



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

June 16, 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
06 / 09 / 2023 00:00	06 / 15 / 2023 23:59	1.5	0.9	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

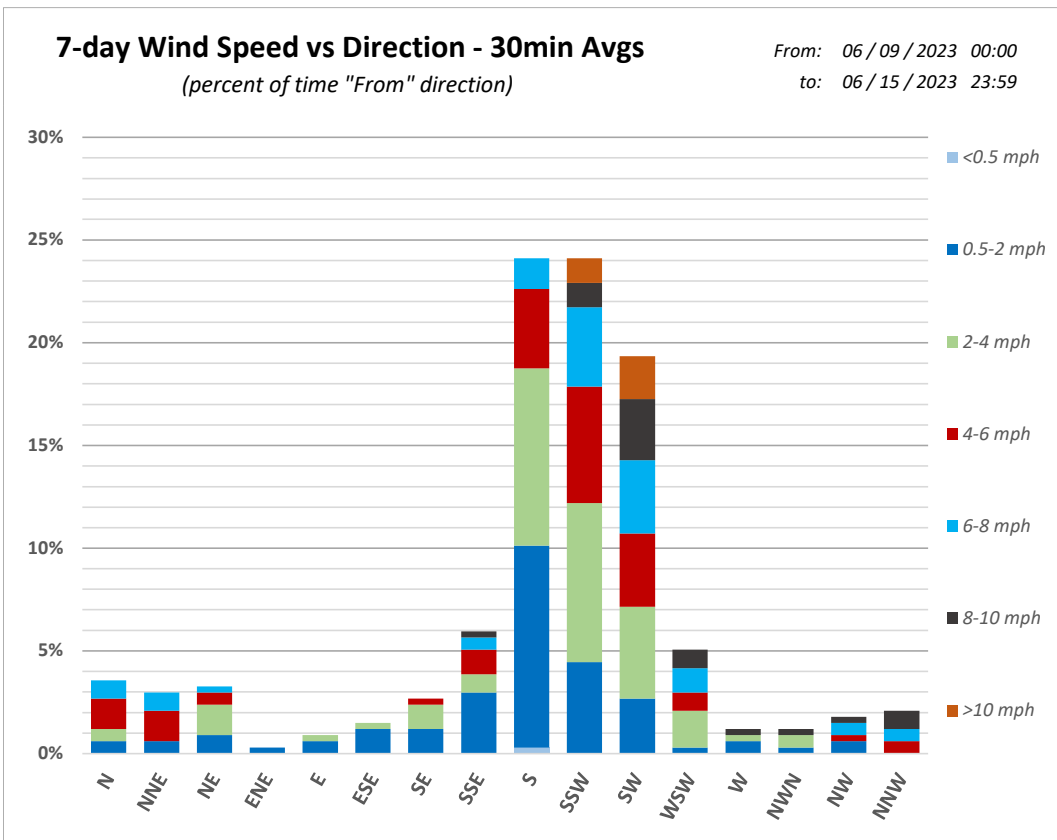
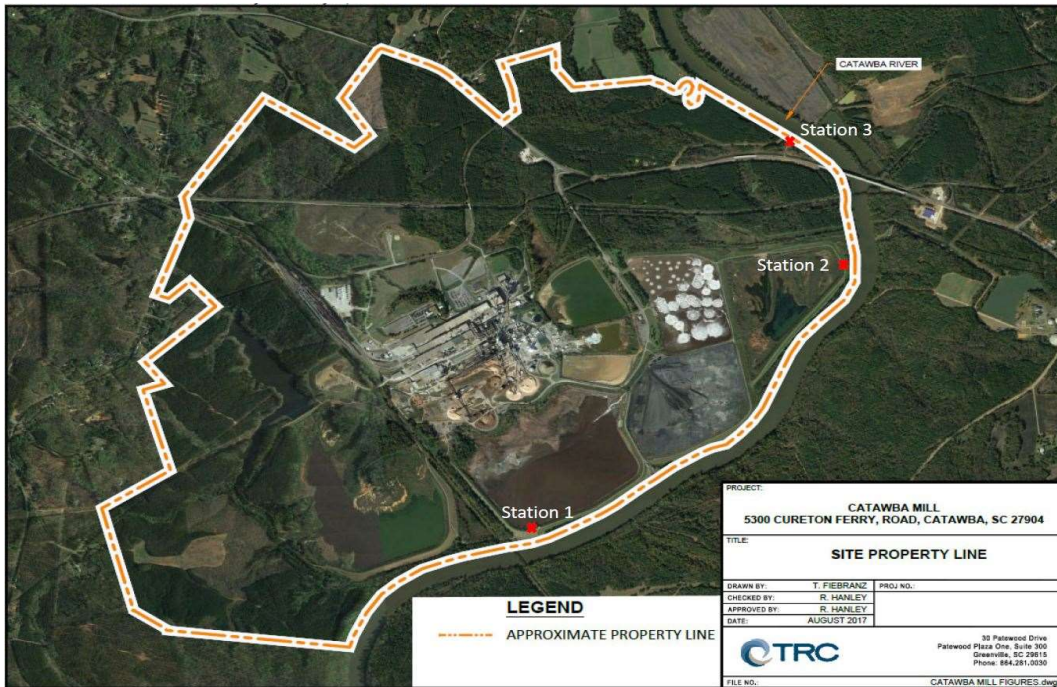
Technical Manager

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
06 / 03 / 2023 00:00	06 / 09 / 2023 23:59	2.1	0.4	0.5	06 / 09 / 2023	3.1	0.2	0.3
06 / 04 / 2023 00:00	06 / 10 / 2023 23:59	1.8	0.4	0.6	06 / 10 / 2023	2.5	0.6	0.9
06 / 05 / 2023 00:00	06 / 11 / 2023 23:59	1.7	0.5	0.7	06 / 11 / 2023	0.9	0.5	1.0
06 / 06 / 2023 00:00	06 / 12 / 2023 23:59	1.6	0.6	0.8	06 / 12 / 2023	0.8	1.2	1.7
06 / 07 / 2023 00:00	06 / 13 / 2023 23:59	1.7	0.7	0.8	06 / 13 / 2023	1.5	1.0	0.8
06 / 08 / 2023 00:00	06 / 14 / 2023 23:59	1.5	0.8	1.0	06 / 14 / 2023	0.7	1.6	2.1
06 / 09 / 2023 00:00	06 / 15 / 2023 23:59	1.5	0.9	1.2	06 / 15 / 2023	0.8	1.3	1.4

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
06 / 16 / 2023 00:00	0.8	1.2	168	0.2	1.4	170	5.5	0.6	230
06 / 15 / 2023 23:30	0.8	1.7	162	0.4	1.1	160	5.7	0.5	219
06 / 15 / 2023 23:00	0.8	1.5	171	0.7	1.0	174	7.3	0.7	221
06 / 15 / 2023 22:30	0.8	1.5	187	0.2	1.0	182	4.4	0.8	242
06 / 15 / 2023 22:00	0.9	2.2	184	0.2	1.1	179	4.6	1.3	193
06 / 15 / 2023 21:30	0.8	2.9	187	0.2	1.5	202	2.3	1.9	221
06 / 15 / 2023 21:00	0.8	2.8	170	0.2	1.5	191	0.2	1.4	200
06 / 15 / 2023 20:30	0.7	3.4	196	0.2	1.3	182	0.8	1.0	191
06 / 15 / 2023 20:00	0.7	4.5	183	0.2	2.4	199	4.3	1.6	201
06 / 15 / 2023 19:30	0.8	2.9	190	0.2	1.1	192	3.8	1.7	216
06 / 15 / 2023 19:00	0.8	2.8	177	0.2	1.8	180	4.9	1.8	206
06 / 15 / 2023 18:30	0.8	3.8	199	0.2	1.5	195	4.2	1.7	221
06 / 15 / 2023 18:00	0.8	3.8	190	0.2	2.1	181	3.8	1.5	213
06 / 15 / 2023 17:30	0.7	5.4	195	0.2	2.7	206	1.4	2.9	215
06 / 15 / 2023 17:00	0.7	6.9	198	0.2	4.1	218	2.5	3.2	221
06 / 15 / 2023 16:30	0.7	6.5	187	0.2	3.6	205	0.9	4.0	207
06 / 15 / 2023 16:00	0.7	8.2	196	0.2	3.4	203	1.0	3.6	203
06 / 15 / 2023 15:30	0.7	5.7	201	0.2	3.8	206	0.7	4.0	207
06 / 15 / 2023 15:00	0.7	5.1	188	0.5	3.8	212	0.2	3.0	190
06 / 15 / 2023 14:30	0.7	5.4	188	0.2	3.0	203	0.5	3.0	181
06 / 15 / 2023 14:00	0.7	6.2	184	0.2	3.9	203	1.3	3.1	213
06 / 15 / 2023 13:30	0.6	6.5	182	0.2	3.5	204	0.2	3.4	196
06 / 15 / 2023 13:00	0.7	4.7	196	0.2	3.2	208	0.2	3.1	188
06 / 15 / 2023 12:30	0.7	4.6	158	0.6	2.9	220	0.4	3.1	216
06 / 15 / 2023 12:00	1.0	2.4	172	0.6	1.8	231	0.4	2.2	134
06 / 15 / 2023 11:30	1.0	1.9	204	0.7	1.1	47	0.8	1.4	42
06 / 15 / 2023 11:00	1.1	1.9	224	0.7	1.4	207	0.5	1.3	105
