



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

July 7, 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 <sub>2</sub> S		
Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3
06 / 30 / 2023 00:00	07 / 06 / 2023 23:59	1.0	0.8	0.9

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.

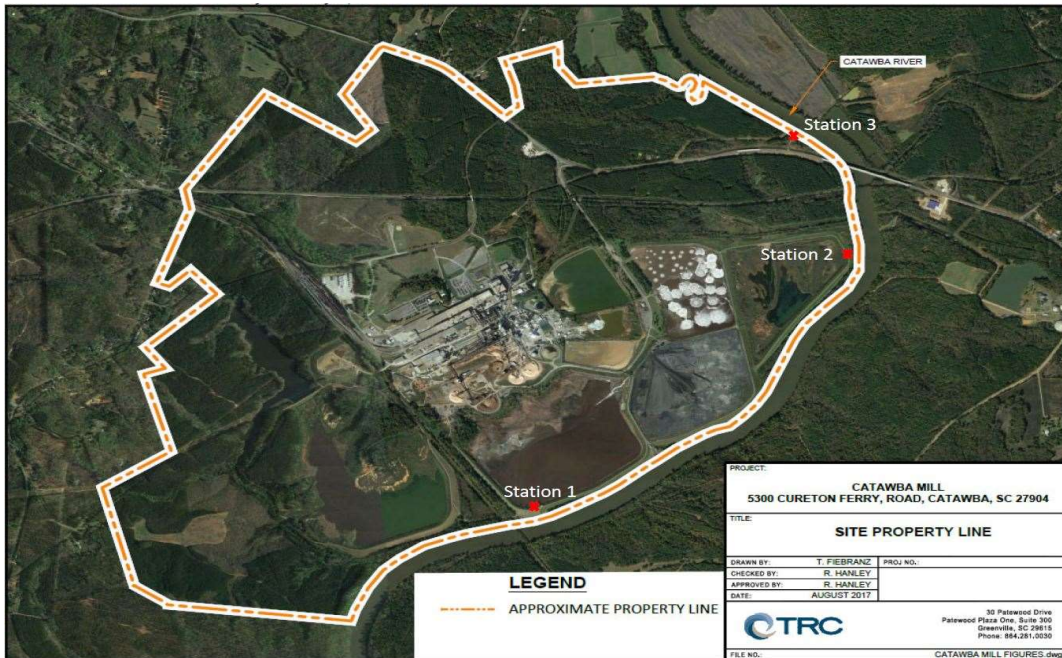
Thank you.

*Dave White*

Environmental Engineer  
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)

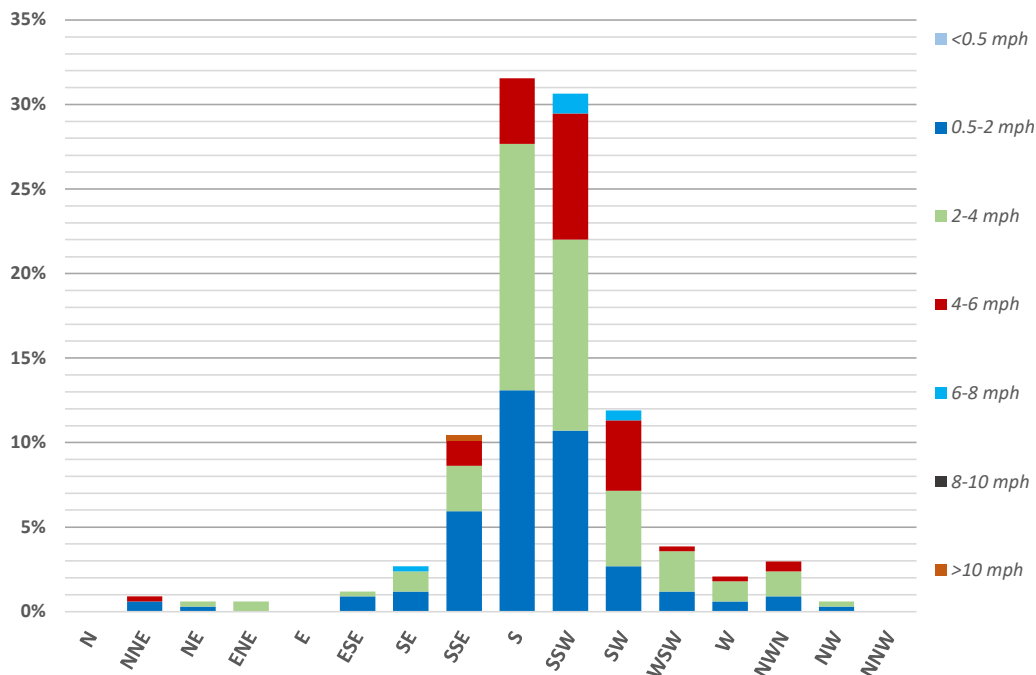


### 7-day Wind Speed vs Direction - 30min Avgs

(percent of time "From" direction)

