



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

March 24, 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
03 / 17 / 2023 00:00	03 / 23 / 2023 23:59	0.8	0.4	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

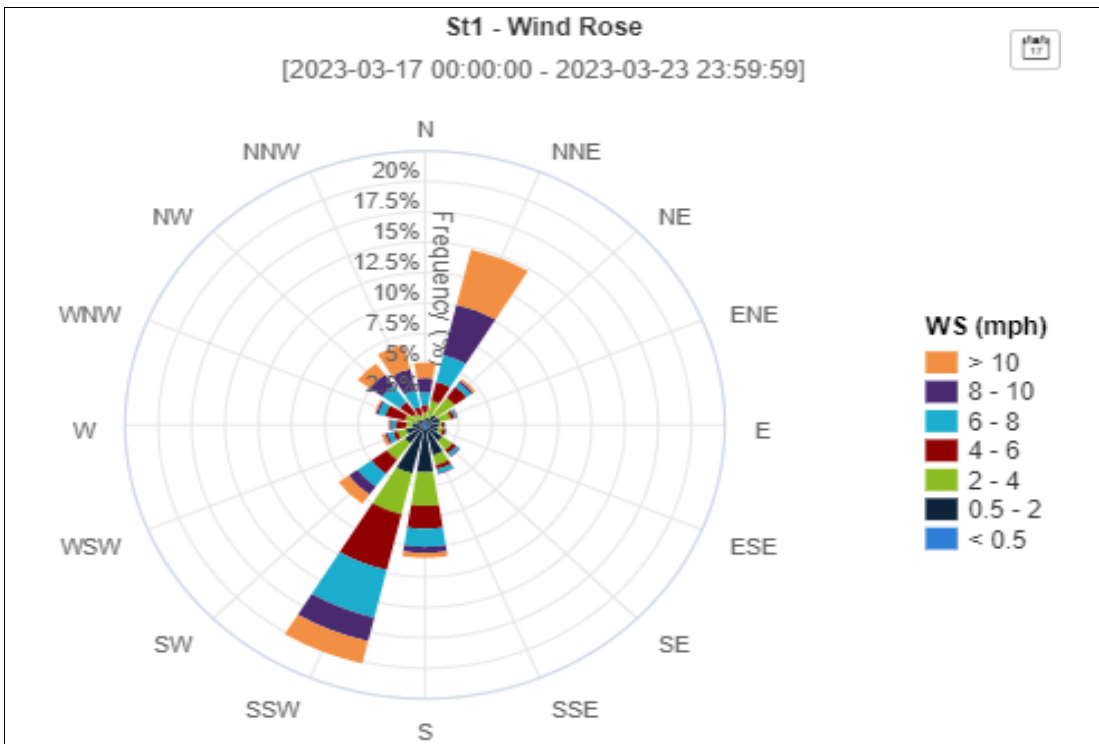
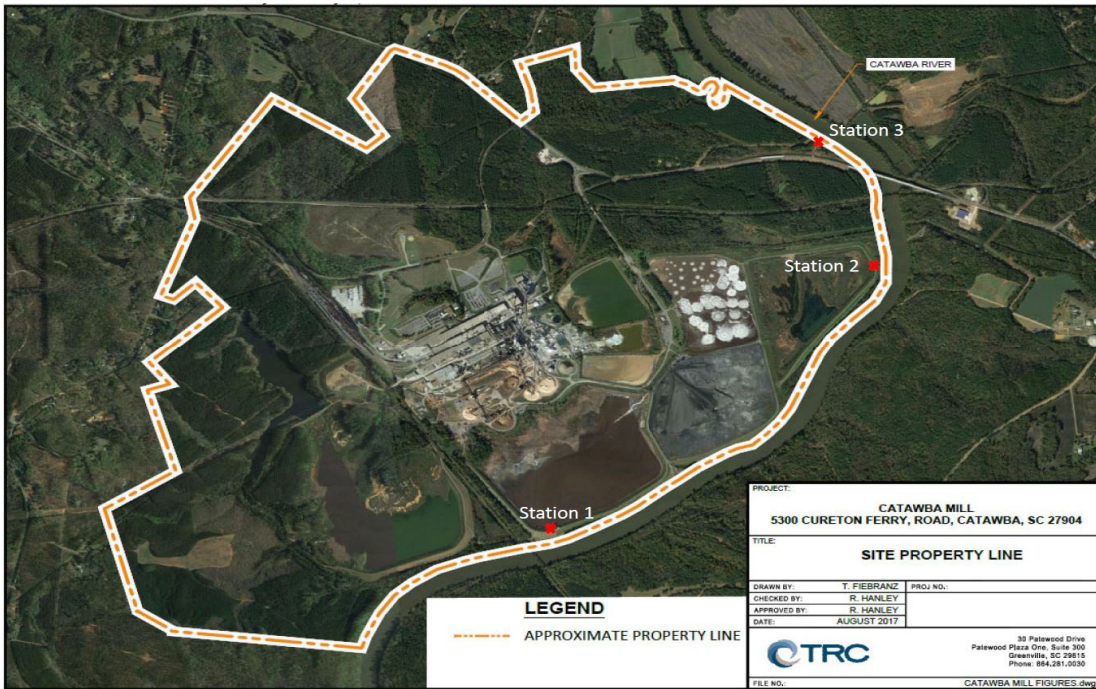
Technical Manager

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
03 / 11 / 2023 00:00	03 / 17 / 2023 23:59	0.6	0.3	0.5	03 / 17 / 2023	0.2	0.3	1.7
03 / 12 / 2023 00:00	03 / 18 / 2023 23:59	0.6	0.3	0.5	03 / 18 / 2023	0.5	0.3	0.3
03 / 13 / 2023 00:00	03 / 19 / 2023 23:59	0.5	0.3	0.5	03 / 19 / 2023	0.6	0.2	0.2
03 / 14 / 2023 00:00	03 / 20 / 2023 23:59	0.5	0.3	0.5	03 / 20 / 2023	0.7	0.2	0.2
03 / 15 / 2023 00:00	03 / 21 / 2023 23:59	0.7	0.3	0.5	03 / 21 / 2023	1.8	0.2	0.3
03 / 16 / 2023 00:00	03 / 22 / 2023 23:59	0.8	0.4	0.5	03 / 22 / 2023	1.3	0.4	0.5
03 / 17 / 2023 00:00	03 / 23 / 2023 23:59	0.8	0.4	0.8	03 / 23 / 2023	0.2	1.1	2.0

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
03 / 24 / 2023 00:00	0.2	4.4	211	0.9	1.0	207	2.7	0.6	173
03 / 23 / 2023 23:30	0.2	3.3	201	0.2	1.2	230	1.5	0.4	208
03 / 23 / 2023 23:00	0.2	2.6	185	0.2	0.9	190	2.0	0.5	163
03 / 23 / 2023 22:30	0.2	2.5	183	0.2	0.7	196	3.2	0.6	203
03 / 23 / 2023 22:00	0.2	3.4	185	0.2	1.4	167	15.2	0.5	153
03 / 23 / 2023 21:30	0.2	3.7	191	0.4	1.7	215	12.7	1.0	208
03 / 23 / 2023 21:00	0.2	4.3	202	0.2	2.2	229	8.9	1.2	227
03 / 23 / 2023 20:30	0.2	4.8	206	0.2	2.7	229	5.8	1.7	213
03 / 23 / 2023 20:00	0.2	5.2	209	0.2	2.5	232	5.0	1.8	226
03 / 23 / 2023 19:30	0.2	6.2	202	0.2	4.2	221	4.6	2.1	246
03 / 23 / 2023 19:00	0.2	6.0	185	0.2	3.6	204	1.4	1.6	212
03 / 23 / 2023 18:30	0.2	6.6	191	0.2	4.6	213	2.5	2.9	202
03 / 23 / 2023 18:00	0.2	6.7	195	0.2	5.3	218	2.6	4.0	209
03 / 23 / 2023 17:30	0.2	7.1	214	1.4	7.3	239	1.0	4.4	227
03 / 23 / 2023 17:00	0.2	9.4	222	0.8	9.7	241	1.0	5.2	224
03 / 23 / 2023 16:30	0.2	10.3	219	0.8	11.1	241	0.7	6.0	224
03 / 23 / 2023 16:00	0.2	8.8	227	1.6	9.8	249	0.5	5.6	221
03 / 23 / 2023 15:30	0.2	7.8	235	0.9	10.2	242	0.8	4.9	224
03 / 23 / 2023 15:00	0.2	11.0	213	1.0	8.3	241	0.5	6.4	215
03 / 23 / 2023 14:30	0.2	8.4	219	0.9	11.1	246	0.6	6.5	216
03 / 23 / 2023 14:00	0.2	12.9	220	0.8	11.1	238	0.2	5.8	236
03 / 23 / 2023 13:30	0.2	12.6	232	0.6	11.4	239	1.0	6.7	218
03 / 23 / 2023 13:00	0.2	8.8	213	0.2	8.1	233	0.8	6.0	218
03 / 23 / 2023 12:30	0.2	6.3	219	0.2	6.2	230	1.4	4.5	203
03 / 23 / 2023 12:00	0.2	6.0	219	0.2	5.4	228	1.0	4.1	200
03 / 23 / 2023 11:30	0.2	5.7	215	0.2	4.8	229	1.1	4.1	205
03 / 23 / 2023 11:00	0.2	4.6	232	0.2	4.6	227	1.5	3.4	215
