



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 3, 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
02 / 24 / 2023 00:00	03 / 02 / 2023 23:59	0.8	1.0	1.4

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.

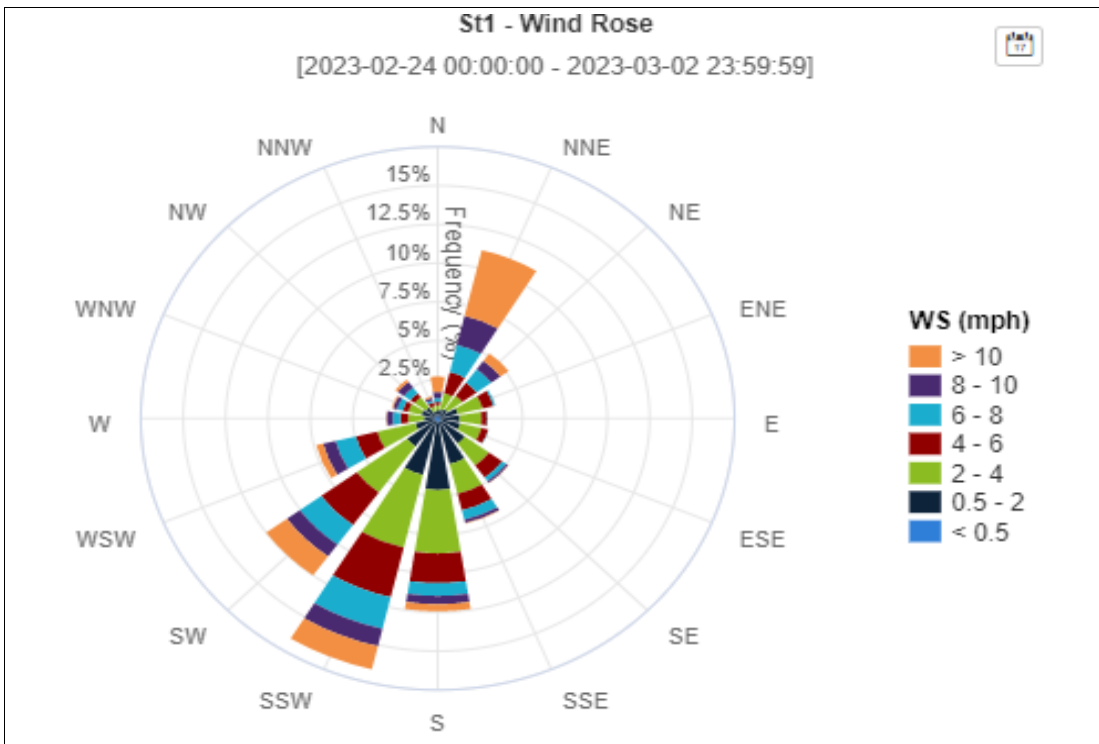
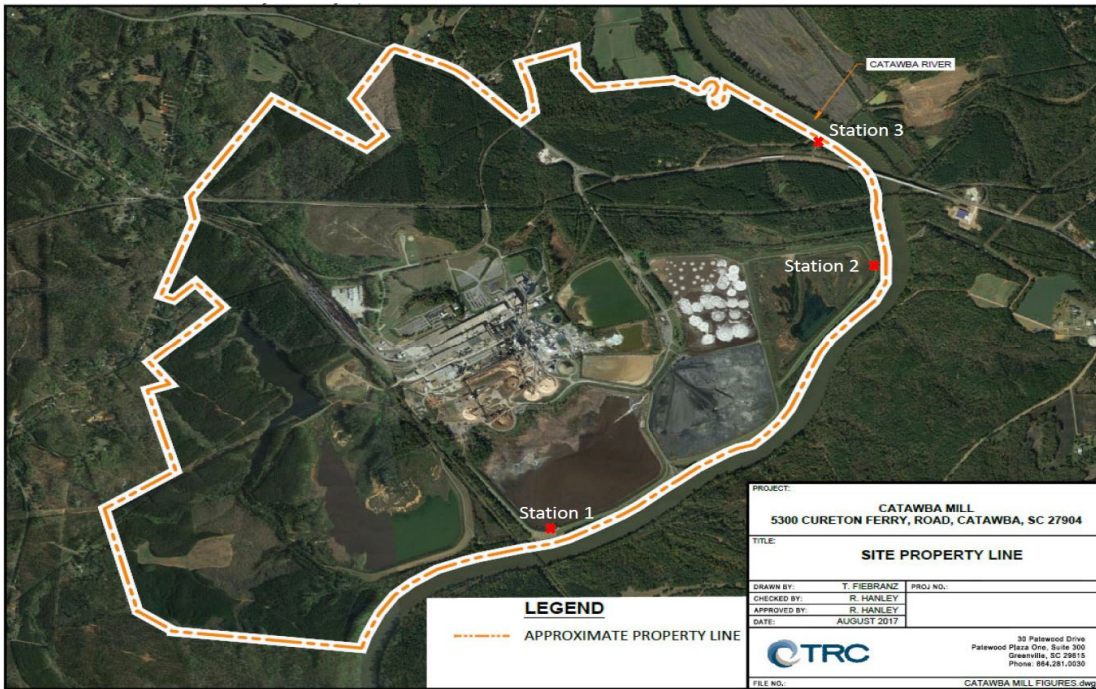
Pete Cleveland

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
02 / 18 / 2023 00:00	02 / 24 / 2023 23:59	0.7	0.9	2.6	02 / 24 / 2023	2.2	0.5	1.7
02 / 19 / 2023 00:00	02 / 25 / 2023 23:59	0.7	0.9	2.6	02 / 25 / 2023	1.0	0.4	0.3
02 / 20 / 2023 00:00	02 / 26 / 2023 23:59	0.7	0.9	2.6	02 / 26 / 2023	0.6	0.3	0.8
02 / 21 / 2023 00:00	02 / 27 / 2023 23:59	0.7	0.8	2.5	02 / 27 / 2023	0.4	0.5	1.5
02 / 22 / 2023 00:00	02 / 28 / 2023 23:59	0.7	1.0	1.9	02 / 28 / 2023	0.2	3.2	1.0
02 / 23 / 2023 00:00	03 / 01 / 2023 23:59	0.7	1.0	1.6	03 / 01 / 2023	0.2	0.4	1.3
02 / 24 / 2023 00:00	03 / 02 / 2023 23:59	0.8	1.0	1.4	03 / 02 / 2023	0.8	1.9	3.2

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 / 03 / 2023 00:00	0.2	1.8	171	1.9	0.8	61	1.4	0.5	207
03 / 02 / 2023 23:30	0.7	1.1	92	3.0	1.2	68	1.4	0.6	80
03 / 02 / 2023 23:00	0.2	1.5	164	6.1	1.0	167	1.1	0.5	184
03 / 02 / 2023 22:30	1.1	2.4	222	4.2	1.6	274	2.0	0.9	293
03 / 02 / 2023 22:00	0.2	4.7	178	0.2	2.5	191	0.4	1.7	197
03 / 02 / 2023 21:30	1.0	1.7	42	0.8	1.1	90	1.2	0.5	36
03 / 02 / 2023 21:00	0.2	3.6	174	1.1	1.9	175	0.8	1.2	178
03 / 02 / 2023 20:30	0.4	1.8	185	0.2	1.1	86	0.2	1.0	188
03 / 02 / 2023 20:00	1.3	4.7	326	1.2	2.9	340	0.7	0.8	293
03 / 02 / 2023 19:30	0.6	3.7	250	1.4	2.1	205	3.7	0.8	330
03 / 02 / 2023 19:00	0.2	4.9	190	0.2	3.0	216	1.5	1.5	251
03 / 02 / 2023 18:30	0.2	6.5	185	0.2	3.4	187	0.2	2.0	173
03 / 02 / 2023 18:00	0.2	6.8	185	0.2	4.3	206	3.7	2.6	189
03 / 02 / 2023 17:30	0.2	4.3	194	0.2	1.9	209	2.8	1.6	195
03 / 02 / 2023 17:00	0.2	2.5	187	0.2	1.1	186	0.5	0.9	201
03 / 02 / 2023 16:30	0.2	3.3	177	1.3	1.5	201	0.4	1.3	172
03 / 02 / 2023 16:00	0.2	2.8	258	0.4	2.7	287	0.2	0.8	268
03 / 02 / 2023 15:30	0.2	2.8	247	1.6	3.2	265	0.2	1.1	239
03 / 02 / 2023 15:00	0.2	1.6	185	0.5	0.9	123	0.5	0.6	128
03 / 02 / 2023 14:30	0.8	2.3	277	1.8	1.0	301	1.2	0.3	241
03 / 02 / 2023 14:00	1.3	3.3	247	2.3	3.1	268	2.3	1.2	253
03 / 02 / 2023 13:30	1.1	4.0	174	0.2	2.2	170	0.4	1.8	163
03 / 02 / 2023 13:00	3.0	1.9	132	0.2	1.2	143	0.2	1.1	172
03 / 02 / 2023 12:30	2.8	2.2	43	0.2	0.8	201	0.2	0.8	178
03 / 02 / 2023 12:00	AX	2.7	19	0.2	1.5	17	0.2	0.9	7
03 / 02 / 2023 11:30	AX	1.9	30	0.2	1.5	349	0.2	0.6	288
03 / 02 / 2023 11:00	AX	2.2	54	0.2	1.6	19	0.2	1.1	289
