



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 3, 2023

Mr. Taylor:

I am submitting this report pursuant to Paragraph 2(b) of EPA's November 16, 2023 Consent Decree. Attached is a map indicating the locations of the three on-site monitors and a summary table of recent 7-day rolling average values. Also attached are the compiled 30-minute average values for both H2S readings and meteorological data for each onsite monitoring station.

Paragraph 2(b)

The rolling 7-day averages for H2S readings for this period are summarized as follows:

7-day Period		Onsite 7-day Avgs, ppb H ₂ S		
Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3
01 / 27 / 2023 00:00	02 / 02 / 2023 23:59	0.6	0.6	0.8

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

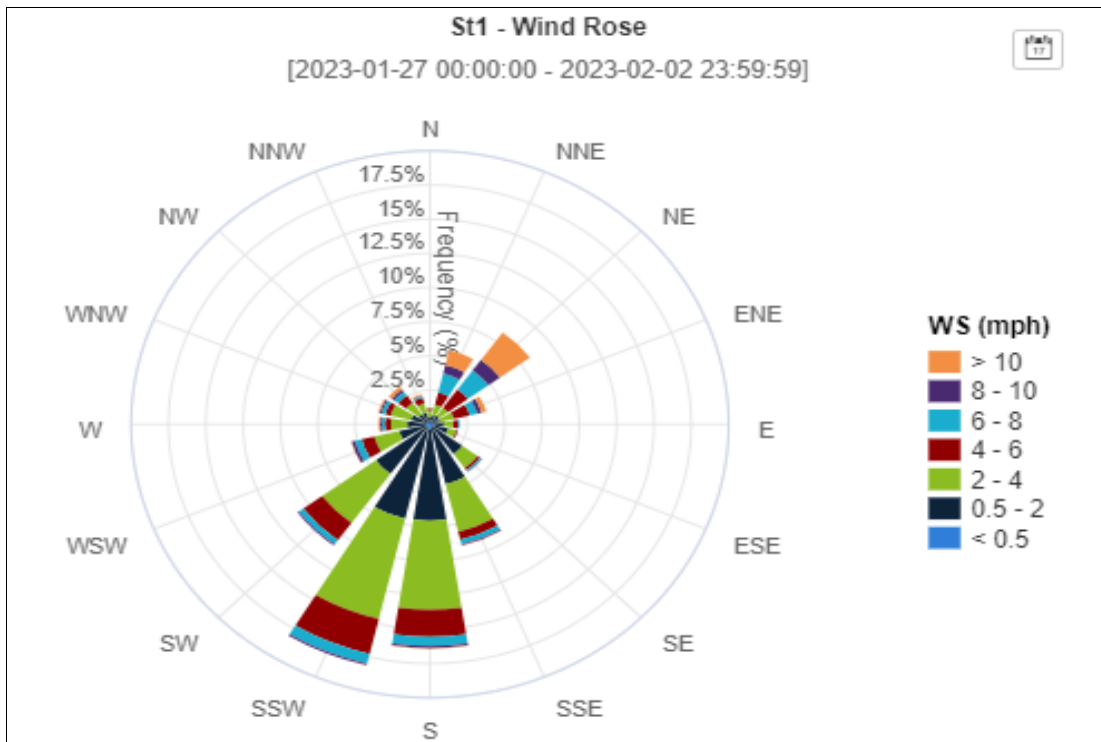
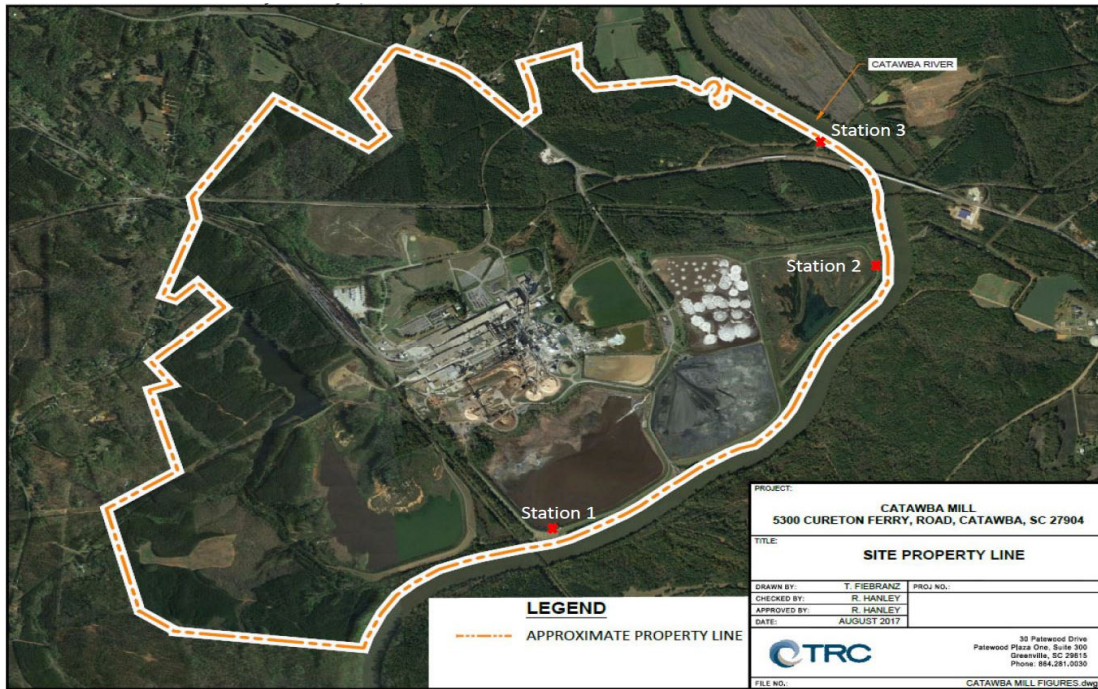
Technical Manager

