



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

April 21, 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
04 / 14 / 2023 00:00	04 / 20 / 2023 23:59	0.4	0.7	1.1

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.

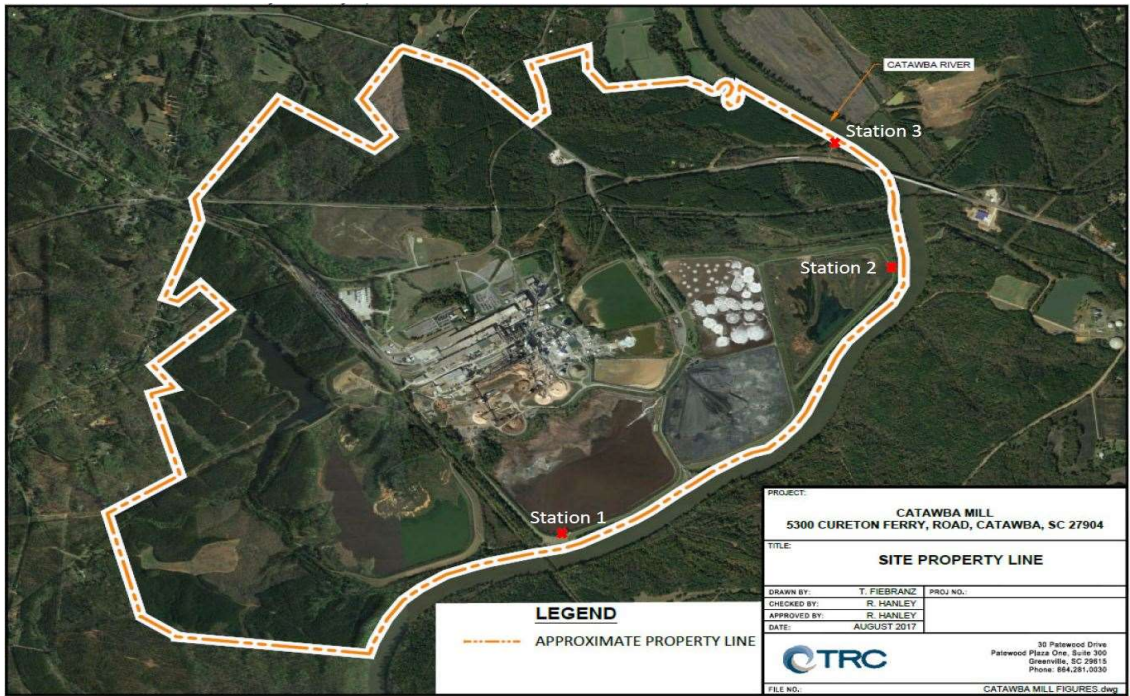
Pete Cleveland

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

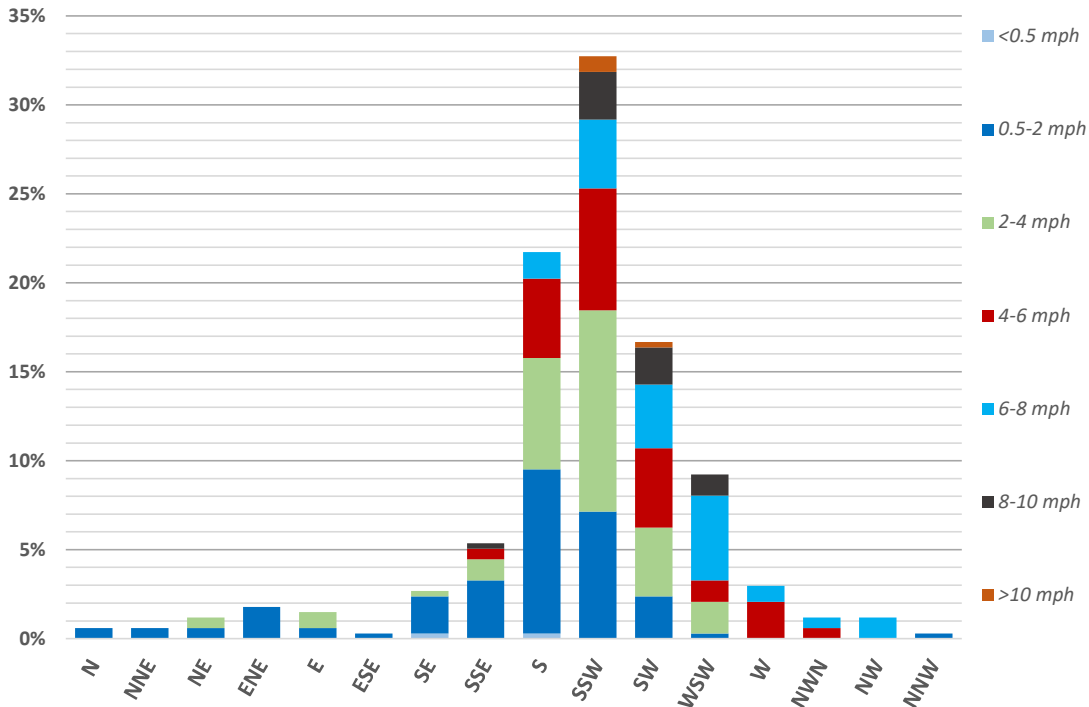
Attachments:

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



7-day Wind Speed vs Direction - 30min Avgs (percent of time "From" direction)