03 / 23 / 2023 10:30	0.2	6.8	216	0.7	5.7	237	1.2	3.0	217
03 / 23 / 2023 10:00	0.2	4.6	218	0.4	5.2	230	1.5	3.1	222
03 / 23 / 2023 09:30	0.2	4.2	207	0.5	3.8	224	4.9	1.9	205
03 / 23 / 2023 09:00	0.2	2.9	208	1.5	3.7	221	1.5	1.9	211
03 / 23 / 2023 08:30	0.2	2.2	209	2.1	1.8	232	0.2	1.5	238
03 / 23 / 2023 08:00	0.2	0.8	209	0.6	1.9	270	0.2	0.5	269
03 / 23 / 2023 07:30	0.2	1.6	227	3.0	1.5	273	0.2	0.5	263
03 / 23 / 2023 07:00	0.2	2.0	213	2.3	1.8	257	0.2	0.6	238
03 / 23 / 2023 06:30	0.2	1.2	197	3.0	0.9	275	0.2	0.4	218
03 / 23 / 2023 06:00	0.2	0.7	174	6.9	0.4	208	0.2	0.2	124
03 / 23 / 2023 05:30	0.2	1.4	243	10.3	1.3	244	0.2	0.3	309
03 / 23 / 2023 05:00	0.2	1.5	195	2.8	1.5	214	0.2	0.2	313
03 / 23 / 2023 04:30	0.2	1.1	241	2.7	0.9	236	0.9	0.2	286
03 / 23 / 2023 04:00	0.2	1.6	241	0.2	1.2	238	2.0	0.6	160
03 / 23 / 2023 03:30	0.2	2.0	196	0.8	1.2	222	1.3	1.3	174
03 / 23 / 2023 03:00	0.2	2.6	209	2.4	1.7	236	1.1	0.9	201
03 / 23 / 2023 02:30	0.2	2.2	218	0.2	0.8	207	1.2	0.7	179
03 / 23 / 2023 02:00	0.2	1.4	212	0.2	0.7	207	0.2	0.8	169
03 / 23 / 2023 01:30	0.2	1.3	200	0.2	0.9	220	AX	1.0	173
03 / 23 / 2023 01:00	0.2	2.9	197	AX	1.7	214	0.2	1.1	167
03 / 23 / 2023 00:30	AX	3.0	178	0.2	1.4	194	0.2	1.2	165

30-Minute Avgs EST Ending @ Date / Time	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
03 / 23 / 2023 00:00	0.2	2.6	186	0.2	1.6	195	0.2	1.2	183
03 / 22 / 2023 23:30	0.2	2.2	192	0.2	1.4	183	0.2	1.1	193
03 / 22 / 2023 23:00	0.2	1.2	166	0.2	0.8	119	0.2	0.5	159
03 / 22 / 2023 22:30	0.2	1.7	138	0.2	0.8	107	0.2	0.6	104
03 / 22 / 2023 22:00	0.2	0.8	156	0.2	0.6	223	0.2	0.4	180
03 / 22 / 2023 21:30	0.2	1.2	192	0.2	0.6	242	0.2	0.7	203
03 / 22 / 2023 21:00	0.2	1.6	139	0.2	0.5	105	0.2	0.5	181
03 / 22 / 2023 20:30	1.4	2.0	93	0.4	0.7	123	0.2	0.6	110
03 / 22 / 2023 20:00	4.1	3.0	27	0.9	1.6	32	0.4	1.4	5
03 / 22 / 2023 19:30	0.2	2.0	47	1.2	0.9	55	0.5	0.7	357
03 / 22 / 2023 19:00	0.2	1.0	274	1.9	1.2	239	1.0	0.4	329
03 / 22 / 2023 18:30	0.2	2.1	198	1.6	1.4	224	1.2	0.5	178
03 / 22 / 2023 18:00	0.2	1.5	246	2.1	0.9	210	0.8	0.6	276
03 / 22 / 2023 17:30	0.2	1.3	232	0.2	0.6	220	0.2	0.3	222
03 / 22 / 2023 17:00	0.2	1.2	239	0.2	0.8	250	0.2	0.4	210
03 / 22 / 2023 16:30	0.2	1.6	184	0.2	0.9	203	0.2	0.7	197
03 / 22 / 2023 16:00	0.2	1.8	160	0.2	1.3	191	0.2	1.4	160
03 / 22 / 2023 15:30	0.2	1.8	142	0.2	1.0	108	0.2	0.8	100
03 / 22 / 2023 15:00	0.2	2.3	77	0.2	1.1	53	0.2	0.8	66
03 / 22 / 2023 14:30	0.5	2.8	56	0.2	1.2	35	0.2	1.0	29
03 / 22 / 2023 14:00	1.1	4.9	27	0.2	1.9	42	0.2	1.5	23
03 / 22 / 2023 13:30	0.6	3.8	357	0.2	1.3	37	0.2	1.3	357