From: 06/30/2023 00:00

to: 07/06/2023 23:59



7-day Period		Onsite 7-day Avgs, ppb H <sub>2</sub> S			24hr Period	Onsite 24hr Avgs, ppb H <sub>2</sub> 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
06/24/2023 00:00	06/30/2023 23:59	1.6	1.1	1.0	06/30/2023	0.9	0.7	0.4
06/25/2023 00:00	07/01/2023 23:59	1.5	1.0	1.0	07/01/2023	1.0	0.6	0.6
06/26/2023 00:00	07/02/2023 23:59	1.5	0.9	1.1	07/02/2023	1.0	0.8	1.6
06/27/2023 00:00	07/03/2023 23:59	1.5	0.8	0.8	07/03/2023	0.9	1.0	1.5
06/28/2023 00:00	07/04/2023 23:59	1.6	0.6	0.7	07/04/2023	1.1	0.7	0.6
06/29/2023 00:00	07/05/2023 23:59	1.2	0.7	0.8	07/05/2023	0.9	0.9	0.7
06/30/2023 00:00	07/06/2023 23:59	1.0	0.8	0.9	07/06/2023	0.9	1.0	0.9

**30-Minute Avgs**

**EST Ending @**

**Date / Time**

	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
07 / 07 / 2023 00:00	1.1	2.0	193	4.3	0.3	170	4.3	0.3	260
07 / 06 / 2023 23:30	1.0	1.6	190	5.7	0.2	313	3.5	0.2	337
07 / 06 / 2023 23:00	0.9	1.4	198	1.2	0.4	134	2.6	0.3	262
07 / 06 / 2023 22:30	1.0	1.0	200	0.2	0.2	125	0.7	0.2	316
07 / 06 / 2023 22:00	0.8	1.2	204	0.2	0.3	184	0.2	0.3	244
07 / 06 / 2023 21:30	0.9	1.5	187	0.2	0.8	213	0.2	1.0	203
07 / 06 / 2023 21:00	0.9	1.8	179	0.2	0.8	183	0.4	1.2	190
07 / 06 / 2023 20:30	0.9	2.8	190	0.2	1.5	172	1.3	1.0	214
07 / 06 / 2023 20:00	0.8	3.0	189	0.4	1.7	169	3.3	0.9	226
07 / 06 / 2023 19:30	0.9	4.1	197	0.7	1.8	203	4.9	1.1	227
07 / 06 / 2023 19:00	0.9	3.8	190	0.2	1.8	202	4.4	2.0	205
07 / 06 / 2023 18:30	0.9	4.5	188	0.4	2.3	204	4.4	1.8	205
07 / 06 / 2023 18:00	0.8	4.5	188	0.4	1.9	190	1.8	2.2	219
07 / 06 / 2023 17:30	0.8	2.9	186	0.2	2.0	207	0.2	1.2	202
07 / 06 / 2023 17:00	0.9	1.9	195	0.5	1.2	171	0.2	1.1	193
07 / 06 / 2023 16:30	0.8	4.1	195	0.8	0.8	143	0.2	1.1	195
07 / 06 / 2023 16:00	0.8	2.5	175	0.8	1.1	136	0.2	1.1	217
07 / 06 / 2023 15:30	0.9	3.3	191	0.8	2.2	169	0.8	1.2	192
07 / 06 / 2023 15:00	1.1	3.4	164	0.8	2.2	205	0.2	1.5	309
07 / 06 / 2023 14:30	0.8	2.5	243	0.2	2.1	327	0.2	1.5	43
07 / 06 / 2023 14:00	0.9	2.1	218	0.4	1.2	81	0.2	1.4	18
07 / 06 / 2023 13:30	1.1	2.1	253	0.5	1.8	45	0.2	1.7	57
07 / 06 / 2023 13:00	1.7	2.3	72	0.5	2.1	129	0.2	1.4	220
07 / 06 / 2023 12:30	1.6	1.6	269	0.5	2.2	332	0.2	1.4	26
07 / 06 / 2023 12:00	0.8	1.7	298	0.7	3.1	333	0.2	1.5	9
07 / 06 / 2023 11:30	0.7	2.5	198	1.7	1.6	70	0.6	1.7	28
07 / 06 / 2023 11:00	0.8	2.4	168	2.3	1.8	306	2.8	1.7	214
07 / 06 / 2023 10:30	0.8	1.3	219	2.1	1.4	180	1.0	1.6	126
07 / 06 / 2023 10:00	0.9	1.8	191	2.1	1.6	253	0.6	1.4	60
07 / 06 / 2023 09:30	1.0	1.7	106	0.6	1.5	147	0.2	0.9	77
07 / 06 / 2023 09:00	0.8	1.4	186	1.7	0.8	118	0.2	0.8	45
07 / 06 / 2023 08:30	0.9	2.0	182	3.4	1.2	186	1.0	1.1	76
07 / 06 / 2023 08:00	0.9	2.2	174	4.6	1.7	202	0.6	1.6	209
07 / 06 / 2023 07:30	1.3	2.2	188	1.9	1.0	243	0.4	0.9	221
07 / 06 / 2023 07:00	1.3	1.9	164	0.5	0.6	268	0.2	0.6	72
07 / 06 / 2023 06:30	1.8	1.6	319	0.4	0.6	14	0.2	0.5	88
07 / 06 / 2023 06:00	0.9	0.6	32	0.4	0.7	354	0.2	1.1	67
07 / 06 / 2023 05:30	1.0	1.1	172	0.4	0.7	9	0.2	0.7	35
07 / 06 / 2023 05:00	0.9	2.0	145	0.2	0.5	72	0.2	0.5	116
07 / 06 / 2023 04:30	0.9	2.5	165	0.4	0.4	144	0.2	0.4	191
07 / 06 / 2023 04:00	0.8	1.5	178	0.5	0.3	205	0.2	0.7	160
07 / 06 / 2023 03:30	0.8	1.2	176	0.7	0.3	119	0.2	0.3	217
07 / 06 / 2023 03:00	0.9	1.5	173	1.0	0.3	126	0.2	0.4	92
07 / 06 / 2023 02:30	0.8	1.0	137	1.4	0.5	66	0.2	0.3	2
07 / 06 / 2023 02:00	0.9	1.6	166	1.5	1.2	170	0.6	0.8	304
07 / 06 / 2023 01:30	0.9	1.5	175	1.7	1.5	173	AX	0.5	72
07 / 06 / 2023 01:00	0.5	1.8	194	AX	1.2	172	0.4	0.4	180
07 / 06 / 2023 00:30	AX	1.6	210	0.2	0.6	52	0.2	0.5	310

