, 4:00 PM	373.3	21.0	8.2	3.9	21343.4	1048.5
Nov 23, 5:00 PM	384.1	19.7	7.2	3.6	19377.8	1035.6
Nov 23, 6:00 PM	326.1	17.0	7.4	3.6	19706.5	1038.2
Nov 23, 7:00 PM	424.3	20.6	7.1	3.5	18245.3	1034.2
Nov 23, 8:00 PM	405.2	20.3	7.0	3.5	18897.2	1035.3
Nov 23, 9:00 PM	384.1	18.0	6.6	3.4	17590.0	1029.3
Nov 23, 10:00 PM	409.5	21.3	7.0	3.5	19579.4	1032.9

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 23, 11:00 PM	379.4	19.6	6.8	3.5	19432.0	1032.3
Nov 24, 12:00 AM	352.5	18.3	7.1	3.5	19577.9	1035.5
Nov 24, 1:00 AM	353.6	17.0	6.9	3.4	18250.0	1033.7
Nov 24, 2:00 AM	308.8	14.9	6.9	3.5	18147.4	1038.6
Nov 24, 3:00 AM	325.7	15.2	6.8	3.3	17569.0	1034.3
Nov 24, 4:00 AM	358.5	16.1	7.3	3.3	16991.6	1038.3
Nov 24, 5:00 AM	387.5	18.8	9.2	3.6	18225.3	1052.9
Nov 24, 6:00 AM	360.2	24.1	11.6	4.5	25188.7	1069.9
Nov 24, 7:00 AM	405.5	22.7	9.7	4.0	20939.0	1039.6
Nov 24, 8:00 AM	362.6	23.6	10.3	4.5	24577.5	1053.4
Nov 24, 9:00 AM	394.7	23.5	9.9	4.5	22467.7	1048.7
Nov 24, 10:00 AM	381.5	23.5	9.9	4.5	23275.7	1045.8
Nov 24, 11:00 AM	335.6	22.2	9.4	4.6	25017.5	1046.0
Nov 24, 12:00 PM	379.9	22.9	9.2	4.5	23014.7	1045.4
Nov 24, 1:00 PM	362.5	21.6	10.0	4.6	22492.4	1059.3
Nov 24, 2:00 PM	363.2	24.9	12.1	5.3	25865.3	1088.2
Nov 24, 3:00 PM	369.7	27.6	12.5	5.6	28127.5	1091.3
Nov 24, 4:00 PM	340.0	19.3	10.2	4.7	21579.2	1066.4
Nov 24, 5:00 PM	321.5	17.9	9.8	4.4	20953.2	1062.7
Nov 24, 6:00 PM	368.6	19.7	9.3	4.4	20201.7	1058.6
Nov 24, 7:00 PM	355.6	19.1	9.4	4.4	20226.9	1064.3
Nov 24, 8:00 PM	336.9	17.9	9.3	4.2	20032.0	1062.7
Nov 24, 9:00 PM	370.7	18.5	8.3	4.1	18853.5	1055.8
Nov 24, 10:00 PM	391.4	18.5	8.1	4.1	17897.1	1046.7
Nov 24, 11:00 PM	356.3	17.7	8.3	4.1	18856.0	1049.6
Nov 25, 12:00 AM	456.0	22.6	7.9	4.0	18654.9	1050.1
Nov 25, 1:00 AM	418.6	21.4	8.0	4.1	19304.4	1052.3

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 25, 2:00 AM	340.1	18.5	8.3	4.2	20562.3	1054.8
Nov 25, 3:00 AM	351.7	18.7	8.1	4.2	20041.5	1052.8
Nov 25, 4:00 AM	375.5	17.7	7.3	3.7	17815.5	1039.8
Nov 25, 5:00 AM	298.3	14.9	7.6	3.8	18837.4	1042.0
Nov 25, 6:00 AM	412.9	21.7	7.6	3.8	19838.8	1045.6
Nov 25, 7:00 AM	333.7	18.5	8.1	4.1	20868.0	1053.2
Nov 25, 8:00 AM	362.1	19.2	7.7	3.9	19949.9	1046.4
Nov 25, 9:00 AM	321.3	16.4	7.7	3.7	19132.5	1045.0
Nov 25, 10:00 AM	390.5	20.1	7.5	3.9	19394.6	1047.0
Nov 25, 11:00 AM	371.4	18.6	7.4	3.8	18818.9	1041.5
Nov 25, 12:00 PM	399.0	23.8	8.0	4.2	22493.1	1054.9
Nov 25, 1:00 PM	322.0	19.6	8.3	4.3	22927.4	1057.1
Nov 25, 2:00 PM	372.8	22.2	8.3	4.2	22515.0	1055.8
Nov 25, 3:00 PM	377.1	21.6	7.8	4.1	21565.3	1049.2
Nov 25, 4:00 PM	390.2	20.2	7.5	4.0	19429.7	1051.7
Nov 25, 5:00 PM	379.6	21.2	8.1	4.1	21091.0	1055.4
Nov 25, 6:00 PM	300.7	16.9	8.1	4.1	21215.8	1055.9
Nov 25, 7:00 PM	417.7	23.8	8.0	4.2	21507.1	1055.7
Nov 25, 8:00 PM	370.1	20.4	8.1	4.1	20754.9	1056.9
Nov 25, 9:00 PM	411.7	23.0	8.1	4.1	21065.1	1052.9
Nov 25, 10:00 PM	393.9	22.5	8.3	4.2	21584.3	1058.0
Nov 25, 11:00 PM	334.3	19.2	8.1	4.2	21683.8	1056.5
Nov 26, 12:00 AM	383.9	21.7	8.1	4.1	21284.3	1054.6
Nov 26, 1:00 AM	349.6	19.4	7.6	4.0	20925.1	1051.4
Nov 26, 2:00 AM	400.6	21.6	7.4	3.9	20310.4	1049.6
Nov 26, 3:00 AM	342.8	17.7	7.3	3.9	19436.7	1046.8
Nov 26, 4:00 AM	351.7	14.9	6.1	3.4	16010.9	1027.0

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Nov 26, 5:00 AM	316.4	15.5	6.7	3.6	18508.4	1038.3
Nov 26, 6:00 AM	329.9	16.5	6.6	3.8	18879.9	1039.3
Nov 26, 7:00 AM	354.8	17.5	6.4	3.6	18612.7	1035.7
Nov 26, 8:00 AM	363.5	17.6	6.2	3.6	18258.5	1034.5
Nov 26, 9:00 AM	339.4	16.3	6.1	3.6	18107.7	1032.7
Nov 26, 10:00 AM	1188.6	2120.5	5.2	5.1	139492.9	977.7
Nov 26, 11:00 AM	5763.6	14668.4	0.5	11.9	953239.3	634.9
Nov 26, 12:00 PM	5583.0	13305.0	0.6	10.8	903114.0	644.9
Nov 26, 1:00 PM	6446.3	13321.9	1.0	11.4	793064.3	673.3
Nov 26, 2:00 PM	6571.4	11959.5	1.8	9.7	682434.6	712.0
Nov 26, 3:00 PM	4654.3	6058.2	3.3	8.4	477655.3	766.6
Nov 26, 4:00 PM	3394.3	2000.6	3.8	6.8	220948.0	842.4
Nov 26, 5:00 PM	2923.0	1173.6	1.8	5.0	149851.9	873.7
Nov 26, 6:00 PM	381.5	58.4	5.2	3.8	56195.5	965.8
Nov 26, 7:00 PM	333.9	16.3	5.9	2.5	18724.4	1001.2
Nov 26, 8:00 PM	306.8	11.4	5.5	2.2	14079.8	1001.2
Nov 26, 9:00 PM	320.3	10.8	5.7	2.1	12703.5	1008.7
Nov 26, 10:00 PM	295.4	9.5	5.5	2.0	12104.8	1004.2
Nov 26, 11:00 PM	303.7	9.5	5.4	2.0	11826.3	1002.5
Nov 27, 12:00 AM	288.8	8.7	5.4	2.0	11391.3	1007.7
Nov 27, 1:00 AM	313.8	9.3	5.5	2.0	11195.1	1010.5
Nov 27, 2:00 AM	310.1	8.8	5.5	2.0	10680.1	1011.5
Nov 27, 3:00 AM	319.1	8.7	5.4	2.0	10261.2	1010.7
Nov 27, 4:00 AM	357.8	13.4	6.7	2.6	13914.5	1020.1
Nov 27, 5:00 AM	386.6	21.1	7.4	3.2	20588.8	1030.3
Nov 27, 6:00 AM	368.4	21.9	7.0	3.3	22380.2	1020.3
Nov 27, 7:00 AM	355.2	20.5	6.7	3.2	21735.5	1020.6

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 27, 8:00 AM	334.6	18.6	6.3	3.0	20061.8	592.7
Nov 27, 9:00 AM	331.8					
Nov 27, 10:00 AM	341.7					
Nov 27, 11:00 AM	343.4					
Nov 27, 12:00 PM	339.5					
Nov 27, 1:00 PM	316.2	8.1	5.0	2.1	9820.6	921.7
Nov 27, 2:00 PM	361.8	16.2	6.6	2.6	16829.8	1033.5
Nov 27, 3:00 PM	371.6	21.9	7.0	3.0	22141.2	1042.5
Nov 27, 4:00 PM	389.5	21.9	7.0	3.0	21190.8	1045.9
Nov 27, 5:00 PM	397.5	20.5	7.1	2.9	19446.5	1044.7
Nov 27, 6:00 PM	370.0	15.6	6.2	2.5	15575.8	1037.3
Nov 27, 7:00 PM	349.5	10.1	5.5	1.9	10914.9	1027.9
Nov 27, 8:00 PM	324.9	10.7	5.8	2.0	12398.8	1034.3
Nov 27, 9:00 PM	392.2	13.0	6.2	2.1	12505.4	1041.1
Nov 27, 10:00 PM	395.0	13.4	7.2	2.2	12802.8	1059.6
Nov 27, 11:00 PM	403.0	14.3	7.8	2.3	13355.6	1066.9
Nov 28, 12:00 AM	382.3	13.2	8.0	2.3	12977.8	1068.9
Nov 28, 1:00 AM	413.8	14.2	7.9	2.2	12890.2	1059.5
Nov 28, 2:00 AM	399.0	13.1	7.8	2.2	12313.1	1064.5
Nov 28, 3:00 AM	371.3	12.4	7.6	2.1	12580.3	1059.5
Nov 28, 4:00 AM	362.2	11.7	7.2	2.0	12182.8	1053.6
Nov 28, 5:00 AM	389.0	13.1	7.3	2.1	12645.0	1055.9
Nov 28, 6:00 AM	374.9	12.5	7.5	2.1	12555.2	1060.7
Nov 28, 7:00 AM	389.7	12.6	7.7	2.2	12150.7	1066.3
Nov 28, 8:00 AM	368.1	11.3	7.7	2.1	11606.2	1065.3
Nov 28, 9:00 AM	356.9	10.6	7.4	2.1	11245.4	1058.8
Nov 28, 10:00 AM	408.3	11.7	7.3	2.0	10837.0	1057.7



