



New-Indy Catawba LLC
P.O. Box 7
5300 Cureton Ferry Road
Catawba, SC 29704

Kevin Taylor
Environmental Engineer
Air Enforcement Branch
Enforcement and Compliance Assurance Division
US Environmental Protection Agency, Region 4
61 Forsythe Street, SW
Atlanta, GA 30303

March 31, 2023

Mr. Taylor:

I am submitting this report pursuant to Paragraph 2(b) of EPA’s November 16, 2023 Consent Decree. Attached is a map indicating the locations of the three on-site monitors and a summary table of recent 7-day rolling average values. Also attached are the compiled 30-minute average values for both H2S readings and meteorological data for each onsite monitoring station.

Paragraph 2(b)

The rolling 7-day averages for H2S readings for this period are summarized as follows:

7-day Period		Onsite 7-day Avgs, ppb H ₂ S		
Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3
03 / 24 / 2023 00:00	03 / 30 / 2023 23:59	0.8	0.3	1.0

As required by the Order, New-Indy is continually evaluating its ongoing operations and shall continue developing response actions which include the following, among others:

1. New-Indy’s environmental consultant continues to remotely monitor and evaluates each monitoring station’s performance on a regular basis, daily checking and validating the precision checks for each station.
2. The mill continues to supplement the WWTP with peroxide and ferric chloride as discussed in previous reports.
3. New-Indy continues monitoring and optimizing mill processes to minimize organic and chemical losses to the sewer. The sustained reduction in daily H2S levels and rolling averages continues to demonstrate New Indy’s successful implementation of corrective actions.
4. The permanent activated carbon filtration unit continues to operate at the outfall structure (PAB, Post Aeration Basin) to potentially reduce variable ambient H2S and VOC emissions.
5. SCDHEC has approved Trial requests from New Indy Catawba for the use of an industrial odor-reducing aerosol spray (not a masking agent, but an odor reducing agent) and oxygen injection into the primary clarifier influent.

Please let me know if you have questions.

Thank you.

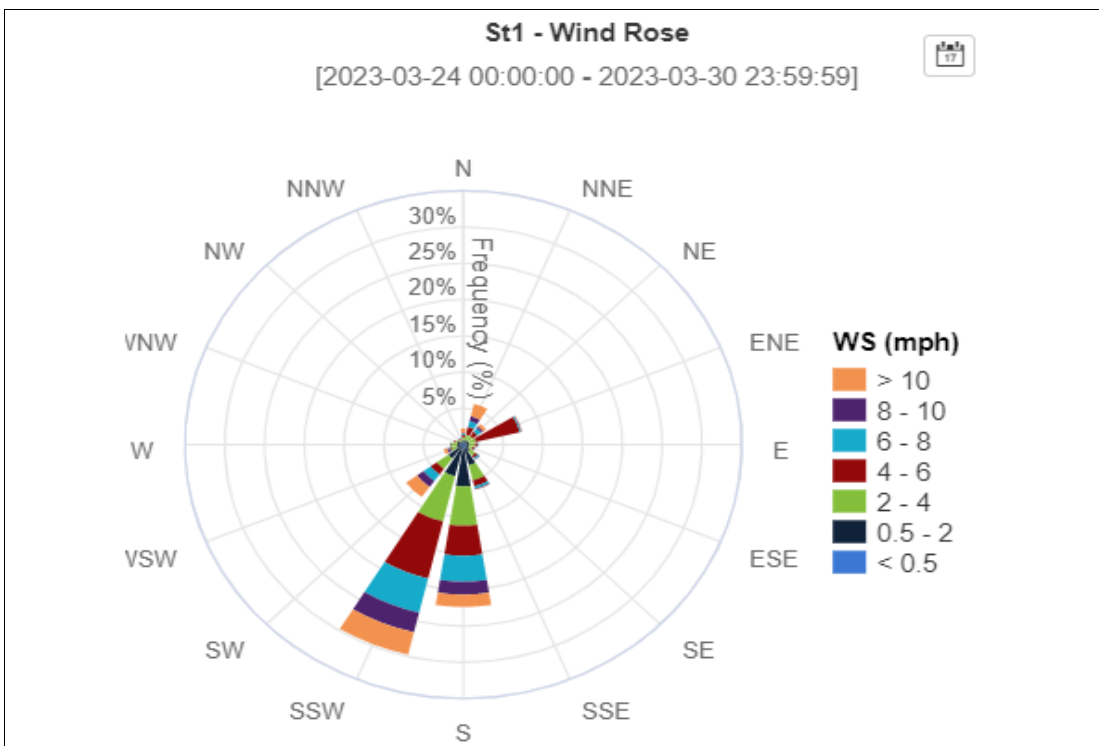
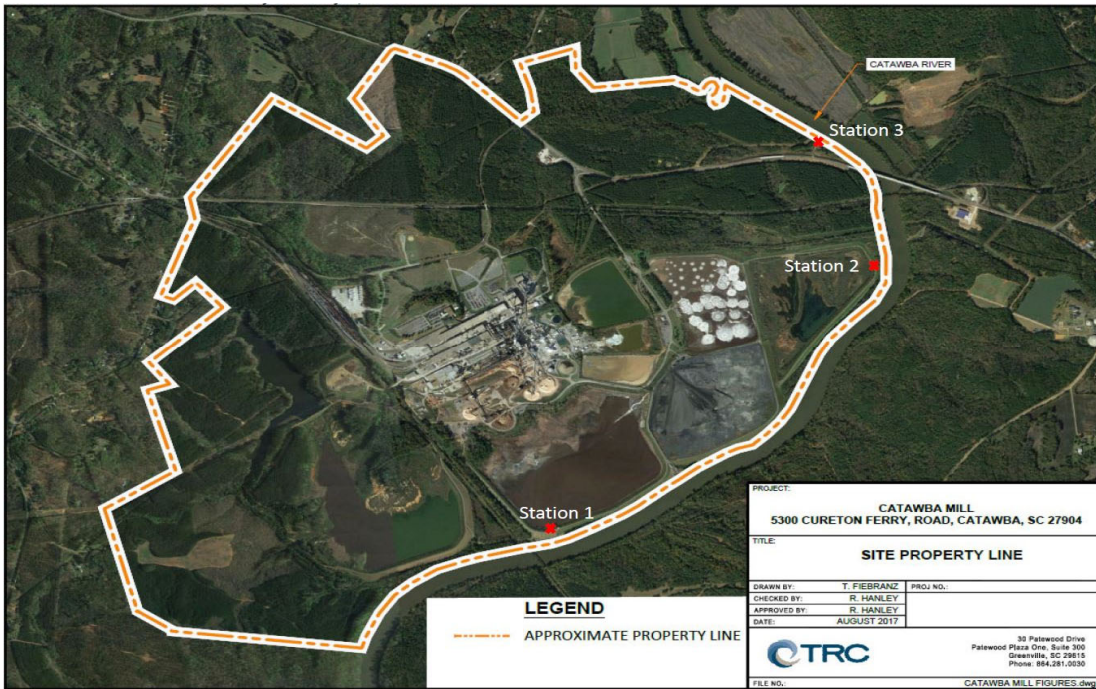
Pete Cleveland