**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
07 / 06 / 2023 00:00	0.7	1.3	200	0.2	0.9	51	0.2	0.7	289
07 / 05 / 2023 23:30	0.8	1.2	186	0.2	0.4	135	0.2	0.5	235
07 / 05 / 2023 23:00	0.9	0.8	181	0.2	0.5	1	0.2	0.6	289
07 / 05 / 2023 22:30	0.8	1.5	106	0.2	0.7	274	0.2	0.7	108
07 / 05 / 2023 22:00	0.8	3.5	75	0.2	0.4	33	0.2	1.6	82
07 / 05 / 2023 21:30	0.8	2.6	126	0.2	0.7	65	0.2	1.6	94
07 / 05 / 2023 21:00	0.8	3.3	189	0.2	0.9	187	0.2	0.8	207
07 / 05 / 2023 20:30	0.9	3.8	159	0.2	1.1	200	0.2	2.0	203
07 / 05 / 2023 20:00	0.9	5.7	163	0.2	1.8	187	0.2	1.9	190
07 / 05 / 2023 19:30	0.8	10.2	163	0.2	4.1	183	0.2	3.6	184
07 / 05 / 2023 19:00	0.9	4.5	156	0.2	1.3	153	0.2	1.6	203
07 / 05 / 2023 18:30	0.9	3.0	174	0.2	0.3	114	0.2	1.0	201
07 / 05 / 2023 18:00	1.0	2.0	192	0.2	0.2	157	0.2	0.2	21
07 / 05 / 2023 17:30	0.9	1.6	167	0.2	0.4	96	0.2	0.3	24
07 / 05 / 2023 17:00	0.9	1.1	157	0.2	0.3	92	0.2	0.7	355
07 / 05 / 2023 16:30	0.8	1.6	182	0.2	0.6	100	0.2	0.2	71
07 / 05 / 2023 16:00	0.8	2.2	255	0.2	1.0	76	0.2	0.3	251
07 / 05 / 2023 15:30	0.8	2.3	246	0.4	1.9	24	0.2	1.2	23
07 / 05 / 2023 15:00	0.9	3.2	259	0.9	2.0	312	0.2	1.0	359
07 / 05 / 2023 14:30	0.9	3.8	299	1.0	2.5	269	0.2	1.3	333
07 / 05 / 2023 14:00	0.8	2.8	203	1.7	1.6	214	0.4	1.2	10
07 / 05 / 2023 13:30	0.9	2.4	227	1.0	1.7	156	1.3	1.2	70
07 / 05 / 2023 13:00	0.8	3.3	191	0.6	2.0	175	1.1	1.1	53
07 / 05 / 2023 12:30	0.8	3.6	208	0.6	1.9	196	0.6	0.9	314
07 / 05 / 2023 12:00	0.8	3.2	232	0.2	1.8	194	3.0	0.6	279
07 / 05 / 2023 11:30	1.0	1.8	212	0.2	1.6	180	0.9	1.2	188
07 / 05 / 2023 11:00	1.9	2.7	212	0.6	1.1	206	1.1	1.2	164
07 / 05 / 2023 10:30	1.2	1.8	208	1.1	0.9	170	0.5	0.9	227
07 / 05 / 2023 10:00	0.9	1.4	197	0.4	0.6	107	0.2	0.4	309
07 / 05 / 2023 09:30	0.9	1.4	211	0.2	1.1	305	0.2	0.4	285
07 / 05 / 2023 09:00	1.0	3.7	308	0.2	2.6	316	0.2	0.5	317
07 / 05 / 2023 08:30	0.9	2.2	270	2.1	1.3	323	0.4	1.3	346
07 / 05 / 2023 08:00	0.9	1.2	194	6.8	0.8	317	3.7	1.3	29
07 / 05 / 2023 07:30	0.9	1.8	176	2.7	0.7	212	0.5	0.5	163
07 / 05 / 2023 07:00	0.8	0.8	188	2.5	1.0	352	1.1	0.7	32
07 / 05 / 2023 06:30	0.8	1.8	190	1.5	0.3	38	2.2	0.4	43
07 / 05 / 2023 06:00	0.9	2.3	202	0.9	0.7	189	0.9	0.2	283
07 / 05 / 2023 05:30	0.9	4.0	194	1.8	0.3	257	0.6	0.2	270
07 / 05 / 2023 05:00	0.9	1.8	184	1.6	0.7	92	0.8	0.4	262
07 / 05 / 2023 04:30	0.9	1.5	178	1.4	0.4	127	1.4	0.3	278
07 / 05 / 2023 04:00	0.9	1.6	191	1.6	0.3	36	1.9	0.4	315
07 / 05 / 2023 03:30	1.0	1.3	179	0.8	0.4	126	2.1	0.7	310
07 / 05 / 2023 03:00	1.0	1.8	208	1.6	0.6	142	1.0	0.7	243
07 / 05 / 2023 02:30	1.0	2.1	216	0.5	0.4	119	0.2	0.4	275
07 / 05 / 2023 02:00	1.0	2.5	188	0.6	0.6	179	0.2	0.5	203
07 / 05 / 2023 01:30	1.0	2.5	179	0.8	0.4	120	AX	0.7	172
07 / 05 / 2023 01:00	1.1	1.9	165	AX	0.5	84	0.7	0.3	80
07 / 05 / 2023 00:30	AX	1.5	204	1.5	0.2	12	0.9	0.3	316