03 / 02 / 2023 10:30	0.8	3.3	76	0.2	1.2	104	0.2	1.1	99
03 / 02 / 2023 10:00	3.9	9.7	27	0.2	2.6	47	0.2	3.4	21
03 / 02 / 2023 09:30	1.0	6.8	310	2.9	3.8	356	0.2	2.8	347
03 / 02 / 2023 09:00	0.2	4.4	236	6.8	4.6	241	0.2	1.8	257
03 / 02 / 2023 08:30	0.2	4.7	226	4.8	5.5	240	4.6	2.1	253
03 / 02 / 2023 08:00	0.2	5.8	210	0.7	4.6	228	7.8	3.1	209
03 / 02 / 2023 07:30	0.2	5.9	199	0.2	3.6	214	11.2	2.2	207
03 / 02 / 2023 07:00	0.2	4.9	208	0.2	3.5	219	10.4	1.5	203
03 / 02 / 2023 06:30	0.2	4.3	201	0.2	3.3	217	8.3	0.9	223
03 / 02 / 2023 06:00	0.2	4.8	205	4.2	3.5	228	3.3	1.7	231
03 / 02 / 2023 05:30	0.2	6.6	216	3.2	5.6	238	5.0	3.1	236
03 / 02 / 2023 05:00	0.2	7.2	213	2.2	6.6	233	8.2	3.4	228
03 / 02 / 2023 04:30	0.2	7.6	212	3.8	6.0	236	8.4	3.2	222
03 / 02 / 2023 04:00	0.4	7.3	210	1.9	5.3	233	8.1	2.8	227
03 / 02 / 2023 03:30	0.5	6.9	204	0.2	5.8	224	8.4	3.4	217
03 / 02 / 2023 03:00	0.5	7.0	208	0.2	4.9	224	8.7	3.1	217
03 / 02 / 2023 02:30	0.8	4.6	201	0.2	2.4	209	6.7	0.8	181
03 / 02 / 2023 02:00	1.5	2.5	188	3.0	1.1	206	6.0	0.5	202
03 / 02 / 2023 01:30	2.8	2.4	178	9.9	0.7	233	AX	0.9	114
03 / 02 / 2023 01:00	3.4	3.6	197	AX	0.9	228	6.8	0.9	125
03 / 02 / 2023 00:30	AX	3.9	208	10.8	1.7	217	5.9	0.6	196

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 / 02 / 2023 00:00	BC	2.6	230	4.1	0.8	187	4.0	0.5	118
03 / 01 / 2023 23:30	BC	1.4	224	0.2	0.8	85	9.4	0.4	248
03 / 01 / 2023 23:00	BC	2.1	218	0.4	0.4	165	5.2	0.5	192
03 / 01 / 2023 22:30	BC	1.6	189	0.7	0.8	115	1.6	0.5	234
03 / 01 / 2023 22:00	BC	1.7	188	0.2	0.4	166	0.2	0.7	194
03 / 01 / 2023 21:30	AX	1.4	190	0.2	0.5	177	0.2	0.3	98
03 / 01 / 2023 21:00	AX	1.7	187	0.2	0.5	14	0.4	0.4	303
03 / 01 / 2023 20:30	AX	1.7	185	0.2	0.4	62	0.2	0.4	25
03 / 01 / 2023 20:00	EC	1.7	174	0.2	0.4	85	0.2	0.3	181
03 / 01 / 2023 19:30	EC	1.8	189	0.2	0.9	91	0.6	0.6	250
03 / 01 / 2023 19:00	EC	3.7	52	0.2	2.2	48	0.6	1.2	301
03 / 01 / 2023 18:30	EC	6.3	166	0.2	2.0	176	0.2	1.3	165
03 / 01 / 2023 18:00	EC	4.3	171	0.2	2.3	181	5.2	1.4	173
03 / 01 / 2023 17:30	EC	3.4	194	0.2	3.2	208	8.9	1.9	200
03 / 01 / 2023 17:00	EC	4.7	200	3.0	3.4	222	3.3	1.4	216
03 / 01 / 2023 16:30	EC	2.3	248	2.2	1.0	274	1.3	0.8	303
03 / 01 / 2023 16:00	EC	3.2	338	1.2	2.0	250	0.9	1.4	230
03 / 01 / 2023 15:30	EC	1.7	345	0.7	2.7	298	0.8	1.6	248
03 / 01 / 2023 15:00	EC	3.1	182	0.2	2.6	203	0.2	1.6	218
03 / 01 / 2023 14:30	EC	1.6	313	0.2	2.1	228	0.2	1.0	272
03 / 01 / 2023 14:00	EC	2.0	358	0.2	2.1	339	0.2	1.8	357
03 / 01 / 2023 13:30	EC	2.1	44	0.2	2.2	291	0.2	1.5	15
03 / 01 / 2023 13:00	EC	2.5	52	0.2	2.5	347	0.2	1.9	7
