



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

January 20, 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
01 / 13 / 2023 00:00	01 / 19 / 2023 23:59	0.7	0.5	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.

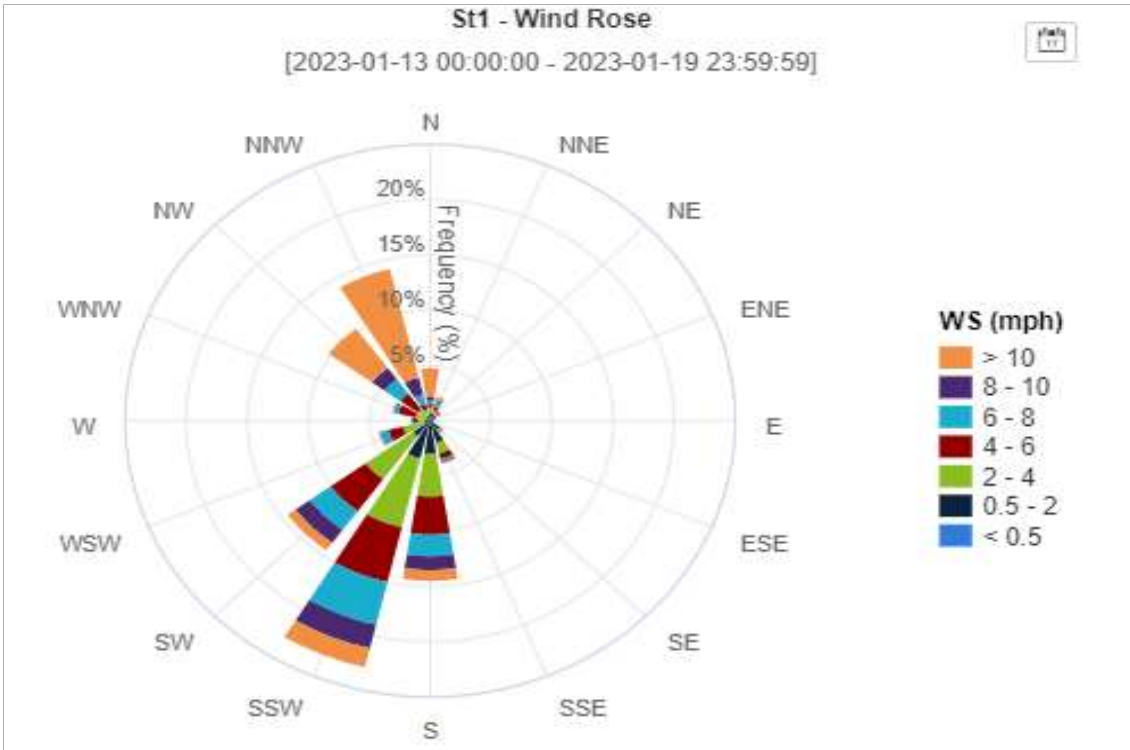
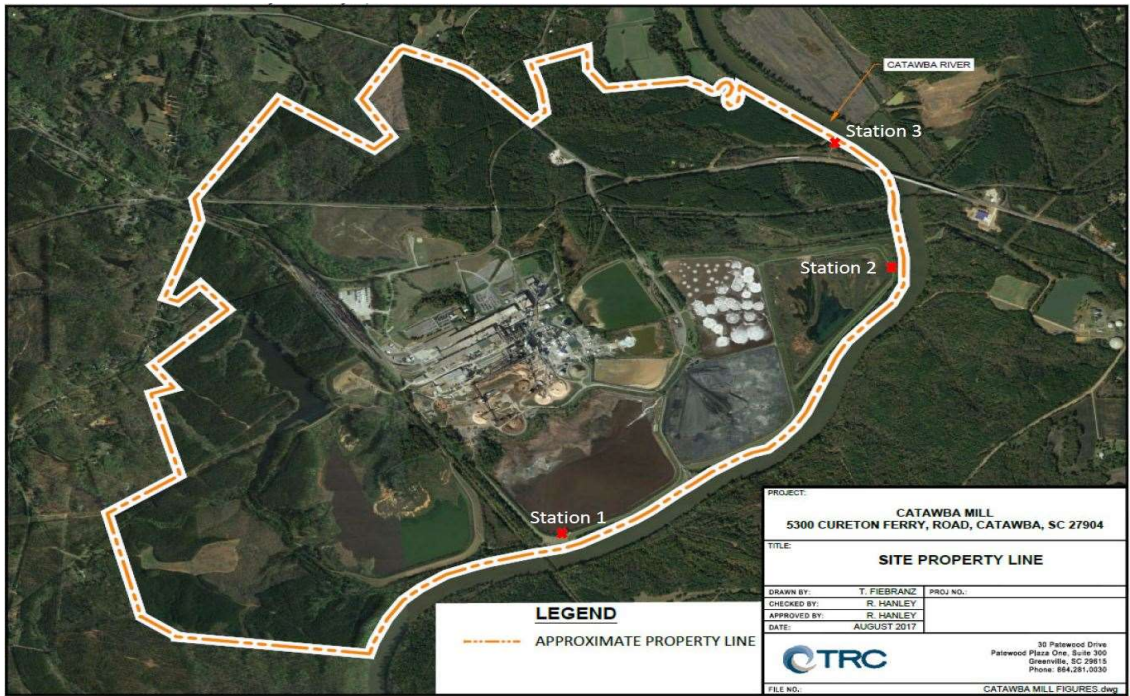
Pete Cleveland

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
01 / 07 / 2023 00:00	01 / 13 / 2023 23:59	1.4	0.4	0.6	01 / 13 / 2023	0.6	0.5	0.8
01 / 08 / 2023 00:00	01 / 14 / 2023 23:59	1.2	0.4	0.5	01 / 14 / 2023	0.6	0.2	0.2
01 / 09 / 2023 00:00	01 / 15 / 2023 23:59	1.1	0.4	0.5	01 / 15 / 2023	0.4	0.4	0.4
01 / 10 / 2023 00:00	01 / 16 / 2023 23:59	1.2	0.4	0.6	01 / 16 / 2023	2.3	0.4	0.8
01 / 11 / 2023 00:00	01 / 17 / 2023 23:59	0.9	0.4	1.0	01 / 17 / 2023	0.2	0.7	3.9
01 / 12 / 2023 00:00	01 / 18 / 2023 23:59	0.6	0.5	1.1	01 / 18 / 2023	0.2	1.1	1.2
01 / 13 / 2023 00:00	01 / 19 / 2023 23:59	0.7	0.5	1.4	01 / 19 / 2023	0.4	0.3	2.9

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
01 / 20 / 2023 00:00	0.2	7.7	230	1.1	9.1	247	0.2	4.1	240
01 / 19 / 2023 23:30	0.2	9.6	234	1.0	10.6	247	0.2	4.4	242
01 / 19 / 2023 23:00	0.2	8.9	229	0.8	9.7	244	0.2	4.8	238
01 / 19 / 2023 22:30	0.2	9.0	226	0.8	9.7	243	2.1	4.7	237
01 / 19 / 2023 22:00	0.2	8.5	217	0.5	8.4	238	5.9	3.9	237
01 / 19 / 2023 21:30	0.2	9.2	207	0.2	7.5	229	8.6	5.3	223
01 / 19 / 2023 21:00	0.2	7.4	207	0.2	7.1	225	8.4	5.7	217
01 / 19 / 2023 20:30	0.2	8.2	205	0.2	6.9	225	8.2	4.5	217
01 / 19 / 2023 20:00	0.2	8.8	207	0.2	6.6	228	8.9	4.4	218
01 / 19 / 2023 19:30	0.2	7.9	207	0.2	6.6	224	7.9	4.5	216
01 / 19 / 2023 19:00	0.2	7.1	203	0.2	6.5	226	7.0	4.6	221
01 / 19 / 2023 18:30	0.2	9.5	212	0.2	8.8	233	6.5	5.7	222
01 / 19 / 2023 18:00	0.2	11.4	216	0.2	10.9	235	5.2	6.8	222
01 / 19 / 2023 17:30	0.2	12.6	214	0.2	12.3	233	5.3	6.9	220
01 / 19 / 2023 17:00	0.2	12.8	212	0.2	11.1	234	4.6	6.9	220
01 / 19 / 2023 16:30	0.2	10.4	206	0.2	9.7	227	4.6	6.1	214
01 / 19 / 2023 16:00	0.2	9.4	190	0.2	7.5	214	3.8	5.0	201
01 / 19 / 2023 15:30	0.2	8.8	207	0.7	7.2	226	7.0	4.5	218
01 / 19 / 2023 15:00	0.4	6.3	214	1.8	5.2	234	5.9	3.2	223
01 / 19 / 2023 14:30	0.5	10.4	203	0.2	9.1	226	6.5	6.5	211
01 / 19 / 2023 14:00	0.4	13.7	192	0.2	11.0	220	3.7	7.4	201
01 / 19 / 2023 13:30	0.7	11.9	184	0.2	8.5	214	1.0	5.7	189
01 / 19 / 2023 13:00	1.5	9.4	190	0.2	7.5	217	0.7	6.0	183
01 / 19 / 2023 12:30	1.0	9.0	184	0.2	7.5	207	1.5	4.3	193
01 / 19 / 2023 12:00	0.6	9.6	194	0.2	6.9	215	4.0	5.4	200
01 / 19 / 2023 11:30	0.4	9.3	197	0.2	7.9	225	4.5	5.7	200
01 / 19 / 2023 11:00	0.8	9.8	189	0.2	7.2	214	2.9	5.5	196
