



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

February 17, 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 / 10 / 2023 00:00	02 / 16 / 2023 23:59	1.1	0.8	1.2

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

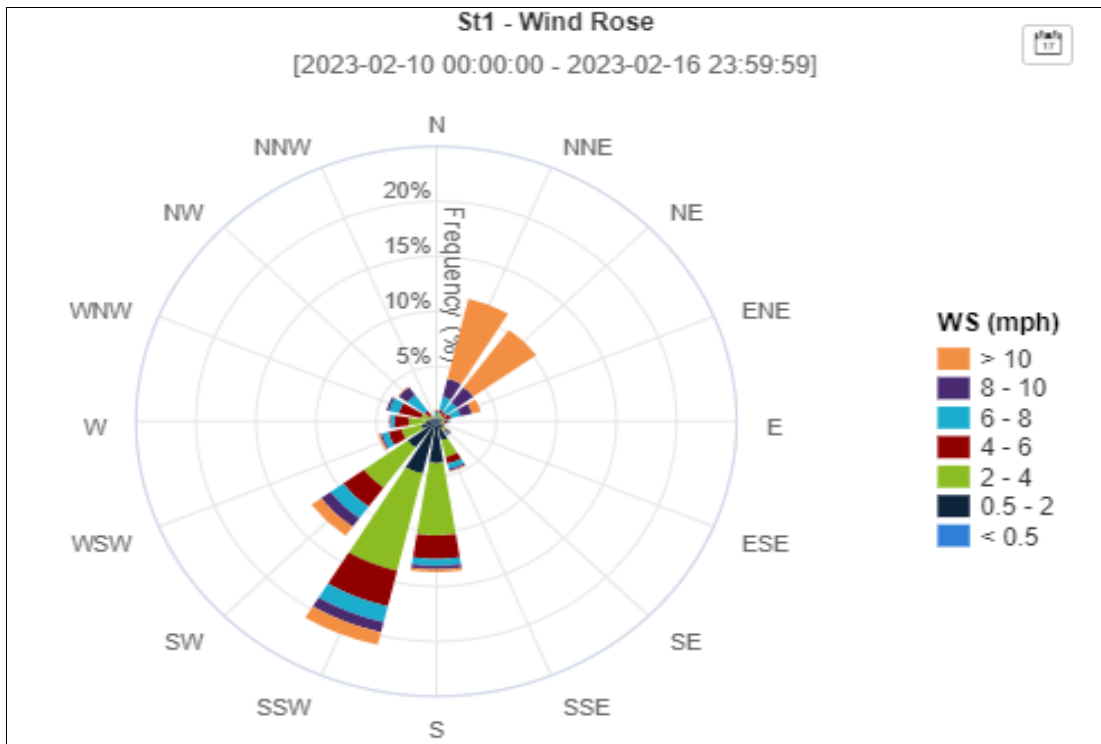
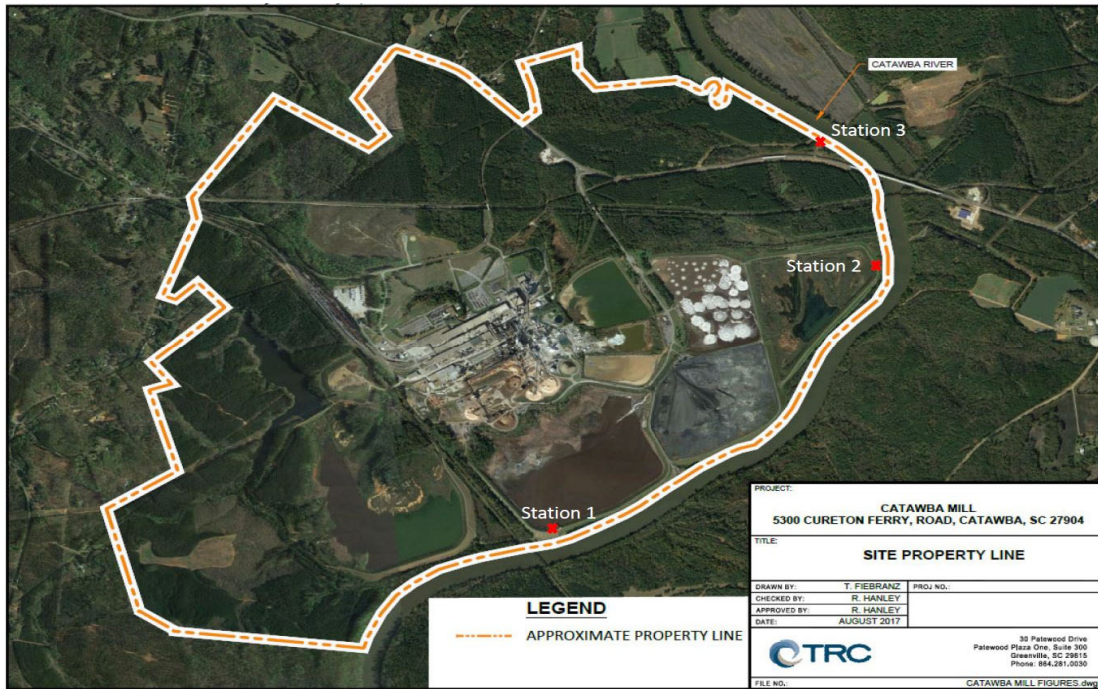
Technical Manager

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 / 04 / 2023 00:00	02 / 10 / 2023 23:59	0.7	0.9	1.9	02 / 10 / 2023	0.5	1.2	2.0
02 / 05 / 2023 00:00	02 / 11 / 2023 23:59	0.9	0.9	1.9	02 / 11 / 2023	1.6	0.2	0.2
02 / 06 / 2023 00:00	02 / 12 / 2023 23:59	1.0	0.6	1.7	02 / 12 / 2023	1.1	0.2	0.2
02 / 07 / 2023 00:00	02 / 13 / 2023 23:59	1.0	0.7	1.7	02 / 13 / 2023	0.4	1.2	0.9
02 / 08 / 2023 00:00	02 / 14 / 2023 23:59	1.0	0.8	1.8	02 / 14 / 2023	3.2	1.2	1.8
02 / 09 / 2023 00:00	02 / 15 / 2023 23:59	1.0	0.9	1.6	02 / 15 / 2023	0.2	1.4	1.1
02 / 10 / 2023 00:00	02 / 16 / 2023 23:59	1.1	0.8	1.2	02 / 16 / 2023	0.4	0.3	1.9

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
02 / 17 / 2023 00:00	0.2	3.3	186	0.2	2.0	210	1.0	1.0	192
02 / 16 / 2023 23:30	0.2	3.7	184	0.2	2.1	207	1.4	1.2	223
02 / 16 / 2023 23:00	0.2	3.9	188	0.2	2.3	197	0.5	0.8	265
02 / 16 / 2023 22:30	0.2	3.6	187	0.2	1.7	200	1.3	0.5	329
02 / 16 / 2023 22:00	0.2	3.3	190	0.6	0.7	293	2.9	0.5	330
02 / 16 / 2023 21:30	0.2	2.9	195	0.2	1.0	224	2.0	0.8	327
02 / 16 / 2023 21:00	0.2	3.0	181	0.2	0.5	275	0.2	0.7	66
02 / 16 / 2023 20:30	0.2	2.3	201	0.2	0.6	231	0.2	0.5	191
02 / 16 / 2023 20:00	0.2	1.4	188	0.2	0.3	248	0.5	0.3	168
02 / 16 / 2023 19:30	0.2	1.8	180	0.2	1.0	198	1.3	0.4	174
02 / 16 / 2023 19:00	0.2	2.0	185	0.2	1.4	196	2.9	0.5	189
02 / 16 / 2023 18:30	0.2	3.7	184	0.2	2.4	192	5.1	1.5	182
02 / 16 / 2023 18:00	0.2	6.3	210	0.2	6.0	225	6.3	3.9	209
02 / 16 / 2023 17:30	0.2	7.7	206	0.2	7.4	227	3.9	4.5	216
02 / 16 / 2023 17:00	0.2	9.4	214	0.2	10.0	232	3.3	6.3	223
02 / 16 / 2023 16:30	0.5	10.1	209	0.2	8.6	234	4.9	5.4	220
02 / 16 / 2023 16:00	0.6	10.1	203	0.2	8.0	229	4.8	5.1	207
02 / 16 / 2023 15:30	0.5	10.2	196	0.2	8.6	227	3.7	5.5	213
02 / 16 / 2023 15:00	0.4	12.7	205	0.2	11.0	229	3.7	6.3	215
02 / 16 / 2023 14:30	0.4	10.9	219	0.2	9.5	235	3.9	5.9	216
02 / 16 / 2023 14:00	0.7	10.2	206	0.2	9.8	230	4.3	5.3	206
02 / 16 / 2023 13:30	0.9	9.4	208	0.2	8.7	226	3.4	6.0	207
02 / 16 / 2023 13:00	1.2	9.0	208	0.2	8.0	226	4.0	5.4	207
02 / 16 / 2023 12:30	0.6	8.9	211	0.2	9.1	237	4.0	5.3	211
02 / 16 / 2023 12:00	0.4	10.5	220	0.5	8.9	235	0.2	3.7	227
02 / 16 / 2023 11:30	0.5	8.1	229	0.8	7.8	238	1.6	4.2	238