06 / 15 / 2023 10:30	1.3	1.4	139	1.0	1.5	267	1.1	1.4	55
06 / 15 / 2023 10:00	0.8	2.1	179	0.7	2.1	252	1.3	2.0	133
06 / 15 / 2023 09:30	0.7	2.3	196	1.6	2.0	232	1.8	1.8	179
06 / 15 / 2023 09:00	0.7	1.8	199	1.9	1.2	161	1.3	1.5	116
06 / 15 / 2023 08:30	0.7	1.8	266	1.6	2.3	205	0.2	1.7	192
06 / 15 / 2023 08:00	0.8	2.9	258	2.0	2.5	231	0.2	1.6	245
06 / 15 / 2023 07:30	0.8	4.0	241	1.1	2.7	233	0.2	2.2	240
06 / 15 / 2023 07:00	0.6	3.6	246	2.9	3.0	253	0.2	1.6	246
06 / 15 / 2023 06:30	0.9	2.4	294	1.8	2.6	281	0.2	0.6	240
06 / 15 / 2023 06:00	0.8	3.0	227	1.2	2.9	240	0.2	1.5	269
06 / 15 / 2023 05:30	0.7	3.8	234	5.3	3.5	258	0.2	1.3	245
06 / 15 / 2023 05:00	0.6	3.6	246	6.1	2.8	268	0.2	1.0	248
06 / 15 / 2023 04:30	0.7	3.7	232	2.8	3.2	260	0.2	0.7	288
06 / 15 / 2023 04:00	0.9	3.7	223	2.8	3.5	248	0.2	1.9	240
06 / 15 / 2023 03:30	0.7	4.0	234	3.0	3.6	265	0.2	1.1	250
06 / 15 / 2023 03:00	0.7	3.2	241	3.4	3.1	285	0.2	0.6	294
06 / 15 / 2023 02:30	0.7	3.4	219	4.3	3.2	285	0.2	0.9	246
06 / 15 / 2023 02:00	0.6	3.0	236	5.0	3.9	268	0.2	1.3	242
06 / 15 / 2023 01:30	0.6	3.7	241	1.7	3.0	250	AX	1.1	268
06 / 15 / 2023 01:00	0.4	3.8	231	AX	3.0	228	0.2	1.8	245
06 / 15 / 2023 00:30	AX	6.0	214	1.2	4.6	232	0.2	2.4	260

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
06 / 15 / 2023 00:00	0.7	7.4	222	1.1	5.9	230	1.6	3.0	236
06 / 14 / 2023 23:30	0.7	5.9	210	1.9	4.0	227	5.8	2.6	227
06 / 14 / 2023 23:00	0.8	6.5	205	0.6	3.4	212	3.1	3.2	221
06 / 14 / 2023 22:30	0.8	6.3	199	0.2	3.0	208	2.5	2.7	208
06 / 14 / 2023 22:00	0.8	6.0	204	0.5	2.9	211	3.4	3.2	218
06 / 14 / 2023 21:30	0.7	6.0	199	0.2	3.0	210	3.4	2.6	216
06 / 14 / 2023 21:00	0.7	4.7	203	0.4	2.9	205	4.6	2.6	227
06 / 14 / 2023 20:30	0.7	6.3	200	0.8	3.7	213	3.5	3.2	229
06 / 14 / 2023 20:00	0.6	7.7	209	1.0	4.0	217	4.4	3.3	227
06 / 14 / 2023 19:30	0.6	7.5	209	0.9	4.5	222	3.1	4.3	225
06 / 14 / 2023 19:00	0.7	9.9	213	1.0	6.1	221	4.0	5.1	227
06 / 14 / 2023 18:30	0.8	10.2	201	0.5	5.9	217	2.6	5.2	224
06 / 14 / 2023 18:00	0.8	8.3	200	0.9	6.2	215	3.6	5.0	221
06 / 14 / 2023 17:30	0.7	10.8	209	0.9	6.4	221	3.8	5.5	226
06 / 14 / 2023 17:00	0.8	9.3	214	1.6	6.2	225	4.4	4.7	231
06 / 14 / 2023 16:30	0.8	9.1	220	2.4	6.1	230	2.0	3.8	234
06 / 14 / 2023 16:00	0.8	8.8	228	4.4	6.8	239	0.2	4.0	243
06 / 14 / 2023 15:30	0.7	7.8	233	3.0	7.0	243	0.7	4.5	232
06 / 14 / 2023 15:00	0.7	7.4	233	2.1	7.0	250	0.2	3.6	241
06 / 14 / 2023 14:30	0.8	7.6	226	1.2	7.2	237	0.2	3.7	247
06 / 14 / 2023 14:00	0.8	8.9	221	1.4	6.7	229	0.4	3.7	251
06 / 14 / 2023 13:30	0.7	10.0	213	1.2	6.7	230	3.7	5.0	232
06 / 14 / 2023 13:00	0.6	8.7	220	1.3	6.5	224	3.5	5.5	228