03 / 22 / 2023 13:00	0.2	4.2	332	0.2	2.7	342	0.2	0.9	302
03 / 22 / 2023 12:30	0.2	5.3	4	0.2	2.7	8	0.2	1.7	334
03 / 22 / 2023 12:00	0.7	5.7	17	0.2	2.0	45	0.2	1.5	10
03 / 22 / 2023 11:30	0.9	3.7	25	0.2	1.8	25	0.2	0.9	5
03 / 22 / 2023 11:00	2.4	1.6	120	0.2	1.0	24	0.2	0.7	306
03 / 22 / 2023 10:30	3.4	1.4	102	0.2	2.2	353	0.2	1.3	350
03 / 22 / 2023 10:00	2.8	0.5	117	0.2	0.9	316	0.6	1.4	336
03 / 22 / 2023 09:30	5.1	2.0	24	0.2	1.3	5	0.6	0.8	3
03 / 22 / 2023 09:00	1.7	5.4	22	0.2	1.5	45	0.7	1.4	345
03 / 22 / 2023 08:30	6.1	3.1	22	0.2	1.4	38	0.2	1.2	351
03 / 22 / 2023 08:00	10.6	0.9	50	0.2	0.8	35	0.2	0.3	301
03 / 22 / 2023 07:30	4.9	0.9	147	0.2	0.7	6	0.6	0.4	274
03 / 22 / 2023 07:00	5.0	1.6	62	0.2	0.6	23	0.6	0.3	285
03 / 22 / 2023 06:30	3.8	1.4	33	0.4	1.4	35	0.2	1.0	339
03 / 22 / 2023 06:00	0.2	0.6	194	1.0	0.9	50	0.8	0.5	21
03 / 22 / 2023 05:30	0.2	0.9	204	0.4	0.4	254	1.2	0.4	190
03 / 22 / 2023 05:00	0.2	0.9	200	0.8	0.3	289	2.6	0.3	146
03 / 22 / 2023 04:30	0.2	1.6	217	0.8	0.6	267	3.2	1.0	186
03 / 22 / 2023 04:00	0.2	2.0	207	0.2	0.4	248	0.5	0.5	212
03 / 22 / 2023 03:30	0.2	1.3	175	0.2	0.6	23	0.2	0.3	302
03 / 22 / 2023 03:00	0.2	0.6	281	0.2	1.0	18	0.2	0.6	312
03 / 22 / 2023 02:30	0.2	1.7	181	0.4	0.4	43	0.2	0.3	116
03 / 22 / 2023 02:00	1.0	1.3	181	0.2	0.8	41	0.2	0.4	349
03 / 22 / 2023 01:30	0.7	1.4	193	0.2	0.7	35	AX	0.3	337
03 / 22 / 2023 01:00	0.5	1.3	201	AX	0.4	349	0.4	0.2	327
03 / 22 / 2023 00:30	AX	1.0	145	0.2	0.5	46	0.4	0.3	29

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
03 / 22 / 2023 00:00	0.2	0.6	208	0.2	0.8	51	0.2	0.7	342
03 / 21 / 2023 23:30	0.2	1.9	218	0.2	0.9	30	0.5	0.4	338
03 / 21 / 2023 23:00	0.2	1.8	196	0.2	0.5	75	0.6	0.6	233
03 / 21 / 2023 22:30	0.2	2.0	185	0.2	0.6	25	0.5	0.3	309
03 / 21 / 2023 22:00	0.2	1.8	203	0.2	0.5	272	0.2	0.4	271
03 / 21 / 2023 21:30	0.2	0.8	151	0.2	0.9	42	0.6	0.3	12
03 / 21 / 2023 21:00	0.2	1.9	200	0.2	0.4	254	0.6	0.4	327
03 / 21 / 2023 20:30	0.2	1.8	193	0.2	0.4	287	0.5	0.4	270
03 / 21 / 2023 20:00	0.2	2.5	192	0.2	0.6	122	0.2	0.4	190
03 / 21 / 2023 19:30	0.2	3.1	164	0.2	1.1	106	0.2	0.8	174
03 / 21 / 2023 19:00	0.2	3.2	150	0.2	0.5	91	0.2	0.7	204
03 / 21 / 2023 18:30	0.2	3.3	138	0.2	1.3	109	0.2	1.0	158
03 / 21 / 2023 18:00	0.2	6.1	146	0.2	2.8	172	0.2	2.8	161
03 / 21 / 2023 17:30	0.2	5.7	147	0.2	2.9	145	0.2	2.3	146
03 / 21 / 2023 17:00	0.2	5.9	145	0.2	2.4	144	0.2	2.6	165
03 / 21 / 2023 16:30	0.2	4.9	145	0.2	3.2	180	0.2	3.2	168
03 / 21 / 2023 16:00	0.2	5.2	143	0.2	3.3	138	0.2	3.2	123
03 / 21 / 2023 15:30	0.2	4.8	171	0.2	2.8	172	0.2	2.6	183