**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
07 / 05 / 2023 00:00	0.8	2.9	190	1.6	0.3	115	1.0	0.2	154
07 / 04 / 2023 23:30	0.9	3.1	187	1.4	0.3	77	0.6	0.3	332
07 / 04 / 2023 23:00	0.9	2.2	177	1.3	0.4	50	0.7	0.3	232
07 / 04 / 2023 22:30	0.9	2.3	211	1.5	0.3	143	0.7	0.4	328
07 / 04 / 2023 22:00	0.9	1.7	173	1.3	0.5	59	0.6	0.6	71
07 / 04 / 2023 21:30	0.9	1.2	162	0.8	0.4	58	0.2	0.5	53
07 / 04 / 2023 21:00	0.9	0.6	249	0.6	0.4	91	0.2	0.4	337
07 / 04 / 2023 20:30	1.0	2.9	195	0.5	0.3	29	0.2	0.3	350
07 / 04 / 2023 20:00	1.0	2.9	205	0.2	0.4	78	0.2	0.4	317
07 / 04 / 2023 19:30	0.8	2.9	224	0.2	0.6	90	0.2	0.3	325
07 / 04 / 2023 19:00	0.9	2.2	280	0.2	0.7	336	0.2	0.4	265
07 / 04 / 2023 18:30	1.1	3.0	296	0.2	2.5	299	0.2	0.2	281
07 / 04 / 2023 18:00	0.8	1.9	248	0.2	2.1	297	0.2	0.3	316
07 / 04 / 2023 17:30	1.0	4.1	291	0.8	2.8	288	0.2	0.4	9
07 / 04 / 2023 17:00	1.2	3.9	292	0.2	3.6	293	0.2	0.5	269
07 / 04 / 2023 16:30	0.9	3.7	278	0.4	3.2	297	0.2	0.6	281
07 / 04 / 2023 16:00	0.9	2.0	246	0.9	2.7	259	0.2	1.0	280
07 / 04 / 2023 15:30	0.8	2.7	223	0.6	2.9	229	0.2	1.0	257
07 / 04 / 2023 15:00	0.9	2.9	239	0.7	3.1	259	0.2	1.3	255
07 / 04 / 2023 14:30	0.9	2.4	220	1.0	3.4	294	0.2	1.4	257
07 / 04 / 2023 14:00	0.8	2.3	220	1.3	2.7	283	0.2	0.9	283
07 / 04 / 2023 13:30	0.9	3.5	250	0.8	1.5	251	0.2	1.3	351
07 / 04 / 2023 13:00	1.0	3.5	243	0.6	1.2	137	0.2	1.5	37
07 / 04 / 2023 12:30	1.6	4.0	21	0.5	1.2	55	0.2	1.3	19
07 / 04 / 2023 12:00	1.1	3.5	179	0.5	1.9	13	0.2	1.3	32
07 / 04 / 2023 11:30	1.6	1.4	178	0.5	1.5	52	0.2	2.4	17
07 / 04 / 2023 11:00	1.6	2.5	47	0.5	1.9	319	0.2	2.1	32
07 / 04 / 2023 10:30	2.2	1.9	33	0.5	1.7	359	0.2	1.6	342
07 / 04 / 2023 10:00	2.6	2.0	113	0.5	1.8	303	0.2	1.4	353
07 / 04 / 2023 09:30	2.0	1.5	138	0.5	1.1	13	0.2	1.5	15
07 / 04 / 2023 09:00	1.3	2.0	159	0.5	1.1	311	0.2	0.9	33
07 / 04 / 2023 08:30	1.0	1.6	296	0.4	1.3	30	0.2	1.5	27
07 / 04 / 2023 08:00	1.0	3.0	301	0.7	1.7	325	0.2	1.6	10
07 / 04 / 2023 07:30	0.9	1.6	192	2.4	0.9	204	2.8	0.8	57
07 / 04 / 2023 07:00	0.8	1.5	221	0.7	1.2	191	2.3	1.1	184
07 / 04 / 2023 06:30	0.8	2.5	190	1.3	0.5	139	0.9	0.3	179
07 / 04 / 2023 06:00	0.9	2.0	192	1.0	0.5	30	1.1	0.2	199
07 / 04 / 2023 05:30	1.3	0.6	39	1.0	0.6	51	1.2	0.5	320
07 / 04 / 2023 05:00	0.7	0.7	224	0.4	0.6	181	0.2	0.4	241
07 / 04 / 2023 04:30	0.8	1.1	188	0.2	1.1	186	1.1	1.1	210
07 / 04 / 2023 04:00	0.9	1.0	185	0.5	0.8	125	2.6	0.3	284
07 / 04 / 2023 03:30	0.9	1.3	202	0.7	0.7	37	2.4	0.6	160
07 / 04 / 2023 03:00	0.8	1.9	198	0.5	0.3	175	1.4	0.7	188
07 / 04 / 2023 02:30	0.8	1.7	214	0.5	0.3	144	0.2	0.3	189
07 / 04 / 2023 02:00	0.9	2.5	196	0.5	0.2	226	0.2	0.5	229
07 / 04 / 2023 01:30	1.1	1.4	184	0.6	0.4	71	AX	0.3	125
07 / 04 / 2023 01:00	1.3	1.0	186	AX	0.6	73	0.7	0.6	325
07 / 04 / 2023 00:30	AX	1.2	185	0.5	0.8	124	1.1	0.4	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