O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 28, 11:00 AM	391.0	10.9	7.4	1.9	10467.4	1056.1
Nov 28, 12:00 PM	392.9	11.0	7.5	1.8	10498.9	1057.4
Nov 28, 1:00 PM	396.7	12.0	7.4	1.9	11315.9	1047.0
Nov 28, 2:00 PM	384.8	12.2	7.3	2.0	12019.2	1048.0
Nov 28, 3:00 PM	366.5	11.0	6.9	1.9	11344.8	1045.9
Nov 28, 4:00 PM	390.3	12.8	7.1	2.0	12121.7	1046.6
Nov 28, 5:00 PM	349.9	9.6	6.7	1.8	10303.8	1043.1
Nov 28, 6:00 PM	401.7	10.5	6.4	1.7	9856.0	1038.2
Nov 28, 7:00 PM	357.5	9.8	6.4	1.7	10346.7	1031.5
Nov 28, 8:00 PM	348.3	9.9	6.6	1.7	10652.1	1033.6
Nov 28, 9:00 PM	415.9	11.1	6.2	1.7	10078.2	1032.0
Nov 28, 10:00 PM	412.0	10.6	6.2	1.6	9667.8	1031.1
Nov 28, 11:00 PM	398.1	10.0	6.0	1.7	9447.9	1029.1
Nov 29, 12:00 AM	404.0	9.7	5.9	1.5	9014.0	1029.1
Nov 29, 1:00 AM	392.8	11.0	5.9	1.7	10529.4	1027.4
Nov 29, 2:00 AM	368.0	10.0	5.8	1.7	10230.2	1027.5
Nov 29, 3:00 AM	323.4	8.7	5.5	1.6	10191.6	1023.3
Nov 29, 4:00 AM	313.5	8.8	5.6	1.7	10545.5	1024.2
Nov 29, 5:00 AM	328.3	8.9	5.4	1.6	10200.9	1022.8
Nov 29, 6:00 AM	385.3	10.1	5.3	1.6	9934.4	1024.3
Nov 29, 7:00 AM	335.5	8.5	5.2	1.6	9534.5	1021.6
Nov 29, 8:00 AM	397.9	9.7	5.1	1.5	9231.3	1018.0
Nov 29, 9:00 AM	392.3	9.4	5.2	1.5	9040.5	1020.7
Nov 29, 10:00 AM	309.2	7.2	5.3	1.5	8765.7	1023.0
Nov 29, 11:00 AM	311.2	7.0	5.4	1.4	8450.1	1025.6
Nov 29, 12:00 PM	348.8	7.4	5.5	1.5	8062.6	1028.0
Nov 29, 1:00 PM	326.3	6.6	5.5	1.4	7579.7	1026.6

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 29, 2:00 PM	356.9	7.6	5.7	1.5	8031.6	1029.9
Nov 29, 3:00 PM	356.5	6.5	5.1	1.3	6897.8	1017.8
Nov 29, 4:00 PM	362.6	9.6	6.0	1.6	9934.8	1021.3
Nov 29, 5:00 PM	357.0	10.1	5.6	1.7	10661.1	1018.9
Nov 29, 6:00 PM	376.5	9.7	5.2	1.6	9744.1	1017.4
Nov 29, 7:00 PM	356.9	9.5	4.9	1.6	10007.0	1011.9
Nov 29, 8:00 PM	341.1	9.3	4.9	1.7	10335.0	1010.2
Nov 29, 9:00 PM	327.5	8.6	5.0	1.8	9851.2	1011.5
Nov 29, 10:00 PM	374.8	9.5	4.8	1.9	9510.3	1010.1
Nov 29, 11:00 PM	347.2	9.3	4.8	1.9	10130.7	1008.5
Nov 30, 12:00 AM	299.3	8.0	4.9	1.9	10016.6	1010.0
Nov 30, 1:00 AM	339.0	8.7	4.8	1.9	9656.0	1009.9
Nov 30, 2:00 AM	354.3	8.8	4.6	1.9	9345.0	1005.9
Nov 30, 3:00 AM	360.3	9.0	4.7	1.9	9370.9	1006.6
Nov 30, 4:00 AM	345.6	9.5	4.8	2.1	10359.7	1010.2
Nov 30, 5:00 AM	438.4	11.9	4.8	2.1	10244.0	1016.0
Nov 30, 6:00 AM	464.6	12.6	5.4	2.1	10248.0	1021.8
Nov 30, 7:00 AM	430.8	11.3	5.5	2.1	9892.8	1027.5
Nov 30, 8:00 AM	374.5	9.3	5.6	2.1	9410.2	1028.1
Nov 30, 9:00 AM	356.8	8.4	5.5	2.0	8832.2	1027.4
Nov 30, 10:00 AM	408.5	9.1	5.7	2.0	8364.5	1027.7
Nov 30, 11:00 AM	364.6	7.6	5.5	1.9	7850.2	1021.7
Nov 30, 12:00 PM	371.4	8.1	5.5	1.8	8226.9	1020.6
Nov 30, 1:00 PM	356.7	8.9	6.3	2.1	9358.2	1036.4
Nov 30, 2:00 PM	357.6	8.6	7.5	2.2	9019.9	1048.9
Nov 30, 3:00 PM	410.7	9.3	6.8	2.1	8563.8	1045.0
Nov 30, 4:00 PM	377.2	9.4	6.4	2.1	9439.0	1036.0

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Nov 30, 5:00 PM	341.8	8.5	6.6	2.1	9383.2	1039.2
Nov 30, 6:00 PM	400.6	9.5	6.4	2.2	8974.6	1040.4
Nov 30, 7:00 PM	395.3	8.8	5.8	1.9	8400.5	1024.0
Nov 30, 8:00 PM	362.0	8.9	6.0	2.1	9241.8	1026.4
Nov 30, 9:00 PM	361.0	8.8	5.5	2.0	9235.6	1020.5
Nov 30, 10:00 PM	330.5	8.0	5.0	1.9	9103.5	1017.9
Nov 30, 11:00 PM	304.6	7.1	4.6	1.9	8807.7	1016.9
Dec 1, 12:00 AM	422.2	9.5	5.0	1.9	8459.8	1020.4
Dec 1, 1:00 AM	365.2	8.1	5.2	1.9	8371.6	1019.9
Dec 1, 2:00 AM	442.6	9.7	5.1	1.9	8281.4	1020.4
Dec 1, 3:00 AM	341.2	7.1	4.8	1.9	7873.1	1021.9
Dec 1, 4:00 AM	344.4	7.4	4.9	1.8	8088.5	1017.8
Dec 1, 5:00 AM	320.1	7.8	4.9	2.0	9157.0	1020.7
Dec 1, 6:00 AM	385.9	9.2	5.2	2.0	8955.5	1023.7
Dec 1, 7:00 AM	425.8	9.6	5.2	2.1	8481.5	1025.2
Dec 1, 8:00 AM	373.8	8.0	5.0	1.8	8060.6	1023.5
Dec 1, 9:00 AM	327.3	6.6	5.1	1.8	7552.7	1022.9
Dec 1, 10:00 AM	337.8	6.5	5.1	1.7	7210.1	1022.2
Dec 1, 11:00 AM	347.6	6.5	5.5	1.7	7082.1	1030.0
Dec 1, 12:00 PM	403.1	8.5	5.5	1.7	7908.1	1028.5
Dec 1, 1:00 PM	396.8	10.0	6.2	2.1	9493.5	1037.8
Dec 1, 2:00 PM	310.2	7.6	6.2	2.0	9245.4	1039.2
Dec 1, 3:00 PM	406.0	9.4	5.8	2.0	8711.2	1037.1
Dec 1, 4:00 PM	346.8	8.2	5.6	2.0	8924.6	1029.0
Dec 1, 5:00 PM	360.3	10.1	5.9	2.2	10574.4	1034.5
Dec 1, 6:00 PM	317.5	8.5	5.9	2.1	10115.5	1031.4
Dec 1, 7:00 PM	379.8	9.7	5.7	2.2	9602.4	1027.8

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 1, 8:00 PM	355.6	8.9	5.5	2.1	9414.6	1024.6
Dec 1, 9:00 PM	362.2	8.7	5.4	1.9	9015.8	1028.4
Dec 1, 10:00 PM	361.8	8.3	5.5	2.0	8608.5	1031.6
Dec 1, 11:00 PM	368.8	8.8	5.5	1.9	8985.1	1026.6
Dec 2, 12:00 AM	378.3	9.6	5.5	2.0	9576.0	1031.6
Dec 2, 1:00 AM	352.1	8.6	5.2	2.0	9168.8	1028.6
Dec 2, 2:00 AM	358.2	8.3	5.3	2.1	8720.9	1029.2
Dec 2, 3:00 AM	332.1	7.3	5.4	1.9	8253.6	1029.2
Dec 2, 4:00 AM	310.8	7.1	5.1	1.9	8651.8	1024.5
Dec 2, 5:00 AM	349.5	8.7	5.2	2.0	9382.1	1027.0
Dec 2, 6:00 AM	359.9	8.5	4.9	2.2	8867.7	1022.7
Dec 2, 7:00 AM	355.9	8.0	5.2	2.1	8482.6	1025.8
Dec 2, 8:00 AM	361.7	7.9	4.7	1.9	8244.8	1017.8
Dec 2, 9:00 AM	385.3	9.7	5.8	2.2	9492.8	1036.2
Dec 2, 10:00 AM	392.9	8.8	6.8	2.2	8620.9	1035.2
Dec 2, 11:00 AM	359.0	6.6	6.7	2.0	6974.4	1045.4
Dec 2, 12:00 PM	361.9	6.8	6.8	1.9	7074.2	1050.7
Dec 2, 1:00 PM	323.5	5.8	6.8	1.9	6714.9	1054.5
Dec 2, 2:00 PM	313.2	5.7	7.2	1.9	6821.0	1056.5
Dec 2, 3:00 PM	326.9	7.3	7.0	1.9	8458.0	1048.7
Dec 2, 4:00 PM	431.2	10.6	7.1	2.1	9288.1	1052.7
Dec 2, 5:00 PM	318.2	7.8	6.7	2.2	9223.4	1051.7
Dec 2, 6:00 PM	340.1	7.9	6.8	2.1	8707.8	1046.0
Dec 2, 7:00 PM	321.7	7.3	6.1	2.0	8490.1	1038.1
Dec 2, 8:00 PM	327.0	7.9	6.2	2.1	9154.6	1043.0
Dec 2, 9:00 PM	384.7	8.9	5.9	2.1	8750.8	1041.4
Dec 2, 10:00 PM	374.5	8.3	5.7	2.0	8303.4	1040.4