02 / 16 / 2023 11:00	0.5	5.2	216	0.7	5.4	238	3.0	3.6	215
02 / 16 / 2023 10:30	0.5	4.1	208	0.2	5.0	222	2.5	3.1	194
02 / 16 / 2023 10:00	0.4	3.5	202	0.2	3.9	213	1.0	2.6	190
02 / 16 / 2023 09:30	0.2	3.9	190	0.2	4.0	219	2.5	2.8	192
02 / 16 / 2023 09:00	0.2	3.5	204	0.9	2.1	248	1.1	1.1	221
02 / 16 / 2023 08:30	0.2	2.4	207	0.8	1.2	249	0.9	0.6	172
02 / 16 / 2023 08:00	0.2	1.9	233	0.2	0.3	173	2.5	0.6	172
02 / 16 / 2023 07:30	0.2	1.8	219	0.2	0.3	106	0.9	0.7	169
02 / 16 / 2023 07:00	0.2	2.2	222	0.2	0.3	71	0.5	0.3	165
02 / 16 / 2023 06:30	0.2	2.0	204	0.2	0.4	316	0.7	0.4	161
02 / 16 / 2023 06:00	0.2	1.4	215	0.2	0.2	167	0.6	0.5	96
02 / 16 / 2023 05:30	0.6	0.6	242	0.2	0.5	50	0.7	0.3	48
02 / 16 / 2023 05:00	0.7	0.9	183	0.4	0.7	56	0.7	0.3	17
02 / 16 / 2023 04:30	0.4	0.9	213	0.6	0.4	108	0.5	0.4	336
02 / 16 / 2023 04:00	0.2	3.4	65	1.4	0.4	244	0.9	1.2	219
02 / 16 / 2023 03:30	0.5	1.8	182	0.6	0.6	266	0.2	0.7	209
02 / 16 / 2023 03:00	1.2	2.1	177	0.2	1.0	122	0.2	0.7	172
02 / 16 / 2023 02:30	0.7	1.1	187	0.2	0.8	47	0.2	0.8	341
02 / 16 / 2023 02:00	0.4	1.0	225	0.2	0.9	50	0.5	0.4	357
02 / 16 / 2023 01:30	0.8	1.8	198	0.2	0.5	77	AX	0.4	69
02 / 16 / 2023 01:00	0.8	1.8	209	AX	0.7	71	0.2	0.4	276
02 / 16 / 2023 00:30	AX	2.0	238	0.2	0.9	21	0.2	0.6	301

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 / 16 / 2023 00:00	0.2	2.3	188	0.2	0.5	208	0.2	0.3	40
02 / 15 / 2023 23:30	0.2	2.0	186	0.2	0.7	84	0.2	0.3	5
02 / 15 / 2023 23:00	0.6	1.8	216	0.2	0.5	35	0.2	0.5	314
02 / 15 / 2023 22:30	0.2	1.1	151	0.2	0.8	49	0.2	0.3	12
02 / 15 / 2023 22:00	0.2	1.3	299	0.6	1.3	54	0.4	0.6	322
02 / 15 / 2023 21:30	0.2	1.6	212	0.2	0.5	28	0.6	0.4	338
02 / 15 / 2023 21:00	0.2	2.5	185	0.6	0.5	205	0.6	0.7	175
02 / 15 / 2023 20:30	0.2	2.2	193	0.9	0.4	128	0.2	0.3	260
02 / 15 / 2023 20:00	0.8	1.4	203	1.1	0.5	337	0.2	0.3	92
02 / 15 / 2023 19:30	0.2	2.2	198	1.1	0.7	60	0.4	0.3	29
02 / 15 / 2023 19:00	0.2	1.9	209	1.7	0.6	106	0.5	0.4	208
02 / 15 / 2023 18:30	0.4	1.8	190	5.4	0.5	81	0.4	0.4	211
02 / 15 / 2023 18:00	0.2	2.2	223	5.2	1.6	241	0.2	0.4	271
02 / 15 / 2023 17:30	0.2	2.8	248	2.1	2.0	262	0.2	0.3	228
02 / 15 / 2023 17:00	0.2	3.0	269	0.8	2.9	282	0.2	0.5	278
02 / 15 / 2023 16:30	0.2	3.3	270	6.1	3.3	269	0.2	0.7	284
02 / 15 / 2023 16:00	0.2	4.8	245	6.3	5.6	250	0.5	2.1	243
02 / 15 / 2023 15:30	0.2	8.0	226	1.9	9.0	242	2.5	4.3	225
02 / 15 / 2023 15:00	0.2	9.2	214	0.2	8.3	230	3.1	4.8	212
02 / 15 / 2023 14:30	0.2	9.9	207	0.2	8.6	230	1.9	5.3	217
02 / 15 / 2023 14:00	0.2	8.7	216	0.2	7.1	226	2.6	4.6	217
02 / 15 / 2023 13:30	0.2	8.2	194	0.2	6.8	223	2.1	5.3	211