03 / 01 / 2023 12:30	EC	4.0	21	0.2	2.4	58	0.2	2.0	344
03 / 01 / 2023 12:00	EC	5.4	22	0.2	2.8	60	0.2	3.5	345
03 / 01 / 2023 11:30	EC	6.5	26	0.2	3.5	17	0.2	3.6	5
03 / 01 / 2023 11:00	EC	6.7	14	0.2	2.9	39	0.2	3.6	355
03 / 01 / 2023 10:30	EC	5.6	31	0.5	3.2	33	0.2	3.1	33
03 / 01 / 2023 10:00	EC	8.1	35	0.7	4.0	24	0.2	4.1	22
03 / 01 / 2023 09:30	EC	9.2	33	0.6	3.1	38	0.2	3.5	26
03 / 01 / 2023 09:00	EC	10.6	24	0.2	3.3	45	0.2	3.8	19
03 / 01 / 2023 08:30	EC	8.2	15	0.2	3.5	31	0.7	3.2	344
03 / 01 / 2023 08:00	EC	6.5	13	0.9	1.5	46	1.4	1.2	328
03 / 01 / 2023 07:30	EC	5.1	32	0.7	1.3	66	1.5	1.2	349
03 / 01 / 2023 07:00	EC	2.6	35	0.2	1.1	47	1.5	0.5	347
03 / 01 / 2023 06:30	EC	2.0	52	0.5	1.2	45	1.9	0.8	13
03 / 01 / 2023 06:00	EC	1.1	136	0.5	1.3	64	2.5	0.7	345
03 / 01 / 2023 05:30	EC	1.1	215	0.2	0.7	76	0.5	0.6	303
03 / 01 / 2023 05:00	EC	1.4	215	0.2	0.6	75	0.6	0.4	254
03 / 01 / 2023 04:30	EC	1.8	187	0.2	0.9	185	1.1	0.4	64
03 / 01 / 2023 04:00	EC	1.0	205	0.2	0.8	57	0.4	0.5	25
03 / 01 / 2023 03:30	EC	1.5	197	0.2	0.2	26	0.2	0.2	90
03 / 01 / 2023 03:00	EC	1.7	200	0.2	0.2	153	0.8	0.5	119
03 / 01 / 2023 02:30	EC	1.5	178	0.9	0.7	59	0.9	0.5	2
03 / 01 / 2023 02:00	EC	1.8	190	0.2	0.4	194	1.3	0.2	226
03 / 01 / 2023 01:30	EC	1.5	197	0.2	0.3	22	AX	0.4	165
03 / 01 / 2023 01:00	EC	1.7	182	AX	0.4	143	0.7	0.5	130
03 / 01 / 2023 00:30	AX	2.1	198	0.2	0.3	213	0.8	0.3	291

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 / 01 / 2023 00:00	0.2	1.0	180	0.2	0.4	60	0.8	0.4	94
02 / 28 / 2023 23:30	0.2	1.7	187	0.2	0.4	101	3.6	0.3	61
02 / 28 / 2023 23:00	0.2	2.0	203	0.2	0.4	356	4.7	0.2	18
02 / 28 / 2023 22:30	0.2	1.4	160	0.2	0.4	61	3.3	0.2	337
02 / 28 / 2023 22:00	0.2	3.0	219	0.4	0.9	163	1.7	0.7	295
02 / 28 / 2023 21:30	0.2	2.3	202	0.2	0.6	183	1.1	0.5	208
02 / 28 / 2023 21:00	0.2	1.4	162	0.2	0.6	103	1.9	0.5	89
02 / 28 / 2023 20:30	0.2	1.9	194	0.2	0.3	242	6.9	0.4	276
02 / 28 / 2023 20:00	0.2	1.7	193	0.5	0.5	13	6.0	0.3	303
02 / 28 / 2023 19:30	0.2	2.3	185	0.8	0.3	141	5.1	0.3	279
02 / 28 / 2023 19:00	0.2	2.0	183	1.3	0.5	77	1.2	0.2	9
02 / 28 / 2023 18:30	0.2	2.0	187	2.4	0.8	124	0.2	0.3	211
02 / 28 / 2023 18:00	0.2	3.4	226	7.9	3.0	236	0.2	0.7	272
02 / 28 / 2023 17:30	0.2	5.1	232	2.8	4.7	246	0.2	1.2	265
02 / 28 / 2023 17:00	0.2	5.5	236	1.2	4.9	279	0.2	0.9	268
02 / 28 / 2023 16:30	0.2	5.4	284	0.6	4.9	277	0.2	1.5	306
02 / 28 / 2023 16:00	0.2	8.4	320	0.4	5.0	297	0.2	2.3	314
02 / 28 / 2023 15:30	0.2	7.5	295	0.2	7.0	312	0.2	2.4	305
02 / 28 / 2023 15:00	0.2	6.8	282	0.8	8.6	286	0.2	2.6	319
02 / 28 / 2023 14:30	0.2	8.9	304	1.2	8.9	266	0.2	2.9	269