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 2, 11:00 PM	369.0	7.7	5.7	1.9	7870.6	1039.1
Dec 3, 12:00 AM	391.8	8.0	5.8	1.9	7700.4	1038.3
Dec 3, 1:00 AM	403.1	9.7	7.0	2.0	9051.7	1046.9
Dec 3, 2:00 AM	331.2	7.9	6.1	2.0	9048.9	1041.0
Dec 3, 3:00 AM	415.6	9.4	5.8	2.1	8567.1	1041.8
Dec 3, 4:00 AM	341.5	7.9	5.6	2.0	8699.6	1036.0
Dec 3, 5:00 AM	348.8	8.8	5.6	2.1	9458.5	1040.8
Dec 3, 6:00 AM	367.0	8.8	5.6	2.0	9037.7	1036.3
Dec 3, 7:00 AM	372.3	8.7	5.3	2.1	8784.5	1036.7
Dec 3, 8:00 AM	426.5	9.4	5.5	1.9	8310.5	1040.8
Dec 3, 9:00 AM	413.9	9.8	5.3	2.1	8933.8	1033.9
Dec 3, 10:00 AM	381.3	10.2	5.7	2.2	10046.9	1042.5
Dec 3, 11:00 AM	346.0	9.4	5.7	2.2	10291.9	1045.8
Dec 3, 12:00 PM	380.6	10.2	6.0	2.5	10121.9	1052.3
Dec 3, 1:00 PM	396.0	10.5	6.0	2.4	9967.8	1048.7
Dec 3, 2:00 PM	351.9	9.4	6.2	2.4	10110.9	1047.7
Dec 3, 3:00 PM	347.1	8.9	5.9	2.4	9670.5	1049.3
Dec 3, 4:00 PM	334.8	8.9	6.0	2.3	9973.2	1045.5
Dec 3, 5:00 PM	353.9	9.6	5.9	2.4	10211.5	1045.4
Dec 3, 6:00 PM	408.0	10.3	5.8	2.4	9557.2	1045.1
Dec 3, 7:00 PM	318.3	7.6	5.3	2.2	8997.0	1041.5
Dec 3, 8:00 PM	378.5	8.7	5.3	2.1	8680.4	1040.3
Dec 3, 9:00 PM	373.4	8.2	5.5	2.1	8298.6	1041.6
Dec 3, 10:00 PM	344.9	7.2	5.4	2.0	7912.6	1043.6
Dec 3, 11:00 PM	351.8	6.9	5.0	2.0	7331.6	1042.3
Dec 4, 12:00 AM	336.6	7.5	5.0	2.1	8490.7	1037.4
Dec 4, 1:00 AM	356.2	8.3	5.3	2.2	8794.3	1042.6

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 4, 2:00 AM	376.6	8.4	5.0	2.2	8386.6	1041.3
Dec 4, 3:00 AM	346.9	7.3	5.0	2.1	7909.6	1034.9
Dec 4, 4:00 AM	329.1	7.3	4.6	1.9	8341.4	1031.3
Dec 4, 5:00 AM	341.6	8.2	4.7	2.1	9025.1	1037.4
Dec 4, 6:00 AM	335.2	8.0	4.7	2.1	9030.8	1037.2
Dec 4, 7:00 AM	315.7	8.0	4.6	2.2	9540.5	1039.5
Dec 4, 8:00 AM	387.8	9.2	4.9	2.2	9281.9	751.2
Dec 4, 9:00 AM	349.0					
Dec 4, 10:00 AM	351.4					
Dec 4, 11:00 AM	383.4	11.3	5.8	3.3	10766.5	703.5
Dec 4, 12:00 PM	365.7	10.6	5.8	2.9	10872.9	1031.2
Dec 4, 1:00 PM	385.2	10.7	6.3	2.9	10454.3	1036.6
Dec 4, 2:00 PM	394.0	14.1	7.7	3.5	13443.3	1052.7
Dec 4, 3:00 PM	340.6	11.6	7.5	3.4	12869.9	1048.8
Dec 4, 4:00 PM	386.9	12.2	6.9	3.3	11881.3	1045.7
Dec 4, 5:00 PM	359.1	10.9	7.1	3.3	11388.4	1049.1
Dec 4, 6:00 PM	395.0	11.5	7.2	3.2	10960.2	1052.8
Dec 4, 7:00 PM	371.0	12.6	8.1	3.6	12808.6	1066.6
Dec 4, 8:00 PM	359.7	12.6	10.1	4.0	13250.5	1080.5
Dec 4, 9:00 PM	343.4	9.2	9.3	3.3	10090.4	1066.0
Dec 4, 10:00 PM	390.0	9.2	7.4	3.0	8820.6	1055.0
Dec 4, 11:00 PM	371.2	9.6	7.6	2.9	9717.5	1057.9
Dec 5, 12:00 AM	392.8	10.2	7.9	2.8	9797.9	1059.8
Dec 5, 1:00 AM	347.0	8.0	7.0	2.6	8711.6	1046.7
Dec 5, 2:00 AM	360.1	9.2	6.3	2.7	9637.1	1041.4
Dec 5, 3:00 AM	380.5	9.5	6.2	2.8	9371.2	1041.7
Dec 5, 4:00 AM	370.7	9.3	5.5	2.6	9477.1	1036.9

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 5, 5:00 AM	363.7	8.9	5.8	2.9	9197.7	1035.4
Dec 5, 6:00 AM	366.4	8.5	5.4	2.7	8770.5	1035.5
Dec 5, 7:00 AM	370.8	8.5	5.0	2.4	8619.1	1028.6
Dec 5, 8:00 AM	383.2	9.6	4.9	2.6	9458.5	1028.5
Dec 5, 9:00 AM	361.3	8.6	5.0	2.5	8977.3	1033.9
Dec 5, 10:00 AM	319.0	7.5	5.0	2.5	8899.9	1031.4
Dec 5, 11:00 AM	380.2	9.6	5.0	2.6	9552.9	1029.0
Dec 5, 12:00 PM	357.1	9.9	5.5	2.8	10422.8	1037.0
Dec 5, 1:00 PM	377.3	10.1	5.6	2.8	10144.4	1039.2
Dec 5, 2:00 PM	385.1	10.3	5.5	2.8	10064.1	1032.0
Dec 5, 3:00 PM	374.7	9.1	5.8	2.7	9107.0	1030.1
Dec 5, 4:00 PM	401.0	11.0	5.4	2.8	10339.3	1028.8
Dec 5, 5:00 PM	303.3	8.3	5.3	2.8	10363.5	1030.2
Dec 5, 6:00 PM	331.0	8.9	5.5	2.7	10119.1	1030.6
Dec 5, 7:00 PM	329.6	8.5	4.9	2.6	9700.7	1030.7
Dec 5, 8:00 PM	330.1	8.1	4.5	2.6	9206.7	1029.1
Dec 5, 9:00 PM	350.8	8.1	4.9	2.6	8716.3	1029.2
Dec 5, 10:00 PM	357.0	7.6	4.4	2.2	8063.9	1026.1
Dec 5, 11:00 PM	359.5	7.0	4.2	2.1	7382.2	1024.5
Dec 6, 12:00 AM	337.4	6.5	4.0	2.0	7225.8	1020.1
Dec 6, 1:00 AM	365.7	9.3	3.9	2.3	9616.0	1013.6
Dec 6, 2:00 AM	361.8	10.1	4.1	2.6	10480.3	1019.5
Dec 6, 3:00 AM	397.8	10.7	3.4	2.6	10200.4	1017.1
Dec 6, 4:00 AM	401.3	10.6	3.8	2.5	9939.2	1017.4
Dec 6, 5:00 AM	317.7	8.1	3.5	2.5	9628.6	1015.7
Dec 6, 6:00 AM	332.8	8.2	3.3	2.6	9274.1	1016.0
Dec 6, 7:00 AM	386.0	9.1	3.6	2.4	8895.0	1019.0

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 6, 8:00 AM	354.1	8.1	3.2	2.6	8658.3	1018.9
Dec 6, 9:00 AM	333.1	7.1	3.8	2.4	8083.9	1022.9
Dec 6, 10:00 AM	348.6	8.7	3.6	2.5	9363.8	1018.1
Dec 6, 11:00 AM	376.2	10.0	4.4	2.8	10042.1	1028.4
Dec 6, 12:00 PM	377.8	9.7	4.2	2.8	9722.1	1028.9
Dec 6, 1:00 PM	355.2	8.8	4.4	2.7	9294.8	1029.4
Dec 6, 2:00 PM	356.0	8.4	4.8	2.6	8888.1	1031.7
Dec 6, 3:00 PM	371.3	8.2	4.9	2.6	8335.0	1031.2
Dec 6, 4:00 PM	361.3	8.5	4.1	2.3	8848.6	1028.4
Dec 6, 5:00 PM	353.6	9.0	4.7	2.4	9628.7	1029.6
Dec 6, 6:00 PM	334.4	8.3	4.3	2.8	9322.8	1024.5
Dec 6, 7:00 PM	372.8	9.6	4.4	2.6	9797.8	1021.9
Dec 6, 8:00 PM	336.1	10.0	4.8	3.0	11161.8	1026.6
Dec 6, 9:00 PM	362.0	10.4	4.2	2.8	10794.0	1024.2
Dec 6, 10:00 PM	388.4	10.8	4.1	2.8	10443.0	1024.8
Dec 6, 11:00 PM	347.2	9.4	4.4	2.7	10157.2	1027.1
Dec 7, 12:00 AM	338.8	9.2	4.4	2.5	10184.7	1026.1
Dec 7, 1:00 AM	364.8	10.7	4.3	3.0	11078.1	1029.6
Dec 7, 2:00 AM	334.5	9.5	4.3	2.9	10746.2	1028.0
Dec 7, 3:00 AM	376.9	11.7	4.7	3.1	11751.7	1028.2
Dec 7, 4:00 AM	362.2	10.7	4.2	3.1	11146.9	1024.2
Dec 7, 5:00 AM	352.1	10.0	4.6	2.7	10689.7	1026.6
Dec 7, 6:00 AM	359.0	9.9	4.3	3.0	10367.4	1025.6
Dec 7, 7:00 AM	324.9	8.6	4.3	2.8	10025.9	1025.8
Dec 7, 8:00 AM	343.3	8.7	4.5	3.0	9564.5	1028.0
Dec 7, 9:00 AM	326.6	8.0	4.3	2.5	9276.4	1024.5
Dec 7, 10:00 AM	363.1	8.5	4.0	2.5	8785.8	1027.3