Technical Manager

cc: Marirose J. Pratt
Associate Regional Counsel
Air & EPCRA Law Office
US Environmental Protection Agency, Region 4
Sam Nunn Atlanta Federal Center
61 Forsythe Street, SW
Atlanta, GA 30303

Attachments:

- Monitor Location Map
- 7-day History (includes 24-hr daily averages, Wind Distribution data, 30-minute averages, and AQS Null Data codes)



7-day Period		ONsite 7-day Avgs, ppb H ₂ S			24hr Period	ONsite 24hr Avgs, ppb H ₂ S		
Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3	Calendar Day 00:00 - 24:00	Station 1	Station 2	Station 3
03 / 18 / 2023 00:00	03 / 24 / 2023 23:59	0.8	0.5	0.8	03 / 24 / 2023	0.2	0.7	2.3
03 / 19 / 2023 00:00	03 / 25 / 2023 23:59	0.7	0.4	0.9	03 / 25 / 2023	0.2	0.3	1.0
03 / 20 / 2023 00:00	03 / 26 / 2023 23:59	0.8	0.5	1.0	03 / 26 / 2023	1.1	0.3	0.8
03 / 21 / 2023 00:00	03 / 27 / 2023 23:59	0.7	0.5	1.3	03 / 27 / 2023	0.3	0.4	2.1
03 / 22 / 2023 00:00	03 / 28 / 2023 23:59	0.6	0.5	1.3	03 / 28 / 2023	1.0	0.2	0.3
03 / 23 / 2023 00:00	03 / 29 / 2023 23:59	0.7	0.5	1.3	03 / 29 / 2023	1.8	0.2	0.3
03 / 24 / 2023 00:00	03 / 30 / 2023 23:59	0.8	0.3	1.0	03 / 30 / 2023	0.9	0.3	0.3

30-Minute Avgs EST Ending @ Date / Time	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
03 / 31 / 2023 00:00	0.2	2.7	193	0.2	0.8	8	0.2	0.3	33
03 / 30 / 2023 23:30	0.2	3.4	198	0.7	0.7	6	0.7	0.7	343
03 / 30 / 2023 23:00	0.2	3.8	205	0.2	0.8	327	0.7	0.8	313
03 / 30 / 2023 22:30	0.2	2.2	205	0.2	0.5	66	0.2	0.4	256
03 / 30 / 2023 22:00	0.2	1.6	182	0.2	0.4	27	0.2	0.3	302
03 / 30 / 2023 21:30	0.2	1.3	172	0.2	0.5	53	0.2	0.2	339
03 / 30 / 2023 21:00	0.2	1.8	184	0.2	0.3	67	0.2	0.2	255
03 / 30 / 2023 20:30	0.2	1.5	179	0.2	0.5	30	0.2	0.3	15
03 / 30 / 2023 20:00	0.2	1.5	184	0.2	0.7	62	0.2	0.4	352
03 / 30 / 2023 19:30	0.2	2.2	191	0.2	0.4	40	0.2	0.3	6
03 / 30 / 2023 19:00	0.2	2.4	184	0.2	0.9	86	0.2	0.5	155
03 / 30 / 2023 18:30	0.2	2.9	163	0.2	1.2	161	0.2	0.7	183
03 / 30 / 2023 18:00	0.2	4.4	183	0.2	2.7	197	0.2	2.0	184
03 / 30 / 2023 17:30	0.2	3.5	180	0.2	2.5	220	0.2	2.6	193
03 / 30 / 2023 17:00	0.2	4.9	191	0.2	2.7	222	0.2	2.2	199
03 / 30 / 2023 16:30	0.2	3.4	220	0.2	2.3	224	0.2	2.3	206
03 / 30 / 2023 16:00	0.2	3.7	201	0.2	2.6	138	0.2	2.5	152
03 / 30 / 2023 15:30	0.2	2.8	148	0.2	3.0	259	0.2	1.9	104
03 / 30 / 2023 15:00	0.2	3.2	205	0.2	3.1	19	0.2	2.6	99
03 / 30 / 2023 14:30	0.2	4.2	198	0.2	2.7	18	0.2	1.9	101
03 / 30 / 2023 14:00	0.2	3.3	348	0.2	3.5	163	0.2	2.4	302
03 / 30 / 2023 13:30	0.2	5.2	12	0.2	2.6	55	0.2	3.0	28
03 / 30 / 2023 13:00	0.2	3.8	3	0.2	2.7	67	0.2	2.9	111
03 / 30 / 2023 12:30	0.2	3.6	47	0.2	2.7	119	0.2	2.7	8
03 / 30 / 2023 12:00	0.2	5.0	25	0.2	2.6	116	0.2	3.1	71
03 / 30 / 2023 11:30	0.2	3.6	92	0.2	3.5	133	0.2	3.1	23
03 / 30 / 2023 11:00	0.2	5.0	85	0.2	3.1	70	0.2	3.6	53
03 / 30 / 2023 10:30	0.2	6.7	58	0.2	3.5	70	0.2	4.3	47
03 / 30 / 2023 10:00	0.2	8.1	44	0.2	3.0	56	0.2	4.6	53
03 / 30 / 2023 09:30	1.0	6.1	25	0.2	2.2	20	0.2	2.8	36
03 / 30 / 2023 09:00	5.0	3.9	43	0.2	1.2	40	0.2	2.5	7
03 / 30 / 2023 08:30	12.6	0.7	345	0.4	0.6	331	0.2	1.3	349
03 / 30 / 2023 08:00	7.8	0.9	290	0.2	0.8	324	0.2	0.8	1
03 / 30 / 2023 07:30	2.7	0.4	271	0.2	0.7	36	0.4	0.7	15
03 / 30 / 2023 07:00	0.5	0.9	130	0.2	0.7	34	0.4	0.5	335
03 / 30 / 2023 06:30	0.4	1.5	186	0.2	0.5	320	0.7	0.4	279
03 / 30 / 2023 06:00	0.2	1.8	171	0.2	0.2	38	0.7	0.2	299
03 / 30 / 2023 05:30	1.6	1.0	136	0.2	0.9	48	0.2	0.5	33
03 / 30 / 2023 05:00	1.2	1.6	50	0.2	1.0	47	0.2	0.8	74
03 / 30 / 2023 04:30	0.2	1.5	174	2.3	0.8	35	0.4	0.4	3
03 / 30 / 2023 04:00	0.2	1.6	196	0.7	0.8	245	0.2	0.6	219
03 / 30 / 2023 03:30	0.2	2.8	204	0.2	0.4	239	0.4	0.4	154
03 / 30 / 2023 03:00	0.2	1.9	176	0.2	0.6	58	0.2	0.5	105
03 / 30 / 2023 02:30	0.2	2.2	187	0.2	0.9	35	0.2	0.3	7
03 / 30 / 2023 02:00	0.2	1.2	182	0.2	0.6	33	0.2	0.2	0
03 / 30 / 2023 01:30	0.2	1.4	186	0.2	0.4	27	AX	0.3	349
03 / 30 / 2023 01:00	0.2	1.9	205	AX	0.3	72	0.2	0.3	185
03 / 30 / 2023 00:30	AX	1.3	209	0.2	0.3	48	0.2	0.2	208