01 / 19 / 2023 10:30	0.5	9.7	195	0.2	6.1	213	2.0	4.8	192
01 / 19 / 2023 10:00	0.2	8.8	183	0.2	6.3	210	0.2	5.0	182
01 / 19 / 2023 09:30	0.2	8.3	180	0.2	5.9	205	1.0	4.0	186
01 / 19 / 2023 09:00	0.2	8.2	193	0.2	5.2	216	1.8	4.4	192
01 / 19 / 2023 08:30	0.2	6.7	189	0.2	4.9	213	0.8	3.6	193
01 / 19 / 2023 08:00	0.2	8.8	170	0.2	4.7	188	0.2	2.6	174
01 / 19 / 2023 07:30	0.2	6.9	175	0.2	4.0	201	0.2	2.8	177
01 / 19 / 2023 07:00	0.2	7.3	176	0.2	3.9	195	0.2	3.2	170
01 / 19 / 2023 06:30	0.2	6.7	177	0.2	3.9	204	0.2	2.8	174
01 / 19 / 2023 06:00	0.2	6.6	177	0.2	3.8	203	0.2	2.5	168
01 / 19 / 2023 05:30	0.2	5.9	176	0.2	2.7	187	0.2	2.3	165
01 / 19 / 2023 05:00	0.2	4.2	181	0.2	2.8	201	0.2	1.9	169
01 / 19 / 2023 04:30	0.2	4.5	192	0.2	3.4	209	0.2	2.4	178
01 / 19 / 2023 04:00	0.2	5.1	182	0.2	3.9	215	0.2	3.2	199
01 / 19 / 2023 03:30	0.2	5.7	175	0.2	4.4	204	0.2	2.7	178
01 / 19 / 2023 03:00	0.2	6.1	175	0.2	3.5	205	0.2	2.6	194
01 / 19 / 2023 02:30	0.2	5.2	179	0.2	3.2	204	0.2	1.7	185
01 / 19 / 2023 02:00	0.4	3.8	189	0.2	0.8	289	0.2	0.6	107
01 / 19 / 2023 01:30	3.1	1.4	215	0.2	0.3	223	AX	0.3	112
01 / 19 / 2023 01:00	1.1	1.3	19	AX	0.4	338	0.2	0.4	321
01 / 19 / 2023 00:30	AX	1.1	355	0.2	0.7	36	0.2	0.3	34

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
01 / 19 / 2023 00:00	0.2	1.4	189	0.2	0.8	231	0.2	0.9	175
01 / 18 / 2023 23:30	0.4	2.2	156	0.2	0.9	123	0.2	0.6	114
01 / 18 / 2023 23:00	0.4	1.7	193	0.2	0.6	188	0.2	0.7	179
01 / 18 / 2023 22:30	0.7	1.9	162	0.2	1.0	120	1.4	0.5	151
01 / 18 / 2023 22:00	0.2	2.1	175	0.2	1.1	153	3.1	0.6	172
01 / 18 / 2023 21:30	0.5	1.7	200	0.4	1.4	111	3.6	0.4	77
01 / 18 / 2023 21:00	0.2	3.8	216	1.6	1.7	202	3.8	0.7	78
01 / 18 / 2023 20:30	0.2	4.4	200	4.2	1.2	186	1.9	0.9	151
01 / 18 / 2023 20:00	0.2	3.6	206	0.4	1.6	220	0.4	0.9	196
01 / 18 / 2023 19:30	0.2	2.5	184	0.2	0.7	201	0.2	0.6	223
01 / 18 / 2023 19:00	0.2	3.4	167	0.2	1.1	112	1.6	0.6	121
01 / 18 / 2023 18:30	0.2	4.0	184	0.2	1.6	168	5.9	0.7	176
01 / 18 / 2023 18:00	0.2	1.9	194	0.2	2.0	189	2.2	0.4	246
01 / 18 / 2023 17:30	0.2	4.2	194	0.2	3.3	220	6.1	1.4	248
01 / 18 / 2023 17:00	0.2	4.7	194	0.2	3.7	224	5.1	2.3	204
01 / 18 / 2023 16:30	0.2	5.2	183	0.2	3.8	231	0.5	1.7	172
01 / 18 / 2023 16:00	0.2	3.6	192	0.8	3.0	243	0.6	1.3	20
01 / 18 / 2023 15:30	0.2	2.1	315	0.6	1.4	263	0.8	1.2	4
01 / 18 / 2023 15:00	0.2	1.6	343	1.9	2.1	240	1.4	0.7	354
01 / 18 / 2023 14:30	0.2	2.6	312	0.4	2.7	247	1.6	1.4	152
01 / 18 / 2023 14:00	0.2	1.9	265	0.5	3.1	242	0.9	1.3	166
01 / 18 / 2023 13:30	0.2	1.4	283	0.6	2.7	246	1.2	1.2	351
01 / 18 / 2023 13:00	0.2	1.8	227	0.2	3.2	241	1.6	1.2	31