O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 7, 11:00 AM	360.7	8.0	4.3	2.4	8308.9	1030.6
Dec 7, 12:00 PM	361.1	7.5	3.7	2.4	7784.4	1025.5
Dec 7, 1:00 PM	402.5	8.8	4.3	2.3	8188.1	1024.6
Dec 7, 2:00 PM	328.5	8.6	4.6	2.6	9918.5	1030.2
Dec 7, 3:00 PM	350.8	9.1	4.9	2.9	9772.1	1036.5
Dec 7, 4:00 PM	362.7	9.8	4.8	2.7	10209.1	1034.3
Dec 7, 5:00 PM	368.7	10.4	5.1	3.1	10668.3	1037.9
Dec 7, 6:00 PM	418.1	11.4	5.3	3.1	10331.1	1040.1
Dec 7, 7:00 PM	391.4	10.9	5.5	2.8	10506.7	1042.9
Dec 7, 8:00 PM	389.5	12.3	5.9	3.2	11867.3	1060.6
Dec 7, 9:00 PM	348.0	11.9	7.1	3.5	12906.8	1061.1
Dec 7, 10:00 PM	399.1	12.9	7.3	3.7	12208.7	1069.0
Dec 7, 11:00 PM	367.9	11.8	6.4	3.4	12186.5	1048.4
Dec 8, 12:00 AM	392.7	13.4	7.4	3.7	12894.0	1071.8
Dec 8, 1:00 AM	395.0	13.6	7.0	3.5	12938.9	1061.6
Dec 8, 2:00 AM	373.5	12.3	7.4	3.6	12386.8	1065.3
Dec 8, 3:00 AM	409.0	12.8	6.8	3.3	11772.0	1066.4
Dec 8, 4:00 AM	414.4	12.5	7.0	3.0	11357.1	1059.8
Dec 8, 5:00 AM	390.2	12.7	6.9	3.2	12281.6	1064.3
Dec 8, 6:00 AM	393.6	11.7	6.4	3.0	11227.6	1059.9
Dec 8, 7:00 AM	353.4	9.8	6.2	3.2	10460.7	1058.7
Dec 8, 8:00 AM	327.6	8.6	5.8	3.2	9883.3	1056.6
Dec 8, 9:00 AM	443.7	11.3	6.1	2.8	9634.9	1057.0
Dec 8, 10:00 AM	363.7	9.5	6.5	2.9	9804.4	1049.7
Dec 8, 11:00 AM	374.7	16.5	8.5	4.0	16608.8	1075.1
Dec 8, 12:00 PM	364.0	14.1	8.5	4.0	14563.9	1075.5
Dec 8, 1:00 PM	319.1	11.1	8.2	3.5	13110.9	1069.5

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 8, 2:00 PM	346.0	10.8	7.7	3.4	11850.9	1058.0
Dec 8, 3:00 PM	414.6	15.7	7.7	3.8	14258.5	1069.7
Dec 8, 4:00 PM	399.0	16.5	7.4	3.7	15645.6	1067.7
Dec 8, 5:00 PM	345.3	15.7	8.4	4.0	17182.2	1072.2
Dec 8, 6:00 PM	342.6	15.3	8.4	4.0	16876.6	1072.3
Dec 8, 7:00 PM	394.0	17.1	8.3	4.1	16378.9	1074.3
Dec 8, 8:00 PM	392.5	15.3	8.1	3.8	14633.3	1073.5
Dec 8, 9:00 PM	379.7	15.3	7.7	4.1	15165.6	1074.0
Dec 8, 10:00 PM	371.7	14.1	7.2	3.8	14271.6	1067.5
Dec 8, 11:00 PM	456.9	16.7	7.5	4.0	13804.2	1063.8
Dec 9, 12:00 AM	425.8	15.5	7.2	3.7	13760.6	1065.9
Dec 9, 1:00 AM	351.9	12.7	6.9	3.8	13545.8	1061.5
Dec 9, 2:00 AM	353.1	14.4	7.1	3.9	15366.6	1070.4
Dec 9, 3:00 AM	378.3	14.8	7.9	4.1	14756.3	1070.3
Dec 9, 4:00 AM	407.2	15.2	7.0	3.6	14005.7	1067.1
Dec 9, 5:00 AM	400.1	15.7	8.0	3.7	14754.3	1071.7
Dec 9, 6:00 AM	400.1	16.0	7.6	4.0	15021.7	1072.4
Dec 9, 7:00 AM	401.4	15.6	7.9	3.9	14658.7	1071.4
Dec 9, 8:00 AM	363.2	13.8	7.4	3.6	14348.6	1071.6
Dec 9, 9:00 AM	414.8	16.2	7.5	4.0	14723.7	1072.0
Dec 9, 10:00 AM	346.7	13.8	7.6	4.3	15081.1	1070.4
Dec 9, 11:00 AM	357.3	14.1	8.0	3.9	14992.2	1061.3
Dec 9, 12:00 PM	358.8	14.3	7.6	4.1	15089.7	1065.4
Dec 9, 1:00 PM	372.8	11.8	6.6	3.6	11950.9	1055.1
Dec 9, 2:00 PM	376.1	9.8	5.8	2.9	9882.0	1050.4
Dec 9, 3:00 PM	343.8	9.5	5.9	2.9	10411.9	1054.0
Dec 9, 4:00 PM	368.4	11.2	6.1	3.1	11423.7	1053.8

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 9, 5:00 PM	364.1	11.9	6.9	3.3	12273.2	1065.5
Dec 9, 6:00 PM	353.5	10.8	6.9	3.2	11486.9	1063.6
Dec 9, 7:00 PM	384.9	10.2	6.3	2.9	10006.6	1059.8
Dec 9, 8:00 PM	330.2	8.9	5.7	2.8	10215.7	1048.0
Dec 9, 9:00 PM	392.2	11.4	5.4	3.1	10955.2	1052.7
Dec 9, 10:00 PM	332.8	9.4	6.0	3.1	10624.3	1055.1
Dec 9, 11:00 PM	339.1	9.0	5.6	2.8	9987.1	1052.2
Dec 10, 12:00 AM	366.5	9.2	4.9	2.8	9413.3	1049.5
Dec 10, 1:00 AM	359.1	8.5	4.8	2.7	8865.1	1051.4
Dec 10, 2:00 AM	359.9	9.0	4.8	2.8	9452.0	1044.3
Dec 10, 3:00 AM	366.8	10.4	5.3	3.1	10660.2	1050.6
Dec 10, 4:00 AM	376.8	11.2	5.3	3.1	11192.6	1050.1
Dec 10, 5:00 AM	401.9	11.5	5.1	3.1	10764.7	1050.9
Dec 10, 6:00 AM	410.7	11.3	4.9	3.0	10330.7	1050.5
Dec 10, 7:00 AM	383.1	10.2	5.1	2.8	9987.9	1050.8
Dec 10, 8:00 AM	383.2	9.7	5.0	2.7	9567.8	1049.3
Dec 10, 9:00 AM	392.7	9.4	5.0	2.4	9022.1	1047.6
Dec 10, 10:00 AM	371.9	8.5	5.1	2.4	8657.5	1043.0
Dec 10, 11:00 AM	347.3	10.3	5.5	3.0	11129.2	1044.0
Dec 10, 12:00 PM	344.3	10.2	5.6	2.9	11224.8	1047.6
Dec 10, 1:00 PM	376.6	11.0	5.9	3.0	10931.2	1053.4
Dec 10, 2:00 PM	348.9	9.7	6.5	3.0	10533.1	1057.3
Dec 10, 3:00 PM	390.1	10.8	6.5	2.8	10407.2	1060.4
Dec 10, 4:00 PM	383.8	11.6	6.6	3.1	11166.3	1053.4
Dec 10, 5:00 PM	365.1	11.7	6.1	3.3	12062.6	1059.2
Dec 10, 6:00 PM	381.6	11.6	6.3	3.1	11511.9	1056.0
Dec 10, 7:00 PM	353.2	10.6	5.6	2.9	11336.8	1054.2

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 10, 8:00 PM	353.7	10.3	5.3	3.1	10950.2	1048.7
Dec 10, 9:00 PM	362.7	9.8	5.6	2.6	10177.0	1040.4
Dec 10, 10:00 PM	412.9	10.6	3.8	2.5	9670.5	1028.9
Dec 10, 11:00 PM	316.8	8.7	4.0	2.6	10368.3	1021.1
Dec 11, 12:00 AM	293.2	7.0	2.3	2.4	8974.5	986.3
Dec 11, 1:00 AM	305.8	6.1	2.0	2.1	7539.3	994.1
Dec 11, 2:00 AM	297.4	5.4	2.9	2.2	6897.7	1038.8
Dec 11, 3:00 AM	320.5	5.1	2.7	1.9	6055.4	1022.6
Dec 11, 4:00 AM	325.4	4.4	3.1	1.7	5074.0	1007.0
Dec 11, 5:00 AM	296.9	4.5	1.9	1.8	5672.1	977.6
Dec 11, 6:00 AM	287.2					
Dec 11, 7:00 AM	297.8					
Dec 11, 8:00 AM	285.9					
Dec 11, 9:00 AM	298.2					
Dec 11, 10:00 AM	296.4	4.8	1.3	2.5	6174.0	808.6
Dec 11, 11:00 AM	283.5	4.8	1.6	2.4	6409.5	945.8
Dec 11, 12:00 PM	283.2	4.8	2.1	2.2	6365.3	945.9
Dec 11, 1:00 PM	286.3	4.7	1.4	2.0	6219.4	943.9
Dec 11, 2:00 PM	294.2	4.7	1.7	2.1	6073.3	952.7
Dec 11, 3:00 PM	298.6	4.9	2.1	2.5	6141.2	958.1
Dec 11, 4:00 PM	285.8	4.6	1.6	2.4	6090.6	948.6
Dec 11, 5:00 PM	284.0	4.5	1.4	2.1	5977.1	944.2
Dec 11, 6:00 PM	283.1	4.2	1.5	1.9	5532.1	944.2
Dec 11, 7:00 PM	280.3	4.0	1.4	2.0	5351.7	941.9
Dec 11, 8:00 PM	287.4	4.1	1.5	2.2	5349.6	940.8
Dec 11, 9:00 PM	283.9	4.0	1.4	1.9	5353.8	938.9
Dec 11, 10:00 PM	299.4	4.2	1.1	2.1	5302.2	938.8