30-Minute Avgs EST Ending @ Date / Time	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
03 / 30 / 2023 00:00	0.2	1.1	211	0.2	0.4	81	0.2	0.2	298
03 / 29 / 2023 23:30	0.2	1.3	213	0.2	0.5	49	0.2	0.2	292
03 / 29 / 2023 23:00	0.2	1.0	202	0.2	0.3	47	0.5	0.2	300
03 / 29 / 2023 22:30	0.2	1.1	173	0.2	0.4	33	0.2	0.4	291
03 / 29 / 2023 22:00	0.2	1.4	196	0.2	0.2	218	0.2	0.3	292
03 / 29 / 2023 21:30	0.2	1.4	185	0.2	0.5	33	0.2	0.4	111
03 / 29 / 2023 21:00	0.2	1.2	206	0.2	0.7	55	0.2	0.3	126
03 / 29 / 2023 20:30	0.2	2.0	199	0.2	0.2	88	0.6	0.3	259
03 / 29 / 2023 20:00	0.2	1.5	190	0.2	0.5	29	0.4	0.5	310
03 / 29 / 2023 19:30	0.2	2.4	189	0.2	0.3	70	0.5	0.3	1
03 / 29 / 2023 19:00	0.2	1.8	192	0.2	0.7	129	0.6	0.8	230
03 / 29 / 2023 18:30	0.2	2.3	175	0.2	1.9	211	0.2	0.9	219
03 / 29 / 2023 18:00	0.2	2.6	266	0.2	2.5	232	0.2	0.7	185
03 / 29 / 2023 17:30	0.2	2.4	243	0.2	1.9	217	0.2	1.0	359
03 / 29 / 2023 17:00	0.2	2.9	264	0.2	2.3	211	0.2	1.6	313
03 / 29 / 2023 16:30	0.2	3.1	142	0.2	2.3	337	0.2	2.1	345
03 / 29 / 2023 16:00	0.2	1.8	118	0.2	3.0	25	0.2	2.3	4
03 / 29 / 2023 15:30	0.2	3.6	115	0.2	4.6	248	0.2	2.5	209
03 / 29 / 2023 15:00	0.2	3.2	82	0.2	3.3	256	0.2	2.4	341
03 / 29 / 2023 14:30	0.2	2.5	336	0.2	3.6	341	0.2	2.2	288
03 / 29 / 2023 14:00	0.2	4.8	20	0.2	2.6	211	0.2	2.8	355
03 / 29 / 2023 13:30	0.2	3.9	59	0.2	3.6	38	0.2	3.5	37
03 / 29 / 2023 13:00	0.2	5.2	45	0.2	3.4	46	0.2	4.5	44
03 / 29 / 2023 12:30	0.2	8.7	32	0.2	3.6	50	0.2	3.7	56
03 / 29 / 2023 12:00	0.2	10.0	44	0.2	4.3	48	0.2	5.1	37
03 / 29 / 2023 11:30	0.2	9.4	36	0.2	3.9	63	0.2	4.4	22
03 / 29 / 2023 11:00	0.4	12.2	35	0.2	4.2	58	0.5	6.1	27
03 / 29 / 2023 10:30	0.5	13.8	22	0.2	4.8	31	0.4	5.9	4
03 / 29 / 2023 10:00	0.6	15.0	23	0.2	5.5	14	0.2	5.3	12
03 / 29 / 2023 09:30	0.8	14.6	21	0.2	6.0	24	0.2	5.1	10
03 / 29 / 2023 09:00	0.9	14.7	24	0.2	6.3	23	0.2	5.4	20
03 / 29 / 2023 08:30	1.3	BK	BK	0.2	4.0	37	0.2	5.8	7
03 / 29 / 2023 08:00	1.6	BK	BK	0.2	4.3	24	0.2	5.0	356
03 / 29 / 2023 07:30	2.7	BK	BK	0.2	2.0	23	0.2	3.4	354
03 / 29 / 2023 07:00	5.2	BK	BK	0.2	1.6	34	0.2	3.0	352
03 / 29 / 2023 06:30	6.6	BK	BK	0.2	1.4	36	0.7	3.3	347
03 / 29 / 2023 06:00	3.8	BK	BK	0.2	1.6	22	0.8	3.3	343
03 / 29 / 2023 05:30	4.4	BK	BK	0.2	0.9	71	0.4	2.9	349
03 / 29 / 2023 05:00	3.5	BK	BK	0.2	1.1	63	0.2	3.0	354
03 / 29 / 2023 04:30	3.1	BK	BK	0.2	1.3	45	0.4	3.0	351
03 / 29 / 2023 04:00	3.3	BK	BK	0.2	1.8	28	0.2	3.4	352
03 / 29 / 2023 03:30	3.4	BK	BK	0.2	2.3	29	0.2	3.6	355
03 / 29 / 2023 03:00	5.3	BK	BK	0.2	3.3	10	0.2	3.4	353
03 / 29 / 2023 02:30	6.8	BK	BK	0.2	3.3	4	0.2	3.6	346
03 / 29 / 2023 02:00	7.6	BK	BK	0.2	1.2	33	0.2	2.2	349
03 / 29 / 2023 01:30	7.6	BK	BK	0.2	0.4	26	AX	0.9	355
03 / 29 / 2023 01:00	4.2	BK	BK	AX	0.5	360	0.2	1.2	346
03 / 29 / 2023 00:30	AX	BK	BK	0.2	0.8	58	0.2	1.5	15