06 / 14 / 2023 12:30	0.7	10.9	212	1.8	8.2	229	2.2	5.2	219
06 / 14 / 2023 12:00	0.8	11.1	214	1.0	8.2	225	1.6	5.1	237
06 / 14 / 2023 11:30	0.7	11.6	231	1.0	7.5	228	0.4	5.1	241
06 / 14 / 2023 11:00	0.6	10.3	222	0.9	7.4	236	0.2	4.9	248
06 / 14 / 2023 10:30	0.5	10.6	232	0.8	7.7	232	0.2	4.5	246
06 / 14 / 2023 10:00	0.6	7.3	234	0.9	6.0	223	0.7	4.3	234
06 / 14 / 2023 09:30	0.6	7.5	226	0.9	5.5	229	0.9	2.7	250
06 / 14 / 2023 09:00	0.7	5.4	213	2.9	4.2	227	1.0	3.0	232
06 / 14 / 2023 08:30	0.7	4.9	224	1.6	4.0	226	0.2	2.8	240
06 / 14 / 2023 08:00	0.8	4.0	216	2.4	3.9	219	0.4	3.0	225
06 / 14 / 2023 07:30	0.9	3.6	206	3.2	2.6	199	0.2	2.8	222
06 / 14 / 2023 07:00	0.8	2.4	198	1.5	2.2	193	2.9	1.7	209
06 / 14 / 2023 06:30	0.6	1.0	200	0.4	2.2	182	1.3	1.6	204
06 / 14 / 2023 06:00	0.6	2.0	176	0.4	1.1	165	2.5	0.4	266
06 / 14 / 2023 05:30	0.6	1.4	173	0.4	0.5	31	2.7	0.4	276
06 / 14 / 2023 05:00	0.7	0.4	181	0.2	0.3	341	1.0	0.3	332
06 / 14 / 2023 04:30	0.5	1.8	214	0.4	0.6	181	1.0	1.3	199
06 / 14 / 2023 04:00	0.6	1.4	171	0.6	1.5	171	0.6	0.6	272
06 / 14 / 2023 03:30	0.7	2.8	171	4.5	0.9	118	0.2	0.8	181
06 / 14 / 2023 03:00	0.7	2.5	164	4.4	1.3	126	0.2	0.6	143
06 / 14 / 2023 02:30	0.9	2.3	178	5.4	1.8	293	0.2	0.5	68
06 / 14 / 2023 02:00	0.9	3.1	201	4.4	0.6	283	0.6	0.4	106
06 / 14 / 2023 01:30	0.6	2.8	203	0.8	1.1	157	AX	0.6	262
06 / 14 / 2023 01:00	0.2	2.7	203	AX	1.5	192	4.7	1.6	196
06 / 14 / 2023 00:30	AX	2.6	207	2.5	0.8	215	4.3	1.8	205

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
06 / 14 / 2023 00:00	0.2	3.9	210	5.2	0.2	233	5.2	1.7	209
06 / 13 / 2023 23:30	0.2	2.6	205	0.7	0.5	339	7.2	0.8	205
06 / 13 / 2023 23:00	0.5	2.3	199	1.7	0.5	202	5.9	0.6	243
06 / 13 / 2023 22:30	0.5	1.8	207	0.5	0.7	229	3.4	0.5	241
06 / 13 / 2023 22:00	0.6	2.3	194	0.4	0.8	185	2.5	1.0	195
06 / 13 / 2023 21:30	0.7	2.4	192	2.0	0.8	177	0.7	0.5	232
06 / 13 / 2023 21:00	0.7	3.1	196	0.5	1.0	172	0.4	0.5	253
06 / 13 / 2023 20:30	0.7	2.8	197	1.9	1.4	176	0.2	1.0	284
06 / 13 / 2023 20:00	0.7	4.2	207	2.1	2.8	220	0.2	0.8	267
06 / 13 / 2023 19:30	0.7	4.6	225	1.3	4.6	227	0.2	1.4	266
06 / 13 / 2023 19:00	0.6	4.7	220	1.7	4.4	230	2.0	2.3	254
06 / 13 / 2023 18:30	0.6	5.3	208	1.2	4.0	220	1.7	2.4	241
06 / 13 / 2023 18:00	0.7	5.9	229	1.4	4.6	228	0.7	1.9	254
06 / 13 / 2023 17:30	0.6	6.0	233	1.1	5.1	233	2.5	3.3	231
06 / 13 / 2023 17:00	0.6	5.8	235	0.9	5.2	239	0.2	2.6	254
06 / 13 / 2023 16:30	0.6	7.3	258	1.6	6.4	242	0.2	3.1	256
06 / 13 / 2023 16:00	0.6	7.0	248	1.3	6.0	236	0.2	3.7	250
06 / 13 / 2023 15:30	0.7	6.2	233	0.9	6.5	234	0.2	2.5	262