02 / 15 / 2023 13:00	0.2	7.8	200	0.2	5.7	225	1.5	3.6	196
02 / 15 / 2023 12:30	0.2	5.8	204	0.2	6.3	219	0.9	5.0	196
02 / 15 / 2023 12:00	0.2	6.0	208	0.6	8.0	236	1.8	4.5	214
02 / 15 / 2023 11:30	0.2	6.5	210	0.2	6.1	236	0.8	3.9	186
02 / 15 / 2023 11:00	0.5	5.3	192	0.2	5.1	228	1.9	3.0	170
02 / 15 / 2023 10:30	0.4	4.5	205	0.2	4.0	225	2.0	2.3	177
02 / 15 / 2023 10:00	0.2	5.1	205	1.2	4.7	234	3.0	2.2	185
02 / 15 / 2023 09:30	0.2	5.1	218	4.1	4.1	230	3.4	3.2	199
02 / 15 / 2023 09:00	0.5	2.3	259	1.6	1.8	265	3.8	1.5	223
02 / 15 / 2023 08:30	0.2	3.4	188	0.4	0.7	243	2.9	1.1	161
02 / 15 / 2023 08:00	0.2	3.8	191	2.5	1.5	219	3.8	0.9	154
02 / 15 / 2023 07:30	0.2	2.9	200	6.6	2.0	219	1.8	0.6	166
02 / 15 / 2023 07:00	0.2	3.2	198	9.2	1.5	248	1.3	0.8	134
02 / 15 / 2023 06:30	0.2	3.5	196	1.4	2.3	239	0.6	1.2	169
02 / 15 / 2023 06:00	0.2	3.1	182	0.2	1.6	232	0.2	0.8	152
02 / 15 / 2023 05:30	0.2	2.0	186	0.2	0.7	192	0.2	0.4	100
02 / 15 / 2023 05:00	0.2	1.2	215	0.2	0.9	169	0.2	0.7	38
02 / 15 / 2023 04:30	0.2	2.2	199	0.2	1.5	199	0.2	0.6	102
02 / 15 / 2023 04:00	0.2	2.6	204	0.8	1.7	216	0.2	0.6	78
02 / 15 / 2023 03:30	0.2	2.6	204	0.5	0.8	51	0.2	0.6	23
02 / 15 / 2023 03:00	0.2	3.5	194	0.2	1.1	284	0.2	1.0	199
02 / 15 / 2023 02:30	0.2	1.8	199	0.2	0.5	77	0.2	0.5	30
02 / 15 / 2023 02:00	0.2	1.7	196	0.2	0.6	45	0.2	0.5	27
02 / 15 / 2023 01:30	0.2	1.7	171	0.2	1.0	53	AX	0.7	50
02 / 15 / 2023 01:00	0.2	1.6	217	AX	1.2	40	0.5	1.2	339
02 / 15 / 2023 00:30	AX	3.4	185	0.2	1.3	169	0.4	1.0	329

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 / 15 / 2023 00:00	0.2	4.6	167	0.2	0.8	116	0.7	0.7	97
02 / 14 / 2023 23:30	0.2	2.8	181	0.6	1.5	46	1.5	0.9	350
02 / 14 / 2023 23:00	0.2	3.8	174	0.2	0.6	49	0.9	0.5	346
02 / 14 / 2023 22:30	0.2	5.2	169	0.2	1.2	109	0.2	0.8	33
02 / 14 / 2023 22:00	0.2	3.3	190	0.2	0.4	51	0.7	0.5	339
02 / 14 / 2023 21:30	0.2	2.1	214	0.2	0.4	64	0.6	0.5	350
02 / 14 / 2023 21:00	0.2	2.5	216	0.2	0.2	275	0.9	0.2	264
02 / 14 / 2023 20:30	0.2	2.2	210	0.2	0.3	90	0.7	0.2	263
02 / 14 / 2023 20:00	0.2	2.3	210	0.2	0.2	251	0.7	0.2	227
02 / 14 / 2023 19:30	0.2	2.0	190	0.2	0.2	213	0.4	0.3	170
02 / 14 / 2023 19:00	0.2	2.8	195	0.2	0.4	117	0.5	0.3	145
02 / 14 / 2023 18:30	0.2	2.9	179	0.2	0.5	95	1.1	0.3	177
02 / 14 / 2023 18:00	0.2	3.7	180	0.2	1.9	200	0.5	1.1	191
02 / 14 / 2023 17:30	0.2	4.4	177	0.2	2.6	203	0.2	2.2	178
02 / 14 / 2023 17:00	0.2	6.7	162	0.2	3.6	192	0.2	3.3	176
02 / 14 / 2023 16:30	0.2	6.9	159	0.2	2.7	149	0.2	2.8	151
02 / 14 / 2023 16:00	0.2	5.8	165	0.2	3.0	147	0.2	3.2	152
02 / 14 / 2023 15:30	0.2	8.8	157	0.2	3.1	140	0.2	2.9	158