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 / 21 / 2023 00:00	01 / 27 / 2023 23:59	0.6	0.7	0.6	01 / 27 / 2023	0.2	0.7	0.9
01 / 22 / 2023 00:00	01 / 28 / 2023 23:59	0.5	0.8	0.7	01 / 28 / 2023	0.2	0.9	0.9
01 / 23 / 2023 00:00	01 / 29 / 2023 23:59	0.3	0.9	0.7	01 / 29 / 2023	0.3	0.3	0.6
01 / 24 / 2023 00:00	01 / 30 / 2023 23:59	0.3	0.8	0.8	01 / 30 / 2023	0.7	0.4	0.6
01 / 25 / 2023 00:00	01 / 31 / 2023 23:59	0.3	0.7	0.8	01 / 31 / 2023	0.4	0.4	1.2
01 / 26 / 2023 00:00	02 / 01 / 2023 23:59	0.4	0.8	0.8	02 / 01 / 2023	0.9	1.1	1.1
01 / 27 / 2023 00:00	02 / 02 / 2023 23:59	0.6	0.6	0.8	02 / 02 / 2023	1.5	0.3	0.4

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
02 / 03 / 2023 00:00	0.5	2.1	186	0.2	1.9	209	1.1	0.4	235
02 / 02 / 2023 23:30	0.5	2.3	186	1.2	0.8	162	0.7	0.5	201
02 / 02 / 2023 23:00	1.4	1.6	214	0.2	0.2	9	1.3	0.2	215
02 / 02 / 2023 22:30	0.5	1.5	227	0.2	0.4	88	0.6	0.2	214
02 / 02 / 2023 22:00	0.6	2.3	189	0.6	0.5	136	0.2	0.6	171
02 / 02 / 2023 21:30	0.5	1.6	206	0.2	0.9	310	0.2	0.5	189
02 / 02 / 2023 21:00	0.4	1.2	163	0.2	0.4	100	0.2	0.3	130
02 / 02 / 2023 20:30	0.5	1.8	185	0.2	0.4	72	0.8	0.5	145
02 / 02 / 2023 20:00	0.6	1.8	246	0.2	0.4	282	0.4	0.3	227
02 / 02 / 2023 19:30	1.6	1.8	294	0.2	0.6	46	0.4	0.6	21
02 / 02 / 2023 19:00	2.0	1.4	233	0.2	1.0	14	0.6	0.4	293
02 / 02 / 2023 18:30	0.5	2.2	191	0.2	0.9	172	1.3	0.4	146
02 / 02 / 2023 18:00	0.5	1.7	220	0.7	0.8	248	0.8	0.4	258
02 / 02 / 2023 17:30	0.8	2.1	168	0.9	0.5	137	0.8	0.6	161
02 / 02 / 2023 17:00	0.8	2.1	174	1.2	0.9	191	0.6	0.6	188
02 / 02 / 2023 16:30	0.8	2.0	145	0.8	1.2	222	0.2	0.7	188
02 / 02 / 2023 16:00	0.8	2.7	137	0.2	0.8	160	0.2	0.7	114
02 / 02 / 2023 15:30	0.9	1.5	152	0.5	0.9	303	0.2	0.4	253
02 / 02 / 2023 15:00	1.1	1.2	172	0.2	1.0	301	0.2	0.5	286
02 / 02 / 2023 14:30	1.2	0.6	209	0.2	0.7	9	0.2	0.9	349
02 / 02 / 2023 14:00	2.5	1.9	288	0.2	1.4	357	0.2	0.4	5
02 / 02 / 2023 13:30	1.3	2.3	303	0.2	1.3	16	0.2	1.0	335
02 / 02 / 2023 13:00	0.2	1.2	135	0.2	0.7	111	0.4	1.1	40
02 / 02 / 2023 12:30	0.2	2.1	143	0.2	1.4	151	0.5	1.0	168
02 / 02 / 2023 12:00	0.2	3.6	151	0.2	1.6	147	0.5	1.6	174
02 / 02 / 2023 11:30	0.2	3.5	128	0.2	1.9	121	0.5	1.8	144
02 / 02 / 2023 11:00	1.9	5.7	43	0.2	1.9	63	0.4	2.1	36
02 / 02 / 2023 10:30	1.6	5.6	40	0.2	1.7	45	0.2	2.2	9
02 / 02 / 2023 10:00	3.7	7.2	40	0.2	1.8	61	0.2	2.1	28
02 / 02 / 2023 09:30	3.3	7.0	31	0.2	1.8	44	0.2	2.6	28
02 / 02 / 2023 09:00	0.4	3.5	68	0.2	1.6	58	0.2	1.7	35
02 / 02 / 2023 08:30	2.8	6.9	35	0.2	1.4	52	0.2	1.6	15
02 / 02 / 2023 08:00	1.9	6.1	40	0.2	1.7	43	0.2	1.6	19
02 / 02 / 2023 07:30	0.6	4.2	57	0.2	1.1	58	0.2	1.8	34
02 / 02 / 2023 07:00	0.8	4.1	55	0.2	0.8	72	0.2	1.3	43
02 / 02 / 2023 06:30	3.2	7.0	37	0.2	1.8	43	0.2	1.9	13
02 / 02 / 2023 06:00	3.0	7.5	29	0.2	2.3	51	0.2	2.6	20
02 / 02 / 2023 05:30	2.5	6.2	33	0.2	2.0	21	0.2	2.2	1
02 / 02 / 2023 05:00	0.2	4.3	61	0.2	1.1	65	0.2	1.9	40
02 / 02 / 2023 04:30	0.2	3.8	66	0.2	1.1	71	0.2	1.5	49
02 / 02 / 2023 04:00	0.2	4.8	59	0.2	1.3	58	0.2	2.6	38
02 / 02 / 2023 03:30	0.7	4.7	63	0.2	1.5	74	0.2	2.2	50
02 / 02 / 2023 03:00	2.6	5.6	37	0.2	1.3	58	0.2	2.4	17
02 / 02 / 2023 02:30	4.9	5.0	21	0.2	1.7	19	0.2	1.8	349
02 / 02 / 2023 02:00	5.3	7.6	29	0.2	1.8	39	0.2	2.2	13
02 / 02 / 2023 01:30	4.1	7.2	32	0.2	1.8	37	AX	2.4	9
02 / 02 / 2023 01:00	4.4	7.5	31	AX	1.4	48	0.2	2.1	19
02 / 02 / 2023 00:30	AX	6.7	32	0.2	2.0	39	0.2	2.2	23