06 / 13 / 2023 15:00	0.7	5.1	221	2.8	4.8	241	0.2	2.3	267
06 / 13 / 2023 14:30	0.7	6.4	228	2.0	5.0	260	0.2	2.3	276
06 / 13 / 2023 14:00	0.7	5.2	205	0.4	3.3	203	0.6	3.2	228
06 / 13 / 2023 13:30	0.7	5.6	218	0.7	4.3	231	1.6	3.7	207
06 / 13 / 2023 13:00	0.7	6.2	232	0.6	4.2	236	0.6	3.8	218
06 / 13 / 2023 12:30	0.6	4.0	192	0.4	3.1	203	0.2	3.0	200
06 / 13 / 2023 12:00	0.7	2.9	219	0.5	2.4	203	0.2	2.4	192
06 / 13 / 2023 11:30	0.7	4.4	225	0.5	3.6	240	0.4	2.6	201
06 / 13 / 2023 11:00	0.7	3.8	154	0.5	2.6	216	0.2	2.2	184
06 / 13 / 2023 10:30	0.7	3.2	202	0.5	1.6	239	0.2	2.0	59
06 / 13 / 2023 10:00	0.6	3.0	124	0.4	1.3	105	0.2	1.7	79
06 / 13 / 2023 09:30	1.1	1.8	34	0.5	1.3	180	0.2	1.5	64
06 / 13 / 2023 09:00	2.2	2.0	4	0.6	1.4	308	0.2	1.3	54
06 / 13 / 2023 08:30	7.3	2.3	43	0.9	0.7	29	0.2	1.3	49
06 / 13 / 2023 08:00	16.9	0.7	139	2.6	0.5	321	1.1	1.3	1
06 / 13 / 2023 07:30	4.8	0.9	7	1.7	0.6	324	1.9	1.3	23
06 / 13 / 2023 07:00	0.9	1.0	217	1.1	0.5	270	0.2	0.4	50
06 / 13 / 2023 06:30	0.8	1.7	182	0.8	0.2	352	0.2	0.5	50
06 / 13 / 2023 06:00	0.7	1.2	177	0.8	0.3	35	0.2	0.3	30
06 / 13 / 2023 05:30	0.7	2.1	181	0.7	0.3	51	0.2	0.3	7
06 / 13 / 2023 05:00	0.7	1.8	174	0.6	0.3	33	0.2	0.2	310
06 / 13 / 2023 04:30	0.8	1.8	181	0.6	0.4	2	0.2	0.2	354
06 / 13 / 2023 04:00	0.9	1.8	208	0.6	0.5	359	0.2	0.2	344
06 / 13 / 2023 03:30	0.9	2.4	211	0.7	0.4	1	0.2	0.4	319
06 / 13 / 2023 03:00	1.8	1.6	221	0.7	0.3	358	0.2	0.3	247
06 / 13 / 2023 02:30	1.4	0.9	165	0.7	0.2	9	0.2	0.2	94
06 / 13 / 2023 02:00	2.0	1.3	192	0.7	0.3	26	0.2	0.2	325
06 / 13 / 2023 01:30	3.2	1.1	163	0.5	0.3	38	AX	0.2	355
06 / 13 / 2023 01:00	2.8	0.9	147	AX	0.2	60	0.2	0.2	36
06 / 13 / 2023 00:30	AX	0.8	152	0.8	0.2	19	0.2	0.2	1

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
06 / 13 / 2023 00:00	0.8	1.2	159	0.9	0.2	57	0.2	0.2	85
06 / 12 / 2023 23:30	0.7	1.6	176	0.9	0.2	49	0.2	0.2	26
06 / 12 / 2023 23:00	0.7	2.1	260	1.1	0.3	81	0.2	0.2	336
06 / 12 / 2023 22:30	0.7	1.6	294	1.0	0.3	276	0.2	0.2	289
06 / 12 / 2023 22:00	0.6	3.3	295	1.1	0.6	345	0.2	0.2	324
06 / 12 / 2023 21:30	0.7	1.6	228	1.2	0.3	46	0.4	0.2	260
06 / 12 / 2023 21:00	0.9	2.3	233	1.1	0.3	81	0.5	0.2	257
06 / 12 / 2023 20:30	1.2	1.5	187	1.1	0.2	65	0.6	0.2	344
06 / 12 / 2023 20:00	1.4	1.5	185	1.1	0.5	92	0.7	0.3	252
06 / 12 / 2023 19:30	1.7	1.7	38	1.3	0.2	24	0.9	0.3	302
06 / 12 / 2023 19:00	2.0	4.4	15	1.1	1.6	342	0.7	0.5	338
06 / 12 / 2023 18:30	0.9	6.6	338	1.1	3.1	354	BC	1.4	346
06 / 12 / 2023 18:00	0.9	6.0	321	1.1	2.6	311	BC	0.7	305
06 / 12 / 2023 17:30	0.9	6.2	319	1.1	3.3	316	BC	0.7	304
06 / 12 / 2023 17:00	0.8	9.4	313	1.0	5.0	306	BC	1.3	298