From: 04 / 08 / 2023 00:00
to: 04 / 20 / 2023 23:59



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
04 / 08 / 2023 00:00	04 / 14 / 2023 23:59	0.8	0.4	0.6	04 / 14 / 2023	0.5	0.3	0.6
04 / 09 / 2023 00:00	04 / 15 / 2023 23:59	0.7	0.4	0.7	04 / 15 / 2023	0.4	0.5	0.9
04 / 10 / 2023 00:00	04 / 16 / 2023 23:59	0.7	0.6	0.9	04 / 16 / 2023	0.4	1.1	1.9
04 / 11 / 2023 00:00	04 / 17 / 2023 23:59	0.7	0.7	1.0	04 / 17 / 2023	0.2	1.0	0.7
04 / 12 / 2023 00:00	04 / 18 / 2023 23:59	0.3	0.7	1.0	04 / 18 / 2023	0.2	0.8	1.1
04 / 13 / 2023 00:00	04 / 19 / 2023 23:59	0.4	0.7	1.0	04 / 19 / 2023	0.9	0.6	1.1

04 / 14 / 2023 00:00	04 / 20 / 2023 23:59	0.4	0.7	1.1	04 / 20 / 2023	0.2	0.8	1.5
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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
04 / 21 / 2023 00:00	0.2	2.4	226	3.4	0.4	58	4.1	0.2	306
04 / 20 / 2023 23:30	0.2	2.6	222	0.6	0.3	56	3.6	0.2	303
04 / 20 / 2023 23:00	0.2	2.1	216	0.2	0.4	33	2.7	0.3	281
04 / 20 / 2023 22:30	0.2	1.8	194	0.2	0.3	116	2.8	0.3	308
04 / 20 / 2023 22:00	0.2	1.4	205	0.2	0.3	57	1.9	0.3	320
04 / 20 / 2023 21:30	0.2	1.4	220	0.2	0.6	60	3.6	0.5	251
04 / 20 / 2023 21:00	0.2	2.2	195	0.2	0.3	97	5.1	0.3	48
04 / 20 / 2023 20:30	0.2	2.6	208	0.2	0.4	93	4.2	0.2	309
04 / 20 / 2023 20:00	0.2	2.8	212	0.2	0.2	83	1.4	0.2	309
04 / 20 / 2023 19:30	0.2	1.9	205	0.2	0.4	78	0.4	0.2	250
04 / 20 / 2023 19:00	0.2	2.7	181	0.2	1.2	183	0.7	0.6	192
04 / 20 / 2023 18:30	0.2	4.0	185	0.2	1.6	186	0.7	1.4	202
04 / 20 / 2023 18:00	0.2	5.3	184	0.2	2.6	205	1.8	2.3	195
04 / 20 / 2023 17:30	0.2	5.6	188	0.2	3.6	211	1.1	3.2	196
04 / 20 / 2023 17:00	0.2	7.6	190	0.2	4.7	199	0.5	3.6	189
04 / 20 / 2023 16:30	0.2	6.7	192	0.2	4.7	209	0.7	3.7	190
04 / 20 / 2023 16:00	0.2	7.1	201	0.2	4.2	212	0.6	3.4	193
04 / 20 / 2023 15:30	0.2	7.6	180	0.2	4.8	226	0.6	4.1	200
04 / 20 / 2023 15:00	0.2	6.1	204	0.2	5.1	221	0.5	3.1	188
04 / 20 / 2023 14:30	0.2	6.3	212	0.2	4.5	228	0.2	3.5	205
04 / 20 / 2023 14:00	0.2	5.4	215	0.4	5.2	230	0.2	3.5	206
04 / 20 / 2023 13:30	0.2	6.7	229	0.5	4.9	237	0.4	3.9	209
04 / 20 / 2023 13:00	0.2	5.6	223	0.6	4.8	252	0.2	2.5	210
04 / 20 / 2023 12:30	0.2	5.6	261	0.2	5.6	232	0.8	3.9	206
04 / 20 / 2023 12:00	0.2	6.3	219	0.2	4.7	222	0.8	3.5	199
04 / 20 / 2023 11:30	0.2	6.4	187	0.2	3.9	217	0.2	2.6	203
04 / 20 / 2023 11:00	0.2	4.7	208	0.2	3.9	216	0.2	2.4	222
04 / 20 / 2023 10:30	0.2	4.2	207	0.2	5.7	239	0.2	3.8	222
04 / 20 / 2023 10:00	0.2	5.3	223	0.2	4.5	230	0.2	4.2	221
04 / 20 / 2023 09:30	0.2	5.9	217	0.4	3.5	202	0.2	3.7	233
04 / 20 / 2023 09:00	0.2	4.2	203	1.1	2.9	200	2.1	2.7	205
04 / 20 / 2023 08:30	0.2	3.3	187	0.5	2.6	201	6.5	1.8	177
04 / 20 / 2023 08:00	0.4	1.3	211	2.4	1.5	200	9.3	1.4	177
04 / 20 / 2023 07:30	0.2	0.9	219	0.2	1.0	220	5.4	0.9	176
04 / 20 / 2023 07:00	0.2	1.2	209	0.6	1.0	221	0.8	0.5	182
04 / 20 / 2023 06:30	0.2	1.7	203	0.2	0.4	192	0.4	0.3	152
04 / 20 / 2023 06:00	0.2	2.3	196	0.5	0.3	117	0.2	0.3	148
04 / 20 / 2023 05:30	0.2	2.3	184	1.2	0.2	77	0.2	0.3	84
04 / 20 / 2023 05:00	0.2	1.6	175	6.2	0.3	58	0.8	0.2	339
04 / 20 / 2023 04:30	0.2	1.7	203	7.7	0.3	70	1.3	0.2	289
04 / 20 / 2023 04:00	0.2	1.7	212	5.3	0.3	88	0.2	0.2	268
04 / 20 / 2023 03:30	0.2	1.5	218	0.2	0.5	221	0.4	0.3	212
04 / 20 / 2023 03:00	0.2	1.3	196	0.2	0.3	267	0.9	0.2	208
04 / 20 / 2023 02:30	0.2	1.4	186	0.2	0.2	109	0.9	0.3	198
04 / 20 / 2023 02:00	0.2	1.4	181	0.2	0.3	66	0.7	0.2	274
04 / 20 / 2023 01:30	0.2	1.5	191	0.2	0.3	80	AX	0.3	221
04 / 20 / 2023 01:00	0.5	2.3	213	AX	0.5	127	0.8	0.3	261
04 / 20 / 2023 00:30	AX	2.0	192	0.5	0.6	158	0.8	0.5	169