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 / 02 / 2023 00:00	1.5	12.6	45	0.2	1.8	57	0.2	2.6	27
02 / 01 / 2023 23:30	0.5	5.9	49	0.2	1.6	45	0.2	2.1	26
02 / 01 / 2023 23:00	0.2	4.6	66	0.2	1.4	67	0.2	1.8	43
02 / 01 / 2023 22:30	1.0	5.7	47	0.2	1.3	53	0.2	1.9	35
02 / 01 / 2023 22:00	0.9	5.3	42	0.2	1.4	50	0.2	2.1	32
02 / 01 / 2023 21:30	0.2	2.7	76	0.2	1.8	75	0.2	2.2	59
02 / 01 / 2023 21:00	0.2	4.4	83	0.2	1.8	104	0.2	2.0	89
02 / 01 / 2023 20:30	0.2	5.0	69	0.2	2.1	79	0.2	2.6	51
02 / 01 / 2023 20:00	0.2	6.0	77	0.2	2.0	86	0.2	3.1	65
02 / 01 / 2023 19:30	0.7	7.4	57	0.2	2.1	77	0.2	3.4	48
02 / 01 / 2023 19:00	0.9	10.7	51	0.2	3.3	73	0.2	4.1	44
02 / 01 / 2023 18:30	1.6	12.2	45	0.2	3.1	69	0.2	3.5	39
02 / 01 / 2023 18:00	1.2	11.8	46	0.2	3.0	56	0.2	5.0	31
02 / 01 / 2023 17:30	0.4	8.7	57	0.2	2.9	67	0.2	4.8	29
02 / 01 / 2023 17:00	1.3	9.9	49	0.2	3.9	71	0.2	3.4	39
02 / 01 / 2023 16:30	1.2	10.8	46	0.2	3.4	64	0.2	4.4	34
02 / 01 / 2023 16:00	1.4	9.8	51	0.2	3.4	60	0.2	5.3	42
02 / 01 / 2023 15:30	1.5	11.0	47	0.2	3.2	58	0.2	4.7	33
02 / 01 / 2023 15:00	1.3	10.1	49	0.2	3.4	66	0.2	4.8	50
02 / 01 / 2023 14:30	3.1	11.1	35	0.2	3.2	69	0.2	4.4	33
02 / 01 / 2023 14:00	2.9	10.3	32	0.2	3.2	65	0.2	3.4	35
02 / 01 / 2023 13:30	2.8	11.9	37	0.2	3.5	61	0.2	3.7	28
02 / 01 / 2023 13:00	3.0	12.8	37	0.2	3.5	67	0.2	4.9	23
02 / 01 / 2023 12:30	3.1	13.4	32	0.2	3.6	52	0.2	4.8	24
02 / 01 / 2023 12:00	1.7	13.9	41	0.2	3.0	60	0.2	5.9	31
02 / 01 / 2023 11:30	3.5	12.3	34	0.2	3.8	62	0.2	5.0	30
02 / 01 / 2023 11:00	1.5	14.9	43	0.2	4.0	65	0.2	5.2	24
02 / 01 / 2023 10:30	1.9	14.7	16	0.2	5.7	54	0.2	7.2	28
02 / 01 / 2023 10:00	0.2	2.6	273	0.2	2.7	294	0.2	1.5	350
02 / 01 / 2023 09:30	0.2	2.4	290	0.2	1.6	2	0.2	0.8	345
02 / 01 / 2023 09:00	0.5	1.6	275	0.2	1.9	293	0.2	1.2	351
02 / 01 / 2023 08:30	0.7	1.8	299	0.2	1.8	311	1.2	0.6	303
02 / 01 / 2023 08:00	0.2	2.5	171	0.2	1.5	129	0.9	1.1	184
02 / 01 / 2023 07:30	0.2	2.7	213	7.9	2.2	202	0.2	0.8	273
02 / 01 / 2023 07:00	0.2	4.6	227	8.5	2.9	240	2.7	0.9	247
02 / 01 / 2023 06:30	0.6	3.9	204	0.7	2.2	177	2.4	1.4	179
02 / 01 / 2023 06:00	0.2	3.4	221	0.2	1.4	231	2.0	0.9	222
02 / 01 / 2023 05:30	0.2	4.9	194	0.2	3.1	196	1.2	1.7	189
02 / 01 / 2023 05:00	0.2	2.8	208	1.9	3.9	250	0.2	1.4	190
02 / 01 / 2023 04:30	0.2	3.1	232	3.0	3.4	239	0.2	1.4	267
02 / 01 / 2023 04:00	0.5	3.7	252	1.6	3.4	246	3.5	1.3	256
02 / 01 / 2023 03:30	0.4	4.7	208	2.5	4.4	226	2.2	3.2	216
02 / 01 / 2023 03:00	0.2	6.2	218	1.5	5.6	239	1.9	2.9	226
02 / 01 / 2023 02:30	0.2	7.2	242	4.2	7.5	253	0.2	2.9	243
02 / 01 / 2023 02:00	0.2	5.2	225	3.9	5.2	236	0.2	2.9	242
02 / 01 / 2023 01:30	0.2	4.4	245	2.0	5.9	260	AX	2.3	254
02 / 01 / 2023 01:00	0.2	3.5	225	AX	2.5	221	7.6	1.3	220
02 / 01 / 2023 00:30	AX	3.1	214	3.4	2.1	208	8.1	0.7	190