02 / 28 / 2023 14:00	0.2	8.0	254	1.0	6.2	258	0.2	2.5	296
02 / 28 / 2023 13:30	0.2	6.2	276	0.9	7.8	264	0.2	2.4	279
02 / 28 / 2023 13:00	0.2	6.4	275	0.9	6.8	267	0.2	3.3	236
02 / 28 / 2023 12:30	0.2	8.0	253	1.0	6.6	245	0.2	2.7	250
02 / 28 / 2023 12:00	0.2	6.6	252	0.9	7.6	252	0.4	3.4	238
02 / 28 / 2023 11:30	0.2	6.9	278	0.9	6.5	260	0.2	2.8	256
02 / 28 / 2023 11:00	0.2	7.8	286	0.9	7.4	266	0.2	4.2	237
02 / 28 / 2023 10:30	0.2	7.3	272	1.0	7.9	278	0.2	2.4	257
02 / 28 / 2023 10:00	0.2	6.1	245	1.6	7.9	263	0.2	2.7	249
02 / 28 / 2023 09:30	0.2	4.7	227	4.2	6.0	255	0.2	2.0	231
02 / 28 / 2023 09:00	0.2	4.2	223	2.6	4.5	242	0.2	2.8	220
02 / 28 / 2023 08:30	0.2	3.1	211	0.9	3.2	219	0.4	2.7	215
02 / 28 / 2023 08:00	0.2	1.7	212	0.4	1.4	205	0.9	0.8	233
02 / 28 / 2023 07:30	0.2	2.1	202	0.9	0.6	117	0.2	0.5	123
02 / 28 / 2023 07:00	0.2	2.0	216	4.7	1.6	218	0.2	0.7	269
02 / 28 / 2023 06:30	0.2	3.6	234	7.6	1.5	240	0.2	0.8	245
02 / 28 / 2023 06:00	0.2	4.1	241	7.0	3.9	250	0.2	1.2	231
02 / 28 / 2023 05:30	0.2	6.6	242	5.4	6.2	266	0.2	1.9	244
02 / 28 / 2023 05:00	0.2	6.9	239	11.8	8.6	257	0.2	3.6	238
02 / 28 / 2023 04:30	0.2	7.1	242	8.1	7.8	259	0.2	3.4	236
02 / 28 / 2023 04:00	0.2	6.7	243	6.9	8.5	258	0.2	3.1	241
02 / 28 / 2023 03:30	0.2	7.5	243	12.0	7.0	256	0.2	3.5	239
02 / 28 / 2023 03:00	0.2	6.7	241	9.8	7.1	250	0.2	2.9	239
02 / 28 / 2023 02:30	0.2	7.3	237	7.4	8.1	247	0.5	3.3	237
02 / 28 / 2023 02:00	0.2	8.3	237	10.6	8.8	250	0.4	4.7	238
02 / 28 / 2023 01:30	0.2	8.6	239	8.6	8.7	246	AX	3.2	243
02 / 28 / 2023 01:00	0.2	8.3	233	AX	10.3	247	0.2	3.8	242
02 / 28 / 2023 00:30	AX	9.4	229	4.9	10.7	244	0.2	5.2	238

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
02 / 28 / 2023 00:00	0.2	12.6	225	4.4	12.6	245	0.6	5.6	237
02 / 27 / 2023 23:30	0.2	11.9	227	3.8	13.2	244	0.2	5.9	233
02 / 27 / 2023 23:00	0.2	11.5	226	3.9	13.5	246	0.5	7.1	232
02 / 27 / 2023 22:30	0.2	12.9	223	2.9	11.8	242	1.6	6.8	229
02 / 27 / 2023 22:00	0.2	12.9	224	3.0	13.7	242	0.8	7.8	228
02 / 27 / 2023 21:30	BC	12.9	220	2.5	13.7	243	1.9	6.8	232
02 / 27 / 2023 21:00	BC	12.0	205	0.2	11.4	227	6.1	6.5	216
02 / 27 / 2023 20:30	BC	11.1	204	0.2	10.3	225	5.7	5.7	214
02 / 27 / 2023 20:00	BC	9.9	203	0.2	8.3	223	5.5	5.9	210
02 / 27 / 2023 19:30	BC	10.9	201	0.2	8.9	221	5.2	6.2	205
02 / 27 / 2023 19:00	BC	9.2	206	0.2	8.2	224	4.7	6.3	212
02 / 27 / 2023 18:30	BC	10.9	194	0.2	8.7	220	4.9	6.2	206
02 / 27 / 2023 18:00	BC	12.3	195	0.2	8.4	220	5.0	7.0	202
02 / 27 / 2023 17:30	BC	11.0	198	0.2	9.1	223	6.0	5.4	205
02 / 27 / 2023 17:00	BC	9.3	198	0.2	6.5	218	5.1	4.8	204