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
04 / 20 / 2023 00:00	0.2	1.2	180	0.7	0.5	72	1.2	0.2	31
04 / 19 / 2023 23:30	0.2	1.3	185	0.8	0.2	58	1.4	0.2	284
04 / 19 / 2023 23:00	0.2	2.0	184	0.8	0.3	71	1.7	0.2	280
04 / 19 / 2023 22:30	0.2	1.5	190	1.2	0.3	66	2.3	0.2	270
04 / 19 / 2023 22:00	0.2	1.3	183	2.0	0.2	83	2.1	0.2	162
04 / 19 / 2023 21:30	0.2	1.4	173	2.0	0.3	73	4.7	0.3	58
04 / 19 / 2023 21:00	0.2	2.8	209	1.3	0.3	82	6.0	0.2	346
04 / 19 / 2023 20:30	0.4	2.5	207	0.2	0.3	70	5.4	0.2	354
04 / 19 / 2023 20:00	0.2	2.5	220	0.2	0.3	83	2.2	0.2	307
04 / 19 / 2023 19:30	0.2	2.7	214	0.2	0.6	72	1.4	0.2	239
04 / 19 / 2023 19:00	0.2	2.6	196	0.2	0.3	76	2.1	0.3	212
04 / 19 / 2023 18:30	0.2	2.5	174	0.2	1.2	170	1.1	0.4	225
04 / 19 / 2023 18:00	0.2	2.8	204	2.6	2.2	205	0.2	1.0	248
04 / 19 / 2023 17:30	0.2	4.7	226	0.8	3.8	224	1.0	1.1	239
04 / 19 / 2023 17:00	0.2	4.8	228	0.8	3.8	240	0.2	0.7	218
04 / 19 / 2023 16:30	0.2	4.6	213	0.6	4.5	231	0.2	2.1	239
04 / 19 / 2023 16:00	0.2	4.9	262	0.7	4.8	241	0.2	2.4	256
04 / 19 / 2023 15:30	0.2	4.6	236	0.4	4.2	246	0.4	2.4	216
04 / 19 / 2023 15:00	0.2	6.2	239	0.6	4.7	250	0.2	2.5	222
04 / 19 / 2023 14:30	0.2	4.9	253	0.2	4.2	246	0.2	3.2	201
04 / 19 / 2023 14:00	0.2	4.8	197	0.2	3.4	186	0.2	3.6	200
04 / 19 / 2023 13:30	0.2	4.2	172	0.2	3.3	200	0.2	2.7	182
04 / 19 / 2023 13:00	0.2	5.3	243	0.5	4.0	249	0.2	2.9	210
04 / 19 / 2023 12:30	0.2	4.3	202	0.2	2.8	201	0.2	2.3	145
04 / 19 / 2023 12:00	0.2	3.1	197	0.4	3.2	256	0.2	2.4	184
04 / 19 / 2023 11:30	0.5	2.7	257	0.2	2.8	232	0.2	1.9	200
04 / 19 / 2023 11:00	1.5	1.7	12	0.2	1.8	266	0.2	1.5	53
04 / 19 / 2023 10:30	4.2	0.9	108	0.2	0.9	86	0.2	0.9	108
04 / 19 / 2023 10:00	2.2	1.4	129	1.3	1.0	108	0.4	1.3	353
04 / 19 / 2023 09:30	3.4	1.2	177	1.6	0.8	201	0.8	1.0	31
04 / 19 / 2023 09:00	11.4	0.7	197	1.8	0.6	167	1.5	1.4	8
04 / 19 / 2023 08:30	11.6	1.0	25	2.0	0.5	309	2.9	0.8	21
04 / 19 / 2023 08:00	0.9	0.8	64	1.6	1.0	339	3.1	0.7	34
04 / 19 / 2023 07:30	0.2	1.1	207	0.2	0.4	354	1.7	0.6	54
04 / 19 / 2023 07:00	0.2	0.9	167	0.2	0.4	15	0.9	0.4	80
04 / 19 / 2023 06:30	0.2	1.8	196	0.2	0.5	42	0.2	0.3	13
04 / 19 / 2023 06:00	0.2	1.7	172	0.2	0.3	46	0.2	0.6	67
04 / 19 / 2023 05:30	0.2	1.5	160	0.2	0.4	45	0.5	0.3	62
04 / 19 / 2023 05:00	0.2	1.5	199	1.1	0.5	89	0.9	0.3	321
04 / 19 / 2023 04:30	0.2	1.8	190	0.2	0.6	151	0.5	0.3	301
04 / 19 / 2023 04:00	0.2	2.5	198	0.2	0.5	216	0.2	0.4	214
04 / 19 / 2023 03:30	0.2	1.4	175	0.2	0.5	54	0.2	0.5	66
04 / 19 / 2023 03:00	0.2	1.7	174	0.2	0.5	71	0.2	0.3	348
04 / 19 / 2023 02:30	0.2	1.5	191	0.2	0.6	55	0.4	0.3	284
04 / 19 / 2023 02:00	0.2	1.6	160	0.2	0.4	65	0.5	0.4	62
04 / 19 / 2023 01:30	0.2	0.3	183	0.2	0.6	51	AX	0.3	303
04 / 19 / 2023 01:00	0.2	0.8	167	AX	0.4	67	0.9	0.3	285
04 / 19 / 2023 00:30	AX	1.8	190	0.2	0.3	102	1.9	0.2	294