02 / 14 / 2023 15:00	0.2	5.7	134	0.2	2.4	141	0.2	3.2	139
02 / 14 / 2023 14:30	0.2	6.3	151	0.2	3.6	136	0.2	2.3	96
02 / 14 / 2023 14:00	0.2	4.7	165	0.2	2.6	143	0.2	2.9	161
02 / 14 / 2023 13:30	0.2	5.2	145	0.2	2.7	135	0.2	3.1	142
02 / 14 / 2023 13:00	0.2	4.7	146	0.2	2.5	145	0.2	3.3	113
02 / 14 / 2023 12:30	0.2	3.6	82	0.2	2.9	139	0.2	2.6	121
02 / 14 / 2023 12:00	0.2	3.5	91	0.2	3.3	91	0.2	2.1	86
02 / 14 / 2023 11:30	0.7	3.4	51	0.2	2.4	90	0.2	3.1	78
02 / 14 / 2023 11:00	1.8	2.7	19	0.5	1.4	51	0.2	1.8	63
02 / 14 / 2023 10:30	2.5	2.5	30	0.7	1.1	51	0.6	1.0	9
02 / 14 / 2023 10:00	19.7	2.3	36	1.3	1.2	41	0.9	1.1	5
02 / 14 / 2023 09:30	14.1	0.8	29	1.9	0.4	107	0.9	0.6	359
02 / 14 / 2023 09:00	15.5	0.8	334	2.2	0.6	53	0.8	0.8	15
02 / 14 / 2023 08:30	18.5	0.9	53	2.1	1.0	35	0.9	0.5	25
02 / 14 / 2023 08:00	10.9	1.3	186	2.9	0.6	53	1.9	0.4	32
02 / 14 / 2023 07:30	10.7	1.0	109	6.7	0.7	45	4.4	0.7	3
02 / 14 / 2023 07:00	8.3	2.0	193	7.7	1.3	43	5.5	0.7	55
02 / 14 / 2023 06:30	4.8	0.9	211	6.2	1.1	64	1.3	0.8	356
02 / 14 / 2023 06:00	5.6	1.6	189	1.9	0.6	45	2.1	0.2	312
02 / 14 / 2023 05:30	4.5	1.6	187	0.9	0.9	8	3.9	0.5	313
02 / 14 / 2023 05:00	3.8	1.1	196	0.9	0.8	46	4.5	0.7	358
02 / 14 / 2023 04:30	3.8	1.5	181	1.6	0.7	23	3.7	0.3	333
02 / 14 / 2023 04:00	2.1	1.2	160	1.3	0.7	55	5.5	0.5	7
02 / 14 / 2023 03:30	3.0	1.4	178	2.7	0.9	31	7.1	0.7	37
02 / 14 / 2023 03:00	2.1	1.2	164	2.2	1.0	51	9.2	0.7	340
02 / 14 / 2023 02:30	2.3	1.4	203	2.3	0.6	50	9.2	0.4	142
02 / 14 / 2023 02:00	3.4	1.7	179	1.0	1.1	52	5.3	0.5	13
02 / 14 / 2023 01:30	3.1	2.2	222	0.8	0.9	60	AX	0.6	225
02 / 14 / 2023 01:00	2.9	2.2	201	AX	0.8	133	1.7	0.7	191
02 / 14 / 2023 00:30	AX	1.8	140	0.5	1.1	44	2.1	1.2	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
02 / 14 / 2023 00:00	1.1	1.6	197	0.5	1.2	55	1.9	0.6	4
02 / 13 / 2023 23:30	0.2	1.8	186	0.6	0.5	349	1.7	0.5	297
02 / 13 / 2023 23:00	0.2	0.9	151	0.6	0.6	58	1.9	0.7	123
02 / 13 / 2023 22:30	0.2	2.4	183	0.6	1.3	35	2.3	0.7	333
02 / 13 / 2023 22:00	0.2	1.4	200	0.8	0.9	74	3.0	0.4	340
02 / 13 / 2023 21:30	0.2	1.5	195	0.4	0.7	358	2.7	0.5	304
02 / 13 / 2023 21:00	0.2	1.9	189	0.2	0.4	165	1.8	0.5	331
02 / 13 / 2023 20:30	0.2	2.3	195	0.2	0.7	85	1.5	0.5	30
02 / 13 / 2023 20:00	0.2	2.6	197	0.4	1.0	198	1.6	1.0	261
02 / 13 / 2023 19:30	0.2	2.5	202	0.4	1.0	218	1.3	1.5	225
02 / 13 / 2023 19:00	0.2	2.5	197	1.2	0.5	245	0.2	0.5	208
02 / 13 / 2023 18:30	0.2	2.3	180	2.7	0.7	160	0.4	0.5	227
02 / 13 / 2023 18:00	0.2	3.1	223	6.3	2.7	239	0.2	0.6	261
02 / 13 / 2023 17:30	0.2	4.5	240	6.2	4.9	252	0.2	1.6	264