03 / 21 / 2023 15:00	0.2	4.0	98	0.2	3.2	166	0.2	2.4	109
03 / 21 / 2023 14:30	0.2	5.9	57	0.2	2.6	132	0.2	2.7	62
03 / 21 / 2023 14:00	0.2	5.6	33	0.2	2.8	158	0.2	3.4	50
03 / 21 / 2023 13:30	0.2	3.6	36	0.2	3.0	136	0.2	2.6	75
03 / 21 / 2023 13:00	0.2	3.8	94	0.2	3.3	198	0.2	3.1	25
03 / 21 / 2023 12:30	0.2	5.3	77	0.2	2.9	82	0.2	3.7	60
03 / 21 / 2023 12:00	0.2	4.3	99	0.2	3.8	127	0.2	4.1	76
03 / 21 / 2023 11:30	0.2	5.9	98	0.2	4.0	119	0.2	3.7	90
03 / 21 / 2023 11:00	0.2	3.7	122	0.2	3.1	119	0.2	4.4	64
03 / 21 / 2023 10:30	0.2	4.2	50	0.2	2.7	99	0.2	3.4	71
03 / 21 / 2023 10:00	0.2	3.4	38	0.2	2.3	23	0.2	2.4	66
03 / 21 / 2023 09:30	1.0	2.5	19	0.2	1.2	33	0.2	1.5	42
03 / 21 / 2023 09:00	5.1	2.7	39	0.2	1.3	43	0.2	1.2	19
03 / 21 / 2023 08:30	7.8	1.6	57	0.5	0.4	303	0.2	1.4	16
03 / 21 / 2023 08:00	9.9	2.0	49	0.4	0.9	22	0.2	1.5	21
03 / 21 / 2023 07:30	6.6	2.1	51	0.2	0.9	42	0.2	1.2	37
03 / 21 / 2023 07:00	4.7	1.1	97	0.2	0.9	40	0.2	0.4	345
03 / 21 / 2023 06:30	7.3	0.9	19	0.2	1.0	351	0.2	0.3	294
03 / 21 / 2023 06:00	4.1	2.1	56	0.2	0.9	40	0.2	0.4	13
03 / 21 / 2023 05:30	5.2	1.2	344	0.2	0.9	14	0.2	0.6	0
03 / 21 / 2023 05:00	2.3	0.7	136	0.2	0.8	9	0.2	0.4	317
03 / 21 / 2023 04:30	2.6	0.8	173	0.2	1.1	358	0.2	0.3	304
03 / 21 / 2023 04:00	2.8	0.8	150	0.2	0.7	27	0.2	0.4	353
03 / 21 / 2023 03:30	3.1	0.8	171	0.2	1.1	31	0.5	0.5	7
03 / 21 / 2023 03:00	2.8	1.9	189	0.2	1.0	17	0.2	0.5	270
03 / 21 / 2023 02:30	3.8	1.9	200	0.2	0.8	330	0.6	0.5	266
03 / 21 / 2023 02:00	4.7	1.4	70	0.2	0.7	38	0.2	0.7	14
03 / 21 / 2023 01:30	2.4	0.9	143	0.2	0.9	359	AX	0.3	250
03 / 21 / 2023 01:00	2.1	0.7	139	AX	1.0	10	0.2	0.2	101
03 / 21 / 2023 00:30	AX	0.7	125	0.2	0.9	46	0.2	0.6	7

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
03 / 21 / 2023 00:00	2.4	1.4	182	0.2	1.0	23	0.2	0.5	308
03 / 20 / 2023 23:30	1.3	1.4	166	0.2	0.7	332	0.2	0.3	332
03 / 20 / 2023 23:00	1.5	1.1	119	0.2	1.3	44	0.2	0.6	77
03 / 20 / 2023 22:30	1.1	0.8	127	0.2	1.4	46	0.2	0.9	360
03 / 20 / 2023 22:00	1.2	2.1	189	0.2	0.6	340	0.2	0.5	249
03 / 20 / 2023 21:30	1.1	1.9	197	0.2	0.6	350	0.2	0.3	276
03 / 20 / 2023 21:00	0.5	1.5	177	0.2	0.9	36	0.2	0.4	81
03 / 20 / 2023 20:30	0.2	1.9	180	0.2	0.6	19	0.2	0.3	229
03 / 20 / 2023 20:00	0.2	1.7	201	0.2	0.7	37	0.2	0.3	73
03 / 20 / 2023 19:30	0.2	1.8	189	0.2	1.0	27	0.2	0.4	342
03 / 20 / 2023 19:00	0.2	2.0	204	0.2	0.6	44	0.2	0.3	286
03 / 20 / 2023 18:30	0.2	1.6	276	0.2	1.7	340	0.2	0.9	232
03 / 20 / 2023 18:00	0.2	3.2	356	0.2	2.4	348	0.2	0.7	297
03 / 20 / 2023 17:30	0.2	5.8	25	0.2	2.9	321	0.2	1.4	2
03 / 20 / 2023 17:00	0.2	7.0	15	0.2	4.0	320	0.2	1.9	295