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 / 01 / 2023 00:00	0.2	4.5	219	4.4	2.9	234	9.6	1.7	231
01 / 31 / 2023 23:30	0.5	5.1	200	0.7	2.4	222	4.1	1.3	185
01 / 31 / 2023 23:00	0.6	2.4	214	0.2	1.0	193	0.2	0.8	170
01 / 31 / 2023 22:30	0.2	2.6	210	0.2	0.6	45	0.2	0.4	169
01 / 31 / 2023 22:00	0.7	2.4	165	0.2	1.1	168	0.2	1.0	160
01 / 31 / 2023 21:30	1.2	1.3	44	0.2	0.5	73	0.2	0.2	347
01 / 31 / 2023 21:00	0.4	0.8	277	0.2	0.7	23	0.2	0.7	272
01 / 31 / 2023 20:30	0.8	1.5	165	0.2	0.8	139	0.2	0.6	189
01 / 31 / 2023 20:00	1.5	1.9	199	0.2	0.7	353	0.2	0.4	232
01 / 31 / 2023 19:30	3.2	1.5	81	0.2	1.0	63	0.2	0.5	297
01 / 31 / 2023 19:00	0.7	2.0	346	0.2	1.5	36	0.2	0.8	333
01 / 31 / 2023 18:30	0.2	2.3	176	0.2	1.5	145	1.2	0.5	100
01 / 31 / 2023 18:00	0.2	2.2	204	0.2	1.3	210	0.2	0.6	270
01 / 31 / 2023 17:30	0.2	1.9	167	0.2	1.1	159	0.2	1.1	155
01 / 31 / 2023 17:00	0.2	3.2	183	0.2	1.9	194	1.6	1.2	179
01 / 31 / 2023 16:30	0.2	1.9	226	2.9	2.8	225	0.4	0.7	246
01 / 31 / 2023 16:00	0.2	3.1	223	0.2	3.3	225	2.1	0.8	224
01 / 31 / 2023 15:30	0.2	4.2	214	0.2	3.6	219	3.0	1.6	220
01 / 31 / 2023 15:00	0.2	4.4	205	0.2	4.8	222	3.5	2.0	213
01 / 31 / 2023 14:30	0.6	4.8	198	0.2	4.6	228	2.4	3.3	193
01 / 31 / 2023 14:00	0.2	5.2	205	0.2	4.4	227	4.0	2.4	207
01 / 31 / 2023 13:30	0.2	5.5	208	0.2	4.9	231	3.7	3.0	221
01 / 31 / 2023 13:00	0.2	6.2	197	0.2	4.4	230	2.7	3.5	186
01 / 31 / 2023 12:30	0.2	5.4	196	0.2	5.0	224	2.0	3.9	196
01 / 31 / 2023 12:00	0.2	5.4	205	0.2	3.6	212	1.3	2.5	181
01 / 31 / 2023 11:30	0.2	3.7	196	0.2	3.3	216	0.9	3.0	188
01 / 31 / 2023 11:00	0.2	2.8	190	0.2	1.9	208	0.2	1.8	183
01 / 31 / 2023 10:30	0.2	2.7	167	0.2	1.3	163	0.8	1.2	168
01 / 31 / 2023 10:00	0.2	2.2	213	0.2	1.5	230	1.7	1.5	185
01 / 31 / 2023 09:30	0.2	2.4	198	0.2	2.2	224	8.1	1.7	172
01 / 31 / 2023 09:00	0.2	2.7	207	0.2	2.0	227	2.0	1.7	184
01 / 31 / 2023 08:30	0.2	3.3	188	0.2	2.1	205	0.2	1.8	165
01 / 31 / 2023 08:00	0.2	2.1	187	0.2	1.2	200	0.2	1.3	172
01 / 31 / 2023 07:30	0.2	2.4	177	0.2	1.5	177	0.2	1.2	147
01 / 31 / 2023 07:00	0.2	2.5	162	0.2	1.1	169	0.2	1.0	138
01 / 31 / 2023 06:30	0.2	1.9	158	1.6	1.2	178	0.7	0.8	122
01 / 31 / 2023 06:00	0.2	1.0	244	1.3	1.2	179	0.2	0.7	270
01 / 31 / 2023 05:30	0.2	1.9	233	0.2	1.1	240	0.2	0.7	293
01 / 31 / 2023 05:00	0.2	1.8	162	0.2	1.3	178	0.2	0.4	176
01 / 31 / 2023 04:30	0.2	1.3	231	0.8	1.0	230	0.2	0.6	344
01 / 31 / 2023 04:00	0.2	1.3	216	0.2	1.3	218	0.6	0.7	218
01 / 31 / 2023 03:30	0.2	2.4	214	1.9	3.1	236	0.2	1.6	244
01 / 31 / 2023 03:00	0.2	2.9	231	1.3	3.6	242	1.6	1.8	233
01 / 31 / 2023 02:30	0.2	3.7	207	0.2	2.6	225	1.7	2.0	207
01 / 31 / 2023 02:00	0.2	4.1	197	0.2	2.3	216	0.7	2.3	202
01 / 31 / 2023 01:30	0.2	1.9	227	0.2	1.1	193	AX	1.3	193
01 / 31 / 2023 01:00	0.2	2.5	204	AX	1.4	207	1.0	1.7	173
01 / 31 / 2023 00:30	AX	2.1	180	0.4	1.0	202	0.4	1.5	161