02 / 13 / 2023 17:00	0.2	5.8	236	3.5	7.4	251	0.2	3.4	242
02 / 13 / 2023 16:30	0.2	6.5	248	2.4	7.7	248	0.2	3.0	250
02 / 13 / 2023 16:00	0.2	7.5	225	0.7	7.4	253	0.2	3.0	245
02 / 13 / 2023 15:30	0.2	6.7	216	0.5	6.9	241	0.6	4.6	223
02 / 13 / 2023 15:00	0.2	7.8	217	0.2	6.8	234	0.9	4.3	203
02 / 13 / 2023 14:30	0.2	6.8	216	0.2	6.2	233	0.8	4.2	198
02 / 13 / 2023 14:00	0.2	5.8	221	0.6	6.2	240	0.4	3.2	227
02 / 13 / 2023 13:30	0.2	6.5	240	0.4	6.0	243	0.2	2.0	268
02 / 13 / 2023 13:00	0.2	4.6	256	1.4	5.6	251	0.2	2.4	251
02 / 13 / 2023 12:30	0.2	6.2	236	1.0	6.4	269	0.2	2.3	252
02 / 13 / 2023 12:00	0.2	5.9	227	0.7	7.1	270	0.2	3.4	231
02 / 13 / 2023 11:30	0.6	5.6	262	0.6	6.7	276	0.2	2.3	252
02 / 13 / 2023 11:00	0.4	5.1	271	0.8	6.5	284	0.2	1.8	282
02 / 13 / 2023 10:30	0.2	2.8	262	2.3	5.0	258	0.4	1.2	253
02 / 13 / 2023 10:00	0.2	3.8	219	2.4	3.7	235	1.0	2.5	208
02 / 13 / 2023 09:30	0.2	3.6	209	4.4	3.7	217	2.7	1.7	202
02 / 13 / 2023 09:00	0.2	3.3	204	3.1	2.5	204	2.9	1.0	126
02 / 13 / 2023 08:30	0.2	2.1	181	1.9	0.6	101	1.4	0.6	57
02 / 13 / 2023 08:00	0.2	2.4	196	0.9	0.4	350	1.2	0.2	104
02 / 13 / 2023 07:30	0.2	2.8	161	1.1	0.9	53	0.7	0.3	92
02 / 13 / 2023 07:00	0.2	1.7	181	1.0	1.0	49	2.9	0.7	340
02 / 13 / 2023 06:30	0.2	2.8	199	0.6	0.6	101	4.1	0.6	213
02 / 13 / 2023 06:00	0.2	2.8	199	1.0	1.7	208	1.1	0.5	33
02 / 13 / 2023 05:30	0.2	4.3	203	1.2	1.2	134	0.2	1.0	187
02 / 13 / 2023 05:00	0.2	3.2	230	0.2	0.9	262	0.4	0.5	170
02 / 13 / 2023 04:30	0.2	4.0	228	0.2	1.0	312	0.2	0.4	305
02 / 13 / 2023 04:00	1.8	5.7	296	0.2	1.3	352	0.4	0.3	327
02 / 13 / 2023 03:30	1.2	5.9	297	0.2	1.5	306	0.2	0.2	120
02 / 13 / 2023 03:00	2.1	6.2	302	0.2	1.0	340	0.4	0.2	220
02 / 13 / 2023 02:30	1.1	5.0	296	0.2	1.4	297	0.2	0.3	87
02 / 13 / 2023 02:00	0.2	5.0	287	0.2	1.6	274	0.2	0.6	201
02 / 13 / 2023 01:30	1.0	5.0	297	0.2	2.0	273	AX	0.3	215
02 / 13 / 2023 01:00	0.2	5.2	283	AX	1.7	288	0.2	0.4	193
02 / 13 / 2023 00:30	AX	7.3	316	0.2	2.8	326	0.2	1.0	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
02 / 13 / 2023 00:00	1.0	7.8	310	0.2	3.4	310	0.2	0.7	247
02 / 12 / 2023 23:30	0.5	6.0	300	0.2	2.8	286	0.2	0.5	247
02 / 12 / 2023 23:00	0.4	5.6	297	0.2	2.8	292	0.2	0.5	250
02 / 12 / 2023 22:30	0.2	5.2	288	0.2	4.1	282	0.2	0.9	278
02 / 12 / 2023 22:00	0.2	6.1	263	0.2	4.7	286	0.2	0.6	259
02 / 12 / 2023 21:30	0.2	4.5	253	0.2	4.0	282	0.2	0.7	234
02 / 12 / 2023 21:00	0.2	3.9	277	0.2	2.8	280	0.2	0.4	273
02 / 12 / 2023 20:30	0.2	3.9	290	0.2	3.6	282	0.2	0.6	258
02 / 12 / 2023 20:00	0.2	4.6	288	0.2	3.5	287	0.2	0.5	266
02 / 12 / 2023 19:30	0.2	7.2	307	0.2	2.8	311	0.2	0.6	270