03 / 20 / 2023 16:30	0.2	6.8	33	0.2	2.8	21	0.2	2.3	344
03 / 20 / 2023 16:00	0.2	8.7	4	0.2	4.5	334	0.2	2.1	337
03 / 20 / 2023 15:30	0.2	7.5	342	0.2	3.9	335	0.2	3.0	346
03 / 20 / 2023 15:00	0.2	6.2	344	0.2	4.9	350	0.2	3.4	11
03 / 20 / 2023 14:30	0.2	8.3	4	0.2	6.1	301	0.2	2.3	322
03 / 20 / 2023 14:00	0.2	8.2	343	0.2	4.5	18	0.2	3.1	344
03 / 20 / 2023 13:30	0.2	7.5	2	0.2	4.8	344	0.2	3.4	337
03 / 20 / 2023 13:00	0.2	7.9	359	0.2	4.7	1	0.2	3.8	348
03 / 20 / 2023 12:30	0.2	9.0	25	0.2	5.2	8	0.2	3.2	1
03 / 20 / 2023 12:00	0.2	10.0	21	0.2	6.2	329	0.2	5.0	335
03 / 20 / 2023 11:30	0.2	8.6	15	0.2	5.6	10	0.2	3.9	360
03 / 20 / 2023 11:00	0.2	8.3	17	0.2	4.3	30	0.2	4.9	6
03 / 20 / 2023 10:30	0.2	9.2	20	0.2	5.3	15	0.2	4.3	352
03 / 20 / 2023 10:00	0.2	8.2	19	0.2	4.3	49	0.2	4.3	8
03 / 20 / 2023 09:30	0.2	9.8	20	0.2	4.3	46	0.2	5.0	354
03 / 20 / 2023 09:00	0.2	11.1	19	0.2	5.1	36	0.2	5.2	2
03 / 20 / 2023 08:30	0.4	12.1	17	0.2	4.5	30	0.2	4.3	3
03 / 20 / 2023 08:00	0.8	11.5	14	0.2	4.6	11	0.2	4.5	355
03 / 20 / 2023 07:30	1.1	9.5	14	0.2	2.9	19	0.2	4.2	350
03 / 20 / 2023 07:00	1.1	8.5	15	0.2	1.7	54	0.2	3.0	357
03 / 20 / 2023 06:30	1.0	8.9	15	0.2	1.4	61	0.2	3.4	357
03 / 20 / 2023 06:00	0.8	10.0	15	0.2	1.0	52	0.2	3.6	355
03 / 20 / 2023 05:30	1.1	9.5	15	0.2	1.8	51	0.2	3.8	353
03 / 20 / 2023 05:00	0.8	9.6	15	0.2	1.9	62	0.2	3.8	356
03 / 20 / 2023 04:30	1.7	9.1	23	0.2	1.4	61	0.2	3.0	1
03 / 20 / 2023 04:00	2.0	9.4	29	0.2	1.9	71	0.2	2.9	12
03 / 20 / 2023 03:30	1.5	9.7	23	0.2	2.2	63	0.2	2.7	8
03 / 20 / 2023 03:00	2.3	9.1	27	0.2	1.8	64	0.2	2.6	11
03 / 20 / 2023 02:30	1.6	9.1	25	0.2	1.8	63	0.2	2.6	10
03 / 20 / 2023 02:00	0.9	9.7	19	0.2	2.1	50	0.2	3.4	357
03 / 20 / 2023 01:30	0.7	11.7	23	0.2	2.3	55	AX	3.1	10
03 / 20 / 2023 01:00	0.7	10.2	27	AX	2.1	67	0.2	3.2	11
03 / 20 / 2023 00:30	AX	12.6	27	0.2	2.5	58	0.2	3.7	10

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
03 / 20 / 2023 00:00	0.9	13.4	25	0.2	3.4	58	0.2	3.8	16
03 / 19 / 2023 23:30	1.7	10.9	23	0.2	1.9	62	0.2	4.2	7
03 / 19 / 2023 23:00	3.0	11.5	24	0.2	2.5	63	0.2	3.7	11
03 / 19 / 2023 22:30	2.4	10.9	27	0.2	2.7	62	0.2	3.4	14
03 / 19 / 2023 22:00	1.9	6.3	31	0.2	1.1	60	0.2	2.4	3
03 / 19 / 2023 21:30	1.3	3.8	44	0.2	0.5	55	0.2	1.5	10
03 / 19 / 2023 21:00	0.2	3.1	51	0.2	0.6	50	0.2	1.1	35
03 / 19 / 2023 20:30	0.7	3.9	59	0.2	0.5	10	0.2	0.8	22
03 / 19 / 2023 20:00	0.4	3.5	51	0.2	1.2	5	0.2	0.6	1
03 / 19 / 2023 19:30	4.1	6.2	28	0.2	0.9	66	0.2	1.4	16
03 / 19 / 2023 19:00	1.3	7.7	12	0.2	1.2	9	0.2	1.5	336
03 / 19 / 2023 18:30	0.4	8.4	20	0.2	2.6	28	0.2	2.9	4
03 / 19 / 2023 18:00	0.2	9.8	19	0.2	4.2	16	0.2	3.0	10