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 / 31 / 2023 00:00	1.0	1.2	245	0.5	1.2	10	0.2	0.7	319
01 / 30 / 2023 23:30	0.2	1.8	198	0.2	0.5	222	0.2	0.6	186
01 / 30 / 2023 23:00	0.6	2.3	216	0.2	1.1	88	0.2	0.9	236
01 / 30 / 2023 22:30	0.5	2.7	195	0.2	0.9	134	0.2	1.2	175
01 / 30 / 2023 22:00	0.2	2.7	199	0.2	0.9	166	0.2	0.8	174
01 / 30 / 2023 21:30	0.2	2.5	192	0.2	0.7	151	0.2	0.6	123
01 / 30 / 2023 21:00	0.2	2.5	240	0.2	0.5	109	0.7	0.5	344
01 / 30 / 2023 20:30	0.2	1.6	184	0.2	0.7	112	1.2	0.6	179
01 / 30 / 2023 20:00	0.2	4.2	195	0.2	1.0	182	3.7	0.9	178
01 / 30 / 2023 19:30	0.2	3.7	207	0.2	0.6	199	1.5	1.0	170
01 / 30 / 2023 19:00	0.2	3.5	198	0.2	1.0	197	2.4	0.6	193
01 / 30 / 2023 18:30	0.2	3.1	194	0.2	1.4	175	3.6	0.8	187
01 / 30 / 2023 18:00	0.2	3.2	196	0.2	2.1	216	1.7	1.1	212
01 / 30 / 2023 17:30	0.2	4.6	185	0.2	3.2	210	1.1	1.9	190
01 / 30 / 2023 17:00	0.2	4.5	195	0.2	4.2	231	0.9	2.3	191
01 / 30 / 2023 16:30	0.2	5.0	193	0.2	5.1	239	0.2	3.2	177
01 / 30 / 2023 16:00	0.2	6.3	206	0.2	4.6	220	0.2	3.5	182
01 / 30 / 2023 15:30	0.2	5.4	194	0.2	3.7	210	0.2	2.2	175
01 / 30 / 2023 15:00	0.2	4.3	187	0.9	2.2	232	0.6	1.6	204
01 / 30 / 2023 14:30	0.5	2.1	123	1.2	2.7	222	0.2	2.2	355
01 / 30 / 2023 14:00	0.2	1.7	281	0.2	1.4	154	0.4	1.6	101
01 / 30 / 2023 13:30	0.2	3.5	211	0.6	1.8	181	0.8	1.6	167
01 / 30 / 2023 13:00	1.4	2.5	53	0.6	2.0	136	0.2	1.3	44
01 / 30 / 2023 12:30	1.8	1.8	78	1.4	1.5	78	1.0	1.4	17
01 / 30 / 2023 12:00	0.5	1.3	171	1.8	1.2	79	1.7	1.0	84
01 / 30 / 2023 11:30	0.6	1.9	168	2.2	1.8	210	2.4	1.8	137
01 / 30 / 2023 11:00	0.7	1.8	164	0.6	1.6	195	0.2	1.2	133
01 / 30 / 2023 10:30	0.8	0.8	183	0.2	0.7	36	0.2	1.1	357
01 / 30 / 2023 10:00	1.2	2.7	351	0.2	1.5	12	0.2	1.8	347
01 / 30 / 2023 09:30	1.1	3.8	340	0.2	2.1	6	0.4	2.2	350
01 / 30 / 2023 09:00	0.7	2.6	313	0.5	1.5	12	0.2	1.4	343
01 / 30 / 2023 08:30	0.8	2.8	288	0.2	1.6	321	0.2	0.8	308
01 / 30 / 2023 08:00	0.2	2.0	155	0.2	1.1	117	0.2	1.3	162
01 / 30 / 2023 07:30	0.9	3.5	162	0.2	0.8	161	0.2	1.8	166
01 / 30 / 2023 07:00	0.9	1.6	120	0.2	0.7	166	0.2	0.7	158
01 / 30 / 2023 06:30	2.4	3.0	349	0.2	0.8	64	0.2	0.3	250
01 / 30 / 2023 06:00	0.8	2.2	51	0.2	0.7	149	0.2	0.4	147
01 / 30 / 2023 05:30	2.1	3.5	22	0.2	0.5	346	0.2	0.6	335
01 / 30 / 2023 05:00	0.9	4.8	338	0.2	1.1	24	0.2	0.7	350
01 / 30 / 2023 04:30	0.6	4.2	333	0.2	1.5	4	0.2	1.2	332
01 / 30 / 2023 04:00	1.6	5.3	320	0.2	2.4	338	0.2	0.8	320
01 / 30 / 2023 03:30	0.2	2.6	281	0.2	1.2	313	0.2	0.3	265
01 / 30 / 2023 03:00	0.2	1.4	159	0.2	0.9	230	0.2	0.8	217
01 / 30 / 2023 02:30	1.3	4.3	38	0.2	0.7	47	0.2	0.9	12
01 / 30 / 2023 02:00	2.8	1.2	17	0.2	0.6	12	0.2	0.4	273
01 / 30 / 2023 01:30	0.4	0.9	123	0.2	0.5	100	AX	0.6	329
01 / 30 / 2023 01:00	0.5	2.2	332	AX	1.0	5	0.2	0.6	316