02 / 27 / 2023 16:30	BC	8.1	189	0.2	5.7	213	1.7	4.5	193
02 / 27 / 2023 16:00	BC	8.4	191	0.2	6.3	211	1.0	4.3	189
02 / 27 / 2023 15:30	BC	9.3	184	0.2	5.3	206	0.2	3.4	175
02 / 27 / 2023 15:00	BC	4.5	176	0.2	2.4	191	0.2	1.5	164
02 / 27 / 2023 14:30	BC	6.1	163	0.2	3.1	180	0.2	2.6	155
02 / 27 / 2023 14:00	BC	7.9	162	0.2	5.5	205	0.2	4.3	178
02 / 27 / 2023 13:30	BC	6.3	169	0.2	4.3	203	0.5	3.7	172
02 / 27 / 2023 13:00	0.4	6.0	167	0.2	4.7	212	0.2	3.3	183
02 / 27 / 2023 12:30	0.5	5.2	157	0.2	4.9	202	0.2	4.0	190
02 / 27 / 2023 12:00	0.6	6.3	158	0.2	2.8	196	0.2	3.3	172
02 / 27 / 2023 11:30	0.4	4.7	180	0.2	2.2	167	0.2	2.3	186
02 / 27 / 2023 11:00	0.6	5.7	158	0.2	3.6	169	0.2	2.8	167
02 / 27 / 2023 10:30	3.0	5.8	155	0.2	2.7	140	0.2	3.4	142
02 / 27 / 2023 10:00	0.6	5.6	158	0.2	3.5	154	0.2	2.9	159
02 / 27 / 2023 09:30	0.6	5.6	144	0.2	3.3	132	0.2	2.5	140
02 / 27 / 2023 09:00	0.6	3.8	139	0.2	2.2	111	0.2	2.2	133
02 / 27 / 2023 08:30	0.5	4.3	134	0.2	2.1	128	0.2	1.8	135
02 / 27 / 2023 08:00	0.2	3.7	133	0.2	1.6	135	0.2	1.6	148
02 / 27 / 2023 07:30	0.2	3.3	111	0.2	1.4	97	0.2	1.3	116
02 / 27 / 2023 07:00	0.2	3.2	123	0.2	1.3	124	0.2	1.1	101
02 / 27 / 2023 06:30	0.2	3.3	123	0.2	1.2	112	0.2	1.2	101
02 / 27 / 2023 06:00	0.2	3.8	109	0.2	1.6	90	0.2	1.2	82
02 / 27 / 2023 05:30	0.2	2.7	101	0.2	1.5	88	0.2	1.8	69
02 / 27 / 2023 05:00	0.2	2.6	91	0.2	1.2	85	0.2	1.3	92
02 / 27 / 2023 04:30	0.2	2.2	82	0.2	0.7	74	0.2	1.1	53
02 / 27 / 2023 04:00	0.2	2.5	85	0.2	0.7	92	0.2	0.8	99
02 / 27 / 2023 03:30	0.2	3.7	64	0.2	1.0	72	0.2	2.0	50
02 / 27 / 2023 03:00	0.2	3.3	63	0.2	1.1	67	0.2	1.6	40
02 / 27 / 2023 02:30	0.6	1.1	106	0.2	0.7	99	0.2	0.5	6
02 / 27 / 2023 02:00	0.5	1.0	36	0.2	0.5	31	0.2	0.6	45
02 / 27 / 2023 01:30	0.4	1.0	173	0.2	0.8	160	AX	0.4	44
02 / 27 / 2023 01:00	0.6	1.0	201	AX	0.9	169	2.4	0.4	186
02 / 27 / 2023 00:30	AX	0.8	232	0.2	0.8	122	2.7	0.6	122

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
02 / 27 / 2023 00:00	0.5	0.9	226	0.8	1.4	229	2.6	1.3	191
02 / 26 / 2023 23:30	0.2	2.5	211	0.2	1.2	237	2.7	1.8	180
02 / 26 / 2023 23:00	0.2	1.6	211	0.2	1.8	214	3.1	2.4	187
02 / 26 / 2023 22:30	0.2	1.9	220	0.2	1.5	216	5.0	1.9	182
02 / 26 / 2023 22:00	0.2	3.6	199	0.2	2.4	209	7.7	1.9	186
02 / 26 / 2023 21:30	0.2	3.8	197	0.2	1.2	233	1.7	1.3	207
02 / 26 / 2023 21:00	0.2	1.5	170	0.2	1.3	161	0.2	1.0	161
02 / 26 / 2023 20:30	0.2	1.2	201	0.2	0.7	84	0.2	0.7	179
02 / 26 / 2023 20:00	0.2	3.1	191	0.2	1.2	245	0.2	0.9	177
02 / 26 / 2023 19:30	0.7	2.5	162	0.2	0.4	150	0.2	0.9	169
02 / 26 / 2023 19:00	1.1	1.8	164	0.2	0.5	157	0.2	0.7	180