07 / 04 / 2023 00:00	0.8	1.4	178	0.7	0.7	103	1.3	0.4	8
07 / 03 / 2023 23:30	0.8	1.4	210	1.1	0.3	57	1.2	0.2	8
07 / 03 / 2023 23:00	0.9	2.3	201	1.0	0.2	93	1.3	0.3	33
07 / 03 / 2023 22:30	1.0	1.6	185	1.0	0.2	88	1.0	0.4	321
07 / 03 / 2023 22:00	1.0	1.4	199	0.9	0.4	89	1.1	0.2	65
07 / 03 / 2023 21:30	0.8	0.7	227	1.0	0.4	80	1.4	0.6	16
07 / 03 / 2023 21:00	0.9	1.1	201	1.1	0.2	83	2.2	0.4	289
07 / 03 / 2023 20:30	1.0	1.2	212	1.4	0.6	77	0.5	0.3	265
07 / 03 / 2023 20:00	1.0	2.2	183	1.1	0.6	54	0.2	0.7	262
07 / 03 / 2023 19:30	0.9	1.7	208	0.9	0.5	54	0.2	0.4	262
07 / 03 / 2023 19:00	1.0	1.1	210	1.4	0.7	262	0.2	0.6	198
07 / 03 / 2023 18:30	1.3	3.9	294	0.4	2.3	263	0.2	0.4	163
07 / 03 / 2023 18:00	1.1	5.5	294	0.8	3.2	272	0.2	0.7	299
07 / 03 / 2023 17:30	0.8	4.2	210	0.4	2.8	209	0.2	1.1	250
07 / 03 / 2023 17:00	0.8	5.2	214	2.0	4.6	236	0.2	2.0	261
07 / 03 / 2023 16:30	0.8	4.5	230	1.9	5.1	241	0.2	2.2	258
07 / 03 / 2023 16:00	0.8	4.6	230	1.0	3.5	210	2.4	1.8	263
07 / 03 / 2023 15:30	0.8	4.0	208	0.9	2.9	217	4.6	2.5	235
07 / 03 / 2023 15:00	0.8	6.8	214	0.7	4.9	223	1.8	4.1	201
07 / 03 / 2023 14:30	0.8	6.2	203	0.2	3.4	198	2.0	3.3	227
07 / 03 / 2023 14:00	0.9	4.7	197	0.4	2.4	208	1.6	3.2	223
07 / 03 / 2023 13:30	0.8	4.7	189	0.6	3.3	210	0.6	3.6	210
07 / 03 / 2023 13:00	0.7	6.4	206	0.8	4.2	226	1.2	4.1	211
07 / 03 / 2023 12:30	0.6	6.2	202	0.8	3.9	215	2.3	4.0	217
07 / 03 / 2023 12:00	0.7	6.5	216	0.8	5.2	226	2.3	3.2	213
07 / 03 / 2023 11:30	0.8	7.2	213	0.6	4.3	204	1.5	5.0	209
07 / 03 / 2023 11:00	0.7	5.6	191	0.2	2.7	203	1.1	3.0	194
07 / 03 / 2023 10:30	0.7	4.5	194	0.2	2.5	195	1.9	2.5	205
07 / 03 / 2023 10:00	0.8	4.2	192	0.4	2.3	207	1.7	3.1	200
07 / 03 / 2023 09:30	0.9	3.8	204	0.5	2.3	214	2.0	2.4	195
07 / 03 / 2023 09:00	0.8	3.5	203	0.7	2.5	220	2.7	2.5	224
07 / 03 / 2023 08:30	0.8	4.2	201	0.4	2.3	209	2.4	2.4	209
07 / 03 / 2023 08:00	0.8	3.9	189	0.2	2.0	211	1.0	2.4	197
07 / 03 / 2023 07:30	0.8	2.1	182	0.4	1.3	180	3.3	1.0	178
07 / 03 / 2023 07:00	0.9	1.7	203	0.2	0.9	201	1.8	0.7	197
07 / 03 / 2023 06:30	0.9	1.1	179	0.4	1.1	168	2.6	0.6	141
07 / 03 / 2023 06:00	0.8	1.8	162	0.9	1.5	188	0.5	1.5	243
07 / 03 / 2023 05:30	0.8	2.2	182	2.6	2.0	203	0.4	1.4	241
07 / 03 / 2023 05:00	0.9	2.5	215	1.1	1.0	207	0.6	0.6	291
07 / 03 / 2023 04:30	0.9	2.8	178	3.6	1.1	149	0.2	0.6	188
07 / 03 / 2023 04:00	0.9	2.4	213	5.6	2.5	253	0.2	1.2	233
07 / 03 / 2023 03:30	1.0	5.0	222	2.1	3.1	235	3.2	2.0	253
07 / 03 / 2023 03:00	0.9	3.0	197	0.5	1.6	196	0.9	1.3	186
07 / 03 / 2023 02:30	1.0	2.2	188	0.8	1.3	199	4.9	1.3	195
07 / 03 / 2023 02:00	1.1	2.4	198	0.8	1.5	221	5.6	1.6	213
07 / 03 / 2023 01:30	1.1	4.4	197	0.5	1.4	223	AX	1.2	209
07 / 03 / 2023 01:00	1.1	3.7	193	AX	0.6	159	0.2	0.6	212
07 / 03 / 2023 00:30	AX	3.9	174	0.4	0.5	132	1.1	1.0	193