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
04 / 19 / 2023 00:00	0.2	1.6	186	0.2	0.3	174	1.1	0.3	321
04 / 18 / 2023 23:30	0.2	1.6	192	0.2	0.2	95	0.8	0.2	342
04 / 18 / 2023 23:00	0.2	1.6	186	0.2	0.3	110	0.2	0.4	282
04 / 18 / 2023 22:30	0.2	1.5	170	0.2	0.3	49	1.0	0.4	40
04 / 18 / 2023 22:00	0.2	1.9	173	0.2	0.3	116	2.7	0.5	146
04 / 18 / 2023 21:30	0.2	2.4	209	0.4	0.4	85	2.6	0.4	318
04 / 18 / 2023 21:00	0.2	2.2	194	0.2	0.4	100	1.3	0.3	64
04 / 18 / 2023 20:30	0.2	2.1	205	0.2	0.4	154	1.1	0.6	226
04 / 18 / 2023 20:00	0.2	1.9	176	0.2	0.5	124	0.5	0.5	181
04 / 18 / 2023 19:30	0.2	2.4	191	0.2	1.0	116	2.6	0.4	159
04 / 18 / 2023 19:00	0.2	4.0	200	0.2	1.7	192	1.9	0.6	226
04 / 18 / 2023 18:30	0.2	5.1	206	0.2	3.3	215	1.4	3.0	219
04 / 18 / 2023 18:00	0.2	5.8	207	0.8	4.5	220	1.4	4.3	215
04 / 18 / 2023 17:30	0.2	7.2	207	0.4	5.2	221	1.2	4.1	220
04 / 18 / 2023 17:00	0.2	7.3	213	0.2	5.7	217	1.0	4.3	209
04 / 18 / 2023 16:30	0.2	6.2	231	0.2	5.5	227	0.6	3.4	215
04 / 18 / 2023 16:00	0.2	5.5	243	0.7	5.7	228	0.4	2.8	226
04 / 18 / 2023 15:30	0.2	5.4	236	0.6	6.4	232	0.2	2.8	225
04 / 18 / 2023 15:00	0.2	5.5	247	0.9	5.0	249	0.2	3.2	233
04 / 18 / 2023 14:30	0.2	6.3	255	0.5	6.0	246	0.2	3.0	258
04 / 18 / 2023 14:00	0.2	6.5	236	0.4	5.4	233	0.2	2.7	228
04 / 18 / 2023 13:30	0.2	6.5	248	0.6	5.5	252	0.2	3.6	231
04 / 18 / 2023 13:00	0.2	5.8	230	1.4	6.1	271	0.2	3.4	252
04 / 18 / 2023 12:30	0.2	6.7	229	0.6	6.0	233	0.2	2.6	257
04 / 18 / 2023 12:00	0.2	6.6	249	0.7	6.4	247	0.2	4.2	216
04 / 18 / 2023 11:30	0.2	7.5	241	0.4	6.6	233	0.2	3.3	213
04 / 18 / 2023 11:00	0.2	6.5	222	0.2	6.3	223	0.2	3.7	226
04 / 18 / 2023 10:30	0.2	7.0	222	0.6	6.0	239	0.2	3.6	209
04 / 18 / 2023 10:00	0.2	5.6	236	1.1	5.9	241	0.2	3.3	243
04 / 18 / 2023 09:30	0.2	3.8	233	2.2	4.2	250	0.2	2.5	233
04 / 18 / 2023 09:00	0.4	2.8	219	6.0	3.3	229	1.7	1.1	240
04 / 18 / 2023 08:30	0.2	1.6	215	6.7	1.6	180	11.6	1.0	232
04 / 18 / 2023 08:00	0.2	1.3	197	0.2	0.4	209	6.9	0.5	127
04 / 18 / 2023 07:30	0.2	1.3	195	0.4	0.2	324	1.7	0.3	121
04 / 18 / 2023 07:00	0.2	1.5	200	0.5	0.3	16	1.0	0.3	78
04 / 18 / 2023 06:30	0.2	1.7	193	1.1	0.2	50	1.1	0.3	57
04 / 18 / 2023 06:00	0.2	1.8	196	1.3	0.3	78	1.0	0.3	5
04 / 18 / 2023 05:30	0.2	2.3	191	1.6	0.2	55	0.2	0.2	325
04 / 18 / 2023 05:00	0.2	2.0	177	0.4	0.4	90	0.2	0.2	308
04 / 18 / 2023 04:30	0.2	2.2	190	0.2	0.5	66	0.2	0.3	168
04 / 18 / 2023 04:00	0.2	1.6	158	0.2	0.4	56	0.2	0.5	73
04 / 18 / 2023 03:30	0.2	0.9	145	0.2	0.6	51	0.2	0.6	50
04 / 18 / 2023 03:00	0.2	2.5	199	0.2	0.3	63	0.4	0.5	110
04 / 18 / 2023 02:30	0.2	3.2	194	0.2	0.6	39	0.5	0.4	241
04 / 18 / 2023 02:00	0.2	2.3	168	0.2	0.7	48	0.2	0.5	71
04 / 18 / 2023 01:30	0.2	2.5	205	0.7	1.1	82	AX	0.6	95
04 / 18 / 2023 01:00	0.2	2.2	174	AX	0.7	110	0.5	0.7	96
04 / 18 / 2023 00:30	AX	1.6	164	1.9	0.9	52	1.2	0.9	18