01 / 18 / 2023 12:30	0.2	2.6	211	0.2	3.1	228	2.1	1.1	239
01 / 18 / 2023 12:00	0.2	3.2	230	0.5	3.0	232	2.1	1.8	180
01 / 18 / 2023 11:30	0.2	3.4	218	0.2	4.1	233	1.0	1.7	211
01 / 18 / 2023 11:00	0.2	4.1	225	0.4	4.6	244	0.2	1.6	245
01 / 18 / 2023 10:30	0.2	4.2	238	0.4	4.5	235	1.9	1.4	235
01 / 18 / 2023 10:00	0.2	4.5	228	1.8	4.8	232	1.1	2.0	235
01 / 18 / 2023 09:30	0.2	4.3	235	1.1	4.4	234	0.2	1.5	249
01 / 18 / 2023 09:00	0.2	3.9	236	3.3	4.3	245	0.2	1.3	258
01 / 18 / 2023 08:30	0.2	2.3	239	3.0	3.5	248	0.2	1.2	260
01 / 18 / 2023 08:00	0.2	2.7	232	3.1	4.7	244	0.2	1.6	256
01 / 18 / 2023 07:30	0.2	3.9	211	2.5	4.5	236	0.2	1.7	247
01 / 18 / 2023 07:00	0.2	3.3	223	1.7	5.3	245	0.2	1.6	245
01 / 18 / 2023 06:30	0.2	4.3	229	0.8	3.8	234	0.2	1.0	263
01 / 18 / 2023 06:00	0.2	3.3	222	1.6	2.6	265	0.2	1.4	268
01 / 18 / 2023 05:30	0.2	3.5	232	1.5	4.4	242	0.2	2.0	235
01 / 18 / 2023 05:00	0.2	3.3	231	0.6	3.7	231	0.2	0.6	283
01 / 18 / 2023 04:30	0.2	3.5	226	0.6	3.1	230	0.2	2.0	240
01 / 18 / 2023 04:00	0.5	3.8	238	1.7	1.9	227	0.2	1.0	247
01 / 18 / 2023 03:30	0.2	2.3	224	1.5	3.1	234	0.2	1.9	253
01 / 18 / 2023 03:00	0.2	2.9	234	1.8	4.1	236	0.2	2.1	255
01 / 18 / 2023 02:30	0.2	3.0	218	1.6	3.2	235	0.2	1.2	253
01 / 18 / 2023 02:00	0.2	3.6	218	1.4	3.6	245	0.2	2.4	247
01 / 18 / 2023 01:30	0.2	3.0	227	0.7	3.3	243	AX	1.3	251
01 / 18 / 2023 01:00	0.2	2.6	239	AX	2.8	252	0.2	1.1	238
01 / 18 / 2023 00:30	AX	2.9	231	3.8	3.3	249	0.2	0.9	244

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
01 / 18 / 2023 00:00	0.2	3.2	244	1.4	2.8	251	0.2	0.9	273
01 / 17 / 2023 23:30	0.2	4.1	224	0.6	3.9	230	0.5	1.7	257
01 / 17 / 2023 23:00	0.2	4.7	216	0.6	4.1	229	2.1	1.8	222
01 / 17 / 2023 22:30	0.2	4.7	217	0.7	4.8	235	0.2	2.9	242
01 / 17 / 2023 22:00	0.2	4.5	219	0.7	5.3	233	0.2	3.5	238
01 / 17 / 2023 21:30	0.2	3.8	223	0.6	5.8	235	0.2	1.8	247
01 / 17 / 2023 21:00	0.2	4.2	225	0.7	4.9	233	0.2	2.7	235
01 / 17 / 2023 20:30	0.2	4.6	226	0.7	4.9	234	0.2	1.9	238
01 / 17 / 2023 20:00	0.2	5.8	219	0.7	5.1	233	0.2	3.2	232
01 / 17 / 2023 19:30	0.2	5.3	229	0.9	5.0	229	0.2	2.3	233
01 / 17 / 2023 19:00	0.2	6.2	222	1.0	4.6	233	2.0	2.2	231
01 / 17 / 2023 18:30	0.2	7.1	221	1.0	5.5	233	1.4	2.9	227
01 / 17 / 2023 18:00	0.2	6.7	219	1.1	7.4	238	1.9	3.7	231
01 / 17 / 2023 17:30	0.2	7.7	215	2.2	6.2	238	3.2	2.9	228
01 / 17 / 2023 17:00	0.2	6.2	218	2.8	5.8	238	1.8	2.6	236
01 / 17 / 2023 16:30	0.2	5.1	226	3.2	5.4	239	2.0	2.2	240
01 / 17 / 2023 16:00	0.2	7.1	213	0.5	5.5	232	5.3	3.5	217
01 / 17 / 2023 15:30	0.2	6.8	206	0.2	5.4	229	5.3	3.5	202
01 / 17 / 2023 15:00	0.2	6.2	205	0.2	4.9	226	5.2	2.9	195