06 / 12 / 2023 16:30	0.7	9.0	284	2.1	4.6	294	BC	2.2	330
06 / 12 / 2023 16:00	0.7	7.6	239	3.5	7.2	255	BF	4.0	249
06 / 12 / 2023 15:30	0.6	10.2	230	2.9	7.0	246	BF	3.7	247
06 / 12 / 2023 15:00	0.7	9.4	236	2.6	7.8	239	BA	4.1	251
06 / 12 / 2023 14:30	0.7	8.7	219	2.0	6.9	242	0.5	4.2	246
06 / 12 / 2023 14:00	0.7	8.5	236	BF	7.2	255	0.5	3.8	258
06 / 12 / 2023 13:30	0.7	7.2	241	BF	7.2	255	0.6	3.7	246
06 / 12 / 2023 13:00	0.8	8.8	228	BA	6.6	249	0.5	3.3	249
06 / 12 / 2023 12:30	1.1	8.8	241	1.1	6.8	241	0.5	3.2	248
06 / 12 / 2023 12:00	BF	8.8	239	1.5	6.8	241	0.6	3.5	257
06 / 12 / 2023 11:30	BF	9.6	228	1.2	6.7	232	0.9	3.8	246
06 / 12 / 2023 11:00	0.7	9.9	229	0.8	8.1	238	1.2	4.2	240
06 / 12 / 2023 10:30	0.7	10.8	227	1.2	6.9	237	0.6	4.7	241
06 / 12 / 2023 10:00	0.7	11.3	221	0.8	7.4	227	2.1	4.0	235
06 / 12 / 2023 09:30	0.7	9.8	211	1.2	6.2	219	3.3	3.8	223
06 / 12 / 2023 09:00	0.7	7.7	209	3.6	5.9	222	1.9	4.0	236
06 / 12 / 2023 08:30	0.5	7.5	215	1.9	4.8	226	4.5	3.5	233
06 / 12 / 2023 08:00	0.5	7.2	207	4.4	4.5	219	5.9	2.5	219
06 / 12 / 2023 07:30	0.5	6.5	203	0.5	4.0	215	4.8	3.1	227
06 / 12 / 2023 07:00	0.6	6.0	204	0.4	3.4	212	3.6	3.3	212
06 / 12 / 2023 06:30	0.9	5.0	205	0.2	2.5	212	3.8	2.5	206
06 / 12 / 2023 06:00	0.7	5.0	193	0.2	2.3	194	3.5	2.5	194
06 / 12 / 2023 05:30	0.7	5.6	200	0.2	2.9	206	3.2	2.6	209
06 / 12 / 2023 05:00	0.7	6.7	200	0.2	3.5	209	2.3	2.8	217
06 / 12 / 2023 04:30	0.6	6.1	187	0.2	2.7	201	3.8	2.6	203
06 / 12 / 2023 04:00	0.7	5.8	194	0.2	2.6	206	2.7	2.7	209
06 / 12 / 2023 03:30	0.7	4.5	205	1.3	3.1	213	3.3	2.4	223
06 / 12 / 2023 03:00	0.5	4.8	217	0.6	2.1	219	2.9	2.3	225
06 / 12 / 2023 02:30	0.6	5.8	190	0.2	2.7	198	1.0	2.4	195
06 / 12 / 2023 02:00	0.7	3.6	181	0.2	1.2	184	0.7	1.1	166
06 / 12 / 2023 01:30	0.6	3.4	174	0.4	1.7	187	AX	1.7	181
06 / 12 / 2023 01:00	0.2	3.5	172	AX	2.4	186	0.2	1.9	181
06 / 12 / 2023 00:30	AX	5.9	186	0.2	3.0	198	0.2	3.2	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
06 / 12 / 2023 00:00	0.6	5.9	183	0.2	2.5	201	0.8	2.8	204
06 / 11 / 2023 23:30	0.6	4.6	181	0.2	2.7	192	0.5	2.1	188
06 / 11 / 2023 23:00	0.6	4.4	181	0.2	2.0	187	0.4	1.7	177
06 / 11 / 2023 22:30	0.7	4.0	174	0.2	1.7	202	0.4	2.0	182
06 / 11 / 2023 22:00	0.7	3.1	169	0.2	1.8	193	0.8	1.5	181
06 / 11 / 2023 21:30	0.8	2.9	192	0.2	1.3	191	0.2	1.1	185
06 / 11 / 2023 21:00	0.8	3.2	186	0.2	1.6	199	0.2	1.5	193
06 / 11 / 2023 20:30	0.7	2.8	187	0.2	1.2	187	0.2	1.1	189
06 / 11 / 2023 20:00	0.7	2.4	191	0.2	0.9	195	0.4	0.8	180
06 / 11 / 2023 19:30	0.7	2.7	181	0.2	1.4	188	0.4	1.4	185
06 / 11 / 2023 19:00	0.6	2.1	183	0.2	0.8	205	0.5	1.2	198