02 / 26 / 2023 18:30	0.9	1.0	131	0.2	0.3	110	0.2	0.2	255
02 / 26 / 2023 18:00	4.4	2.4	72	0.2	0.7	43	0.2	0.5	300
02 / 26 / 2023 17:30	2.7	2.5	49	0.2	1.1	48	0.2	1.0	49
02 / 26 / 2023 17:00	1.8	0.9	210	0.2	0.8	107	0.2	0.8	75
02 / 26 / 2023 16:30	0.7	1.0	84	0.2	0.5	106	0.2	0.7	23
02 / 26 / 2023 16:00	0.2	0.5	290	1.7	0.6	71	0.6	0.6	39
02 / 26 / 2023 15:30	0.2	1.1	223	0.4	1.0	38	1.3	0.8	28
02 / 26 / 2023 15:00	0.2	1.6	164	0.7	2.4	207	1.8	0.6	340
02 / 26 / 2023 14:30	0.2	2.4	192	0.8	1.9	223	2.0	0.7	61
02 / 26 / 2023 14:00	0.2	3.1	205	0.2	2.8	221	0.6	1.7	198
02 / 26 / 2023 13:30	0.2	3.7	177	0.2	3.2	222	0.9	2.1	179
02 / 26 / 2023 13:00	0.2	3.8	210	0.2	2.0	212	1.0	2.3	195
02 / 26 / 2023 12:30	0.2	3.9	219	0.2	2.6	215	0.2	2.1	167
02 / 26 / 2023 12:00	0.2	1.8	172	0.2	2.4	212	0.2	1.4	185
02 / 26 / 2023 11:30	0.2	3.2	196	0.2	1.8	213	0.2	2.5	183
02 / 26 / 2023 11:00	0.2	2.9	164	0.2	2.2	221	0.2	1.6	154
02 / 26 / 2023 10:30	0.2	3.1	152	0.2	1.7	189	0.2	2.5	182
02 / 26 / 2023 10:00	0.2	3.6	146	0.2	1.7	169	0.2	1.9	155
02 / 26 / 2023 09:30	0.4	1.3	107	0.2	1.1	154	0.2	0.9	140
02 / 26 / 2023 09:00	0.4	1.6	135	0.2	1.3	158	0.2	1.1	124
02 / 26 / 2023 08:30	0.2	2.2	96	0.2	1.2	91	0.2	1.3	72
02 / 26 / 2023 08:00	0.2	2.0	125	0.2	0.9	114	0.2	1.5	81
02 / 26 / 2023 07:30	0.2	2.5	115	0.2	0.7	103	0.2	1.7	72
02 / 26 / 2023 07:00	0.7	1.8	106	0.2	1.1	75	0.2	1.3	39
02 / 26 / 2023 06:30	0.4	1.9	79	0.2	1.1	62	0.2	1.0	33
02 / 26 / 2023 06:00	0.2	1.8	99	0.2	1.3	78	0.2	1.7	51
02 / 26 / 2023 05:30	0.4	1.5	130	0.2	0.6	81	0.2	1.1	50
02 / 26 / 2023 05:00	0.7	0.8	273	0.2	0.6	89	0.2	0.7	111
02 / 26 / 2023 04:30	1.2	1.9	306	0.2	0.5	341	0.2	0.3	282
02 / 26 / 2023 04:00	1.6	1.8	304	0.2	1.0	10	0.2	0.5	9
02 / 26 / 2023 03:30	1.0	1.9	268	0.2	0.7	20	0.2	0.3	85
02 / 26 / 2023 03:00	0.6	2.3	285	0.2	2.3	323	0.4	0.4	303
02 / 26 / 2023 02:30	0.5	2.4	241	0.2	2.4	302	1.5	0.4	225
02 / 26 / 2023 02:00	0.5	1.3	202	1.1	2.5	311	BF	0.4	245
02 / 26 / 2023 01:30	1.3	1.4	195	BF	3.3	302	BF	0.3	276
02 / 26 / 2023 01:00	BF	1.8	174	BF	2.8	306	0.2	0.6	188
02 / 26 / 2023 00:30	BF	2.0	159	0.2	1.5	318	0.2	0.4	178

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
02 / 26 / 2023 00:00	0.5	1.4	161	0.2	1.4	352	0.2	0.3	143
02 / 25 / 2023 23:30	0.6	1.4	279	0.6	1.6	316	0.6	0.5	328
02 / 25 / 2023 23:00	0.2	3.9	208	0.2	2.7	220	2.4	1.1	248
02 / 25 / 2023 22:30	0.2	2.4	197	0.2	2.8	217	0.2	2.4	233
02 / 25 / 2023 22:00	0.2	1.9	195	0.4	1.3	257	0.2	0.6	251
02 / 25 / 2023 21:30	0.2	1.9	225	0.2	1.4	309	0.2	0.3	267
02 / 25 / 2023 21:00	0.2	1.9	202	0.2	2.4	229	0.2	0.9	291