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
04 / 18 / 2023 00:00	0.2	2.2	222	1.9	1.0	84	0.9	1.1	90
04 / 17 / 2023 23:30	0.2	4.0	189	0.4	0.6	224	0.8	0.6	203
04 / 17 / 2023 23:00	0.2	3.2	181	0.2	0.8	106	0.8	0.8	83
04 / 17 / 2023 22:30	0.2	2.5	170	0.5	0.6	72	1.4	0.3	32
04 / 17 / 2023 22:00	0.2	2.2	172	0.4	1.4	179	2.7	1.1	241
04 / 17 / 2023 21:30	0.2	3.3	210	0.9	2.5	168	3.4	1.7	214
04 / 17 / 2023 21:00	0.2	4.9	215	6.9	1.7	186	3.7	1.2	207
04 / 17 / 2023 20:30	0.2	4.5	211	0.2	1.4	200	3.2	1.5	193
04 / 17 / 2023 20:00	0.2	5.2	203	0.2	2.0	214	3.6	2.0	209
04 / 17 / 2023 19:30	0.2	4.4	188	0.2	2.7	190	1.9	1.6	211
04 / 17 / 2023 19:00	0.2	4.9	188	0.2	3.0	193	2.8	1.7	186
04 / 17 / 2023 18:30	0.2	5.6	197	0.7	4.0	212	1.1	3.2	210
04 / 17 / 2023 18:00	0.2	6.3	208	0.8	5.6	217	0.8	4.7	216
04 / 17 / 2023 17:30	0.2	8.6	216	1.0	7.0	226	0.7	5.1	214
04 / 17 / 2023 17:00	0.2	9.2	221	1.6	7.4	235	0.2	4.7	231
04 / 17 / 2023 16:30	0.2	8.5	232	1.4	9.4	234	0.2	3.6	239
04 / 17 / 2023 16:00	0.2	8.0	235	1.3	8.8	242	0.2	3.6	239
04 / 17 / 2023 15:30	0.2	8.7	245	0.9	8.2	247	0.2	4.8	235
04 / 17 / 2023 15:00	0.2	8.4	230	0.9	8.2	240	0.2	4.0	234
04 / 17 / 2023 14:30	0.2	7.9	239	0.6	7.8	250	0.2	3.0	247
04 / 17 / 2023 14:00	0.2	7.8	247	0.9	8.5	250	0.2	3.4	251
04 / 17 / 2023 13:30	0.2	7.1	247	1.4	8.2	243	0.2	3.3	250
04 / 17 / 2023 13:00	0.2	8.4	234	0.8	8.5	248	0.2	4.1	232
04 / 17 / 2023 12:30	0.2	8.9	254	1.1	8.0	247	0.2	4.1	235
04 / 17 / 2023 12:00	0.2	8.5	246	1.0	8.7	253	0.2	4.6	233
04 / 17 / 2023 11:30	0.2	7.6	239	0.7	7.5	252	0.2	3.6	232
04 / 17 / 2023 11:00	0.2	7.3	222	0.4	6.8	245	0.2	4.3	221
04 / 17 / 2023 10:30	0.2	6.8	253	0.9	7.7	256	0.2	2.7	259
04 / 17 / 2023 10:00	0.2	7.4	254	1.1	7.2	258	0.2	3.4	241
04 / 17 / 2023 09:30	0.2	6.8	266	1.2	7.0	252	0.2	2.0	266
04 / 17 / 2023 09:00	0.2	5.1	259	1.3	5.3	257	0.2	2.2	246
04 / 17 / 2023 08:30	0.2	6.0	210	1.2	3.7	234	0.2	2.4	228
04 / 17 / 2023 08:00	0.2	2.7	184	1.1	2.5	202	0.4	1.6	195
04 / 17 / 2023 07:30	0.2	3.5	193	0.6	0.2	194	0.2	0.7	142
04 / 17 / 2023 07:00	0.2	2.7	207	0.2	0.2	184	0.6	0.3	181
04 / 17 / 2023 06:30	0.4	1.3	231	0.2	0.2	185	0.2	0.4	237
04 / 17 / 2023 06:00	0.2	3.2	237	0.2	0.2	27	0.2	0.4	279
04 / 17 / 2023 05:30	0.2	5.1	275	0.2	0.8	344	0.2	0.7	199
04 / 17 / 2023 05:00	0.2	5.6	287	0.2	0.5	320	0.2	0.3	258
04 / 17 / 2023 04:30	0.9	6.1	314	0.2	0.7	323	0.2	0.3	212
04 / 17 / 2023 04:00	0.6	6.4	318	0.2	0.7	315	0.2	0.5	228
04 / 17 / 2023 03:30	0.9	6.4	315	0.2	1.3	340	0.2	0.3	198
04 / 17 / 2023 03:00	0.4	6.7	306	0.2	1.6	304	0.2	0.3	218
04 / 17 / 2023 02:30	0.2	4.0	271	0.2	2.4	276	0.2	0.4	211
04 / 17 / 2023 02:00	0.2	3.5	243	3.3	3.8	272	0.2	0.6	237
04 / 17 / 2023 01:30	0.2	5.2	232	4.0	4.2	247	AX	2.2	233
04 / 17 / 2023 01:00	0.2	6.0	235	AX	5.6	254	0.2	2.9	233
04 / 17 / 2023 00:30	AX	6.1	232	1.9	6.2	239	0.2	2.3	239