06 / 11 / 2023 18:30	0.6	4.1	159	0.2	1.2	174	0.4	1.9	174
06 / 11 / 2023 18:00	0.5	3.9	141	0.2	1.0	143	0.2	1.0	167
06 / 11 / 2023 17:30	0.6	3.1	193	0.2	1.3	194	0.4	1.3	214
06 / 11 / 2023 17:00	0.5	4.6	137	0.2	1.1	104	0.4	1.0	174
06 / 11 / 2023 16:30	0.4	2.9	136	0.2	0.7	93	0.4	1.5	132
06 / 11 / 2023 16:00	0.2	2.6	106	0.2	0.6	70	1.2	1.2	101
06 / 11 / 2023 15:30	0.5	3.1	186	0.4	1.1	161	0.8	1.3	191
06 / 11 / 2023 15:00	0.7	2.8	100	1.1	0.3	60	0.8	1.7	80
06 / 11 / 2023 14:30	0.7	2.4	156	0.7	1.2	359	0.4	0.6	71
06 / 11 / 2023 14:00	1.8	9.2	267	2.8	7.0	272	1.2	3.5	277
06 / 11 / 2023 13:30	1.4	4.8	52	0.9	3.7	4	4.5	3.0	277
06 / 11 / 2023 13:00	0.6	8.1	165	0.2	3.1	182	0.2	2.4	173
06 / 11 / 2023 12:30	0.7	5.1	161	0.2	2.0	189	0.2	2.5	186
06 / 11 / 2023 12:00	0.7	6.1	166	0.2	3.4	209	0.4	4.0	204
06 / 11 / 2023 11:30	0.7	7.3	155	0.2	3.4	207	0.5	3.6	194
06 / 11 / 2023 11:00	0.6	4.9	160	0.2	2.7	215	0.5	3.2	207
06 / 11 / 2023 10:30	0.7	5.3	181	0.2	3.2	200	0.9	2.9	190
06 / 11 / 2023 10:00	0.7	6.3	187	0.4	3.2	222	1.3	2.8	207
06 / 11 / 2023 09:30	0.7	5.0	182	0.4	2.5	203	1.7	2.5	196
06 / 11 / 2023 09:00	0.8	2.2	187	0.7	1.6	225	2.1	1.8	231
06 / 11 / 2023 08:30	1.4	1.2	39	1.2	1.2	274	3.6	1.3	52
06 / 11 / 2023 08:00	4.4	0.9	1	1.3	0.5	64	3.6	1.3	29
06 / 11 / 2023 07:30	4.1	0.8	33	0.4	1.2	356	1.9	1.5	3
06 / 11 / 2023 07:00	0.9	1.1	260	0.2	0.5	314	0.7	1.7	349
06 / 11 / 2023 06:30	0.8	0.5	178	0.5	0.2	325	0.6	0.2	347
06 / 11 / 2023 06:00	0.7	0.8	186	0.7	0.2	349	0.6	0.2	27
06 / 11 / 2023 05:30	0.7	1.8	188	0.6	0.3	359	0.7	0.2	2
06 / 11 / 2023 05:00	0.6	1.7	191	0.6	0.3	4	0.9	0.2	7
06 / 11 / 2023 04:30	0.7	1.5	184	0.5	0.3	356	1.4	0.2	49
06 / 11 / 2023 04:00	0.8	1.5	172	0.8	0.3	23	1.7	0.3	53
06 / 11 / 2023 03:30	0.6	1.3	200	1.1	0.3	51	1.7	0.3	117
06 / 11 / 2023 03:00	0.6	1.5	200	1.4	0.3	54	1.3	0.2	349
06 / 11 / 2023 02:30	0.7	1.1	195	1.0	0.6	65	1.6	0.3	60
06 / 11 / 2023 02:00	0.9	1.8	185	1.7	0.5	66	BF	0.4	49
06 / 11 / 2023 01:30	1.7	2.6	230	BF	0.6	8	BF	0.3	78
06 / 11 / 2023 01:00	BF	2.5	218	BF	0.4	31	0.7	0.3	331
06 / 11 / 2023 00:30	BF	1.6	217	0.6	0.2	5	0.7	0.2	282

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
06 / 11 / 2023 00:00	0.6	1.0	176	0.6	0.5	16	0.6	0.3	228
06 / 10 / 2023 23:30	0.6	1.3	184	0.8	0.3	71	0.6	0.2	269
06 / 10 / 2023 23:00	0.6	1.3	200	1.1	0.2	55	0.8	0.3	306
06 / 10 / 2023 22:30	0.5	1.7	189	1.9	0.4	102	1.0	0.3	332
06 / 10 / 2023 22:00	0.6	1.7	170	2.0	0.7	46	1.4	0.4	40
06 / 10 / 2023 21:30	0.7	2.1	193	1.4	0.3	85	2.3	0.2	318
06 / 10 / 2023 21:00	0.7	2.3	218	0.5	0.2	68	2.4	0.2	358