02 / 25 / 2023 20:30	0.2	2.5	229	0.4	3.3	217	0.2	0.8	282
02 / 25 / 2023 20:00	0.2	2.6	223	1.9	3.5	233	0.7	1.7	248
02 / 25 / 2023 19:30	0.2	3.4	209	1.2	4.2	233	0.9	1.2	246
02 / 25 / 2023 19:00	0.2	3.4	209	0.4	4.1	222	0.2	1.4	244
02 / 25 / 2023 18:30	0.2	2.8	229	0.5	3.5	284	0.2	0.7	245
02 / 25 / 2023 18:00	0.2	2.6	249	0.2	3.7	303	0.2	0.7	270
02 / 25 / 2023 17:30	0.4	3.3	251	0.8	3.1	279	0.2	0.7	271
02 / 25 / 2023 17:00	0.4	2.8	254	1.1	3.2	262	0.2	0.9	270
02 / 25 / 2023 16:30	0.2	3.3	256	1.6	2.9	249	0.2	0.8	264
02 / 25 / 2023 16:00	0.4	2.3	230	1.9	2.6	241	0.2	1.0	318
02 / 25 / 2023 15:30	0.5	1.9	206	0.4	2.4	239	0.2	0.7	182
02 / 25 / 2023 15:00	0.6	2.0	303	0.2	2.3	319	0.2	0.8	306
02 / 25 / 2023 14:30	0.5	1.5	244	0.2	1.9	276	0.2	0.7	317
02 / 25 / 2023 14:00	0.6	2.4	253	0.8	2.7	233	0.5	1.0	242
02 / 25 / 2023 13:30	0.5	1.5	238	0.2	1.6	186	0.2	0.8	176
02 / 25 / 2023 13:00	0.6	1.1	334	0.2	1.2	70	0.4	1.5	84
02 / 25 / 2023 12:30	0.4	1.9	178	0.2	1.3	164	0.2	1.5	98
02 / 25 / 2023 12:00	0.4	2.6	105	0.2	1.6	102	0.2	2.1	85
02 / 25 / 2023 11:30	0.2	3.7	130	0.2	1.7	103	0.2	1.5	112
02 / 25 / 2023 11:00	0.2	4.1	84	0.2	2.6	103	0.2	3.3	64
02 / 25 / 2023 10:30	0.2	3.1	72	0.2	1.7	73	0.2	2.8	55
02 / 25 / 2023 10:00	0.2	3.1	74	0.2	1.5	81	0.2	2.1	59
02 / 25 / 2023 09:30	1.0	4.4	52	0.2	1.1	46	0.2	1.3	54
02 / 25 / 2023 09:00	0.5	5.2	42	0.2	1.6	38	0.2	2.0	25
02 / 25 / 2023 08:30	0.7	4.6	58	0.2	1.5	63	0.2	2.5	44
02 / 25 / 2023 08:00	2.3	7.2	31	0.2	1.5	22	0.2	1.7	4
02 / 25 / 2023 07:30	3.7	9.9	30	0.2	2.2	57	0.2	2.6	24
02 / 25 / 2023 07:00	2.6	8.5	18	0.2	2.8	31	0.2	3.7	355
02 / 25 / 2023 06:30	2.5	4.9	70	0.2	2.3	59	0.2	2.6	32
02 / 25 / 2023 06:00	4.4	11.2	21	0.2	3.9	30	0.2	3.2	6
02 / 25 / 2023 05:30	2.8	8.1	39	0.2	1.6	65	0.2	2.4	43
02 / 25 / 2023 05:00	4.3	10.0	13	0.2	2.4	31	0.2	2.9	353
02 / 25 / 2023 04:30	2.7	6.5	17	0.2	2.4	12	0.2	2.1	342
02 / 25 / 2023 04:00	0.8	3.6	51	0.2	1.5	34	0.2	1.2	333
02 / 25 / 2023 03:30	0.6	2.9	110	0.2	1.6	63	0.2	1.1	41
02 / 25 / 2023 03:00	0.6	2.6	192	0.2	2.3	357	0.2	1.1	290
02 / 25 / 2023 02:30	0.2	2.2	152	0.2	0.9	63	0.2	0.9	226
02 / 25 / 2023 02:00	0.2	3.2	129	0.2	1.2	111	0.2	1.3	156
02 / 25 / 2023 01:30	0.4	1.8	118	0.2	0.7	102	AX	0.9	103
02 / 25 / 2023 01:00	5.3	4.0	46	AX	0.7	57	0.2	0.9	314
02 / 25 / 2023 00:30	AX	2.0	67	0.2	1.0	25	0.2	0.4	281

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
02 / 25 / 2023 00:00	0.2	1.9	139	0.2	0.9	75	0.2	0.6	217
02 / 24 / 2023 23:30	0.2	3.8	106	0.2	1.4	93	0.2	1.2	69
02 / 24 / 2023 23:00	0.6	4.6	51	0.2	1.0	35	0.2	1.3	38
02 / 24 / 2023 22:30	3.1	6.9	37	0.2	1.1	80	0.2	2.2	11