30-Minute Avgs EST Ending @ Date / Time	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
03 / 29 / 2023 00:00	3.8	5.2	24	0.2	0.5	62	0.2	1.1	10
03 / 28 / 2023 23:30	1.5	4.8	47	0.2	0.8	12	0.2	0.6	259
03 / 28 / 2023 23:00	1.8	6.4	41	0.2	1.1	63	0.2	1.9	26
03 / 28 / 2023 22:30	2.5	8.5	4	0.2	2.2	49	0.2	2.4	342
03 / 28 / 2023 22:00	3.1	10.4	16	0.2	1.8	53	0.2	3.3	6
03 / 28 / 2023 21:30	2.4	12.1	3	0.2	2.9	8	0.2	2.8	349
03 / 28 / 2023 21:00	3.2	15.9	10	0.2	6.0	12	0.2	5.4	352
03 / 28 / 2023 20:30	4.0	12.3	11	0.2	6.4	358	0.2	5.7	346
03 / 28 / 2023 20:00	0.5	1.8	228	0.2	1.0	2	0.4	0.7	310
03 / 28 / 2023 19:30	0.5	1.8	177	0.2	0.6	70	0.7	0.3	329
03 / 28 / 2023 19:00	0.4	1.8	197	0.2	0.3	56	0.4	0.3	192
03 / 28 / 2023 18:30	0.2	0.7	170	0.2	1.0	20	0.2	0.3	276
03 / 28 / 2023 18:00	0.2	1.0	210	0.2	0.6	62	0.2	0.5	280
03 / 28 / 2023 17:30	0.2	2.2	162	0.2	0.8	156	0.7	0.4	130
03 / 28 / 2023 17:00	0.2	1.9	178	0.2	1.5	201	1.3	1.1	169
03 / 28 / 2023 16:30	0.2	6.4	180	0.2	2.0	206	1.0	1.3	192
03 / 28 / 2023 16:00	0.2	3.0	190	0.2	2.8	211	0.5	2.4	184
03 / 28 / 2023 15:30	0.2	4.6	171	0.2	2.3	219	0.2	1.9	193
03 / 28 / 2023 15:00	0.2	3.9	162	0.2	3.0	220	0.8	2.2	195
03 / 28 / 2023 14:30	0.2	4.1	187	0.2	2.4	221	0.6	2.4	203
03 / 28 / 2023 14:00	0.2	5.1	185	0.2	3.0	209	0.2	2.7	191
03 / 28 / 2023 13:30	0.2	4.7	176	0.2	2.4	202	0.2	2.6	213
03 / 28 / 2023 13:00	0.2	4.2	159	0.2	3.0	182	0.2	2.7	160
03 / 28 / 2023 12:30	0.2	3.6	128	0.2	3.1	183	0.2	2.5	120
03 / 28 / 2023 12:00	0.2	4.4	97	0.2	2.5	145	0.2	2.1	151
03 / 28 / 2023 11:30	0.2	4.9	115	0.2	2.8	125	0.2	2.6	151
03 / 28 / 2023 11:00	0.2	4.8	103	0.2	3.1	88	0.2	2.4	122
03 / 28 / 2023 10:30	0.2	3.1	67	0.2	2.4	78	0.2	2.1	62
03 / 28 / 2023 10:00	0.4	3.9	55	0.2	1.6	66	0.2	1.2	39
03 / 28 / 2023 09:30	0.7	1.9	90	0.2	0.6	324	0.2	0.5	355
03 / 28 / 2023 09:00	3.1	0.7	126	0.2	0.5	267	0.2	0.3	238
03 / 28 / 2023 08:30	2.8	1.2	18	0.2	1.3	25	0.2	1.4	324
03 / 28 / 2023 08:00	1.3	0.9	208	0.2	0.6	37	0.2	0.3	30
03 / 28 / 2023 07:30	1.2	1.6	217	0.2	0.4	32	0.2	0.6	335
03 / 28 / 2023 07:00	1.3	1.4	226	0.2	0.5	5	0.2	0.6	349
03 / 28 / 2023 06:30	1.8	1.2	173	0.2	0.2	23	0.2	0.3	18
03 / 28 / 2023 06:00	3.7	1.7	90	0.2	0.8	51	0.2	0.2	346
03 / 28 / 2023 05:30	4.8	1.4	55	0.2	1.4	44	0.2	1.3	348
03 / 28 / 2023 05:00	0.4	1.2	228	0.2	0.7	34	0.2	0.3	359
03 / 28 / 2023 04:30	0.6	1.5	224	0.2	0.6	38	0.2	0.4	21
03 / 28 / 2023 04:00	0.2	1.0	177	0.2	0.8	46	0.2	0.5	360
03 / 28 / 2023 03:30	0.5	1.0	212	0.2	0.5	40	0.2	0.4	347
03 / 28 / 2023 03:00	0.7	1.6	180	0.2	0.2	44	0.2	0.2	1
03 / 28 / 2023 02:30	0.5	1.8	202	0.2	0.4	19	0.2	0.4	347
03 / 28 / 2023 02:00	0.2	1.5	169	0.2	0.5	45	0.2	0.5	21
03 / 28 / 2023 01:30	0.2	1.7	184	0.2	0.3	46	AX	0.4	3
03 / 28 / 2023 01:00	0.5	2.4	236	AX	0.4	80	0.2	0.3	319
03 / 28 / 2023 00:30	AX	3.4	268	0.2	0.6	53	0.2	0.3	22