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 11, 11:00 PM	299.4	4.2	1.0	2.0	5304.3	935.4
Dec 12, 12:00 AM	291.4	4.1	1.3	1.9	5331.2	933.5
Dec 12, 1:00 AM	304.5	4.3	0.9	1.7	5316.1	930.3
Dec 12, 2:00 AM	287.9	4.0	0.8	1.9	5249.4	929.0
Dec 12, 3:00 AM	287.3	4.1	0.7	1.9	5369.1	928.8
Dec 12, 4:00 AM	286.5	4.1	0.9	2.3	5444.3	927.5
Dec 12, 5:00 AM	296.7	4.3	0.9	2.2	5487.0	926.3
Dec 12, 6:00 AM	332.1	4.9	0.6	2.2	5557.5	926.7
Dec 12, 7:00 AM	298.7	4.4	0.6	2.4	5588.6	926.2
Dec 12, 8:00 AM	288.4	4.4	0.6	2.3	5734.5	925.6
Dec 12, 9:00 AM	292.1	4.5	0.7	2.1	5868.6	925.0
Dec 12, 10:00 AM	330.8	5.2	0.7	2.7	5899.8	925.0
Dec 12, 11:00 AM	299.4	4.7	1.1	2.4	5939.5	924.8
Dec 12, 12:00 PM	286.4	4.5	0.9	2.5	5987.4	925.4
Dec 12, 1:00 PM	299.4	4.9	0.7	2.4	6122.9	923.6
Dec 12, 2:00 PM	288.8	4.6	1.0	2.5	6039.1	922.3
Dec 12, 3:00 PM	294.1	4.7	0.9	2.6	5985.6	921.1
Dec 12, 4:00 PM	283.7	4.5	0.6	2.3	5961.7	921.2
Dec 12, 5:00 PM	295.5	4.7	0.8	2.2	5997.5	921.1
Dec 12, 6:00 PM	300.9	4.7	0.8	2.5	5931.2	920.6
Dec 12, 7:00 PM	299.5	4.8	0.5	2.2	5994.8	921.0
Dec 12, 8:00 PM	290.4	4.7	0.6	2.5	6111.2	920.1
Dec 12, 9:00 PM	282.9	4.6	0.5	2.4	6128.2	919.7
Dec 12, 10:00 PM	283.9	4.7	0.6	2.6	6184.2	919.7
Dec 12, 11:00 PM	284.7	4.7	0.7	2.3	6268.0	919.5
Dec 13, 12:00 AM	287.8	4.8	0.6	2.5	6281.3	919.3
Dec 13, 1:00 AM	293.4	5.0	0.4	2.5	6407.8	918.4

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 13, 2:00 AM	311.9	5.3	0.4	2.7	6391.3	919.7
Dec 13, 3:00 AM	309.8	5.2	0.5	2.7	6292.7	920.1
Dec 13, 4:00 AM	313.1	5.3	0.6	2.6	6353.1	919.3
Dec 13, 5:00 AM	309.3	5.3	0.7	2.5	6445.8	917.5
Dec 13, 6:00 AM	301.1	5.2	0.7	2.7	6552.1	916.6
Dec 13, 7:00 AM	284.6	5.0	0.6	2.7	6617.3	916.8
Dec 13, 8:00 AM	283.4	5.0	0.6	2.4	6714.0	917.9
Dec 13, 9:00 AM	282.6	5.0	0.5	2.5	6695.0	917.7
Dec 13, 10:00 AM	294.1	5.2	0.8	2.8	6644.1	917.8
Dec 13, 11:00 AM	284.4	5.0	0.7	2.8	6571.4	918.3
Dec 13, 12:00 PM	282.9	4.9	0.6	3.2	6480.0	919.5
Dec 13, 1:00 PM	296.8	5.1	0.8	2.5	6456.4	916.9
Dec 13, 2:00 PM	282.7	4.9	0.7	2.9	6483.5	910.0
Dec 13, 3:00 PM	289.5	4.8	0.6	2.7	6251.6	891.3
Dec 13, 4:00 PM	286.8	4.8	0.6	2.7	6262.7	891.1
Dec 13, 5:00 PM	289.6	4.9	0.6	2.5	6356.0	891.5
Dec 13, 6:00 PM	293.9	5.2	0.6	2.5	6612.7	890.5
Dec 13, 7:00 PM	302.9	5.4	0.5	2.5	6714.3	890.2
Dec 13, 8:00 PM	303.6	5.2	0.7	2.3	6480.3	890.7
Dec 13, 9:00 PM	332.7	5.8	0.6	2.5	6536.9	890.2
Dec 13, 10:00 PM	322.9	5.6	0.7	2.8	6597.7	890.2
Dec 13, 11:00 PM	303.9	5.4	0.6	2.9	6710.7	890.1
Dec 14, 12:00 AM	322.1	5.8	0.7	2.7	6769.4	890.1
Dec 14, 1:00 AM	326.0	5.9	0.6	2.8	6781.0	890.2
Dec 14, 2:00 AM	324.0	5.9	0.7	3.0	6811.5	889.9
Dec 14, 3:00 AM	313.4	5.7	0.6	2.5	6861.5	890.0
Dec 14, 4:00 AM	304.6	5.6	0.7	2.8	6889.4	889.6

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 14, 5:00 AM	298.0	5.5	0.6	2.8	6910.3	889.7
Dec 14, 6:00 AM	290.6	5.3	0.6	2.8	6906.6	889.7
Dec 14, 7:00 AM	288.8	5.3	0.7	2.9	6961.9	890.0
Dec 14, 8:00 AM	289.9	5.2	0.6	3.1	6828.5	890.2
Dec 14, 9:00 AM	303.0	5.6	0.8	2.9	6981.0	890.7
Dec 14, 10:00 AM	290.1	5.6	0.7	3.2	7230.4	898.5
Dec 14, 11:00 AM	284.6	5.5	0.6	2.9	7267.9	897.1
Dec 14, 12:00 PM	284.0	5.4	0.6	2.7	7174.6	892.3
Dec 14, 1:00 PM	291.9	5.5	1.0	2.6	7054.6	890.5
Dec 14, 2:00 PM	285.5	5.2	0.6	2.4	6845.4	890.2
Dec 14, 3:00 PM	289.0	5.3	0.7	2.4	6877.0	890.1
Dec 14, 4:00 PM	290.4	5.3	0.6	2.6	6937.7	890.3
Dec 14, 5:00 PM	284.3	5.2	0.5	2.4	6917.7	890.1
Dec 14, 6:00 PM	286.0	5.3	0.8	2.4	6932.3	890.0
Dec 14, 7:00 PM	284.3	5.3	0.5	2.7	6981.6	889.3
Dec 14, 8:00 PM	285.4	5.1	0.7	2.7	6777.1	890.2
Dec 14, 9:00 PM	294.9	5.2	0.7	2.6	6596.4	891.2
Dec 14, 10:00 PM	290.6	4.9	0.7	2.5	6331.8	892.1
Dec 14, 11:00 PM	287.6	4.8	0.6	2.6	6288.2	892.6
Dec 15, 12:00 AM	303.6	5.1	0.7	2.6	6307.9	893.0
Dec 15, 1:00 AM	292.9	4.9	0.8	2.7	6374.4	893.1
Dec 15, 2:00 AM	285.4	4.9	0.5	2.4	6533.4	893.0
Dec 15, 3:00 AM	283.9	4.9	0.4	2.3	6518.7	892.5
Dec 15, 4:00 AM	293.9	5.0	0.4	2.5	6438.5	893.0
Dec 15, 5:00 AM	299.4	4.7	0.6	2.5	5933.0	896.4
Dec 15, 6:00 AM	299.5	4.6	0.8	2.2	5821.7	898.9
Dec 15, 7:00 AM	294.4	4.5	1.1	2.3	5760.2	902.6

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 15, 8:00 AM	314.2	4.9	1.0	2.7	5925.5	906.0
Dec 15, 9:00 AM	287.4	4.6	1.2	2.6	5982.6	906.7
Dec 15, 10:00 AM	292.6	4.7	1.2	2.7	6049.2	901.9
Dec 15, 11:00 AM	292.7	4.9	0.7	2.3	6265.4	902.0
Dec 15, 12:00 PM	290.6	4.7	0.6	2.3	6123.2	911.3
Dec 15, 1:00 PM	294.7	4.7	0.7	2.4	6000.0	916.3
Dec 15, 2:00 PM	298.6	4.5	0.5	2.5	5683.1	933.5
Dec 15, 3:00 PM	313.5	4.5	0.4	2.4	5460.8	948.6
Dec 15, 4:00 PM	306.4	4.4	0.4	2.3	5368.9	952.8
Dec 15, 5:00 PM	308.3	4.3	0.5	2.2	5204.0	954.0
Dec 15, 6:00 PM	306.1	4.2	0.4	2.4	5153.3	954.1
Dec 15, 7:00 PM	301.8	4.1	0.4	2.4	5175.9	954.5
Dec 15, 8:00 PM	306.8	4.2	0.4	2.4	5122.4	956.0
Dec 15, 9:00 PM	316.2	4.2	0.4	2.5	4989.1	958.1
Dec 15, 10:00 PM	309.6	3.9	0.6	2.2	4749.3	960.4
Dec 15, 11:00 PM	305.2	3.6	0.3	2.4	4426.9	962.6
Dec 16, 12:00 AM	307.7	3.4	0.6	2.4	4217.1	964.4
Dec 16, 1:00 AM	309.6	3.5	0.4	2.0	4262.7	966.0
Dec 16, 2:00 AM	310.9	3.6	0.5	2.2	4363.1	961.4
Dec 16, 3:00 AM	308.3	3.9	0.4	2.2	4713.9	960.8
Dec 16, 4:00 AM	310.7	4.3	0.6	2.4	5249.4	961.9
Dec 16, 5:00 AM	306.9	4.8	0.3	2.3	5848.7	961.3
Dec 16, 6:00 AM	304.3	5.2	0.5	2.6	6438.0	960.4
Dec 16, 7:00 AM	306.0	5.7	0.4	2.4	6984.5	960.0
Dec 16, 8:00 AM	308.2	6.1	0.5	2.9	7495.9	959.2
Dec 16, 9:00 AM	308.0	6.5	0.4	2.9	7962.0	958.6
Dec 16, 10:00 AM	307.9	6.8	0.7	3.5	8340.1	957.4



O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 16, 11:00 AM	309.4	7.1	0.4	3.2	8615.8	957.2
Dec 16, 12:00 PM	310.5	7.1	0.5	3.4	8683.7	957.7
Dec 16, 1:00 PM	305.1	7.2	0.7	3.4	8896.8	958.3
Dec 16, 2:00 PM	308.1	7.8	0.6	3.7	9579.7	958.2
Dec 16, 3:00 PM	304.4	8.3	0.8	3.9	10231.6	956.4
Dec 16, 4:00 PM	303.0	8.5	0.6	4.1	10606.0	955.5
Dec 16, 5:00 PM	298.6	8.6	0.8	4.2	10884.3	954.3
Dec 16, 6:00 PM	297.3	8.5	0.9	3.8	10722.7	953.4
Dec 16, 7:00 PM	294.4	6.8	0.8	3.9	8663.5	960.9
Dec 16, 8:00 PM	305.7	5.2	1.4	3.0	6400.4	979.5
Dec 16, 9:00 PM	312.4	3.6	1.6	2.7	4294.5	997.1
Dec 16, 10:00 PM	337.5	3.0	2.0	2.5	3350.1	1010.1
Dec 16, 11:00 PM	329.4	4.1	1.1	2.3	4698.7	1003.9
Dec 17, 12:00 AM	335.8	7.1	1.8	2.5	7954.8	1007.3
Dec 17, 1:00 AM	319.3	7.5	1.6	3.0	8876.7	1002.4
Dec 17, 2:00 AM	343.3	8.5	1.3	3.0	9293.8	1000.1
Dec 17, 3:00 AM	341.9	8.2	1.3	3.4	9094.0	999.8
Dec 17, 4:00 AM	322.8	7.9	1.4	3.8	9303.0	999.8
Dec 17, 5:00 AM	317.4	8.3	1.3	3.4	9873.5	994.9
Dec 17, 6:00 AM	313.9	7.6	1.2	3.5	9156.5	994.4
Dec 17, 7:00 AM	317.4	7.9	1.6	3.8	9442.2	993.5
Dec 17, 8:00 AM	329.7	8.5	1.8	3.4	9681.6	995.3
Dec 17, 9:00 AM	317.7	8.2	1.8	3.6	9752.6	1001.2
Dec 17, 10:00 AM	330.4	8.3	1.4	3.6	9493.0	1007.7
Dec 17, 11:00 AM	295.5	7.3	1.3	3.6	9298.9	1008.6
Dec 17, 12:00 PM	295.4	7.1	1.8	3.2	9071.9	1008.2
Dec 17, 1:00 PM	321.7	7.4	1.2	3.7	8692.0	999.1