02 / 12 / 2023 19:00	0.2	7.6	313	0.2	3.8	310	0.2	1.1	272
02 / 12 / 2023 18:30	0.2	7.7	313	0.2	3.3	309	0.2	1.0	291
02 / 12 / 2023 18:00	0.2	8.2	320	0.2	3.8	321	0.2	1.8	316
02 / 12 / 2023 17:30	0.2	8.7	325	0.2	4.2	324	0.2	1.6	319
02 / 12 / 2023 17:00	0.2	7.1	316	0.2	5.0	310	0.2	1.1	306
02 / 12 / 2023 16:30	0.2	7.6	313	0.2	5.3	310	0.2	1.0	291
02 / 12 / 2023 16:00	0.2	7.3	310	0.2	3.8	307	0.2	0.8	308
02 / 12 / 2023 15:30	0.2	8.4	313	0.2	3.5	309	0.2	1.0	314
02 / 12 / 2023 15:00	0.8	7.3	6	0.2	2.8	333	0.2	1.8	326
02 / 12 / 2023 14:30	1.0	7.3	8	0.2	3.0	350	0.2	2.4	339
02 / 12 / 2023 14:00	1.8	5.7	17	0.2	2.2	34	0.2	2.5	1
02 / 12 / 2023 13:30	2.2	7.0	12	0.2	2.8	26	0.2	2.7	359
02 / 12 / 2023 13:00	2.7	7.8	17	0.2	2.3	30	0.2	2.6	0
02 / 12 / 2023 12:30	1.3	9.5	31	0.2	2.5	44	0.2	2.7	20
02 / 12 / 2023 12:00	1.7	10.4	31	0.2	2.9	34	0.2	3.4	19
02 / 12 / 2023 11:30	0.7	10.6	37	0.2	2.6	59	0.2	3.2	29
02 / 12 / 2023 11:00	1.0	10.9	35	0.2	2.9	61	0.2	4.0	27
02 / 12 / 2023 10:30	1.1	11.3	32	0.2	2.7	54	0.2	4.4	24
02 / 12 / 2023 10:00	0.8	12.3	33	0.2	3.3	50	0.2	4.5	21
02 / 12 / 2023 09:30	0.2	10.6	45	0.2	2.8	65	0.2	4.0	31
02 / 12 / 2023 09:00	0.5	12.1	38	0.2	2.1	81	0.2	4.0	26
02 / 12 / 2023 08:30	0.5	11.2	36	0.2	3.3	54	0.2	3.8	25
02 / 12 / 2023 08:00	0.6	12.3	40	0.2	3.7	59	0.2	5.0	32
02 / 12 / 2023 07:30	1.2	17.3	37	0.2	4.6	61	0.2	6.6	31
02 / 12 / 2023 07:00	2.2	19.1	29	0.2	5.5	52	0.2	6.7	16
02 / 12 / 2023 06:30	2.3	20.3	26	0.2	5.6	49	0.2	6.8	16
02 / 12 / 2023 06:00	2.7	19.7	25	0.2	5.1	46	0.2	6.6	13
02 / 12 / 2023 05:30	1.4	18.3	33	0.2	5.2	50	0.2	6.1	17
02 / 12 / 2023 05:00	2.0	19.2	28	0.2	5.1	55	0.2	6.7	19
02 / 12 / 2023 04:30	2.1	20.5	27	0.2	4.9	56	0.2	7.2	19
02 / 12 / 2023 04:00	2.3	18.1	28	0.2	5.5	54	0.2	6.1	21
02 / 12 / 2023 03:30	2.5	21.0	25	0.2	5.8	42	0.2	7.6	10
02 / 12 / 2023 03:00	2.0	18.1	30	0.2	5.1	51	0.2	6.0	18
02 / 12 / 2023 02:30	1.5	23.1	35	0.2	5.3	59	0.5	7.2	23
02 / 12 / 2023 02:00	2.0	23.5	33	0.8	5.6	54	BF	8.0	20
02 / 12 / 2023 01:30	1.3	22.1	37	BF	6.1	63	BF	9.1	32
02 / 12 / 2023 01:00	BF	20.9	35	BF	6.4	57	0.2	7.3	28
02 / 12 / 2023 00:30	BF	21.4	31	0.2	5.5	52	0.2	6.9	20

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 / 12 / 2023 00:00	4.7	21.7	27	0.2	5.7	55	0.2	7.6	20
02 / 11 / 2023 23:30	3.5	16.6	24	0.2	6.1	32	0.2	7.0	8
02 / 11 / 2023 23:00	1.0	17.0	45	0.2	5.0	63	0.2	7.7	34
02 / 11 / 2023 22:30	0.4	16.8	48	0.2	5.4	65	0.2	7.3	35
02 / 11 / 2023 22:00	0.2	13.2	56	0.2	4.6	72	0.2	5.8	44
02 / 11 / 2023 21:30	0.7	11.0	49	0.2	3.7	68	0.2	5.4	42
02 / 11 / 2023 21:00	0.2	9.5	54	0.2	2.4	58	0.2	3.8	38