30-Minute Avgs EST Ending @ Date / Time	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
03 / 28 / 2023 00:00	1.0	3.1	233	0.2	1.3	105	0.2	1.1	212
03 / 27 / 2023 23:30	2.5	2.8	351	0.8	1.1	66	0.4	0.4	219
03 / 27 / 2023 23:00	0.6	3.9	246	0.4	2.4	92	1.8	1.0	28
03 / 27 / 2023 22:30	0.2	4.4	209	0.7	2.0	210	3.3	1.2	200
03 / 27 / 2023 22:00	0.2	7.5	211	0.7	3.3	216	2.5	2.8	204
03 / 27 / 2023 21:30	0.2	7.4	205	0.2	2.7	201	2.7	2.3	197
03 / 27 / 2023 21:00	0.2	6.2	201	0.4	2.6	199	2.0	2.3	203
03 / 27 / 2023 20:30	0.2	5.7	192	0.2	2.7	177	1.5	2.5	161
03 / 27 / 2023 20:00	0.2	4.7	201	0.2	3.3	207	5.3	2.2	200
03 / 27 / 2023 19:30	0.2	5.5	188	0.2	3.8	206	3.9	2.6	209
03 / 27 / 2023 19:00	0.2	5.0	187	0.2	3.8	206	3.1	2.9	197
03 / 27 / 2023 18:30	0.2	6.4	194	0.2	5.5	214	3.0	3.5	207
03 / 27 / 2023 18:00	0.2	7.5	198	0.2	6.9	221	2.7	4.2	217
03 / 27 / 2023 17:30	0.2	7.1	199	0.6	8.0	225	1.6	5.3	214
03 / 27 / 2023 17:00	0.2	6.5	210	0.6	7.6	226	1.3	4.6	220
03 / 27 / 2023 16:30	0.2	8.2	195	0.2	7.3	207	1.5	5.1	208
03 / 27 / 2023 16:00	0.2	9.8	193	0.2	8.0	219	1.5	4.3	200
03 / 27 / 2023 15:30	0.2	7.4	223	0.9	9.6	240	0.5	3.9	237
03 / 27 / 2023 15:00	0.2	8.1	220	0.6	8.1	237	0.6	4.8	230
03 / 27 / 2023 14:30	0.2	8.3	205	0.2	8.6	220	1.1	5.7	216
03 / 27 / 2023 14:00	0.2	9.0	195	0.2	8.0	217	1.6	5.0	201
03 / 27 / 2023 13:30	0.2	11.8	203	0.2	9.2	213	1.3	6.3	203
03 / 27 / 2023 13:00	0.2	10.4	199	0.2	8.7	214	1.7	6.4	209
03 / 27 / 2023 12:30	0.2	11.7	196	0.2	10.3	226	1.9	6.2	201
03 / 27 / 2023 12:00	0.2	10.3	209	0.2	10.1	225	1.4	5.7	214
03 / 27 / 2023 11:30	0.6	8.8	209	0.2	9.2	221	1.4	5.4	203
03 / 27 / 2023 11:00	0.5	8.3	205	0.5	7.5	221	1.8	4.5	212
03 / 27 / 2023 10:30	0.5	7.4	200	0.2	6.3	220	1.8	4.1	211
03 / 27 / 2023 10:00	0.2	6.8	206	0.7	6.0	223	2.8	2.9	214
03 / 27 / 2023 09:30	0.2	5.0	195	0.2	5.9	221	5.1	2.9	222
03 / 27 / 2023 09:00	0.5	4.5	191	0.2	6.1	207	6.5	3.2	203
03 / 27 / 2023 08:30	0.2	6.1	205	0.2	4.8	213	6.4	3.1	208
03 / 27 / 2023 08:00	0.2	5.1	200	0.2	3.6	203	2.4	2.1	183
03 / 27 / 2023 07:30	0.2	4.6	191	0.2	1.6	192	4.7	1.5	171
03 / 27 / 2023 07:00	0.2	5.2	199	0.2	3.2	203	3.9	1.7	192
03 / 27 / 2023 06:30	0.2	4.7	197	0.2	2.6	192	1.6	1.5	180
03 / 27 / 2023 06:00	0.7	2.9	181	0.2	2.1	166	1.6	1.4	187
03 / 27 / 2023 05:30	0.4	2.4	200	0.2	1.3	167	1.0	0.5	31
03 / 27 / 2023 05:00	0.2	2.9	197	0.2	2.3	189	1.1	0.9	170
03 / 27 / 2023 04:30	0.2	5.2	194	0.2	4.0	200	1.4	1.7	178
03 / 27 / 2023 04:00	0.2	5.2	191	0.2	2.9	202	0.7	2.1	177
03 / 27 / 2023 03:30	0.2	5.8	163	0.2	3.3	150	0.2	2.2	169
03 / 27 / 2023 03:00	0.2	4.0	165	0.8	1.9	171	0.8	1.3	143
03 / 27 / 2023 02:30	0.6	3.3	238	2.8	2.6	227	0.8	1.3	253
03 / 27 / 2023 02:00	0.9	1.8	290	0.2	1.7	46	0.2	0.8	282
03 / 27 / 2023 01:30	0.2	2.1	165	0.2	0.6	114	AX	0.7	110
03 / 27 / 2023 01:00	0.4	3.3	173	AX	1.6	156	0.4	1.4	163
03 / 27 / 2023 00:30	AX	2.7	311	2.0	1.7	346	0.4	0.8	303