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
04 / 17 / 2023 00:00	0.2	6.4	215	2.6	5.6	228	0.6	4.0	226
04 / 16 / 2023 23:30	0.2	6.7	212	1.6	5.5	225	2.4	3.4	221
04 / 16 / 2023 23:00	0.2	6.7	202	0.7	4.7	216	2.8	3.8	210
04 / 16 / 2023 22:30	0.2	10.7	206	1.7	6.6	223	2.1	3.7	217
04 / 16 / 2023 22:00	0.2	14.3	210	1.5	7.0	225	2.2	4.9	227
04 / 16 / 2023 21:30	0.2	4.3	177	2.0	6.2	227	2.7	3.8	226
04 / 16 / 2023 21:00	0.2	1.7	132	0.2	2.5	201	3.8	2.4	204
04 / 16 / 2023 20:30	0.2	0.4	139	0.7	2.4	204	3.6	2.4	212
04 / 16 / 2023 20:00	0.2	2.4	185	0.2	2.5	202	4.4	2.5	211
04 / 16 / 2023 19:30	0.2	5.1	200	0.2	3.8	205	5.0	2.8	205
04 / 16 / 2023 19:00	0.2	8.3	194	0.2	5.6	207	3.7	3.3	224
04 / 16 / 2023 18:30	0.2	8.1	197	0.2	5.2	209	3.8	4.1	206
04 / 16 / 2023 18:00	0.2	8.1	198	0.2	6.3	214	2.6	4.6	209
04 / 16 / 2023 17:30	0.2	9.6	211	0.7	7.8	219	2.4	4.5	220
04 / 16 / 2023 17:00	0.2	8.6	205	0.5	7.1	220	1.7	4.9	214
04 / 16 / 2023 16:30	0.2	9.1	208	0.7	6.9	218	2.0	4.6	215
04 / 16 / 2023 16:00	0.2	10.5	206	0.2	7.8	215	1.9	5.6	209
04 / 16 / 2023 15:30	0.2	8.6	204	0.7	6.5	223	1.8	5.5	207
04 / 16 / 2023 15:00	0.2	10.5	215	0.8	7.7	219	1.3	5.1	222
04 / 16 / 2023 14:30	0.2	9.3	215	0.8	7.0	226	2.1	4.8	216
04 / 16 / 2023 14:00	0.2	8.9	212	0.7	7.0	222	1.1	5.7	210
04 / 16 / 2023 13:30	0.2	7.4	204	0.2	5.6	214	2.0	4.4	201
04 / 16 / 2023 13:00	0.2	7.8	215	0.8	6.7	230	1.8	4.4	220
04 / 16 / 2023 12:30	0.2	8.0	208	0.6	6.0	225	1.7	4.5	202
04 / 16 / 2023 12:00	0.2	7.4	207	0.2	5.7	215	1.7	4.1	209
04 / 16 / 2023 11:30	0.2	6.7	199	0.2	4.7	211	1.4	3.6	191
04 / 16 / 2023 11:00	0.2	5.0	196	0.2	4.5	216	1.5	3.5	188
04 / 16 / 2023 10:30	0.2	3.9	184	0.2	2.6	197	1.2	1.8	179
04 / 16 / 2023 10:00	0.2	2.6	206	1.5	1.7	203	0.4	1.4	224
04 / 16 / 2023 09:30	0.2	3.9	224	2.0	1.8	219	2.3	1.7	194
04 / 16 / 2023 09:00	0.2	5.3	197	0.2	2.3	218	1.8	2.2	190
04 / 16 / 2023 08:30	0.2	6.7	177	0.2	1.5	184	0.2	1.9	188
04 / 16 / 2023 08:00	0.4	4.0	170	0.2	0.7	109	0.6	1.7	164
04 / 16 / 2023 07:30	0.6	3.5	166	1.7	1.4	130	2.5	1.0	155
04 / 16 / 2023 07:00	1.5	2.4	153	4.7	1.3	71	2.8	1.2	113
04 / 16 / 2023 06:30	1.3	3.0	187	19.0	1.7	130	1.0	0.9	326
04 / 16 / 2023 06:00	0.2	2.1	222	0.8	0.9	219	0.2	0.6	186
04 / 16 / 2023 05:30	0.2	0.9	210	0.2	0.2	101	0.2	0.2	90
04 / 16 / 2023 05:00	0.7	1.0	175	0.2	0.4	95	0.4	0.2	56
04 / 16 / 2023 04:30	0.2	1.1	220	0.2	0.6	106	0.5	0.5	212
04 / 16 / 2023 04:00	0.8	1.8	189	0.2	0.4	125	0.5	0.4	151
04 / 16 / 2023 03:30	0.7	1.5	177	0.2	0.2	76	1.1	0.3	93
04 / 16 / 2023 03:00	0.8	1.4	163	0.4	0.5	74	3.0	0.2	13
04 / 16 / 2023 02:30	0.5	1.8	210	0.6	0.3	172	4.0	0.6	196
04 / 16 / 2023 02:00	1.0	2.1	204	1.4	0.3	89	BF	0.3	239
04 / 16 / 2023 01:30	1.8	2.4	193	BF	0.3	117	BF	0.2	217
04 / 16 / 2023 01:00	BF	1.4	183	BF	0.4	52	0.5	0.3	9
04 / 16 / 2023 00:30	BF	1.2	181	0.2	0.3	66	0.4	0.2	321