02 / 11 / 2023 20:30	0.2	10.7	55	0.2	3.0	68	0.2	4.7	41
02 / 11 / 2023 20:00	0.2	9.2	55	0.2	2.1	68	0.2	3.1	39
02 / 11 / 2023 19:30	4.2	8.3	48	0.2	1.3	69	0.2	2.6	33
02 / 11 / 2023 19:00	7.9	5.9	22	0.2	0.9	18	0.2	2.0	351
02 / 11 / 2023 18:30	0.5	5.9	53	0.2	0.9	71	0.2	1.5	29
02 / 11 / 2023 18:00	0.2	7.4	66	0.2	2.4	81	0.2	2.7	50
02 / 11 / 2023 17:30	0.2	7.0	68	0.2	2.5	79	0.2	2.9	55
02 / 11 / 2023 17:00	0.2	7.3	64	0.2	2.7	76	0.2	4.0	51
02 / 11 / 2023 16:30	0.2	5.4	82	0.2	2.4	92	0.2	3.2	67
02 / 11 / 2023 16:00	0.2	6.7	66	0.2	2.1	74	0.2	3.1	44
02 / 11 / 2023 15:30	0.2	8.3	57	0.2	3.6	82	0.2	4.6	51
02 / 11 / 2023 15:00	0.2	10.4	53	0.2	3.4	81	0.2	4.7	44
02 / 11 / 2023 14:30	0.2	9.3	58	0.2	4.2	79	0.2	5.5	58
02 / 11 / 2023 14:00	0.2	11.2	60	0.2	4.2	78	0.2	5.7	54
02 / 11 / 2023 13:30	0.2	13.6	47	0.2	4.1	75	0.2	6.3	45
02 / 11 / 2023 13:00	0.2	10.6	53	0.2	3.3	65	0.2	4.2	36
02 / 11 / 2023 12:30	0.6	9.3	43	0.2	3.3	60	0.2	4.3	32
02 / 11 / 2023 12:00	0.5	10.0	46	0.2	3.2	59	0.2	3.4	28
02 / 11 / 2023 11:30	0.5	12.7	41	0.2	3.8	62	0.2	5.1	32
02 / 11 / 2023 11:00	0.5	12.3	44	0.2	3.5	61	0.2	4.8	29
02 / 11 / 2023 10:30	0.6	13.2	40	0.2	3.8	64	0.2	5.5	31
02 / 11 / 2023 10:00	1.0	13.2	34	0.2	3.9	58	0.2	5.4	28
02 / 11 / 2023 09:30	1.6	12.3	33	0.2	3.5	54	0.2	4.9	26
02 / 11 / 2023 09:00	0.5	11.7	40	0.2	3.6	59	0.2	5.5	28
02 / 11 / 2023 08:30	1.4	11.3	34	0.2	3.1	62	0.2	4.4	26
02 / 11 / 2023 08:00	1.5	11.4	33	0.2	3.0	52	0.2	4.6	18
02 / 11 / 2023 07:30	2.8	14.0	26	0.2	4.0	46	0.2	5.1	10
02 / 11 / 2023 07:00	0.7	13.6	42	0.2	4.4	59	0.2	5.4	29
02 / 11 / 2023 06:30	0.9	11.7	37	0.2	3.2	56	0.2	3.8	21
02 / 11 / 2023 06:00	2.4	10.6	37	0.2	3.0	63	0.2	3.7	28
02 / 11 / 2023 05:30	2.7	8.6	30	0.2	2.5	54	0.2	3.3	15
02 / 11 / 2023 05:00	1.0	8.1	52	0.2	2.7	69	0.2	3.1	34
02 / 11 / 2023 04:30	4.3	10.7	27	0.2	2.5	48	0.2	3.4	17
02 / 11 / 2023 04:00	2.9	8.8	40	0.2	2.6	60	0.2	3.2	26
02 / 11 / 2023 03:30	2.4	8.9	33	0.2	2.2	50	0.2	3.5	14
02 / 11 / 2023 03:00	1.3	10.2	38	0.2	2.2	62	0.2	3.8	27
02 / 11 / 2023 02:30	3.8	10.4	36	0.2	2.6	59	0.2	3.7	27
02 / 11 / 2023 02:00	3.1	11.1	31	0.2	2.6	53	0.2	3.6	15
02 / 11 / 2023 01:30	7.5	9.8	28	0.2	2.3	58	AX	3.4	14
02 / 11 / 2023 01:00	2.1	7.3	36	AX	1.7	60	0.2	2.6	17
02 / 11 / 2023 00:30	AX	8.2	26	0.2	1.8	53	0.2	2.8	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
02 / 11 / 2023 00:00	6.7	8.5	23	0.2	1.3	63	0.2	2.7	6
02 / 10 / 2023 23:30	4.1	11.1	19	0.2	2.1	53	0.2	4.3	3
02 / 10 / 2023 23:00	4.9	9.6	12	0.2	1.7	32	0.2	3.6	348
02 / 10 / 2023 22:30	4.4	7.6	16	0.2	1.8	55	0.2	3.5	354