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 17, 2:00 PM	314.7	8.6	1.6	3.9	10202.8	1008.0
Dec 17, 3:00 PM	341.3	9.5	1.5	3.6	10461.8	972.0
Dec 17, 4:00 PM	333.3	9.3	2.3	3.7	10584.2	985.4
Dec 17, 5:00 PM	362.8	10.5	1.8	3.8	10925.9	1017.4
Dec 17, 6:00 PM	305.5	8.2	1.9	3.8	10131.2	1019.6
Dec 17, 7:00 PM	363.8	9.0	2.2	3.4	9336.4	1019.8
Dec 17, 8:00 PM	411.1	7.6	1.9	3.4	7016.3	862.8
Dec 17, 9:00 PM	319.3	6.3	2.6	2.6	7379.0	1014.5
Dec 17, 10:00 PM	322.9	6.3	2.0	2.7	7254.0	1011.7
Dec 17, 11:00 PM	390.5	10.0	2.6	3.9	9720.9	1017.6
Dec 18, 12:00 AM	322.7	8.1	2.4	3.6	9434.2	1018.2
Dec 18, 1:00 AM	385.2	9.4	2.7	3.2	9252.2	1015.7
Dec 18, 2:00 AM	340.7	8.2	3.0	3.3	9064.8	1015.5
Dec 18, 3:00 AM	326.9	7.2	2.9	2.9	8300.7	1015.0
Dec 18, 4:00 AM	357.1	9.4	3.8	3.3	9951.8	1008.6
Dec 18, 5:00 AM	300.1	8.1	3.0	3.2	10140.0	1013.5
Dec 18, 6:00 AM	365.1	9.2	3.3	3.2	9490.7	1015.2
Dec 18, 7:00 AM	354.9	8.2	3.4	3.1	8758.6	1012.9
Dec 18, 8:00 AM	343.7	7.1	8.5	9.5	8218.6	546.7
Dec 18, 9:00 AM	376.5	6.6	10.6	12.6	6051.0	544.5
Dec 18, 10:00 AM	357.1	6.6	3.2	3.1	6898.3	1010.7
Dec 18, 11:00 AM	341.7	5.9	2.7	2.1	6458.1	1008.5
Dec 18, 12:00 PM	350.0	5.8	3.3	2.7	6261.6	1004.9
Dec 18, 1:00 PM	317.9	5.3	2.8	2.2	6255.5	1004.3
Dec 18, 2:00 PM	324.9	5.4	2.8	2.5	6264.7	1003.7
Dec 18, 3:00 PM	312.6	5.1	2.3	2.1	6196.0	1003.0
Dec 18, 4:00 PM	375.3	6.1	2.7	2.4	6140.8	1003.3

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 18, 5:00 PM	297.2	4.7	2.4	2.2	5903.4	1001.7
Dec 18, 6:00 PM	337.0	5.2	2.3	2.2	5828.1	999.8
Dec 18, 7:00 PM	322.6	5.2	2.5	2.2	6048.7	993.6
Dec 18, 8:00 PM	346.7	6.6	2.5	2.4	7185.6	992.8
Dec 18, 9:00 PM	332.7	6.6	2.3	2.6	7504.0	996.8
Dec 18, 10:00 PM	335.6	6.5	2.2	2.5	7292.2	1002.0
Dec 18, 11:00 PM	334.9	6.3	2.8	2.4	7043.1	1005.3
Dec 19, 12:00 AM	355.4	6.1	2.7	2.6	6498.2	1010.8
Dec 19, 1:00 AM	330.0	5.3	2.6	2.3	6057.8	1010.5
Dec 19, 2:00 AM	354.4	5.4	2.7	2.3	5704.9	1012.3
Dec 19, 3:00 AM	348.2	5.2	2.6	2.0	5626.6	1011.8
Dec 19, 4:00 AM	374.7	6.9	2.9	2.3	6961.8	1007.4
Dec 19, 5:00 AM	351.3	6.9	2.2	2.5	7451.4	1010.7
Dec 19, 6:00 AM	341.2	6.4	2.4	2.5	7051.5	1008.9
Dec 19, 7:00 AM	353.5	6.0	2.7	2.4	6412.8	1009.5
Dec 19, 8:00 AM	346.6	5.3	2.7	2.5	5820.4	1006.8
Dec 19, 9:00 AM	350.7	5.2	2.5	2.3	5600.9	1007.7
Dec 19, 10:00 AM	350.6	5.3	2.6	2.5	5663.2	1005.7
Dec 19, 11:00 AM	374.8	5.8	2.5	2.2	5812.6	1004.6
Dec 19, 12:00 PM	335.4	5.2	2.2	2.4	5803.8	1005.3
Dec 19, 1:00 PM	375.5	5.7	2.4	2.0	5678.4	1006.7
Dec 19, 2:00 PM	339.1	5.1	2.3	2.2	5620.6	1007.9
Dec 19, 3:00 PM	332.7	5.0	2.4	2.5	5702.1	1011.8
Dec 19, 4:00 PM	352.8	5.9	2.3	1.9	6342.0	1004.5
Dec 19, 5:00 PM	361.5	7.4	3.0	2.8	7775.5	1010.1
Dec 19, 6:00 PM	344.7	7.0	2.5	2.6	7665.8	1012.9
Dec 19, 7:00 PM	336.7	6.5	2.5	2.5	7312.0	1012.8

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 19, 8:00 PM	340.5	6.1	3.1	2.5	6724.4	1012.8
Dec 19, 9:00 PM	315.1	5.4	2.4	2.4	6469.1	1012.6
Dec 19, 10:00 PM	339.1	5.5	2.6	2.4	6136.8	1011.3
Dec 19, 11:00 PM	363.5	5.6	2.0	2.4	5788.5	1011.5
Dec 20, 12:00 AM	370.6	5.6	2.5	2.2	5669.5	1009.0
Dec 20, 1:00 AM	385.7	7.0	2.5	2.3	6770.3	1010.9
Dec 20, 2:00 AM	453.0	9.7	3.4	3.0	8059.8	1028.8
Dec 20, 3:00 AM	406.2	8.5	3.6	3.2	7885.2	1037.5
Dec 20, 4:00 AM	375.6	7.8	3.8	3.4	7845.2	1032.2
Dec 20, 5:00 AM	411.3	9.3	4.2	3.4	8475.9	1038.5
Dec 20, 6:00 AM	365.5	7.7	4.1	3.5	7935.6	1035.9
Dec 20, 7:00 AM	413.4	8.1	4.1	3.3	7350.3	1039.4
Dec 20, 8:00 AM	370.4	6.6	3.7	2.9	6734.4	1030.9
Dec 20, 9:00 AM	400.6	6.6	3.7	2.8	6170.4	1033.1
Dec 20, 10:00 AM	368.9	6.1	3.4	2.5	6223.0	1030.5
Dec 20, 11:00 AM	440.1	9.9	4.5	3.0	8442.3	1030.3
Dec 20, 12:00 PM	398.0	9.2	4.4	3.2	8713.6	1038.2
Dec 20, 1:00 PM	356.6	7.8	4.5	3.3	8225.3	1040.5
Dec 20, 2:00 PM	413.5	8.6	4.6	3.3	7825.3	1043.8
Dec 20, 3:00 PM	388.2	7.5	4.6	3.1	7256.0	1044.9
Dec 20, 4:00 PM	386.6	7.1	4.3	3.4	6895.8	1049.2
Dec 20, 5:00 PM	384.6	6.6	6.8	3.5	6467.1	1059.2
Dec 20, 6:00 PM	417.0	6.9	6.5	4.3	6229.0	1061.3
Dec 20, 7:00 PM	359.8	10.3	7.2	4.4	10877.4	1055.8
Dec 20, 8:00 PM	362.7	11.3	7.1	4.9	11806.0	1055.7
Dec 20, 9:00 PM	375.6	9.7	5.9	5.3	9774.5	1058.1
Dec 20, 10:00 PM	363.1	7.4	5.7	4.0	7659.0	1060.3

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 20, 11:00 PM	369.9	7.6	5.2	4.1	7819.3	1054.6
Dec 21, 12:00 AM	362.2	9.8	5.9	4.9	10150.5	1069.9
Dec 21, 1:00 AM	367.8	8.5	5.8	4.5	8726.1	1064.1
Dec 21, 2:00 AM	374.5	8.1	5.1	4.4	8123.8	1057.0
Dec 21, 3:00 AM	412.0	7.7	4.7	4.0	7067.3	1050.0
Dec 21, 4:00 AM	379.9	7.8	4.2	3.6	7684.7	1046.2
Dec 21, 5:00 AM	339.5	7.4	4.8	4.1	8248.4	1051.4
Dec 21, 6:00 AM	488.2	10.2	4.6	3.9	7913.6	1045.9
Dec 21, 7:00 AM	420.5	8.3	4.0	3.2	7486.0	1042.2
Dec 21, 8:00 AM	380.9	8.9	3.6	3.5	8821.3	1042.8
Dec 21, 9:00 AM	351.2	7.8	4.0	3.5	8354.6	1034.8
Dec 21, 10:00 AM	387.1	8.1	3.6	3.6	7907.5	1030.0
Dec 21, 11:00 AM	323.3	6.4	2.9	3.7	7461.2	1030.5
Dec 21, 12:00 PM	319.4	6.0	3.5	3.5	7113.6	1030.0
Dec 21, 1:00 PM	337.8	5.9	2.7	2.7	6532.0	1021.6
Dec 21, 2:00 PM	329.1	5.3	2.3	3.0	6070.3	1025.3
Dec 21, 3:00 PM	326.1	4.9	2.3	2.9	5674.2	1023.8
Dec 21, 4:00 PM	346.8	6.0	2.6	2.7	6469.8	1022.2
Dec 21, 5:00 PM	355.7	7.7	2.8	3.1	8196.7	1031.6
Dec 21, 6:00 PM	343.2	7.2	3.2	3.2	7966.0	1030.2
Dec 21, 7:00 PM	396.3	8.0	3.1	3.2	7599.5	1029.9
Dec 21, 8:00 PM	388.9	7.5	3.1	3.1	7237.0	1027.2
Dec 21, 9:00 PM	382.1	7.1	2.4	3.3	7000.4	1023.8
Dec 21, 10:00 PM	432.7	8.2	2.8	3.3	7129.8	1026.3
Dec 21, 11:00 PM	412.6	9.7	2.8	3.6	8884.0	1029.0
Dec 22, 12:00 AM	382.3	8.8	3.6	3.4	8677.9	1029.6
Dec 22, 1:00 AM	357.9	7.8	2.7	3.5	8212.3	1028.1