**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
07 / 03 / 2023 00:00	1.3	4.8	182	0.4	1.1	196	0.8	1.3	194
07 / 02 / 2023 23:30	1.0	3.4	172	0.5	1.6	157	1.2	1.3	196
07 / 02 / 2023 23:00	0.8	3.9	185	2.8	1.9	197	0.4	1.8	235
07 / 02 / 2023 22:30	0.9	3.1	216	2.3	1.6	206	5.1	1.6	264
07 / 02 / 2023 22:00	0.9	3.7	199	0.2	1.9	213	5.4	1.8	212
07 / 02 / 2023 21:30	0.9	4.5	199	0.2	2.2	214	2.9	2.0	241
07 / 02 / 2023 21:00	1.0	3.3	177	0.2	1.2	213	1.3	1.1	212
07 / 02 / 2023 20:30	1.0	3.2	188	0.2	1.3	212	2.5	0.9	238
07 / 02 / 2023 20:00	1.1	2.6	173	0.2	1.0	172	1.5	0.5	210
07 / 02 / 2023 19:30	1.1	2.9	193	0.2	1.4	203	0.4	0.7	281
07 / 02 / 2023 19:00	0.9	3.5	181	0.2	1.5	183	0.7	1.1	205
07 / 02 / 2023 18:30	1.0	4.5	187	0.2	2.3	197	0.2	2.0	196
07 / 02 / 2023 18:00	1.0	4.1	183	0.2	2.3	208	0.2	2.1	194
07 / 02 / 2023 17:30	0.9	3.9	180	0.2	1.8	191	0.2	2.0	183
07 / 02 / 2023 17:00	0.9	3.2	181	0.2	2.0	197	1.1	2.2	190
07 / 02 / 2023 16:30	0.9	4.5	197	0.8	3.0	207	3.5	2.4	216
07 / 02 / 2023 16:00	0.7	5.2	227	1.1	4.1	235	1.2	2.2	238
07 / 02 / 2023 15:30	0.8	4.6	223	0.8	3.5	228	1.9	3.0	222
07 / 02 / 2023 15:00	0.8	5.2	217	0.8	3.4	212	2.6	3.3	219
07 / 02 / 2023 14:30	0.8	5.3	208	0.8	3.9	214	1.8	3.0	228
07 / 02 / 2023 14:00	0.8	5.5	223	1.3	4.5	252	1.5	2.8	236
07 / 02 / 2023 13:30	0.8	5.8	214	0.8	4.0	226	0.2	2.2	266
07 / 02 / 2023 13:00	1.0	4.1	218	0.7	3.7	224	0.6	2.8	230
07 / 02 / 2023 12:30	0.9	4.9	201	0.5	3.1	192	1.7	2.8	218
07 / 02 / 2023 12:00	0.9	4.4	201	0.5	3.4	196	0.7	2.4	214
07 / 02 / 2023 11:30	0.8	4.9	188	0.6	3.2	192	1.0	2.2	228
07 / 02 / 2023 11:00	0.8	4.5	200	0.6	3.0	223	0.8	2.5	219
07 / 02 / 2023 10:30	0.8	4.3	207	0.5	3.1	210	2.0	2.9	212
07 / 02 / 2023 10:00	0.7	4.7	207	0.8	2.9	215	1.8	1.0	195
07 / 02 / 2023 09:30	0.8	5.0	219	1.2	3.3	227	0.6	2.2	247
07 / 02 / 2023 09:00	0.8	3.4	217	1.2	3.1	231	3.0	2.3	221
07 / 02 / 2023 08:30	0.9	3.4	203	0.6	2.3	218	2.5	2.4	218
07 / 02 / 2023 08:00	0.8	4.1	199	0.4	2.0	212	2.2	1.6	202
07 / 02 / 2023 07:30	0.8	4.3	199	0.8	2.2	207	4.2	1.8	197
07 / 02 / 2023 07:00	0.9	2.9	193	0.5	1.2	204	3.1	1.8	193
07 / 02 / 2023 06:30	1.0	3.8	187	0.7	1.3	194	4.4	1.7	191
07 / 02 / 2023 06:00	1.1	2.0	191	1.3	1.3	184	2.7	0.5	228
07 / 02 / 2023 05:30	1.0	1.7	182	1.9	1.1	180	2.0	0.3	247
07 / 02 / 2023 05:00	0.9	2.0	186	2.0	1.2	178	2.2	0.5	140
07 / 02 / 2023 04:30	1.2	1.7	203	0.9	0.8	157	0.2	0.3	322
07 / 02 / 2023 04:00	1.2	3.4	172	0.6	0.5	126	0.2	0.4	187
07 / 02 / 2023 03:30	1.3	5.2	173	0.7	0.7	176	0.2	0.4	190
07 / 02 / 2023 03:00	1.5	2.2	193	0.8	0.8	213	0.6	0.7	185
07 / 02 / 2023 02:30	1.3	3.2	193	0.9	1.2	209	1.2	1.2	186
07 / 02 / 2023 02:00	1.6	4.7	180	1.3	1.5	192	BF	1.6	206
07 / 02 / 2023 01:30	2.6	5.1	174	BF	1.6	194	BF	1.8	201
07 / 02 / 2023 01:00	BF	5.7	175	BF	2.4	188	0.2	1.8	199
07 / 02 / 2023 00:30	BF	7.7	140	0.5	1.7	179	0.2	1.6	198