03 / 19 / 2023 17:30	0.2	9.4	19	0.2	3.7	15	0.2	3.3	359
03 / 19 / 2023 17:00	0.2	6.1	353	0.2	4.0	355	0.2	2.9	347
03 / 19 / 2023 16:30	0.2	5.1	16	0.2	3.4	27	0.2	3.0	357
03 / 19 / 2023 16:00	0.2	4.7	309	0.2	4.3	357	0.2	2.8	334
03 / 19 / 2023 15:30	0.2	4.9	299	0.2	4.9	337	0.2	4.3	358
03 / 19 / 2023 15:00	0.2	5.5	309	0.2	4.3	25	0.2	3.0	5
03 / 19 / 2023 14:30	0.2	6.3	301	0.2	3.1	22	0.2	3.9	351
03 / 19 / 2023 14:00	0.2	7.1	327	0.2	5.2	358	0.2	2.9	341
03 / 19 / 2023 13:30	0.2	8.1	329	0.2	5.6	285	0.2	2.7	336
03 / 19 / 2023 13:00	0.2	5.8	290	0.2	4.5	340	0.2	3.5	339
03 / 19 / 2023 12:30	0.2	7.6	338	0.2	3.9	194	0.2	2.4	20
03 / 19 / 2023 12:00	0.2	5.3	348	0.2	5.1	277	0.2	2.6	309
03 / 19 / 2023 11:30	0.2	5.2	358	0.2	4.3	319	0.2	2.7	318
03 / 19 / 2023 11:00	0.2	6.2	19	0.2	4.4	24	0.2	3.2	359
03 / 19 / 2023 10:30	0.2	8.2	350	0.2	4.9	343	0.2	3.5	349
03 / 19 / 2023 10:00	0.2	9.3	348	0.2	4.2	342	0.2	3.6	347
03 / 19 / 2023 09:30	0.2	12.2	336	0.2	5.3	8	0.2	5.5	343
03 / 19 / 2023 09:00	0.4	11.8	356	0.2	6.1	348	0.2	5.8	343
03 / 19 / 2023 08:30	1.1	12.9	356	0.2	6.0	11	0.2	5.2	352
03 / 19 / 2023 08:00	0.7	9.9	337	0.2	4.9	348	0.2	5.1	344
03 / 19 / 2023 07:30	0.9	10.0	338	0.2	3.6	344	0.2	3.8	345
03 / 19 / 2023 07:00	1.2	6.8	342	0.2	2.4	342	0.2	1.2	345
03 / 19 / 2023 06:30	0.2	1.8	306	0.2	2.1	345	0.2	0.5	300
03 / 19 / 2023 06:00	0.2	2.2	251	0.2	2.0	351	0.2	0.3	289
03 / 19 / 2023 05:30	0.2	4.6	287	0.2	1.1	355	0.2	0.3	264
03 / 19 / 2023 05:00	0.2	4.5	300	0.2	0.8	41	0.2	0.3	178
03 / 19 / 2023 04:30	0.2	5.5	303	0.2	1.0	14	0.2	0.3	269
03 / 19 / 2023 04:00	0.2	4.2	301	0.2	0.9	21	0.2	0.4	326
03 / 19 / 2023 03:30	0.2	4.8	292	0.2	0.8	355	0.2	0.5	227
03 / 19 / 2023 03:00	0.2	5.0	265	0.2	1.0	355	0.5	0.4	259
03 / 19 / 2023 02:30	0.2	5.0	294	0.2	0.6	331	1.5	0.5	222
03 / 19 / 2023 02:00	0.2	5.8	297	1.7	0.9	309	BF	0.5	225
03 / 19 / 2023 01:30	0.7	6.7	312	BF	0.9	321	BF	0.3	216
03 / 19 / 2023 01:00	BF	9.0	330	BF	1.3	333	0.2	0.3	264
03 / 19 / 2023 00:30	BF	7.1	322	0.2	1.3	322	0.2	0.4	191

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
03 / 19 / 2023 00:00	1.3	7.7	336	0.2	2.1	341	0.2	1.2	306
03 / 18 / 2023 23:30	1.1	9.0	345	0.2	3.4	350	0.2	3.1	342
03 / 18 / 2023 23:00	1.1	9.4	350	0.2	3.7	349	0.2	2.9	340
03 / 18 / 2023 22:30	0.9	9.9	340	0.2	4.3	2	0.2	4.8	346
03 / 18 / 2023 22:00	1.5	10.1	1	0.2	6.0	8	0.2	5.3	352
03 / 18 / 2023 21:30	1.4	10.8	356	0.2	5.8	359	0.2	5.9	343
03 / 18 / 2023 21:00	0.2	5.1	303	0.2	2.0	357	0.2	1.7	352
03 / 18 / 2023 20:30	0.2	3.8	278	0.2	0.8	328	0.2	0.7	186
03 / 18 / 2023 20:00	0.2	3.9	298	0.2	1.6	35	0.2	0.4	261