01 / 30 / 2023 00:30	AX	1.1	272	0.2	0.6	63	0.2	0.3	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 / 30 / 2023 00:00	0.4	0.9	154	0.2	0.7	53	0.2	0.7	340
01 / 29 / 2023 23:30	0.2	1.8	283	0.2	0.8	348	0.2	0.2	295
01 / 29 / 2023 23:00	0.2	2.3	279	0.2	0.7	19	0.2	0.4	293
01 / 29 / 2023 22:30	0.2	2.3	261	0.2	0.4	326	0.2	0.2	241
01 / 29 / 2023 22:00	0.2	1.0	234	0.2	0.5	46	0.2	0.2	348
01 / 29 / 2023 21:30	0.2	1.0	337	0.2	0.9	327	0.2	0.4	305
01 / 29 / 2023 21:00	0.2	1.4	246	0.2	0.8	218	0.2	0.6	172
01 / 29 / 2023 20:30	0.2	1.9	157	0.2	1.2	136	0.2	1.1	165
01 / 29 / 2023 20:00	0.2	2.2	140	0.2	1.9	139	0.2	1.2	152
01 / 29 / 2023 19:30	0.2	2.4	160	0.2	1.2	154	0.2	1.4	161
01 / 29 / 2023 19:00	0.2	2.0	160	0.2	1.1	154	0.2	1.7	153
01 / 29 / 2023 18:30	0.2	1.6	187	0.2	0.8	145	0.2	1.1	168
01 / 29 / 2023 18:00	0.2	3.0	153	0.2	1.5	178	0.2	1.7	169
01 / 29 / 2023 17:30	0.2	3.2	172	0.2	1.6	199	0.2	1.6	180
01 / 29 / 2023 17:00	0.2	2.8	164	0.2	1.5	188	0.2	1.4	157
01 / 29 / 2023 16:30	0.2	3.3	134	0.2	1.1	150	0.2	1.3	168
01 / 29 / 2023 16:00	0.2	2.4	110	0.2	1.2	134	0.2	1.3	86
01 / 29 / 2023 15:30	0.2	3.3	89	0.2	1.5	134	0.2	2.0	132
01 / 29 / 2023 15:00	0.2	1.4	139	0.4	1.6	192	0.5	0.9	170
01 / 29 / 2023 14:30	0.2	2.4	273	0.4	2.9	262	0.2	1.8	240
01 / 29 / 2023 14:00	1.1	2.6	341	0.2	1.1	342	0.2	0.8	259
01 / 29 / 2023 13:30	1.3	2.0	12	0.4	1.8	355	0.2	0.8	320
01 / 29 / 2023 13:00	0.2	1.5	345	1.4	2.1	352	1.0	1.5	340
01 / 29 / 2023 12:30	0.2	1.6	230	2.2	2.0	347	1.2	1.4	336
01 / 29 / 2023 12:00	0.2	2.0	230	0.7	1.9	280	0.2	1.4	350
01 / 29 / 2023 11:30	0.2	1.5	294	0.2	1.7	264	0.4	0.9	348
01 / 29 / 2023 11:00	0.2	1.3	185	0.2	0.8	175	1.5	1.3	68
01 / 29 / 2023 10:30	0.2	1.2	204	0.2	1.0	316	3.4	0.8	137
01 / 29 / 2023 10:00	0.2	2.0	194	0.2	0.9	227	1.4	0.6	146
01 / 29 / 2023 09:30	0.2	3.0	193	0.2	1.0	189	0.2	1.3	182
01 / 29 / 2023 09:00	0.4	1.4	189	0.2	0.8	242	0.2	1.0	145
01 / 29 / 2023 08:30	0.2	0.8	90	0.2	0.4	334	0.2	0.4	26
01 / 29 / 2023 08:00	0.2	1.3	200	0.2	0.4	259	0.2	0.3	265
01 / 29 / 2023 07:30	0.2	1.2	186	0.2	0.4	242	0.2	0.3	174
01 / 29 / 2023 07:00	0.2	1.3	183	0.2	0.2	270	0.2	0.3	192
01 / 29 / 2023 06:30	0.2	1.0	185	0.2	0.3	333	0.2	0.2	322
01 / 29 / 2023 06:00	0.2	0.7	200	0.2	0.4	5	0.2	0.3	330
01 / 29 / 2023 05:30	0.2	1.2	160	0.2	0.5	354	0.2	0.3	144
01 / 29 / 2023 05:00	0.2	1.0	172	0.2	0.2	339	0.2	0.2	249
01 / 29 / 2023 04:30	0.2	1.2	194	0.2	0.2	3	0.2	0.3	135
01 / 29 / 2023 04:00	0.2	1.3	189	0.2	0.3	47	0.2	0.3	4
01 / 29 / 2023 03:30	0.2	0.9	189	0.2	0.5	30	0.4	0.3	79
01 / 29 / 2023 03:00	0.2	1.5	205	0.2	0.5	14	1.1	0.4	320
01 / 29 / 2023 02:30	0.2	1.0	196	0.2	0.5	53	2.3	0.3	39
01 / 29 / 2023 02:00	0.4	1.2	203	1.5	0.2	30	BF	0.2	110
01 / 29 / 2023 01:30	0.8	2.0	224	BF	0.4	9	BF	0.3	117
01 / 29 / 2023 01:00	BF	1.5	191	BF	0.3	317	3.6	0.3	146
01 / 29 / 2023 00:30	BF	1.0	176	1.0	0.5	68	2.4	0.3	126