06 / 10 / 2023 20:30	0.7	2.5	215	0.2	0.2	79	2.0	0.2	315
06 / 10 / 2023 20:00	0.7	1.8	199	0.2	0.2	69	1.5	0.2	357
06 / 10 / 2023 19:30	0.7	2.0	189	0.2	0.2	93	1.2	0.2	14
06 / 10 / 2023 19:00	0.6	2.3	178	0.2	0.6	121	0.7	0.3	21
06 / 10 / 2023 18:30	0.5	2.5	195	0.2	1.3	175	0.7	0.3	281
06 / 10 / 2023 18:00	0.5	2.6	211	0.4	1.8	202	0.6	0.5	319
06 / 10 / 2023 17:30	0.5	3.1	224	0.6	1.8	225	0.2	0.5	343
06 / 10 / 2023 17:00	0.5	2.9	245	0.2	2.4	214	0.7	1.6	242
06 / 10 / 2023 16:30	0.5	3.6	229	0.5	3.2	236	0.6	2.0	213
06 / 10 / 2023 16:00	0.6	4.4	206	0.2	2.6	193	0.8	1.8	172
06 / 10 / 2023 15:30	0.5	4.0	197	0.6	2.8	201	1.1	2.3	201
06 / 10 / 2023 15:00	0.4	4.3	219	0.4	3.0	220	1.0	2.8	198
06 / 10 / 2023 14:30	0.5	4.2	193	0.4	3.5	251	1.0	3.2	194
06 / 10 / 2023 14:00	0.6	5.1	244	0.2	4.2	267	1.1	3.1	231
06 / 10 / 2023 13:30	0.5	5.7	239	0.2	3.3	201	1.0	2.6	170
06 / 10 / 2023 13:00	0.5	3.8	197	0.2	4.0	265	0.7	2.6	189
06 / 10 / 2023 12:30	0.6	4.0	213	0.2	3.2	228	0.6	2.3	219
06 / 10 / 2023 12:00	0.5	4.6	188	0.2	3.3	234	0.9	2.5	234
06 / 10 / 2023 11:30	0.5	4.5	189	0.2	3.7	230	0.8	3.1	207
06 / 10 / 2023 11:00	0.8	2.9	197	0.5	3.3	241	0.8	2.4	195
06 / 10 / 2023 10:30	1.1	2.1	183	0.5	2.4	248	0.8	1.9	210
06 / 10 / 2023 10:00	1.3	2.9	170	0.8	1.7	217	1.6	1.6	171
06 / 10 / 2023 09:30	1.9	1.7	173	1.9	1.3	208	0.7	1.3	149
06 / 10 / 2023 09:00	3.8	1.2	127	4.1	0.8	113	0.2	1.0	57
06 / 10 / 2023 08:30	8.8	1.5	164	1.0	1.0	173	0.5	0.8	159
06 / 10 / 2023 08:00	10.1	1.1	90	0.5	0.2	316	0.6	0.6	79
06 / 10 / 2023 07:30	13.5	1.2	51	0.4	0.3	345	0.5	1.2	73
06 / 10 / 2023 07:00	8.9	0.9	116	0.2	0.4	330	0.4	0.8	70
06 / 10 / 2023 06:30	4.9	0.8	229	0.2	0.4	8	0.2	0.2	296
06 / 10 / 2023 06:00	5.0	0.7	218	0.2	0.4	19	0.4	0.4	12
06 / 10 / 2023 05:30	5.2	1.1	212	0.2	0.3	5	0.6	0.5	217
06 / 10 / 2023 05:00	6.1	0.9	169	0.4	0.2	24	0.7	0.4	328
06 / 10 / 2023 04:30	8.2	1.4	204	0.2	0.4	24	0.7	0.3	298
06 / 10 / 2023 04:00	5.1	0.9	244	0.2	0.2	0	0.6	0.3	313
06 / 10 / 2023 03:30	5.1	0.8	172	0.2	0.2	25	0.8	0.2	346
06 / 10 / 2023 03:00	4.0	0.8	193	0.2	0.2	42	0.9	0.2	331
06 / 10 / 2023 02:30	3.3	1.1	210	0.2	0.3	45	1.1	0.2	329
06 / 10 / 2023 02:00	3.5	0.8	112	0.2	0.2	29	1.2	0.3	355
06 / 10 / 2023 01:30	1.1	1.0	183	0.5	0.3	26	AX	0.2	42
06 / 10 / 2023 01:00	0.6	0.6	214	AX	0.3	26	0.8	0.2	357
06 / 10 / 2023 00:30	AX	1.6	174	0.2	0.2	43	1.0	0.3	27

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
06 / 10 / 2023 00:00	0.8	1.3	180	0.2	0.2	29	0.9	0.3	305
06 / 09 / 2023 23:30	0.7	1.4	170	0.2	0.3	30	0.9	0.2	77
06 / 09 / 2023 23:00	0.7	1.6	178	0.2	0.2	42	0.6	0.2	21