03 / 18 / 2023 19:30	0.2	2.3	265	0.2	0.8	37	0.2	0.8	243
03 / 18 / 2023 19:00	0.2	1.6	273	0.2	2.2	313	0.2	0.4	253
03 / 18 / 2023 18:30	0.2	3.8	306	0.2	2.2	310	0.2	0.4	246
03 / 18 / 2023 18:00	0.2	5.1	282	0.2	5.1	286	0.2	1.1	267
03 / 18 / 2023 17:30	0.2	6.0	290	0.2	5.4	293	0.2	1.2	272
03 / 18 / 2023 17:00	0.2	6.8	293	0.2	7.1	282	0.2	1.9	267
03 / 18 / 2023 16:30	0.2	6.0	282	0.2	7.0	295	0.2	1.8	301
03 / 18 / 2023 16:00	0.2	7.1	313	0.2	7.3	279	0.2	2.6	292
03 / 18 / 2023 15:30	0.2	8.5	314	0.2	7.2	286	0.4	3.7	263
03 / 18 / 2023 15:00	0.2	6.4	261	0.2	6.3	307	0.2	3.2	266
03 / 18 / 2023 14:30	0.2	7.8	296	0.2	6.0	296	0.2	1.8	321
03 / 18 / 2023 14:00	0.2	8.0	326	0.2	5.6	282	0.2	2.5	287
03 / 18 / 2023 13:30	0.2	7.1	309	0.2	5.1	310	0.2	2.6	334
03 / 18 / 2023 13:00	0.2	5.8	315	0.2	5.2	310	0.2	2.3	291
03 / 18 / 2023 12:30	0.2	7.4	312	0.2	5.6	288	0.2	1.9	295
03 / 18 / 2023 12:00	0.2	8.1	314	0.2	5.3	316	0.2	1.8	316
03 / 18 / 2023 11:30	0.2	9.9	330	0.2	5.4	313	0.2	2.5	331
03 / 18 / 2023 11:00	0.5	9.3	342	0.2	5.2	327	0.2	3.0	326
03 / 18 / 2023 10:30	0.2	9.3	340	0.2	5.6	333	0.2	3.1	333
03 / 18 / 2023 10:00	0.7	10.7	348	0.2	5.6	344	0.2	4.0	334
03 / 18 / 2023 09:30	0.4	10.2	342	0.2	5.8	344	0.2	3.9	341
03 / 18 / 2023 09:00	0.4	11.2	326	0.2	4.5	354	0.2	3.1	349
03 / 18 / 2023 08:30	0.7	9.0	327	0.2	3.6	344	0.2	3.1	337
03 / 18 / 2023 08:00	0.6	8.1	329	0.2	3.7	338	0.2	2.1	327
03 / 18 / 2023 07:30	0.7	7.4	325	0.2	2.6	332	0.2	1.5	316
03 / 18 / 2023 07:00	0.8	9.0	326	0.2	3.1	341	0.2	2.1	327
03 / 18 / 2023 06:30	1.4	8.8	345	0.2	4.2	347	0.2	3.7	337
03 / 18 / 2023 06:00	1.2	7.7	336	0.2	2.8	357	0.2	2.9	339
03 / 18 / 2023 05:30	1.5	6.8	7	0.2	1.3	359	0.2	2.0	343
03 / 18 / 2023 05:00	1.2	8.2	2	0.2	2.0	5	0.2	2.3	343
03 / 18 / 2023 04:30	1.0	12.2	10	0.2	3.9	358	0.2	3.2	341
03 / 18 / 2023 04:00	0.2	2.9	208	0.9	3.6	242	0.2	2.2	275
03 / 18 / 2023 03:30	0.5	2.4	233	2.6	3.1	235	0.2	1.9	229
03 / 18 / 2023 03:00	0.2	4.4	210	2.2	3.8	236	0.7	1.9	227
03 / 18 / 2023 02:30	0.2	5.2	212	1.1	4.2	233	1.7	2.2	225
03 / 18 / 2023 02:00	0.2	6.4	198	0.2	4.4	223	0.9	2.9	209
03 / 18 / 2023 01:30	0.2	6.6	198	0.2	5.2	224	AX	2.7	211
03 / 18 / 2023 01:00	0.2	6.1	217	AX	7.4	239	0.2	4.1	233
03 / 18 / 2023 00:30	AX	7.0	222	1.1	8.1	238	1.3	3.4	226

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
03 / 18 / 2023 00:00	0.2	6.4	203	0.2	5.1	225	1.9	3.2	211
03 / 17 / 2023 23:30	0.2	6.4	197	0.6	5.0	221	1.8	3.0	211
03 / 17 / 2023 23:00	0.2	6.3	201	0.5	4.5	224	2.0	2.4	220
03 / 17 / 2023 22:30	0.2	6.1	202	0.2	4.1	217	1.8	2.2	208
03 / 17 / 2023 22:00	0.2	6.0	190	0.2	3.9	208	0.7	2.9	197