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 22, 2:00 AM	317.4	6.6	2.8	3.5	7818.7	1026.3
Dec 22, 3:00 AM	364.5	7.2	2.9	3.2	7447.9	1024.8
Dec 22, 4:00 AM	384.3	7.7	2.2	3.6	7635.3	1023.3
Dec 22, 5:00 AM	363.5	8.4	2.7	4.0	8751.0	1025.8
Dec 22, 6:00 AM	322.0	7.2	3.1	3.2	8471.2	1025.3
Dec 22, 7:00 AM	358.9	7.9	2.7	3.5	8275.1	1024.5
Dec 22, 8:00 AM	391.1	7.9	2.4	3.1	7630.0	1025.1
Dec 22, 9:00 AM	402.6	8.1	2.7	3.2	7541.5	1024.4
Dec 22, 10:00 AM	425.8	8.3	2.8	3.2	7357.0	1028.8
Dec 22, 11:00 AM	358.8	6.9	2.6	3.1	7266.9	1024.2
Dec 22, 12:00 PM	370.8	8.9	3.3	3.7	9036.4	1033.7
Dec 22, 1:00 PM	375.4	8.9	3.5	3.2	8895.6	1029.4
Dec 22, 2:00 PM	379.9	8.8	4.1	3.7	8764.5	1037.6
Dec 22, 3:00 PM	385.3	8.0	2.7	3.5	7874.0	1032.0
Dec 22, 4:00 PM	371.5	8.5	3.2	3.0	8586.5	1024.7
Dec 22, 5:00 PM	297.7	7.3	2.7	3.3	9285.1	1027.4
Dec 22, 6:00 PM	364.0	8.6	3.0	3.5	8882.5	1026.0
Dec 22, 7:00 PM	352.2	7.9	2.4	3.3	8461.0	1027.4
Dec 22, 8:00 PM	331.3	7.0	2.4	3.6	7932.3	1032.2
Dec 22, 9:00 PM	355.4	7.2	2.7	3.4	7604.6	1027.8
Dec 22, 10:00 PM	370.3	7.2	2.1	3.3	7305.9	1025.3
Dec 22, 11:00 PM	429.2	9.3	2.5	3.4	8069.5	1020.3
Dec 23, 12:00 AM	357.9	8.3	2.9	3.6	8771.7	1028.1
Dec 23, 1:00 AM	342.4	7.7	3.0	3.1	8469.0	1028.1
Dec 23, 2:00 AM	335.4	7.2	2.6	3.1	8137.2	1026.7
Dec 23, 3:00 AM	379.2	7.8	2.6	3.1	7699.0	1026.7
Dec 23, 4:00 AM	336.6	7.4	2.6	3.1	8227.5	1023.6

## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 23, 5:00 AM	319.9	7.8	3.0	3.4	9185.6	1026.8
Dec 23, 6:00 AM	358.8	8.5	2.9	3.5	8890.2	1022.3
Dec 23, 7:00 AM	322.7	7.3	2.9	3.4	8568.9	1024.9
Dec 23, 8:00 AM	363.4	8.3	3.0	3.2	8628.8	1034.9
Dec 23, 9:00 AM	357.6	8.1	3.0	3.4	8487.1	1037.8
Dec 23, 10:00 AM	338.4	7.3	3.3	3.1	8178.7	1040.1
Dec 23, 11:00 AM	406.4	8.4	3.4	3.8	7818.8	1044.2
Dec 23, 12:00 PM	317.4	7.8	3.7	3.4	9429.5	1041.4
Dec 23, 1:00 PM	349.9	8.5	3.7	3.8	9197.5	1046.8
Dec 23, 2:00 PM	343.7	7.7	4.0	3.1	8388.5	1040.1
Dec 23, 3:00 PM	388.6	8.0	3.9	3.4	7751.5	1044.0
Dec 23, 4:00 PM	408.4	8.7	3.3	3.2	8004.3	1034.6
Dec 23, 5:00 PM	383.0	8.6	3.1	3.5	8428.2	1035.9
Dec 23, 6:00 PM	306.7	6.5	2.7	3.1	8089.4	1034.8
Dec 23, 7:00 PM	345.0	7.7	2.6	2.9	8381.8	1030.3
Dec 23, 8:00 PM	366.6	8.7	2.8	3.5	8943.3	1032.6
Dec 23, 9:00 PM	361.6	8.1	2.9	3.2	8463.3	1029.7
Dec 23, 10:00 PM	367.8	7.9	3.0	3.3	8159.4	1027.5
Dec 23, 11:00 PM	335.5	6.9	3.4	3.3	7789.6	1029.5
Dec 24, 12:00 AM	368.0	7.3	2.7	3.0	7460.5	1030.7
Dec 24, 1:00 AM	394.5	7.4	3.1	3.1	7070.6	1031.9
Dec 24, 2:00 AM	356.2	6.1	2.6	2.6	6478.1	1028.3
Dec 24, 3:00 AM	370.2	8.6	3.3	3.2	8702.3	1034.9
Dec 24, 4:00 AM	298.3	7.2	3.6	3.0	9036.9	1037.4
Dec 24, 5:00 AM	321.1	7.4	3.1	3.1	8705.5	1041.1
Dec 24, 6:00 AM	319.2	7.0	3.2	3.1	8232.9	1039.7
Dec 24, 7:00 AM	348.2	8.0	3.0	3.0	8572.6	1041.1

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 24, 8:00 AM	380.0	9.6	3.5	3.4	9532.8	1033.8
Dec 24, 9:00 AM	353.4	8.6	3.2	3.1	9205.4	1027.2
Dec 24, 10:00 AM	425.4	9.2	2.7	3.1	8179.4	1027.9
Dec 24, 11:00 AM	331.9	8.2	2.9	3.3	8982.7	1037.2
Dec 24, 12:00 PM	375.0	11.7	5.1	3.9	11888.0	1057.2
Dec 24, 1:00 PM	333.1	8.4	3.8	3.3	9506.6	1036.5
Dec 24, 2:00 PM	272.5	6.3	3.7	3.1	8720.3	1033.5
Dec 24, 3:00 PM	317.1	6.8	3.4	3.0	8130.8	1031.9
Dec 24, 4:00 PM	382.1	8.0	3.2	2.9	7992.6	1028.2
Dec 24, 5:00 PM	351.6	8.4	3.4	3.1	9026.7	1029.9
Dec 24, 6:00 PM	346.5	8.0	3.4	2.9	8716.1	1026.6
Dec 24, 7:00 PM	325.2	7.3	3.5	3.2	8434.7	1027.6
Dec 24, 8:00 PM	353.2	7.4	3.2	3.0	7878.6	1030.2
Dec 24, 9:00 PM	324.0	6.3	2.9	2.8	7344.6	1029.0
Dec 24, 10:00 PM	334.4	6.9	2.9	2.7	7839.2	1026.6
Dec 24, 11:00 PM	313.5	7.2	3.1	3.1	8714.9	1032.5
Dec 25, 12:00 AM	397.8	8.9	3.3	2.9	8379.7	1029.5
Dec 25, 1:00 AM	313.0	6.4	3.0	3.1	7771.9	1028.7
Dec 25, 2:00 AM	332.3	6.4	3.1	2.6	7228.4	1028.6
Dec 25, 3:00 AM	368.2	6.7	2.5	2.9	6821.5	1027.4
Dec 25, 4:00 AM	343.1	6.5	2.6	2.6	7196.6	1022.3
Dec 25, 5:00 AM	330.7	7.5	3.3	3.0	8547.2	1028.1
Dec 25, 6:00 AM	310.5	6.8	2.7	2.9	8246.0	1020.9
Dec 25, 7:00 AM	353.2	7.3	3.0	2.8	7803.0	1024.3
Dec 25, 8:00 AM	338.6	7.0	2.4	2.8	7458.5	543.4
Dec 25, 9:00 AM	327.9	5.8	6.0	6.7	6622.9	970.9
Dec 25, 10:00 AM	334.4	6.5	2.9	3.0	7297.2	1020.5



## O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 25, 11:00 AM	305.8	7.1	2.8	3.1	8780.1	1025.9
Dec 25, 12:00 PM	381.1	8.5	2.5	3.1	8384.0	1025.4
Dec 25, 1:00 PM	355.1	11.9	3.1	3.6	12244.3	1016.9
Dec 25, 2:00 PM	302.8	6.6	3.2	3.9	8105.4	1032.2
Dec 25, 3:00 PM	344.5	6.6	3.3	3.1	7271.1	1028.6
Dec 25, 4:00 PM	352.2	7.8	3.7	3.2	8249.1	1021.3
Dec 25, 5:00 PM	324.5	8.5	3.5	3.1	9876.3	1027.5
Dec 25, 6:00 PM	329.9	8.3	3.4	2.9	9469.3	1027.3
Dec 25, 7:00 PM	302.4	7.1	3.2	3.2	8844.8	1025.8
Dec 25, 8:00 PM	303.1	6.7	3.2	3.3	8341.8	1027.9
Dec 25, 9:00 PM	302.1	6.4	2.8	2.9	8001.7	1027.3
Dec 25, 10:00 PM	325.1	6.6	3.1	3.1	7615.0	1028.0
Dec 25, 11:00 PM	324.3	6.2	2.2	3.0	7251.4	1026.8
Dec 26, 12:00 AM	327.8	5.8	3.0	2.4	6620.5	1023.8
Dec 26, 1:00 AM	290.0	4.9	2.7	2.4	6470.1	1019.3
Dec 26, 2:00 AM	405.9	8.1	3.2	2.6	7520.0	1025.1
Dec 26, 3:00 AM	298.0	5.8	2.6	2.9	7370.5	1026.8
Dec 26, 4:00 AM	367.4	7.2	2.9	2.7	7363.1	1023.6
Dec 26, 5:00 AM	279.2	6.3	3.1	2.8	8549.5	1029.1
Dec 26, 6:00 AM	334.0	7.4	3.0	3.2	8354.1	1031.2
Dec 26, 7:00 AM	344.9	7.3	2.5	2.8	7922.7	1024.8
Dec 26, 8:00 AM	343.6	8.4	3.0	3.2	9273.8	1028.2
Dec 26, 9:00 AM	336.4	8.0	3.1	3.0	9003.5	1029.6
Dec 26, 10:00 AM	294.2	6.8	3.8	3.1	8691.4	1030.7
Dec 26, 11:00 AM	339.5	7.9	3.2	3.3	8930.3	1029.6
Dec 26, 12:00 PM	413.8	10.7	2.9	3.5	9791.6	1033.9
Dec 26, 1:00 PM	406.3	10.2	3.5	3.4	9426.7	1035.9