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
04 / 16 / 2023 00:00	0.7	1.1	169	0.2	0.6	70	0.8	0.3	12
04 / 15 / 2023 23:30	0.2	1.8	216	0.5	0.4	107	1.2	0.3	116
04 / 15 / 2023 23:00	0.6	0.8	171	0.2	0.3	114	0.5	0.4	152
04 / 15 / 2023 22:30	0.5	2.4	207	0.2	0.7	136	0.2	0.5	209
04 / 15 / 2023 22:00	0.6	1.7	185	0.2	0.3	119	0.2	0.2	197
04 / 15 / 2023 21:30	0.2	1.3	170	0.2	0.6	69	0.2	0.3	72
04 / 15 / 2023 21:00	0.4	1.6	199	0.2	0.6	38	1.1	0.8	134
04 / 15 / 2023 20:30	0.5	3.0	208	0.2	0.7	93	1.9	0.6	47
04 / 15 / 2023 20:00	0.5	2.6	199	0.2	0.8	91	2.3	0.7	351
04 / 15 / 2023 19:30	0.4	1.9	190	0.2	0.6	71	2.3	0.4	213
04 / 15 / 2023 19:00	0.4	2.7	188	0.2	0.9	188	1.3	0.4	262
04 / 15 / 2023 18:30	0.2	3.8	200	0.6	2.8	203	0.2	0.9	237
04 / 15 / 2023 18:00	0.2	2.9	217	1.6	3.5	247	0.2	1.5	230
04 / 15 / 2023 17:30	0.2	3.0	255	1.6	4.0	265	0.2	1.8	266
04 / 15 / 2023 17:00	0.2	4.0	263	0.9	4.3	274	0.2	1.0	316
04 / 15 / 2023 16:30	0.2	5.0	264	1.6	4.2	262	0.2	1.5	244
04 / 15 / 2023 16:00	0.4	3.3	253	1.4	4.2	258	0.2	1.3	301
04 / 15 / 2023 15:30	0.2	6.5	270	1.0	5.3	265	0.2	2.4	236
04 / 15 / 2023 15:00	0.2	5.6	228	1.2	6.7	251	0.2	3.5	232
04 / 15 / 2023 14:30	0.4	7.5	289	1.2	6.3	274	0.2	2.4	249
04 / 15 / 2023 14:00	0.2	7.6	256	1.7	7.6	247	0.2	2.7	259
04 / 15 / 2023 13:30	0.2	6.6	249	2.0	8.0	264	0.2	3.8	241
04 / 15 / 2023 13:00	0.4	7.2	271	BC	7.6	259	0.2	2.8	245
04 / 15 / 2023 12:30	0.2	8.1	255	BC	8.0	255	0.2	3.0	252
04 / 15 / 2023 12:00	0.2	7.6	238	BC	6.7	238	0.2	3.4	239
04 / 15 / 2023 11:30	0.2	7.2	237	BC	6.2	250	0.2	3.5	234
04 / 15 / 2023 11:00	0.2	7.4	239	AX	6.7	235	0.2	2.7	239
04 / 15 / 2023 10:30	0.2	5.1	230	AX	6.2	236	0.2	2.3	255
04 / 15 / 2023 10:00	0.2	4.6	208	0.2	4.3	209	0.8	2.9	219
04 / 15 / 2023 09:30	0.2	4.9	206	0.2	4.8	219	1.2	3.6	195
04 / 15 / 2023 09:00	0.2	4.9	198	0.2	3.9	204	1.4	3.0	177
04 / 15 / 2023 08:30	0.4	2.6	191	0.2	2.2	192	2.1	1.8	169
04 / 15 / 2023 08:00	0.4	2.6	205	0.2	1.6	196	2.5	1.3	163
04 / 15 / 2023 07:30	0.2	1.3	198	0.2	2.6	181	2.3	1.0	167
04 / 15 / 2023 07:00	0.2	1.5	178	0.5	1.7	178	1.8	0.5	129
04 / 15 / 2023 06:30	5.7	2.1	214	0.2	1.0	164	1.2	0.4	173
04 / 15 / 2023 06:00	0.2	2.6	197	0.2	0.8	145	0.4	0.3	127
04 / 15 / 2023 05:30	0.2	2.4	197	0.2	0.4	115	0.2	0.2	169
04 / 15 / 2023 05:00	0.4	2.5	184	0.2	0.5	104	0.2	0.3	179
04 / 15 / 2023 04:30	0.9	1.6	147	0.4	0.7	61	0.2	0.4	159
04 / 15 / 2023 04:00	0.2	1.5	165	0.6	0.8	76	0.2	0.5	324
04 / 15 / 2023 03:30	0.2	1.3	160	0.4	0.8	94	0.6	0.4	207
04 / 15 / 2023 03:00	0.6	1.1	205	0.2	0.7	74	1.2	0.3	257
04 / 15 / 2023 02:30	0.4	2.0	189	0.2	1.7	141	1.9	0.8	149
04 / 15 / 2023 02:00	0.2	2.2	194	0.2	2.3	171	2.9	0.8	154
04 / 15 / 2023 01:30	0.2	2.1	201	0.2	1.7	174	AX	1.0	179
04 / 15 / 2023 01:00	0.2	3.6	218	AX	1.5	206	2.9	1.0	216
04 / 15 / 2023 00:30	AX	4.8	203	0.2	2.3	214	2.9	1.5	211