30-Minute Avgs EST Ending @ Date / Time	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
03 / 27 / 2023 00:00	1.2	3.5	203	1.1	3.3	220	1.3	1.9	265
03 / 26 / 2023 23:30	0.2	3.4	181	0.2	1.4	50	0.2	1.0	94
03 / 26 / 2023 23:00	0.2	1.9	187	0.2	1.0	44	0.2	0.6	78
03 / 26 / 2023 22:30	0.5	2.0	196	0.2	1.1	22	0.2	0.9	51
03 / 26 / 2023 22:00	0.4	1.8	197	0.2	1.5	79	0.2	1.2	333
03 / 26 / 2023 21:30	0.8	0.9	206	0.2	0.7	46	0.2	0.6	357
03 / 26 / 2023 21:00	0.4	1.8	195	0.2	0.5	85	0.2	0.2	340
03 / 26 / 2023 20:30	1.6	1.1	163	0.2	0.6	94	0.2	0.5	175
03 / 26 / 2023 20:00	1.4	1.4	168	0.2	0.7	82	0.2	0.5	108
03 / 26 / 2023 19:30	0.2	3.8	189	0.2	0.8	169	0.2	0.4	113
03 / 26 / 2023 19:00	0.2	3.5	176	0.2	1.2	146	0.2	0.4	100
03 / 26 / 2023 18:30	0.2	3.6	175	0.2	2.3	176	0.5	0.7	176
03 / 26 / 2023 18:00	0.2	3.3	184	0.2	2.1	197	0.2	1.0	189
03 / 26 / 2023 17:30	0.2	2.7	204	0.2	2.4	212	0.9	1.6	164
03 / 26 / 2023 17:00	0.6	3.2	186	0.5	3.7	220	1.0	1.7	198
03 / 26 / 2023 16:30	0.7	1.1	181	0.2	1.3	193	0.2	0.8	12
03 / 26 / 2023 16:00	1.4	2.2	59	0.2	1.4	80	0.2	1.3	49
03 / 26 / 2023 15:30	2.8	4.1	9	0.2	1.9	22	0.2	1.5	352
03 / 26 / 2023 15:00	1.9	4.4	24	0.2	2.5	3	0.2	1.6	345
03 / 26 / 2023 14:30	1.3	6.2	17	0.2	3.1	7	0.2	2.6	335
03 / 26 / 2023 14:00	2.0	7.9	16	0.2	4.1	7	0.2	2.9	335
03 / 26 / 2023 13:30	1.4	3.1	342	1.1	3.5	325	0.2	2.5	334
03 / 26 / 2023 13:00	1.7	2.7	161	0.2	1.7	135	0.2	1.6	36
03 / 26 / 2023 12:30	1.0	3.8	52	0.2	2.2	0	0.2	1.5	320
03 / 26 / 2023 12:00	0.2	3.0	130	0.2	1.4	106	0.2	1.4	144
03 / 26 / 2023 11:30	1.9	5.3	65	0.2	3.9	64	0.2	3.8	61
03 / 26 / 2023 11:00	0.4	6.4	92	0.2	2.4	86	0.2	1.9	104
03 / 26 / 2023 10:30	0.2	2.6	87	0.2	1.7	77	0.2	1.9	55
03 / 26 / 2023 10:00	0.2	1.9	97	0.2	1.2	88	0.2	2.1	70
03 / 26 / 2023 09:30	0.6	4.0	57	0.2	1.4	78	0.2	2.5	49
03 / 26 / 2023 09:00	1.8	4.7	52	0.2	1.2	73	0.2	2.0	39
03 / 26 / 2023 08:30	10.6	1.6	86	0.2	0.5	46	0.2	0.6	58
03 / 26 / 2023 08:00	0.8	1.4	333	0.2	0.7	43	0.2	0.9	314
03 / 26 / 2023 07:30	1.0	2.1	220	0.2	0.9	41	0.2	0.8	19
03 / 26 / 2023 07:00	1.1	1.4	169	0.2	0.7	78	0.2	0.6	27
03 / 26 / 2023 06:30	0.2	2.8	156	0.4	0.8	80	0.2	0.3	10
03 / 26 / 2023 06:00	0.2	1.0	217	1.1	1.1	58	0.2	0.4	2
03 / 26 / 2023 05:30	0.4	2.6	198	1.0	1.0	164	0.7	0.6	161
03 / 26 / 2023 05:00	1.5	1.3	298	0.2	0.7	40	0.6	0.4	267
03 / 26 / 2023 04:30	1.4	1.2	109	0.2	0.8	28	1.4	0.4	56
03 / 26 / 2023 04:00	2.1	0.8	249	0.2	1.1	60	2.1	0.3	48
03 / 26 / 2023 03:30	0.2	3.0	215	0.2	0.6	177	4.7	0.6	136
03 / 26 / 2023 03:00	0.2	3.6	209	0.2	1.2	203	4.4	1.2	178
03 / 26 / 2023 02:30	0.2	2.6	212	0.9	0.7	214	4.7	0.7	174
03 / 26 / 2023 02:00	0.4	2.5	214	1.8	0.9	210	BF	0.6	143
03 / 26 / 2023 01:30	1.5	3.2	205	BF	1.7	218	BF	0.9	188
03 / 26 / 2023 01:00	BF	3.7	202	BF	2.2	212	4.5	1.0	199
03 / 26 / 2023 00:30	BF	4.4	203	0.2	3.5	212	2.4	2.2	195