**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
07 / 02 / 2023 00:00	1.0	4.0	160	0.6	0.8	136	1.2	1.1	206
07 / 01 / 2023 23:30	1.1	3.0	180	1.0	0.6	155	0.8	0.4	204
07 / 01 / 2023 23:00	1.1	2.7	196	0.6	0.8	232	0.4	0.8	212
07 / 01 / 2023 22:30	1.2	2.0	236	0.6	0.7	45	0.2	0.9	276
07 / 01 / 2023 22:00	1.2	2.1	168	0.5	0.8	356	0.6	0.5	56
07 / 01 / 2023 21:30	1.3	2.9	181	1.4	0.4	153	2.4	0.4	130
07 / 01 / 2023 21:00	1.4	2.4	197	2.2	0.4	162	2.9	0.3	348
07 / 01 / 2023 20:30	1.2	3.4	199	0.2	1.0	293	0.2	0.9	265
07 / 01 / 2023 20:00	1.5	1.8	146	0.2	0.6	96	0.4	1.2	119
07 / 01 / 2023 19:30	1.3	1.6	187	0.2	0.7	70	1.1	0.6	45
07 / 01 / 2023 19:00	2.4	2.2	188	0.2	0.2	84	0.7	0.2	35
07 / 01 / 2023 18:30	2.1	2.1	180	0.2	0.4	95	1.0	0.3	217
07 / 01 / 2023 18:00	1.0	1.8	177	0.2	0.7	91	1.3	0.3	294
07 / 01 / 2023 17:30	1.4	1.6	174	0.2	1.0	148	2.0	1.2	214
07 / 01 / 2023 17:00	0.9	4.0	203	0.2	2.0	209	2.2	2.7	226
07 / 01 / 2023 16:30	0.8	4.5	203	0.2	2.6	215	0.9	1.9	227
07 / 01 / 2023 16:00	0.8	3.6	197	0.4	2.6	229	0.5	2.0	194
07 / 01 / 2023 15:30	0.8	3.9	185	0.4	1.8	224	0.2	1.3	224
07 / 01 / 2023 15:00	0.8	3.3	177	0.2	2.0	146	0.2	1.9	150
07 / 01 / 2023 14:30	0.8	2.8	163	0.4	1.4	157	0.2	1.4	106
07 / 01 / 2023 14:00	0.8	3.6	213	0.4	2.3	208	0.2	2.0	180
07 / 01 / 2023 13:30	0.8	2.7	219	0.2	1.6	117	0.2	1.5	107
07 / 01 / 2023 13:00	0.8	3.1	220	0.4	2.0	166	0.2	1.6	135
07 / 01 / 2023 12:30	0.7	3.5	183	0.5	2.3	204	0.2	2.3	181
07 / 01 / 2023 12:00	0.7	4.5	169	0.5	1.8	141	0.2	2.1	157
07 / 01 / 2023 11:30	0.7	5.0	168	0.5	1.9	187	0.2	2.7	172
07 / 01 / 2023 11:00	0.7	3.9	178	0.6	2.1	211	0.7	2.7	177
07 / 01 / 2023 10:30	0.9	2.1	159	2.9	1.5	106	1.3	2.4	76
07 / 01 / 2023 10:00	1.0	1.9	273	3.5	1.2	53	1.4	1.8	32
07 / 01 / 2023 09:30	1.0	1.3	298	0.2	1.2	227	0.2	1.1	202
07 / 01 / 2023 09:00	0.9	1.0	157	0.2	0.8	154	0.2	0.7	187
07 / 01 / 2023 08:30	0.9	2.7	173	0.4	0.9	210	0.2	1.1	185
07 / 01 / 2023 08:00	0.9	2.3	169	0.5	1.2	200	0.2	1.5	186
07 / 01 / 2023 07:30	0.9	0.9	103	0.5	0.4	317	0.2	0.4	72
07 / 01 / 2023 07:00	0.9	0.7	164	0.5	0.3	31	0.2	0.6	60
07 / 01 / 2023 06:30	1.1	0.7	138	0.4	0.2	0	0.2	0.7	78
07 / 01 / 2023 06:00	0.9	1.2	166	0.5	0.4	73	0.2	0.6	41
07 / 01 / 2023 05:30	0.8	0.8	236	0.7	0.6	337	0.2	0.5	172
07 / 01 / 2023 05:00	0.9	1.2	162	0.6	0.4	120	0.2	0.4	148
07 / 01 / 2023 04:30	0.9	1.4	176	0.5	0.3	37	0.2	0.3	182
07 / 01 / 2023 04:00	0.9	2.0	214	0.5	0.3	220	0.2	0.6	189
07 / 01 / 2023 03:30	0.9	1.2	199	0.5	0.3	37	0.2	0.4	190
07 / 01 / 2023 03:00	0.9	0.8	168	0.5	0.4	91	0.2	0.7	167
07 / 01 / 2023 02:30	0.9	0.8	216	0.8	0.3	17	0.4	0.5	207
07 / 01 / 2023 02:00	1.0	1.7	203	1.0	0.4	3	0.6	0.7	206
07 / 01 / 2023 01:30	1.4	1.4	159	0.8	0.7	95	AX	0.4	168
07 / 01 / 2023 01:00	1.1	1.5	238	AX	0.5	300	0.2	0.7	269
07 / 01 / 2023 00:30	AX	1.6	212	0.2	0.9	291	0.2	1.0	238