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 26, 2:00 PM	372.7	9.0	3.7	3.3	9086.8	1036.6
Dec 26, 3:00 PM	375.2	8.5	3.5	3.0	8508.8	1034.5
Dec 26, 4:00 PM	341.9	7.8	3.1	3.4	8621.3	1028.4
Dec 26, 5:00 PM	345.7	8.9	3.7	3.2	9760.8	1034.5
Dec 26, 6:00 PM	303.9	7.5	3.3	3.6	9268.9	1033.7
Dec 26, 7:00 PM	312.5	7.3	3.0	3.4	8814.8	1033.3
Dec 26, 8:00 PM	332.3	7.3	3.2	3.0	8298.3	1032.3
Dec 26, 9:00 PM	288.7	5.7	3.7	3.0	7476.4	990.5
Dec 26, 10:00 PM	363.8	5.1	2.8	2.7	5299.0	761.7
Dec 26, 11:00 PM	318.7	4.1	2.3	2.6	4878.8	598.1
Dec 27, 12:00 AM	365.3	8.4	4.2	2.8	8640.7	1031.7
Dec 27, 1:00 AM	354.2	7.7	3.8	3.3	8168.6	1035.9
Dec 27, 2:00 AM	348.7	7.2	3.8	3.3	7760.4	1029.3
Dec 27, 3:00 AM	329.0	6.3	3.2	2.8	7253.0	1029.0
Dec 27, 4:00 AM	355.5	6.6	2.8	3.1	6950.1	1023.2
Dec 27, 5:00 AM	349.0	7.7	3.6	3.0	8593.0	960.6
Dec 27, 6:00 AM	349.6	7.4	3.0	3.4	7809.3	867.4
Dec 27, 7:00 AM	347.1					
Dec 27, 8:00 AM	317.5					
Dec 27, 9:00 AM	348.1					
Dec 27, 10:00 AM	321.9					
Dec 27, 11:00 AM	362.0	9.6	4.6	3.8	10003.4	1029.4
Dec 27, 12:00 PM	368.4	9.7	4.3	4.1	9903.7	1032.4
Dec 27, 1:00 PM	341.3	6.6	4.0	3.5	7219.4	806.2
Dec 27, 2:00 PM	400.5	5.7	3.7	3.5	5449.9	647.1
Dec 27, 3:00 PM	320.1	2.9	3.0	2.6	3571.1	457.9
Dec 27, 4:00 PM	305.0	2.8	2.2	3.0	3365.6	429.2

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 27, 5:00 PM	345.6	2.1	1.5	2.6	2055.3	214.9
Dec 27, 6:00 PM	405.1	8.3	5.4	3.9	7762.9	745.6
Dec 27, 7:00 PM	383.2	9.5	6.0	4.1	9270.6	918.3
Dec 27, 8:00 PM	359.4	4.8	3.5	3.8	5151.3	557.2
Dec 27, 9:00 PM	332.3	0.8	1.3	2.6	889.1	121.1
Dec 27, 10:00 PM	423.0					
Dec 27, 11:00 PM	357.7					
Dec 28, 12:00 AM	375.3					
Dec 28, 1:00 AM	339.7					
Dec 28, 2:00 AM	372.0					
Dec 28, 3:00 AM	372.6					
Dec 28, 4:00 AM	337.2					
Dec 28, 5:00 AM	352.6					
Dec 28, 6:00 AM	372.2					
Dec 28, 7:00 AM	391.7					
Dec 28, 8:00 AM	309.0					
Dec 28, 9:00 AM	391.4					
Dec 28, 10:00 AM	342.4					
Dec 28, 11:00 AM	398.5					
Dec 28, 12:00 PM	367.4					
Dec 28, 1:00 PM	346.3					
Dec 28, 2:00 PM	402.5					
Dec 28, 3:00 PM	409.4					
Dec 28, 4:00 PM	325.6					
Dec 28, 5:00 PM	363.3					
Dec 28, 6:00 PM	368.9					
Dec 28, 7:00 PM	362.0					

O.Reg 88/22 s34: Plant 4 Flare

Date	Standard Volumetric Flow (sm3/hr)	SO2 Out (kg/hr)	COS(ppm)	CS2 (ppm)	H2S (ppm)	Net Heating Value (BTU/SCF)
Dec 28, 8:00 PM	442.5					
Dec 28, 9:00 PM	356.8					
Dec 28, 10:00 PM	359.3					
Dec 28, 11:00 PM	376.8					
Dec 29, 12:00 AM	332.0					
Dec 29, 1:00 AM	353.3					
Dec 29, 2:00 AM	381.3					
Dec 29, 3:00 AM	319.3					
Dec 29, 4:00 AM	370.3					
Dec 29, 5:00 AM	385.4					
Dec 29, 6:00 AM	392.9					
Dec 29, 7:00 AM	360.5					
Dec 29, 8:00 AM	396.0					
Dec 29, 9:00 AM	406.4					
Dec 29, 10:00 AM	331.1					
Dec 29, 11:00 AM	345.3					
Dec 29, 12:00 PM	352.1					
Dec 29, 1:00 PM	380.2					
Dec 29, 2:00 PM	372.2					
Dec 29, 3:00 PM	369.4					
Dec 29, 4:00 PM	351.3					
Dec 29, 5:00 PM	400.1	11.9	23.0	10.6	11202.9	1034.9
Dec 29, 6:00 PM	364.3	10.7	21.3	11.2	11065.0	1038.4
Dec 29, 7:00 PM	394.6	10.8	19.6	11.3	10243.1	1031.7
Dec 29, 8:00 PM	366.7	11.4	19.8	12.5	11679.5	1036.2
Dec 29, 9:00 PM	376.1	11.6	19.6	13.0	11571.6	1040.8
Dec 29, 10:00 PM	397.0	12.8	19.5	13.3	12146.9	1049.4

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Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 29, 11:00 PM	369.1	12.2	19.7	14.2	12483.0	1060.2
Dec 30, 12:00 AM	371.7	11.3	18.6	13.7	11512.2	1053.9
Dec 30, 1:00 AM	355.3	11.9	17.9	13.7	12584.4	1045.6
Dec 30, 2:00 AM	353.1	10.7	16.5	12.8	11446.9	1039.1
Dec 30, 3:00 AM	404.7	10.7	14.5	11.7	9956.1	1032.9
Dec 30, 4:00 AM	400.0	11.4	13.9	11.4	10689.1	1028.6
Dec 30, 5:00 AM	445.5	12.3	13.0	11.0	10400.9	1028.7
Dec 30, 6:00 AM	385.8	10.4	13.0	10.8	10068.9	1031.3
Dec 30, 7:00 AM	412.6	10.5	12.6	10.4	9628.8	1033.6
Dec 30, 8:00 AM	385.3	9.4	12.3	10.0	9136.9	1033.1
Dec 30, 9:00 AM	375.0	9.7	11.3	9.6	9739.7	1008.9
Dec 30, 10:00 AM	387.7	10.6	11.6	9.6	10358.5	995.2
Dec 30, 11:00 AM	355.7	9.7	12.0	9.6	10231.0	1031.0
Dec 30, 12:00 PM	354.7	10.0	11.4	9.4	10549.2	1032.0
Dec 30, 1:00 PM	326.5	10.1	12.2	9.8	11612.5	1039.3
Dec 30, 2:00 PM	373.8	11.3	12.4	9.5	11335.0	1044.2
Dec 30, 3:00 PM	313.6	9.1	12.4	9.4	10982.3	1047.5
Dec 30, 4:00 PM	367.7	11.0	12.6	9.5	11235.5	1053.9
Dec 30, 5:00 PM	369.7	11.3	12.6	9.1	11486.9	1057.1
Dec 30, 6:00 PM	383.3	10.8	12.6	9.1	10645.6	1050.4
Dec 30, 7:00 PM	337.8	13.6	14.4	10.1	15190.4	1073.0
Dec 30, 8:00 PM	361.3	11.4	12.6	9.0	11843.3	1054.2
Dec 30, 9:00 PM	396.6	11.5	12.0	8.3	10916.5	1046.5
Dec 30, 10:00 PM	357.1	9.6	11.0	7.8	10130.2	1043.2
Dec 30, 11:00 PM	406.3	9.8	10.1	7.8	9118.3	1041.0
Dec 31, 12:00 AM	338.6	8.3	9.8	7.3	9279.5	1031.1
Dec 31, 1:00 AM	347.7	9.5	9.7	7.4	10307.7	1034.7

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Date	Standard Volumetric Flow (sm <sup>3</sup> /hr)	SO <sub>2</sub> Out (kg/hr)	COS(ppm)	CS <sub>2</sub> (ppm)	H <sub>2</sub> S (ppm)	Net Heating Value (BTU/SCF)
Dec 31, 2:00 AM	422.9	10.9	9.6	7.1	9734.3	1031.3
Dec 31, 3:00 AM	382.7	9.4	9.3	6.9	9203.5	1026.7
Dec 31, 4:00 AM	389.1	10.1	10.1	6.9	9711.3	1026.4
Dec 31, 5:00 AM	393.3	11.1	9.9	7.2	10620.9	1032.2
Dec 31, 6:00 AM	319.4	8.8	10.2	7.4	10386.0	1029.0
Dec 31, 7:00 AM	369.7	10.6	10.6	7.2	10894.9	1027.8
Dec 31, 8:00 AM	314.5	9.0	10.4	7.1	10717.7	1023.7
Dec 31, 9:00 AM	273.4	7.4	10.8	7.1	10230.3	1022.9
Dec 31, 10:00 AM	382.8	10.0	10.7	7.0	9802.7	1020.1
Dec 31, 11:00 AM	428.1	11.0	10.6	6.7	9656.0	1021.1
Dec 31, 12:00 PM	387.9	11.0	10.8	6.9	10678.5	1028.4
Dec 31, 1:00 PM	400.5	11.1	10.9	6.9	10392.4	1025.8
Dec 31, 2:00 PM	381.6	10.1	10.4	6.6	10001.7	1026.3
Dec 31, 3:00 PM	358.5	10.6	10.9	6.6	11120.7	1031.7
Dec 31, 4:00 PM	379.9	11.3	10.7	6.8	11273.7	1026.9
Dec 31, 5:00 PM	378.4	11.7	11.0	6.8	11615.7	1029.6
Dec 31, 6:00 PM	380.8	11.2	10.4	6.6	11011.6	1020.8
Dec 31, 7:00 PM	377.3	10.5	10.4	6.6	10465.7	1030.0
Dec 31, 8:00 PM	369.2	10.0	10.3	6.5	10221.0	1030.1
Dec 31, 9:00 PM	432.9	10.9	9.9	6.2	9524.7	1030.2
Dec 31, 10:00 PM	393.1	9.6	9.6	5.8	9224.6	1032.4
Dec 31, 11:00 PM	342.9	10.1	10.0	6.3	11061.6	1033.6