30-Minute Avgs EST Ending @ Date / Time	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
03 / 26 / 2023 00:00	0.2	5.1	205	0.2	3.8	212	4.1	2.5	198
03 / 25 / 2023 23:30	0.2	5.8	203	0.2	4.3	212	3.3	2.9	198
03 / 25 / 2023 23:00	0.2	5.7	200	0.2	5.0	208	2.6	2.9	197
03 / 25 / 2023 22:30	0.2	6.9	197	0.2	4.7	211	1.6	3.6	198
03 / 25 / 2023 22:00	0.2	6.7	192	0.2	4.9	209	0.8	4.2	201
03 / 25 / 2023 21:30	0.2	7.5	189	0.2	4.5	203	0.2	3.0	197
03 / 25 / 2023 21:00	0.2	8.4	185	0.2	5.4	204	0.2	3.6	199
03 / 25 / 2023 20:30	0.2	7.6	185	0.2	5.4	200	0.2	2.8	199
03 / 25 / 2023 20:00	0.2	6.9	187	0.2	4.7	198	0.2	3.7	198
03 / 25 / 2023 19:30	0.2	7.7	186	0.2	4.9	199	0.2	3.5	209
03 / 25 / 2023 19:00	0.2	7.5	186	0.2	4.8	201	0.2	3.0	192
03 / 25 / 2023 18:30	0.2	8.5	188	0.2	5.4	211	1.1	4.6	200
03 / 25 / 2023 18:00	0.2	9.0	200	0.2	8.7	219	1.6	5.9	208
03 / 25 / 2023 17:30	0.2	10.0	195	0.2	9.2	225	1.3	6.0	213
03 / 25 / 2023 17:00	0.2	13.0	191	0.2	8.4	214	0.8	6.5	203
03 / 25 / 2023 16:30	0.2	11.4	199	0.2	9.6	215	0.9	5.4	201
03 / 25 / 2023 16:00	0.2	10.6	197	0.2	9.8	219	0.9	5.9	204
03 / 25 / 2023 15:30	0.2	10.5	199	0.2	8.0	217	1.1	6.3	196
03 / 25 / 2023 15:00	0.2	9.6	191	0.2	8.6	214	0.7	5.6	195
03 / 25 / 2023 14:30	0.2	9.9	194	0.2	9.3	216	0.8	5.5	197
03 / 25 / 2023 14:00	0.2	9.7	203	0.2	8.9	224	0.7	5.7	193
03 / 25 / 2023 13:30	0.2	10.8	201	0.2	9.4	226	1.0	5.7	202
03 / 25 / 2023 13:00	0.2	10.6	193	0.2	7.8	216	0.6	6.2	203
03 / 25 / 2023 12:30	0.2	9.0	190	0.2	6.4	217	0.9	5.5	201
03 / 25 / 2023 12:00	0.2	8.7	192	0.2	5.7	209	0.9	4.4	185
03 / 25 / 2023 11:30	0.2	8.0	196	0.2	6.0	215	0.7	4.3	198
03 / 25 / 2023 11:00	0.2	7.7	187	0.2	4.9	204	0.2	4.0	189
03 / 25 / 2023 10:30	0.2	8.1	177	0.2	4.3	189	0.2	3.9	180
03 / 25 / 2023 10:00	0.2	8.2	186	0.2	5.6	201	1.3	3.7	197
03 / 25 / 2023 09:30	0.2	6.4	190	0.2	4.5	205	1.6	3.0	179
03 / 25 / 2023 09:00	0.2	6.3	208	0.4	5.4	215	2.2	2.3	205
03 / 25 / 2023 08:30	0.2	6.5	205	1.0	5.3	221	2.5	2.6	207
03 / 25 / 2023 08:00	0.2	6.3	211	0.4	5.2	224	2.7	3.4	212
03 / 25 / 2023 07:30	0.2	6.0	197	0.2	4.2	212	3.1	3.1	192
03 / 25 / 2023 07:00	0.2	6.6	208	0.2	5.1	219	3.2	3.1	214
03 / 25 / 2023 06:30	0.2	6.8	190	0.4	3.9	201	0.4	2.7	185
03 / 25 / 2023 06:00	0.5	5.4	190	0.5	3.1	193	0.5	1.6	184
03 / 25 / 2023 05:30	0.6	5.5	175	0.4	2.3	184	0.4	2.0	163
03 / 25 / 2023 05:00	0.5	5.7	180	0.5	3.2	191	0.5	2.2	172
03 / 25 / 2023 04:30	0.6	6.1	181	0.5	3.5	192	0.6	2.6	190
03 / 25 / 2023 04:00	0.6	6.4	190	0.5	4.1	201	1.0	2.7	191
03 / 25 / 2023 03:30	0.5	7.1	184	0.4	4.0	193	0.4	2.5	173
03 / 25 / 2023 03:00	0.2	7.5	187	0.4	3.9	196	0.4	2.7	190
03 / 25 / 2023 02:30	0.2	7.0	185	0.2	3.9	191	0.2	2.3	188
03 / 25 / 2023 02:00	0.2	6.3	193	0.2	2.9	199	0.2	1.5	181
03 / 25 / 2023 01:30	0.2	6.3	190	0.2	2.9	194	AX	1.5	208
03 / 25 / 2023 01:00	0.2	4.9	189	AX	2.2	200	0.2	0.9	194
03 / 25 / 2023 00:30	AX	3.4	176	0.2	0.9	145	0.2	0.8	105