02 / 10 / 2023 22:00	1.1	1.1	54	0.2	1.2	55	0.2	0.7	257
02 / 10 / 2023 21:30	0.8	1.2	220	0.4	1.1	27	0.2	0.8	342
02 / 10 / 2023 21:00	0.2	1.5	182	1.4	0.3	46	0.2	0.3	357
02 / 10 / 2023 20:30	0.2	1.6	198	2.6	1.0	46	0.2	0.7	307
02 / 10 / 2023 20:00	0.2	1.8	193	2.4	0.7	81	0.2	0.5	68
02 / 10 / 2023 19:30	0.2	2.2	212	2.0	0.6	0	0.4	0.3	282
02 / 10 / 2023 19:00	0.2	1.8	209	2.7	1.0	113	0.2	0.6	258
02 / 10 / 2023 18:30	0.4	1.9	226	2.1	0.7	276	0.6	0.4	232
02 / 10 / 2023 18:00	0.6	1.5	217	3.0	1.1	209	2.1	0.5	264
02 / 10 / 2023 17:30	0.5	2.2	212	0.2	2.1	226	2.7	0.5	230
02 / 10 / 2023 17:00	0.2	2.3	202	2.8	2.3	237	0.4	0.8	164
02 / 10 / 2023 16:30	0.2	2.3	266	3.0	2.0	285	0.2	0.4	281
02 / 10 / 2023 16:00	0.2	3.0	261	2.1	4.2	244	0.2	1.2	267
02 / 10 / 2023 15:30	0.2	3.8	272	0.6	4.1	252	0.2	1.5	248
02 / 10 / 2023 15:00	0.2	3.9	290	0.2	2.8	288	0.2	1.2	262
02 / 10 / 2023 14:30	0.2	3.3	229	0.2	3.8	237	0.2	2.8	165
02 / 10 / 2023 14:00	0.2	4.2	204	0.2	3.4	220	0.4	2.7	181
02 / 10 / 2023 13:30	0.2	3.9	192	0.2	3.8	231	0.5	2.5	172
02 / 10 / 2023 13:00	0.2	1.8	236	0.5	3.4	212	0.2	2.1	19
02 / 10 / 2023 12:30	0.2	3.0	251	0.5	2.4	273	0.2	2.1	65
02 / 10 / 2023 12:00	0.2	3.1	256	0.8	2.5	273	0.2	1.6	243
02 / 10 / 2023 11:30	0.2	3.2	268	0.7	3.7	249	0.2	1.1	319
02 / 10 / 2023 11:00	0.2	3.1	189	0.2	3.6	218	0.2	2.4	218
02 / 10 / 2023 10:30	0.2	3.6	208	1.7	3.5	234	0.2	3.0	207
02 / 10 / 2023 10:00	0.2	3.2	234	1.5	4.9	244	0.2	2.0	239
02 / 10 / 2023 09:30	0.2	3.3	219	1.1	4.2	233	0.5	1.9	240
02 / 10 / 2023 09:00	0.2	3.6	211	0.2	3.7	219	4.0	2.5	218
02 / 10 / 2023 08:30	0.2	2.9	210	0.2	1.7	205	3.7	1.2	177
02 / 10 / 2023 08:00	0.2	2.9	207	0.2	1.3	196	2.6	0.9	192
02 / 10 / 2023 07:30	0.2	2.3	204	0.2	1.4	173	3.5	1.0	165
02 / 10 / 2023 07:00	0.2	2.7	209	0.2	1.3	202	1.8	1.2	202
02 / 10 / 2023 06:30	0.4	3.6	184	0.2	2.5	179	4.0	1.6	185
02 / 10 / 2023 06:00	0.2	3.1	207	1.6	2.7	217	0.2	1.2	206
02 / 10 / 2023 05:30	0.2	3.0	220	3.6	3.9	235	0.2	1.5	237
02 / 10 / 2023 05:00	0.2	3.9	225	5.1	5.9	243	0.4	2.3	234
02 / 10 / 2023 04:30	0.2	4.5	221	1.7	3.8	228	1.7	2.5	226
02 / 10 / 2023 04:00	0.2	4.0	211	0.2	2.9	220	7.5	1.9	211
02 / 10 / 2023 03:30	0.2	4.9	202	0.2	3.3	223	8.0	2.4	209
02 / 10 / 2023 03:00	0.2	5.0	204	0.2	3.2	215	7.5	1.6	206
02 / 10 / 2023 02:30	0.2	4.9	199	0.4	3.3	212	8.4	1.6	215
02 / 10 / 2023 02:00	0.2	4.4	214	8.8	3.5	229	4.0	1.8	224
02 / 10 / 2023 01:30	0.2	5.5	208	0.2	4.3	227	AX	2.6	217
02 / 10 / 2023 01:00	0.2	5.2	206	AX	3.6	223	8.6	2.3	208
02 / 10 / 2023 00:30	AX	4.8	209	0.2	2.9	224	9.5	1.8	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