01 / 17 / 2023 14:30	0.2	6.8	200	0.2	5.5	215	5.8	3.5	202
01 / 17 / 2023 14:00	0.2	4.4	209	0.5	4.0	228	3.6	2.7	198
01 / 17 / 2023 13:30	0.2	3.3	220	3.1	2.9	237	3.5	1.3	231
01 / 17 / 2023 13:00	0.2	2.4	207	0.2	2.2	224	5.1	1.4	232
01 / 17 / 2023 12:30	0.2	3.5	205	2.1	3.4	234	2.7	1.0	250
01 / 17 / 2023 12:00	0.2	4.8	200	0.2	1.9	206	8.3	1.5	210
01 / 17 / 2023 11:30	0.2	4.6	199	0.2	3.1	214	8.2	1.7	211
01 / 17 / 2023 11:00	0.2	6.7	191	0.2	4.4	213	3.6	3.1	187
01 / 17 / 2023 10:30	0.2	5.3	191	0.2	4.0	215	10.2	2.2	203
01 / 17 / 2023 10:00	0.2	4.5	197	0.2	4.1	220	8.7	2.7	207
01 / 17 / 2023 09:30	0.2	4.1	192	0.2	3.2	215	0.8	2.0	189
01 / 17 / 2023 09:00	0.2	4.6	184	0.2	3.2	211	1.1	1.9	186
01 / 17 / 2023 08:30	0.2	4.2	188	0.2	3.3	213	4.3	1.9	194
01 / 17 / 2023 08:00	0.2	4.3	190	0.2	2.8	214	4.1	1.9	206
01 / 17 / 2023 07:30	0.2	4.2	190	0.2	2.8	203	1.5	2.0	184
01 / 17 / 2023 07:00	0.2	4.3	195	0.2	3.3	208	3.8	2.1	182
01 / 17 / 2023 06:30	0.2	4.7	203	0.2	3.5	228	7.1	2.5	214
01 / 17 / 2023 06:00	0.2	5.2	194	0.2	3.3	218	5.1	1.5	190
01 / 17 / 2023 05:30	0.2	4.6	201	0.6	3.4	227	7.5	2.0	194
01 / 17 / 2023 05:00	0.2	6.2	203	0.7	4.2	226	8.1	2.0	193
01 / 17 / 2023 04:30	0.2	6.7	212	1.1	4.5	232	8.0	2.1	205
01 / 17 / 2023 04:00	0.2	6.8	211	0.9	3.9	236	6.6	1.0	219
01 / 17 / 2023 03:30	0.2	5.7	201	0.2	3.7	222	5.5	1.4	202
01 / 17 / 2023 03:00	0.2	6.1	204	0.4	4.2	225	7.6	2.2	211
01 / 17 / 2023 02:30	0.2	6.3	206	0.4	4.0	225	6.6	2.6	202
01 / 17 / 2023 02:00	0.2	6.4	206	0.2	3.9	224	5.4	3.2	213
01 / 17 / 2023 01:30	0.2	5.7	204	0.2	3.1	216	AX	2.6	189
01 / 17 / 2023 01:00	0.2	5.2	198	AX	1.9	213	1.1	1.2	184
01 / 17 / 2023 00:30	AX	3.0	208	0.2	2.2	140	3.1	1.2	165

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
01 / 17 / 2023 00:00	0.2	4.6	208	1.4	1.3	73	2.0	1.0	167
01 / 16 / 2023 23:30	0.2	4.9	202	3.0	1.1	225	0.9	0.8	180
01 / 16 / 2023 23:00	0.2	2.9	187	1.3	0.6	198	0.6	0.7	160
01 / 16 / 2023 22:30	0.2	2.1	181	0.5	0.6	43	0.9	0.4	148
01 / 16 / 2023 22:00	0.2	3.1	205	1.9	0.9	7	1.6	0.3	8
01 / 16 / 2023 21:30	0.2	2.6	184	0.9	0.6	224	2.0	0.5	156
01 / 16 / 2023 21:00	0.2	2.1	202	1.4	0.6	26	1.5	0.5	165
01 / 16 / 2023 20:30	0.2	2.8	217	0.2	0.7	239	0.6	0.4	201
01 / 16 / 2023 20:00	0.2	2.3	205	0.2	0.5	208	0.2	0.8	176
01 / 16 / 2023 19:30	0.2	1.5	201	0.2	0.4	85	0.2	0.2	113
01 / 16 / 2023 19:00	0.2	1.7	200	0.2	0.7	84	1.5	0.3	113
01 / 16 / 2023 18:30	0.2	2.3	194	0.2	0.5	125	3.6	0.2	198
01 / 16 / 2023 18:00	0.2	2.0	210	0.2	0.8	57	5.1	0.4	258
01 / 16 / 2023 17:30	0.2	3.1	191	0.2	1.7	189	3.6	0.7	224
01 / 16 / 2023 17:00	0.2	3.7	191	0.2	2.7	207	2.9	1.0	195