30-Minute Avgs EST Ending @ Date / Time	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
03 / 25 / 2023 00:00	0.2	1.4	166	0.2	0.4	61	0.7	0.5	103
03 / 24 / 2023 23:30	0.2	0.9	113	0.2	0.7	77	2.0	0.4	216
03 / 24 / 2023 23:00	0.2	0.9	221	0.2	0.5	318	0.9	0.5	286
03 / 24 / 2023 22:30	0.2	2.6	180	0.2	1.7	205	0.4	0.9	252
03 / 24 / 2023 22:00	0.2	2.8	167	0.2	1.5	184	0.2	1.0	207
03 / 24 / 2023 21:30	0.2	3.3	182	0.2	1.3	179	0.4	0.6	151
03 / 24 / 2023 21:00	0.2	4.5	192	0.2	2.8	197	1.6	0.8	249
03 / 24 / 2023 20:30	0.2	3.4	187	0.2	1.9	201	1.1	0.5	307
03 / 24 / 2023 20:00	0.2	2.5	189	0.2	1.1	214	1.0	0.3	206
03 / 24 / 2023 19:30	0.2	2.6	179	0.2	1.8	186	1.3	0.4	234
03 / 24 / 2023 19:00	0.2	4.1	180	0.2	2.9	189	2.0	1.7	192
03 / 24 / 2023 18:30	0.2	6.6	192	0.2	4.2	211	1.9	3.3	209
03 / 24 / 2023 18:00	0.2	7.6	186	0.2	5.7	213	1.1	3.5	196
03 / 24 / 2023 17:30	0.2	8.5	210	0.2	7.8	231	1.6	5.8	215
03 / 24 / 2023 17:00	0.2	9.9	205	0.4	9.5	229	2.1	5.9	212
03 / 24 / 2023 16:30	0.2	9.4	224	0.8	10.6	239	1.0	6.2	222
03 / 24 / 2023 16:00	0.2	11.2	229	1.0	11.1	243	1.0	5.2	217
03 / 24 / 2023 15:30	0.2	11.3	227	1.0	12.0	243	1.1	6.8	217
03 / 24 / 2023 15:00	0.2	12.2	212	1.0	10.0	237	1.3	6.4	220
03 / 24 / 2023 14:30	0.2	10.4	215	1.0	10.8	241	1.0	6.1	222
03 / 24 / 2023 14:00	0.2	13.1	216	0.7	12.1	235	0.7	7.1	225
03 / 24 / 2023 13:30	0.2	11.7	220	0.5	11.3	240	1.1	7.0	215
03 / 24 / 2023 13:00	0.2	10.9	214	0.4	11.5	243	1.2	6.3	214
03 / 24 / 2023 12:30	0.2	12.4	198	0.2	10.0	225	1.4	5.5	207
03 / 24 / 2023 12:00	0.2	10.9	204	0.2	10.4	236	1.3	6.1	207
03 / 24 / 2023 11:30	0.2	10.0	218	0.5	10.0	237	1.0	6.0	215
03 / 24 / 2023 11:00	0.2	9.8	227	0.6	9.6	240	1.1	6.1	211
03 / 24 / 2023 10:30	0.2	9.0	225	1.0	9.3	238	0.5	4.7	228
03 / 24 / 2023 10:00	0.2	8.2	221	1.1	8.9	242	0.5	4.6	226
03 / 24 / 2023 09:30	0.2	6.8	217	0.6	6.8	229	1.6	3.5	226
03 / 24 / 2023 09:00	0.2	6.8	212	1.0	5.7	232	2.1	3.4	204
03 / 24 / 2023 08:30	0.2	6.9	208	0.4	4.9	229	2.8	3.2	196
03 / 24 / 2023 08:00	0.2	5.4	210	0.9	2.4	227	4.7	2.2	187
03 / 24 / 2023 07:30	0.2	4.2	204	0.2	0.4	284	2.8	1.4	178
03 / 24 / 2023 07:00	0.2	3.7	201	0.2	0.4	146	0.9	1.2	171
03 / 24 / 2023 06:30	0.2	3.6	204	0.2	1.1	170	0.6	0.9	174
03 / 24 / 2023 06:00	0.2	5.3	186	0.4	2.2	176	3.1	1.1	166
03 / 24 / 2023 05:30	0.2	4.5	200	1.8	0.7	235	13.8	2.1	178
03 / 24 / 2023 05:00	0.2	5.2	201	7.0	0.7	269	9.1	1.9	183
03 / 24 / 2023 04:30	0.2	4.8	204	2.6	1.0	264	6.1	2.0	179
03 / 24 / 2023 04:00	0.2	4.0	197	0.2	0.7	215	0.9	1.7	172
03 / 24 / 2023 03:30	0.2	4.2	195	0.2	0.6	172	1.7	1.3	180
03 / 24 / 2023 03:00	0.2	4.9	200	0.2	2.4	208	3.2	1.9	178
03 / 24 / 2023 02:30	0.2	4.3	209	0.2	2.6	204	5.4	1.3	167
03 / 24 / 2023 02:00	0.2	4.1	206	0.2	0.9	202	5.6	1.0	176
03 / 24 / 2023 01:30	0.2	4.7	202	0.2	2.0	214	AX	1.4	187
03 / 24 / 2023 01:00	0.2	4.3	202	AX	1.7	221	4.7	1.5	196
03 / 24 / 2023 00:30	AX	4.9	206	0.2	1.9	220	4.4	1.2	186

AQS Null Data Codes	
Qualifier Code	Item Description
AB	TECHNICIAN UNAVAILABLE
AC	CONSTRUCTION/REPAIRS IN AREA
AD	SHELTER STORM DAMAGE
AE	SHELTER TEMPERATURE OUTSIDE LIMITS
AI	INSUFFICIENT DATA (CAN'T CALCULATE)
AM	MISCELLANEOUS VOID
AN	MACHINE MALFUNCTION
AO	BAD WEATHER
AP	VANDALISM
AS	POOR QUALITY ASSURANCE RESULTS
AT	CALIBRATION
AU	MONITORING WAIVED
AV	POWER FAILURE (POWR)
AW	WILDLIFE DAMAGE
AX	PRECISION CHECK (PREC)
AY	Q C CONTROL POINTS (ZERO/SPAN)
AZ	Q C AUDIT (AUDT)
BA	MAINTENANCE/ROUTINE REPAIRS
BB	UNABLE TO REACH SITE
BC	MULTI-POINT CALIBRATION
BD	AUTO CALIBRATION
BE	BUILDING/SITE REPAIR
BF	PRECISION/ZERO/SPAN
BJ	OPERATOR ERROR
BK	SITE COMPUTER/DATA LOGGER DOWN