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 / 29 / 2023 00:00	0.2	1.9	217	0.6	0.4	268	2.1	0.3	271
01 / 28 / 2023 23:30	0.2	1.2	194	0.9	0.6	353	1.8	0.5	293
01 / 28 / 2023 23:00	0.2	1.2	212	0.2	0.6	243	2.1	0.9	212
01 / 28 / 2023 22:30	0.2	1.7	213	0.2	0.4	270	2.5	0.3	215
01 / 28 / 2023 22:00	0.2	1.5	194	0.2	0.3	215	2.8	0.2	294
01 / 28 / 2023 21:30	0.2	1.6	201	0.2	0.3	258	2.9	0.3	303
01 / 28 / 2023 21:00	0.2	1.0	179	0.2	0.3	76	1.4	0.2	102
01 / 28 / 2023 20:30	0.2	1.9	203	0.2	0.4	148	0.9	0.3	277
01 / 28 / 2023 20:00	0.2	2.0	202	0.2	0.3	243	0.2	0.3	346
01 / 28 / 2023 19:30	0.2	1.9	196	0.2	0.4	237	0.2	0.3	107
01 / 28 / 2023 19:00	0.2	1.4	154	0.2	0.6	76	0.2	0.3	74
01 / 28 / 2023 18:30	0.2	1.9	171	0.2	0.9	117	1.6	0.3	82
01 / 28 / 2023 18:00	0.2	3.6	191	0.2	2.5	202	0.4	1.4	219
01 / 28 / 2023 17:30	0.2	5.2	184	0.2	3.4	199	0.2	2.5	181
01 / 28 / 2023 17:00	0.2	6.4	163	0.2	3.0	190	0.2	2.6	168
01 / 28 / 2023 16:30	0.2	6.0	172	0.2	4.9	206	0.2	3.7	194
01 / 28 / 2023 16:00	0.2	7.5	178	0.2	5.6	208	0.2	4.1	178
01 / 28 / 2023 15:30	0.2	6.8	186	0.2	5.8	214	0.4	3.9	202
01 / 28 / 2023 15:00	0.2	6.2	198	0.2	4.2	213	0.2	3.9	184
01 / 28 / 2023 14:30	0.2	6.0	166	0.2	3.3	180	0.2	3.5	167
01 / 28 / 2023 14:00	0.2	4.2	151	0.2	3.3	168	0.2	2.8	165
01 / 28 / 2023 13:30	0.2	3.6	98	0.2	3.0	178	0.2	2.1	110
01 / 28 / 2023 13:00	0.2	4.1	40	0.2	3.0	215	0.2	1.9	33
01 / 28 / 2023 12:30	0.2	2.6	341	0.2	2.1	191	0.2	1.7	72
01 / 28 / 2023 12:00	0.2	2.3	223	0.7	2.4	181	0.2	2.0	182
01 / 28 / 2023 11:30	0.2	3.4	207	1.1	3.7	248	1.5	2.5	171
01 / 28 / 2023 11:00	0.2	2.9	174	1.0	2.7	240	4.1	1.5	147
01 / 28 / 2023 10:30	0.2	2.3	174	5.7	1.4	194	4.2	1.6	103
01 / 28 / 2023 10:00	0.2	0.8	171	8.2	0.6	250	3.3	0.9	82
01 / 28 / 2023 09:30	0.2	1.1	150	4.5	0.5	221	4.7	0.8	42
01 / 28 / 2023 09:00	0.2	0.7	67	1.0	1.1	9	1.8	1.3	355
01 / 28 / 2023 08:30	0.2	1.2	231	0.5	0.6	240	0.2	0.6	332
01 / 28 / 2023 08:00	0.2	1.8	176	0.2	0.7	221	0.2	0.5	206
01 / 28 / 2023 07:30	0.2	0.8	151	0.2	1.2	39	0.2	0.6	320
01 / 28 / 2023 07:00	0.2	1.8	187	0.2	1.2	257	0.2	0.9	211
01 / 28 / 2023 06:30	0.2	1.4	180	0.2	0.8	314	0.2	0.7	223
01 / 28 / 2023 06:00	0.2	1.6	153	0.2	0.7	28	0.2	0.3	52
01 / 28 / 2023 05:30	0.2	1.3	168	0.2	0.5	37	0.2	0.3	20
01 / 28 / 2023 05:00	0.2	1.1	174	0.2	0.9	44	0.2	0.3	7
01 / 28 / 2023 04:30	0.2	0.9	153	0.4	1.4	42	0.2	0.5	39
01 / 28 / 2023 04:00	0.2	0.8	155	2.9	1.0	159	0.2	0.6	60
01 / 28 / 2023 03:30	0.2	2.0	226	9.0	1.7	211	0.2	0.3	309
01 / 28 / 2023 03:00	0.2	2.0	222	0.2	1.1	226	0.2	0.5	229
01 / 28 / 2023 02:30	0.2	1.9	196	0.2	1.3	161	0.2	0.6	96
01 / 28 / 2023 02:00	0.2	1.2	158	0.2	1.1	143	0.2	0.7	114
01 / 28 / 2023 01:30	0.2	1.4	169	0.2	1.2	156	AX	0.8	125
01 / 28 / 2023 01:00	0.2	2.2	215	AX	1.1	111	0.2	0.7	73
01 / 28 / 2023 00:30	AX	1.6	203	0.2	0.5	138	0.4	0.7	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