01 / 16 / 2023 16:30	0.2	3.6	190	0.2	2.1	208	0.2	0.8	213
01 / 16 / 2023 16:00	0.2	3.6	161	0.2	1.7	155	0.2	1.5	145
01 / 16 / 2023 15:30	0.2	3.8	172	0.2	2.4	200	0.5	1.8	168
01 / 16 / 2023 15:00	0.2	4.6	181	0.2	3.6	214	0.5	2.5	180
01 / 16 / 2023 14:30	0.2	5.0	191	0.2	4.4	233	1.0	2.7	184
01 / 16 / 2023 14:00	0.2	3.6	184	0.2	4.0	238	0.4	2.8	179
01 / 16 / 2023 13:30	0.2	3.3	202	0.2	4.4	248	0.4	2.8	175
01 / 16 / 2023 13:00	0.2	2.7	189	0.2	2.5	228	0.4	2.4	112
01 / 16 / 2023 12:30	0.2	2.6	162	0.2	2.4	130	0.2	1.8	112
01 / 16 / 2023 12:00	0.5	2.0	355	0.2	2.2	137	0.2	1.7	117
01 / 16 / 2023 11:30	2.6	1.3	345	0.2	1.9	116	0.2	2.2	146
01 / 16 / 2023 11:00	9.0	1.7	354	0.2	1.1	274	0.2	0.8	60
01 / 16 / 2023 10:30	22.1	1.5	12	0.2	0.8	6	0.2	1.3	4
01 / 16 / 2023 10:00	16.9	1.1	36	0.2	0.7	30	0.2	0.9	0
01 / 16 / 2023 09:30	9.4	0.7	272	0.4	1.1	15	0.2	0.9	346
01 / 16 / 2023 09:00	5.0	0.6	250	0.2	0.7	338	0.5	0.5	303
01 / 16 / 2023 08:30	2.4	1.0	47	0.2	1.0	29	0.2	0.7	353
01 / 16 / 2023 08:00	2.8	0.8	138	0.2	0.6	38	0.2	0.4	14
01 / 16 / 2023 07:30	2.8	0.7	142	0.2	0.7	36	0.2	0.4	7
01 / 16 / 2023 07:00	2.9	1.1	174	0.2	0.5	31	0.2	0.2	5
01 / 16 / 2023 06:30	2.9	1.3	199	0.2	1.1	20	0.5	0.3	24
01 / 16 / 2023 06:00	3.2	1.3	161	0.2	0.8	56	0.5	0.5	39
01 / 16 / 2023 05:30	3.1	1.7	214	0.2	1.0	13	0.4	0.4	304
01 / 16 / 2023 05:00	3.0	1.4	158	0.2	0.8	321	0.5	0.3	252
01 / 16 / 2023 04:30	3.7	3.8	58	0.2	1.3	42	0.5	0.6	65
01 / 16 / 2023 04:00	2.5	1.8	137	0.2	1.8	49	0.5	0.9	8
01 / 16 / 2023 03:30	1.9	1.5	187	0.2	0.7	360	0.6	0.4	358
01 / 16 / 2023 03:00	2.1	1.4	170	0.2	0.7	31	0.6	0.2	45
01 / 16 / 2023 02:30	0.9	2.1	199	0.2	0.4	344	0.2	0.3	307
01 / 16 / 2023 02:00	0.7	1.4	190	0.2	0.7	6	0.2	0.6	16
01 / 16 / 2023 01:30	0.5	1.1	152	0.2	0.6	25	AX	0.4	0
01 / 16 / 2023 01:00	0.6	1.5	195	AX	0.8	4	0.2	0.3	308
01 / 16 / 2023 00:30	AX	1.1	197	0.2	0.5	2	0.5	0.3	284

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
01 / 16 / 2023 00:00	0.2	1.3	183	0.2	0.7	5	0.7	0.3	14
01 / 15 / 2023 23:30	0.2	1.2	186	0.2	0.8	29	0.8	0.3	336
01 / 15 / 2023 23:00	0.2	1.4	181	0.2	0.7	24	0.9	0.3	333
01 / 15 / 2023 22:30	0.2	1.2	177	0.2	0.6	17	0.7	0.3	339
01 / 15 / 2023 22:00	0.2	1.6	182	0.2	0.4	35	0.6	0.2	272
01 / 15 / 2023 21:30	0.2	1.3	197	0.2	0.7	33	0.2	0.3	46
01 / 15 / 2023 21:00	0.2	1.2	164	0.2	0.5	40	1.8	0.4	32
01 / 15 / 2023 20:30	0.2	1.5	197	0.4	0.3	353	1.7	0.2	255
01 / 15 / 2023 20:00	0.2	1.3	191	0.2	0.3	45	2.3	0.3	286
01 / 15 / 2023 19:30	0.2	1.4	205	0.2	0.9	57	1.9	0.4	208
01 / 15 / 2023 19:00	0.2	2.0	194	0.2	0.3	131	0.5	0.3	229
01 / 15 / 2023 18:30	0.2	3.0	205	0.2	0.4	228	0.2	0.5	236