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
04 / 15 / 2023 00:00	0.2	5.0	184	0.2	2.7	206	1.0	1.9	186
04 / 14 / 2023 23:30	0.2	4.3	185	0.2	2.1	187	1.3	1.9	174
04 / 14 / 2023 23:00	0.2	5.6	183	0.2	2.8	184	2.0	2.0	159
04 / 14 / 2023 22:30	0.2	5.2	190	0.2	2.5	189	3.6	1.6	181
04 / 14 / 2023 22:00	0.2	2.9	198	0.2	0.8	243	2.5	1.5	197
04 / 14 / 2023 21:30	0.2	3.0	198	0.2	0.7	198	0.4	1.1	187
04 / 14 / 2023 21:00	0.2	4.0	166	0.4	0.5	108	0.2	0.2	163
04 / 14 / 2023 20:30	0.5	2.9	98	0.8	0.4	100	0.2	0.2	253
04 / 14 / 2023 20:00	0.2	1.2	134	1.1	0.6	69	0.5	0.3	350
04 / 14 / 2023 19:30	0.2	1.3	144	0.9	1.0	59	0.7	0.4	302
04 / 14 / 2023 19:00	0.6	2.7	203	0.7	2.0	118	1.1	1.1	270
04 / 14 / 2023 18:30	0.2	8.2	165	0.2	4.1	177	0.8	2.7	181
04 / 14 / 2023 18:00	0.2	3.5	249	0.2	1.2	51	0.4	0.7	262
04 / 14 / 2023 17:30	3.0	1.6	216	0.2	0.7	71	0.2	0.3	199
04 / 14 / 2023 17:00	3.7	3.2	51	0.2	1.1	38	0.2	0.8	332
04 / 14 / 2023 16:30	0.5	3.4	81	0.2	1.8	66	0.2	2.2	66
04 / 14 / 2023 16:00	0.5	5.4	300	0.2	4.6	288	0.2	0.9	284
04 / 14 / 2023 15:30	0.2	6.2	292	0.6	4.6	263	0.6	1.3	299
04 / 14 / 2023 15:00	0.2	5.8	196	0.2	3.6	212	0.2	1.6	215
04 / 14 / 2023 14:30	0.2	6.6	171	0.2	4.0	188	0.5	3.1	169
04 / 14 / 2023 14:00	0.2	5.8	193	0.2	4.5	213	1.4	3.5	200
04 / 14 / 2023 13:30	0.2	3.8	208	0.6	4.8	241	0.9	3.0	219
04 / 14 / 2023 13:00	0.2	5.1	209	1.2	5.0	240	0.8	3.0	219
04 / 14 / 2023 12:30	0.2	5.7	212	0.2	4.3	223	0.8	3.2	192
04 / 14 / 2023 12:00	0.2	3.9	224	0.4	3.2	228	0.7	2.6	196
04 / 14 / 2023 11:30	0.2	4.3	232	0.2	4.5	218	0.7	3.6	198
04 / 14 / 2023 11:00	0.2	4.8	190	0.2	3.0	198	0.2	2.4	183
04 / 14 / 2023 10:30	0.2	4.3	168	0.2	2.6	207	0.8	2.2	201
04 / 14 / 2023 10:00	0.2	4.6	174	0.2	2.2	200	0.2	1.6	177
04 / 14 / 2023 09:30	0.7	1.7	3	0.7	1.1	98	0.8	1.5	65
04 / 14 / 2023 09:00	1.0	1.8	9	0.9	1.2	19	0.2	0.9	37
04 / 14 / 2023 08:30	0.8	1.7	251	0.2	1.6	290	0.2	1.2	272
04 / 14 / 2023 08:00	1.0	0.8	76	0.2	0.7	30	0.2	0.4	329
04 / 14 / 2023 07:30	2.0	1.3	52	0.2	0.5	23	0.2	0.4	329
04 / 14 / 2023 07:00	1.5	2.2	45	0.2	0.4	40	0.2	0.5	350
04 / 14 / 2023 06:30	0.6	1.1	61	0.2	0.4	41	0.2	0.2	22
04 / 14 / 2023 06:00	0.9	0.9	339	0.2	0.7	22	0.2	0.3	300
04 / 14 / 2023 05:30	0.2	1.1	61	0.2	0.7	22	0.2	0.6	353
04 / 14 / 2023 05:00	0.4	1.3	89	0.2	0.6	37	0.2	0.4	37
04 / 14 / 2023 04:30	0.4	1.2	135	0.2	0.6	53	0.2	0.8	96
04 / 14 / 2023 04:00	0.4	0.8	85	0.2	1.2	211	0.6	0.9	165
04 / 14 / 2023 03:30	0.2	2.3	150	0.2	1.1	122	0.4	1.3	165
04 / 14 / 2023 03:00	0.2	3.0	101	0.2	0.9	59	0.2	1.2	96
04 / 14 / 2023 02:30	0.2	2.6	127	0.2	0.8	40	0.2	1.1	130
04 / 14 / 2023 02:00	0.2	1.6	132	0.2	0.8	42	0.5	0.5	67
04 / 14 / 2023 01:30	0.2	1.9	73	0.2	0.5	54	AX	0.7	346
04 / 14 / 2023 01:00	0.2	1.6	74	AX	0.6	16	0.2	0.8	308
04 / 14 / 2023 00:30	AX	1.3	52	0.2	0.7	42	0.5	0.6	295

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