06 / 09 / 2023 22:30	0.8	1.6	178	0.5	0.2	35	0.4	0.2	2
06 / 09 / 2023 22:00	0.8	1.5	167	0.4	0.2	52	0.4	0.3	13
06 / 09 / 2023 21:30	1.1	1.4	180	0.2	0.2	63	0.4	0.2	311
06 / 09 / 2023 21:00	1.0	2.3	194	0.2	0.4	63	0.4	0.3	348
06 / 09 / 2023 20:30	0.8	1.6	173	0.2	0.3	118	0.4	0.4	244
06 / 09 / 2023 20:00	0.8	2.2	190	0.2	0.2	104	0.7	0.2	282
06 / 09 / 2023 19:30	0.9	2.1	180	0.2	0.4	67	0.6	0.3	334
06 / 09 / 2023 19:00	0.9	2.6	130	0.2	0.3	86	0.2	0.3	268
06 / 09 / 2023 18:30	1.1	3.9	4	0.2	1.4	349	0.2	0.3	279
06 / 09 / 2023 18:00	0.8	5.2	5	0.2	2.6	324	0.2	0.5	253
06 / 09 / 2023 17:30	0.8	5.7	333	0.2	3.4	321	0.4	1.1	301
06 / 09 / 2023 17:00	0.7	8.1	327	0.2	2.9	344	0.2	1.8	2
06 / 09 / 2023 16:30	0.7	7.2	347	0.2	3.8	335	0.2	1.7	339
06 / 09 / 2023 16:00	0.8	5.7	9	0.2	4.1	316	0.2	2.0	352
06 / 09 / 2023 15:30	0.7	6.0	352	0.2	4.4	268	0.2	2.5	302
06 / 09 / 2023 15:00	0.6	4.9	333	0.2	3.3	346	0.2	2.4	11
06 / 09 / 2023 14:30	0.6	9.4	337	0.2	4.2	293	0.2	2.1	284
06 / 09 / 2023 14:00	0.6	9.6	333	0.2	4.8	335	0.2	2.5	14
06 / 09 / 2023 13:30	0.7	7.0	354	0.2	3.7	331	0.2	2.3	360
06 / 09 / 2023 13:00	0.8	5.2	313	0.2	3.4	281	0.2	1.8	2
06 / 09 / 2023 12:30	0.9	4.3	358	0.2	2.3	35	0.2	2.5	42
06 / 09 / 2023 12:00	0.9	4.1	353	0.2	3.6	306	0.2	2.4	8
06 / 09 / 2023 11:30	1.0	5.0	6	0.2	3.3	336	0.2	2.9	17
06 / 09 / 2023 11:00	0.9	5.4	21	0.2	3.3	331	0.4	2.3	352
06 / 09 / 2023 10:30	0.8	5.6	31	0.2	1.6	29	0.4	2.2	36
06 / 09 / 2023 10:00	1.1	6.1	43	0.2	1.9	37	0.2	3.2	62
06 / 09 / 2023 09:30	1.3	6.8	12	0.2	2.0	14	0.2	2.9	4
06 / 09 / 2023 09:00	1.6	7.7	11	0.2	3.4	322	0.5	2.9	355
06 / 09 / 2023 08:30	2.0	7.9	13	0.4	2.7	357	0.5	2.6	355
06 / 09 / 2023 08:00	2.9	6.9	24	0.5	2.4	347	0.6	2.6	358
06 / 09 / 2023 07:30	5.3	5.9	30	0.4	1.4	355	0.6	2.5	357
06 / 09 / 2023 07:00	10.7	4.6	30	0.2	0.6	360	0.5	1.3	1
06 / 09 / 2023 06:30	12.8	2.5	35	0.2	0.6	39	0.2	0.3	208
06 / 09 / 2023 06:00	7.2	0.7	304	0.2	0.2	4	0.2	0.3	293
06 / 09 / 2023 05:30	17.4	0.7	322	0.2	0.2	4	0.4	0.2	308
06 / 09 / 2023 05:00	6.3	1.1	93	0.2	0.2	44	0.2	0.3	342
06 / 09 / 2023 04:30	9.0	2.8	50	0.2	0.2	34	0.2	0.2	313
06 / 09 / 2023 04:00	9.1	2.0	43	0.2	0.3	53	0.4	0.3	267
06 / 09 / 2023 03:30	6.6	3.9	46	0.2	0.5	37	0.2	0.2	212
06 / 09 / 2023 03:00	10.7	4.1	45	0.2	0.3	29	0.4	0.3	19
06 / 09 / 2023 02:30	8.3	0.8	58	0.2	0.2	22	0.5	0.3	272
06 / 09 / 2023 02:00	2.9	1.1	121	0.2	0.2	33	0.7	0.3	300
06 / 09 / 2023 01:30	2.8	1.1	175	0.5	0.3	37	AX	0.3	295
06 / 09 / 2023 01:00	4.1	0.7	123	AX	0.2	36	0.2	0.2	303
06 / 09 / 2023 00:30	AX	0.5	139	0.2	0.3	43	0.2	0.2	332

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