03 / 17 / 2023 21:30	0.2	5.1	186	0.2	3.3	206	1.5	2.0	183
03 / 17 / 2023 21:00	0.2	6.4	194	0.2	4.7	210	1.1	2.8	208
03 / 17 / 2023 20:30	0.2	7.2	187	0.2	4.3	202	0.2	2.5	183
03 / 17 / 2023 20:00	0.2	5.7	182	0.2	2.2	199	1.9	1.8	165
03 / 17 / 2023 19:30	0.2	4.6	196	0.2	3.1	215	2.2	2.2	197
03 / 17 / 2023 19:00	0.2	6.0	217	2.0	5.3	237	0.5	2.9	226
03 / 17 / 2023 18:30	0.2	5.1	222	2.0	4.9	235	1.8	2.4	236
03 / 17 / 2023 18:00	0.2	3.9	216	1.3	3.5	231	3.1	2.3	217
03 / 17 / 2023 17:30	0.2	5.2	200	0.2	3.7	214	3.4	2.7	200
03 / 17 / 2023 17:00	0.2	6.1	201	0.2	5.1	219	2.8	3.2	194
03 / 17 / 2023 16:30	0.2	6.9	198	0.2	5.1	217	2.6	3.4	197
03 / 17 / 2023 16:00	0.2	6.4	197	0.2	5.8	217	2.4	4.3	203
03 / 17 / 2023 15:30	0.2	7.4	203	0.6	7.1	227	1.5	4.9	210
03 / 17 / 2023 15:00	0.2	7.9	214	1.4	8.2	238	1.2	5.9	222
03 / 17 / 2023 14:30	0.2	9.4	207	0.2	9.3	227	1.5	5.8	220
03 / 17 / 2023 14:00	0.2	10.9	209	0.2	9.4	231	1.2	6.1	216
03 / 17 / 2023 13:30	0.2	10.3	202	0.2	9.7	233	1.5	5.5	211
03 / 17 / 2023 13:00	0.2	13.0	204	0.2	10.8	228	1.6	6.8	208
03 / 17 / 2023 12:30	0.2	13.7	191	0.2	10.8	220	1.2	7.5	195
03 / 17 / 2023 12:00	0.2	11.9	192	0.2	9.6	215	1.1	6.9	203
03 / 17 / 2023 11:30	0.2	13.3	199	0.2	11.4	226	1.6	6.8	209
03 / 17 / 2023 11:00	0.2	11.4	199	0.2	8.4	224	2.2	5.4	209
03 / 17 / 2023 10:30	0.2	10.3	206	0.2	9.2	227	1.5	5.9	210
03 / 17 / 2023 10:00	0.2	10.2	201	0.2	9.0	227	1.9	5.3	205
03 / 17 / 2023 09:30	0.2	7.9	200	0.2	5.6	222	2.1	4.0	199
03 / 17 / 2023 09:00	0.2	6.3	201	0.2	5.9	227	1.4	3.5	193
03 / 17 / 2023 08:30	0.2	5.3	198	0.2	5.3	229	1.7	3.5	195
03 / 17 / 2023 08:00	0.2	5.5	193	0.2	5.0	219	1.0	3.6	201
03 / 17 / 2023 07:30	0.2	5.3	197	0.2	5.2	222	2.0	2.9	194
03 / 17 / 2023 07:00	0.2	5.9	203	0.2	5.2	222	1.9	3.4	206
03 / 17 / 2023 06:30	0.2	7.0	205	0.2	5.9	226	2.1	3.5	212
03 / 17 / 2023 06:00	0.2	8.3	201	0.2	5.9	219	2.2	4.0	198
03 / 17 / 2023 05:30	0.2	6.6	197	0.2	4.3	222	2.5	3.0	194
03 / 17 / 2023 05:00	0.2	6.9	196	0.2	5.0	219	1.5	3.5	195
03 / 17 / 2023 04:30	0.2	7.3	197	0.2	4.9	219	3.5	3.2	194
03 / 17 / 2023 04:00	0.2	7.1	205	0.2	5.1	224	2.8	3.7	210
03 / 17 / 2023 03:30	0.2	6.4	203	0.2	5.0	219	1.7	3.1	198
03 / 17 / 2023 03:00	0.2	5.9	193	0.2	5.1	215	1.2	3.3	193
03 / 17 / 2023 02:30	0.2	6.5	201	0.2	5.5	218	2.3	3.1	203
03 / 17 / 2023 02:00	0.2	6.4	199	0.2	4.0	218	0.8	2.9	200
03 / 17 / 2023 01:30	0.2	6.9	197	0.2	4.8	214	AX	2.6	191
03 / 17 / 2023 01:00	0.2	7.9	197	AX	5.1	215	1.1	3.4	200
03 / 17 / 2023 00:30	AX	6.1	195	0.2	4.2	212	0.4	2.8	190

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