01 / 15 / 2023 18:00	0.2	2.9	204	0.2	0.4	216	0.2	0.2	242
01 / 15 / 2023 17:30	0.2	1.5	118	0.2	0.6	55	0.2	0.7	192
01 / 15 / 2023 17:00	0.2	3.7	351	0.2	1.7	30	0.2	1.3	346
01 / 15 / 2023 16:30	0.2	6.2	317	0.2	3.3	4	0.2	2.2	358
01 / 15 / 2023 16:00	0.2	4.1	333	0.2	3.5	341	0.2	2.3	329
01 / 15 / 2023 15:30	0.2	7.7	339	0.2	3.9	351	0.2	2.1	329
01 / 15 / 2023 15:00	0.2	8.1	327	0.2	4.1	314	0.2	1.8	329
01 / 15 / 2023 14:30	0.2	7.7	339	0.2	4.5	314	0.2	2.3	329
01 / 15 / 2023 14:00	0.2	6.8	308	0.2	3.8	310	0.2	2.1	336
01 / 15 / 2023 13:30	0.2	7.1	333	0.2	3.4	8	0.2	2.4	352
01 / 15 / 2023 13:00	0.4	5.1	345	0.2	4.1	11	0.2	3.7	0
01 / 15 / 2023 12:30	0.2	5.8	334	0.2	3.4	5	0.2	3.3	354
01 / 15 / 2023 12:00	0.2	6.8	342	0.2	2.9	8	0.2	2.5	349
01 / 15 / 2023 11:30	0.8	4.1	15	0.2	3.2	3	0.2	3.0	358
01 / 15 / 2023 11:00	0.2	4.6	12	0.2	2.3	21	0.2	2.1	1
01 / 15 / 2023 10:30	0.8	3.1	11	0.2	2.2	47	0.2	2.1	15
01 / 15 / 2023 10:00	0.2	2.2	252	0.2	1.2	12	0.2	2.3	5
01 / 15 / 2023 09:30	0.2	1.4	148	1.6	0.7	35	0.2	1.3	40
01 / 15 / 2023 09:00	0.2	1.9	176	2.6	1.4	211	0.2	1.2	173
01 / 15 / 2023 08:30	0.2	3.0	186	2.9	1.8	231	0.2	0.9	179
01 / 15 / 2023 08:00	0.2	3.2	207	0.4	0.3	290	0.2	0.3	291
01 / 15 / 2023 07:30	0.2	4.0	225	0.2	0.7	336	0.2	0.4	294
01 / 15 / 2023 07:00	0.2	3.2	203	0.2	1.2	52	0.2	0.6	317
01 / 15 / 2023 06:30	0.2	3.3	242	0.2	0.6	41	0.2	0.4	294
01 / 15 / 2023 06:00	0.2	3.5	281	0.2	0.6	275	0.2	0.8	229
01 / 15 / 2023 05:30	0.2	2.0	267	0.2	0.4	350	0.2	0.4	337
01 / 15 / 2023 05:00	0.2	3.5	287	0.2	1.5	270	0.2	0.9	243
01 / 15 / 2023 04:30	1.2	2.2	341	0.2	0.8	6	0.2	1.6	337
01 / 15 / 2023 04:00	0.6	7.0	20	0.2	1.1	33	0.2	2.8	351
01 / 15 / 2023 03:30	1.0	5.0	339	0.2	1.4	357	0.2	1.5	357
01 / 15 / 2023 03:00	0.2	6.1	317	0.2	2.0	347	0.2	0.5	358
01 / 15 / 2023 02:30	2.2	5.7	356	0.2	1.5	31	0.6	2.7	355
01 / 15 / 2023 02:00	1.8	5.9	4	1.3	1.7	47	BF	1.8	17
01 / 15 / 2023 01:30	1.2	3.9	305	BF	1.0	25	BF	0.3	79
01 / 15 / 2023 01:00	BF	4.5	294	BF	1.2	319	0.2	0.6	182
01 / 15 / 2023 00:30	BF	3.8	283	0.2	1.3	289	0.2	0.9	220

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
01 / 15 / 2023 00:00	0.4	4.5	314	0.2	1.6	336	0.2	0.6	164
01 / 14 / 2023 23:30	0.2	5.1	302	0.2	1.3	265	0.2	0.7	187
01 / 14 / 2023 23:00	0.4	4.6	316	0.2	1.5	263	0.2	0.5	210
01 / 14 / 2023 22:30	0.2	4.9	308	0.2	1.5	295	0.2	0.5	202
01 / 14 / 2023 22:00	0.2	6.0	302	0.2	3.6	291	0.2	1.1	263
01 / 14 / 2023 21:30	0.5	6.6	307	0.2	2.9	311	0.2	0.5	217
01 / 14 / 2023 21:00	1.0	7.8	315	0.2	3.4	306	0.2	1.1	259
01 / 14 / 2023 20:30	1.1	9.3	341	0.2	3.8	350	0.2	3.7	341
01 / 14 / 2023 20:00	1.0	10.2	359	0.2	4.6	7	0.2	4.2	351