**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
07 / 01 / 2023 00:00	1.0	1.8	162	0.2	0.4	332	0.2	0.5	218
06 / 30 / 2023 23:30	0.9	1.7	177	0.4	0.5	68	0.2	0.5	269
06 / 30 / 2023 23:00	0.8	1.0	155	0.4	0.4	80	0.2	0.2	64
06 / 30 / 2023 22:30	0.7	1.7	203	0.4	0.5	79	0.2	0.4	313
06 / 30 / 2023 22:00	0.9	0.9	178	0.2	0.6	14	0.2	0.4	310
06 / 30 / 2023 21:30	0.9	1.2	150	0.2	0.8	5	0.2	0.6	322
06 / 30 / 2023 21:00	0.9	4.2	165	0.2	0.8	48	0.2	0.9	252
06 / 30 / 2023 20:30	1.0	3.8	143	0.2	0.8	82	0.2	0.6	10
06 / 30 / 2023 20:00	1.2	2.5	170	0.2	0.7	88	0.5	0.6	112
06 / 30 / 2023 19:30	1.1	1.8	192	0.5	0.4	73	0.4	0.4	247
06 / 30 / 2023 19:00	0.9	1.8	182	0.8	0.5	99	0.6	0.2	281
06 / 30 / 2023 18:30	0.8	1.6	210	1.2	0.7	173	1.8	0.3	246
06 / 30 / 2023 18:00	0.8	1.3	222	0.8	1.4	198	1.4	0.9	268
06 / 30 / 2023 17:30	0.7	2.4	209	0.5	1.7	191	0.4	1.8	203
06 / 30 / 2023 17:00	0.6	3.1	210	0.5	2.1	213	0.8	1.9	216
06 / 30 / 2023 16:30	0.7	3.0	192	0.2	2.3	201	0.2	1.9	189
06 / 30 / 2023 16:00	0.7	3.3	182	0.5	2.4	195	0.2	1.6	239
06 / 30 / 2023 15:30	0.8	3.5	223	1.0	2.9	230	0.2	2.2	244
06 / 30 / 2023 15:00	0.7	4.0	222	1.2	3.5	233	0.2	2.4	233
06 / 30 / 2023 14:30	0.7	5.1	215	0.8	3.5	214	0.2	1.8	241
06 / 30 / 2023 14:00	0.8	5.5	269	2.0	4.9	249	0.2	2.1	268
06 / 30 / 2023 13:30	0.8	4.8	232	3.2	4.9	280	0.2	1.7	275
06 / 30 / 2023 13:00	0.8	4.3	255	3.7	5.1	252	0.2	1.8	269
06 / 30 / 2023 12:30	0.8	4.2	229	1.6	3.1	228	0.9	1.8	264
06 / 30 / 2023 12:00	0.8	4.8	211	0.7	3.1	212	1.2	2.1	224
06 / 30 / 2023 11:30	0.8	5.0	206	0.7	3.5	229	1.2	2.6	215
06 / 30 / 2023 11:00	0.8	3.6	197	0.5	2.3	206	0.4	2.2	195
06 / 30 / 2023 10:30	0.9	3.7	163	0.2	1.2	152	0.2	1.7	158
06 / 30 / 2023 10:00	0.9	2.2	179	0.4	1.6	216	2.3	2.2	188
06 / 30 / 2023 09:30	0.9	2.0	197	0.4	1.3	233	1.2	1.6	188
06 / 30 / 2023 09:00	0.9	1.7	199	0.2	0.7	215	0.2	0.7	228
06 / 30 / 2023 08:30	0.8	0.8	182	0.2	0.5	127	0.2	0.3	19
06 / 30 / 2023 08:00	0.9	1.0	248	0.5	0.5	255	0.2	0.4	345
06 / 30 / 2023 07:30	0.8	1.7	139	1.2	0.3	116	0.2	0.7	105
06 / 30 / 2023 07:00	0.7	0.5	187	1.6	0.4	64	0.2	0.5	24
06 / 30 / 2023 06:30	0.7	1.4	209	0.2	0.5	115	0.2	0.4	7
06 / 30 / 2023 06:00	0.7	1.3	218	0.5	0.4	267	0.2	0.7	213
06 / 30 / 2023 05:30	0.8	1.2	166	0.5	0.2	34	0.2	0.3	8
06 / 30 / 2023 05:00	0.9	1.5	179	0.5	0.2	5	0.2	0.2	42
06 / 30 / 2023 04:30	1.0	1.4	172	0.5	0.3	4	0.2	0.2	78
06 / 30 / 2023 04:00	0.9	1.4	180	0.5	0.3	62	0.2	0.4	38
06 / 30 / 2023 03:30	1.0	1.2	169	0.5	0.5	81	0.2	0.5	64
06 / 30 / 2023 03:00	1.2	1.4	164	0.5	0.4	84	0.2	0.3	109
06 / 30 / 2023 02:30	1.1	0.9	197	0.5	0.6	52	0.2	0.4	329
06 / 30 / 2023 02:00	1.3	1.2	190	0.4	0.4	312	0.2	0.5	299
06 / 30 / 2023 01:30	1.1	1.1	165	0.5	0.6	50	AX	0.6	41
06 / 30 / 2023 01:00	1.2	1.3	200	AX	0.6	234	0.2	0.7	252
06 / 30 / 2023 00:30	AX	3.8	145	0.4	0.9	1	0.2	0.9	182

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