02 / 24 / 2023 22:00	11.4	4.6	25	0.2	0.7	99	0.2	1.8	349
02 / 24 / 2023 21:30	10.6	6.5	20	0.2	1.4	77	0.2	3.0	345
02 / 24 / 2023 21:00	6.1	10.7	22	0.2	2.9	40	0.2	4.2	5
02 / 24 / 2023 20:30	2.4	13.9	33	0.2	3.6	59	0.2	5.0	25
02 / 24 / 2023 20:00	4.2	9.9	33	0.2	2.3	55	0.2	3.8	23
02 / 24 / 2023 19:30	1.7	9.6	39	0.2	3.0	65	0.2	4.2	28
02 / 24 / 2023 19:00	2.2	8.4	40	0.2	2.5	64	0.2	4.7	30
02 / 24 / 2023 18:30	7.2	8.3	36	0.2	2.5	62	0.2	3.7	30
02 / 24 / 2023 18:00	6.2	8.1	30	0.2	1.9	57	0.2	2.6	20
02 / 24 / 2023 17:30	3.0	13.4	24	0.2	3.1	52	0.2	4.8	20
02 / 24 / 2023 17:00	3.9	13.7	31	0.2	3.6	56	0.2	4.6	16
02 / 24 / 2023 16:30	3.6	12.0	30	0.2	4.3	43	0.2	3.9	26
02 / 24 / 2023 16:00	2.0	10.5	18	0.2	4.0	38	0.2	3.8	6
02 / 24 / 2023 15:30	1.1	7.5	25	0.2	3.1	45	0.2	4.1	8
02 / 24 / 2023 15:00	0.9	8.3	27	0.2	4.8	14	0.2	3.6	21
02 / 24 / 2023 14:30	1.0	9.4	3	0.2	3.8	46	0.2	3.3	344
02 / 24 / 2023 14:00	1.2	10.5	22	0.2	5.2	356	0.2	4.5	340
02 / 24 / 2023 13:30	1.5	13.1	20	0.2	6.1	9	0.2	5.5	358
02 / 24 / 2023 13:00	1.1	11.3	359	0.2	6.1	348	0.2	4.8	350
02 / 24 / 2023 12:30	1.3	12.7	8	0.2	7.2	349	0.2	5.6	350
02 / 24 / 2023 12:00	2.8	13.0	18	0.2	6.3	7	0.2	5.4	356
02 / 24 / 2023 11:30	1.8	15.4	11	0.2	7.1	29	0.2	7.0	354
02 / 24 / 2023 11:00	2.6	15.9	18	0.2	7.4	9	0.2	7.1	347
02 / 24 / 2023 10:30	3.0	14.5	7	0.2	6.9	14	0.2	7.2	354
02 / 24 / 2023 10:00	3.3	13.7	9	0.2	6.9	9	0.2	6.0	353
02 / 24 / 2023 09:30	3.2	13.2	13	0.2	5.6	10	0.2	6.0	353
02 / 24 / 2023 09:00	2.7	11.5	9	0.2	4.7	3	0.2	4.9	347
02 / 24 / 2023 08:30	1.5	7.5	323	0.2	3.4	328	0.2	2.1	338
02 / 24 / 2023 08:00	0.6	5.2	299	0.2	4.1	296	0.2	1.1	300
02 / 24 / 2023 07:30	1.7	4.5	320	0.2	3.2	312	0.2	0.7	266
02 / 24 / 2023 07:00	0.2	4.0	261	1.5	4.2	297	0.2	1.0	302
02 / 24 / 2023 06:30	0.2	6.0	239	5.2	4.0	258	0.2	1.7	241
02 / 24 / 2023 06:00	0.2	3.7	233	3.7	1.8	241	0.7	0.9	47
02 / 24 / 2023 05:30	0.2	4.0	227	0.4	2.3	204	5.1	1.7	197
02 / 24 / 2023 05:00	0.2	4.8	212	0.4	2.5	205	4.6	1.5	168
02 / 24 / 2023 04:30	0.2	6.6	207	0.2	2.6	216	8.2	1.2	161
02 / 24 / 2023 04:00	0.2	4.8	208	1.1	3.2	205	5.0	2.4	192
02 / 24 / 2023 03:30	0.2	4.9	221	1.0	2.9	222	3.2	2.1	218
02 / 24 / 2023 03:00	0.2	5.3	218	3.0	3.2	223	2.6	2.6	215
02 / 24 / 2023 02:30	0.4	6.3	214	0.2	2.8	225	7.1	1.9	198
02 / 24 / 2023 02:00	0.2	6.8	209	0.2	2.4	217	6.6	1.7	189
02 / 24 / 2023 01:30	0.4	5.4	210	0.4	2.7	202	AX	1.6	171
02 / 24 / 2023 01:00	0.4	5.8	215	AX	3.0	233	8.2	2.0	212
02 / 24 / 2023 00:30	AX	6.6	204	0.2	4.5	223	10.1	2.5	214

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