01 / 28 / 2023 00:00	0.2	1.7	199	0.8	0.7	60	1.3	0.4	169
01 / 27 / 2023 23:30	0.2	1.9	215	0.2	0.7	329	1.2	0.9	153
01 / 27 / 2023 23:00	0.2	1.6	211	0.2	0.5	300	0.4	0.8	189
01 / 27 / 2023 22:30	0.2	1.6	207	0.2	0.5	6	2.2	0.7	136
01 / 27 / 2023 22:00	0.2	2.0	221	0.4	0.3	18	2.5	0.9	149
01 / 27 / 2023 21:30	0.2	2.2	204	0.5	0.2	169	6.7	0.9	155
01 / 27 / 2023 21:00	0.2	2.8	216	0.7	0.7	208	2.5	0.4	251
01 / 27 / 2023 20:30	0.2	2.4	197	0.9	0.3	108	0.8	0.4	106
01 / 27 / 2023 20:00	0.2	2.5	215	0.2	0.4	256	0.4	0.6	237
01 / 27 / 2023 19:30	0.2	1.8	192	0.2	0.5	81	0.2	0.9	82
01 / 27 / 2023 19:00	0.2	1.8	207	0.2	0.6	248	0.2	0.5	265
01 / 27 / 2023 18:30	0.2	1.7	192	0.7	0.7	58	0.2	0.3	85
01 / 27 / 2023 18:00	0.2	1.9	202	1.3	1.1	234	0.2	0.4	277
01 / 27 / 2023 17:30	0.2	4.3	250	0.5	3.5	265	0.2	1.3	264
01 / 27 / 2023 17:00	0.2	4.7	250	0.6	5.9	245	0.2	2.7	238
01 / 27 / 2023 16:30	0.2	5.1	262	0.8	5.4	255	0.2	2.8	242
01 / 27 / 2023 16:00	0.2	5.4	241	0.4	6.1	249	0.2	2.1	303
01 / 27 / 2023 15:30	0.2	7.8	283	0.7	7.1	275	0.2	2.8	260
01 / 27 / 2023 15:00	0.2	9.3	307	0.4	7.4	265	0.2	2.9	279
01 / 27 / 2023 14:30	0.2	8.7	305	0.2	7.0	307	0.2	2.2	321
01 / 27 / 2023 14:00	0.2	8.5	294	0.2	6.6	295	0.2	2.7	290
01 / 27 / 2023 13:30	0.2	9.5	325	0.2	5.3	298	0.2	3.5	317
01 / 27 / 2023 13:00	0.2	8.5	284	0.2	6.3	268	0.2	3.0	310
01 / 27 / 2023 12:30	0.2	5.9	272	0.2	4.2	290	0.2	2.9	327
01 / 27 / 2023 12:00	0.2	6.9	273	0.2	4.6	276	0.2	2.1	341
01 / 27 / 2023 11:30	0.2	4.1	258	0.2	3.1	326	0.2	2.3	352
01 / 27 / 2023 11:00	0.5	4.0	300	0.2	3.0	310	0.2	2.1	346
01 / 27 / 2023 10:30	0.2	5.4	308	0.2	4.4	315	0.2	1.6	322
01 / 27 / 2023 10:00	0.6	6.0	306	0.2	4.1	308	0.2	1.7	328
01 / 27 / 2023 09:30	0.2	2.5	280	0.2	2.1	332	0.2	1.1	337
01 / 27 / 2023 09:00	0.2	1.7	217	0.6	2.7	270	0.2	0.8	60
01 / 27 / 2023 08:30	0.2	1.6	203	0.6	2.4	280	0.4	0.7	122
01 / 27 / 2023 08:00	0.2	2.3	180	2.1	1.2	351	1.9	0.3	226
01 / 27 / 2023 07:30	0.2	1.8	205	1.1	0.6	287	3.3	0.5	306
01 / 27 / 2023 07:00	0.2	1.9	201	0.7	0.5	210	3.1	0.5	146
01 / 27 / 2023 06:30	0.2	2.5	196	0.2	1.6	203	4.0	0.5	191
01 / 27 / 2023 06:00	0.2	2.3	190	2.6	2.3	194	3.4	0.3	219
01 / 27 / 2023 05:30	0.2	1.8	211	0.7	1.5	219	1.3	0.5	197
01 / 27 / 2023 05:00	0.2	1.9	199	0.2	1.4	196	0.6	0.5	150
01 / 27 / 2023 04:30	0.2	2.6	179	0.2	1.7	200	0.2	0.7	94
01 / 27 / 2023 04:00	0.2	2.4	171	0.2	1.3	215	0.2	0.7	187
01 / 27 / 2023 03:30	0.2	2.6	179	0.2	1.0	225	0.2	0.5	192
01 / 27 / 2023 03:00	0.2	3.0	174	0.2	1.6	221	0.2	0.9	212
01 / 27 / 2023 02:30	0.2	2.2	163	0.4	1.9	238	0.2	2.2	228
01 / 27 / 2023 02:00	0.2	2.1	174	2.8	4.3	244	0.2	2.0	228
01 / 27 / 2023 01:30	0.2	2.5	214	3.3	5.3	264	AX	1.4	230
01 / 27 / 2023 01:00	0.2	3.7	244	AX	4.8	284	0.2	0.7	265
01 / 27 / 2023 00:30	AX	1.6	223	3.9	2.3	258	0.2	1.1	253

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