01 / 14 / 2023 19:30	0.2	11.0	335	0.2	5.4	344	0.2	4.4	339
01 / 14 / 2023 19:00	0.4	11.5	319	0.2	5.5	306	0.2	1.4	292
01 / 14 / 2023 18:30	0.2	11.2	329	0.2	4.5	325	0.2	2.0	308
01 / 14 / 2023 18:00	0.2	12.2	337	0.2	5.8	339	0.2	4.5	334
01 / 14 / 2023 17:30	0.2	13.3	338	0.2	6.3	337	0.2	3.9	333
01 / 14 / 2023 17:00	0.2	12.7	334	0.2	6.8	330	0.2	3.7	327
01 / 14 / 2023 16:30	0.2	15.8	326	0.2	8.9	311	0.2	2.4	317
01 / 14 / 2023 16:00	0.2	12.9	326	0.2	8.7	304	0.2	2.3	310
01 / 14 / 2023 15:30	0.4	14.0	327	0.2	6.4	331	0.2	5.0	329
01 / 14 / 2023 15:00	0.2	13.6	329	0.2	7.2	321	0.2	4.2	329
01 / 14 / 2023 14:30	0.2	14.4	320	0.2	7.7	311	0.2	2.9	321
01 / 14 / 2023 14:00	0.2	11.7	335	0.2	7.5	347	0.2	5.4	338
01 / 14 / 2023 13:30	0.5	15.9	349	0.2	8.3	310	0.2	4.1	324
01 / 14 / 2023 13:00	0.4	14.9	354	0.2	7.0	337	0.2	5.1	343
01 / 14 / 2023 12:30	0.2	16.6	334	0.2	7.8	329	0.2	5.1	338
01 / 14 / 2023 12:00	0.2	16.1	338	0.2	8.6	346	0.2	5.7	341
01 / 14 / 2023 11:30	0.2	15.8	337	0.2	9.2	324	0.2	4.1	323
01 / 14 / 2023 11:00	0.5	15.1	334	0.2	6.9	354	0.2	6.2	347
01 / 14 / 2023 10:30	0.2	15.6	333	0.2	7.3	341	0.2	6.0	337
01 / 14 / 2023 10:00	0.5	16.7	333	0.2	8.4	338	0.2	6.2	336
01 / 14 / 2023 09:30	0.2	13.6	336	0.2	4.6	340	0.2	4.4	337
01 / 14 / 2023 09:00	0.8	9.3	327	0.2	5.2	327	0.2	3.0	327
01 / 14 / 2023 08:30	1.4	7.5	323	0.2	2.8	340	0.2	3.0	335
01 / 14 / 2023 08:00	1.7	7.4	323	0.2	2.9	334	0.2	1.9	334
01 / 14 / 2023 07:30	1.3	7.8	323	0.2	3.3	327	0.2	2.0	320
01 / 14 / 2023 07:00	1.1	8.0	327	0.2	5.1	331	0.2	3.3	331
01 / 14 / 2023 06:30	0.8	11.5	332	0.2	5.0	330	0.2	3.5	330
01 / 14 / 2023 06:00	0.7	12.2	332	0.2	5.7	327	0.2	4.2	331
01 / 14 / 2023 05:30	0.9	13.9	328	0.2	7.2	327	0.2	3.6	332
01 / 14 / 2023 05:00	0.8	13.3	329	0.2	6.5	319	0.2	3.2	327
01 / 14 / 2023 04:30	0.7	14.3	329	0.2	7.2	327	0.2	3.5	319
01 / 14 / 2023 04:00	0.7	15.5	331	0.2	7.9	325	0.2	5.3	328
01 / 14 / 2023 03:30	0.9	16.3	333	0.2	8.4	329	0.2	5.6	329
01 / 14 / 2023 03:00	0.7	15.4	333	0.2	7.1	330	0.2	4.1	331
01 / 14 / 2023 02:30	0.9	14.6	338	0.2	6.9	346	0.2	6.0	339
01 / 14 / 2023 02:00	0.8	13.7	334	0.2	5.1	331	0.2	4.3	332
01 / 14 / 2023 01:30	1.4	10.0	325	0.2	4.7	334	AX	4.0	333
01 / 14 / 2023 01:00	1.3	10.6	326	AX	6.1	345	0.2	5.8	339
01 / 14 / 2023 00:30	AX	10.9	332	0.2	6.4	352	0.2	6.6	340

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
01 / 14 / 2023 00:00	0.7	11.4	330	0.2	5.4	340	0.2	3.8	333
01 / 13 / 2023 23:30	1.5	9.2	343	0.2	6.6	352	0.2	5.7	337
01 / 13 / 2023 23:00	0.8	12.4	333	0.2	5.6	346	0.2	6.0	340
01 / 13 / 2023 22:30	0.4	13.1	331	0.2	6.2	331	0.2	3.1	324
01 / 13 / 2023 22:00	0.6	14.2	331	0.2	6.3	336	0.2	4.0	334
01 / 13 / 2023 21:30	0.7	12.5	338	0.2	5.4	336	0.2	3.7	332
01 / 13 / 2023 21:00	1.2	13.8	346	0.2	6.5	353	0.2	6.2	344
01 / 13 / 2023 20:30	1.0	13.2	346	0.2	6.9	350	0.2	5.3	342
01 / 13 / 2023 20:00	0.9	12.6	336	0.2	5.5	342	0.2	5.0	335
01 / 13 / 2023 19:30	1.1	10.6	345	0.2	6.4	352	0.2	6.3	344
01 / 13 / 2023 19:00	0.7	12.7	334	0.2	4.9	355	0.2	5.3	342
01 / 13 / 2023 18:30	0.2	12.6	335	0.2	4.6	336	0.2	3.8	332
01 / 13 / 2023 18:00	0.5	11.9	330	0.2	5.0	331	0.2	3.3	327
01 / 13 / 2023 17:30	0.8	11.7	332	0.2	6.0	336	0.2	4.5	336
01 / 13 / 2023 17:00	1.0	15.4	347	0.2	6.0	350	0.2	5.9	339
01 / 13 / 2023 16:30	0.5	12.3	329	0.2	5.1	338	0.2	4.2	335
01 / 13 / 2023 16:00	0.4	12.6	331	0.2	4.4	339	0.2	3.5	338
01 / 13 / 2023 15:30	0.5	12.5	328	0.2	6.1	346	0.2	4.7	342
01 / 13 / 2023 15:00	0.9	11.4	340	0.2	5.3	323	0.2	3.0	331
01 / 13 / 2023 14:30	0.4	12.1	332	0.2	6.1	342	0.2	5.0	335
01 / 13 / 2023 14:00	0.8	12.7	335	0.2	6.7	318	0.2	3.7	333
01 / 13 / 2023 13:30	0.4	14.7	327	0.2	7.2	329	0.2	3.5	328
01 / 13 / 2023 13:00	0.5	16.3	322	0.2	8.2	333	0.2	4.2	329
01 / 13 / 2023 12:30	0.5	14.1	337	0.2	7.3	349	0.2	5.5	340
01 / 13 / 2023 12:00	1.0	13.4	357	0.2	6.9	0	0.2	7.1	350
01 / 13 / 2023 11:30	0.9	15.3	349	0.2	7.7	346	0.2	6.2	339
01 / 13 / 2023 11:00	1.1	14.8	350	0.2	7.7	346	0.2	7.8	339
01 / 13 / 2023 10:30	1.2	15.5	346	0.2	6.8	350	0.2	6.0	340
01 / 13 / 2023 10:00	1.1	14.6	344	0.2	5.3	352	0.2	4.5	341
01 / 13 / 2023 09:30	0.6	10.3	337	0.2	4.3	333	0.2	3.1	339
01 / 13 / 2023 09:00	0.4	4.6	305	0.5	2.3	326	0.2	1.0	299
01 / 13 / 2023 08:30	0.2	3.0	232	0.7	1.2	246	0.2	0.6	153
01 / 13 / 2023 08:00	0.2	4.4	288	0.2	1.6	274	0.2	0.7	223
01 / 13 / 2023 07:30	0.4	5.9	306	0.2	1.7	314	0.2	0.3	276
01 / 13 / 2023 07:00	0.2	5.1	296	0.2	3.3	286	0.2	0.6	264
01 / 13 / 2023 06:30	0.2	4.1	287	0.5	3.6	285	0.2	0.7	258
01 / 13 / 2023 06:00	0.2	5.0	255	5.0	4.8	276	0.2	0.9	252
01 / 13 / 2023 05:30	0.2	5.6	242	5.7	6.5	264	0.2	2.0	240
01 / 13 / 2023 05:00	0.2	5.8	234	2.0	7.2	246	0.2	3.0	244
01 / 13 / 2023 04:30	0.2	6.1	239	1.4	7.8	251	0.2	4.2	237
01 / 13 / 2023 04:00	0.2	6.3	232	0.2	7.3	242	0.2	3.6	239
01 / 13 / 2023 03:30	0.2	8.5	222	0.5	7.4	242	2.4	2.9	247
01 / 13 / 2023 03:00	0.2	8.0	210	0.4	7.0	230	6.8	4.4	217
01 / 13 / 2023 02:30	0.2	7.5	206	0.2	6.4	226	6.8	4.0	218
01 / 13 / 2023 02:00	0.2	8.4	203	0.4	7.4	224	4.3	5.6	213
01 / 13 / 2023 01:30	0.2	7.8	203	0.2	6.6	215	AX	3.9	224
01 / 13 / 2023 01:00	0.2	8.1	214	AX	7.4	223	5.8	4.1	216
01 / 13 / 2023 00:30	AX	7.9	192	0.2	5.6	213	1.0	3.6	203

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