



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

August 4, 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
07 / 28 / 2023 00:00	08 / 03 / 2023 23:59	2.6	0.5	0.5

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.

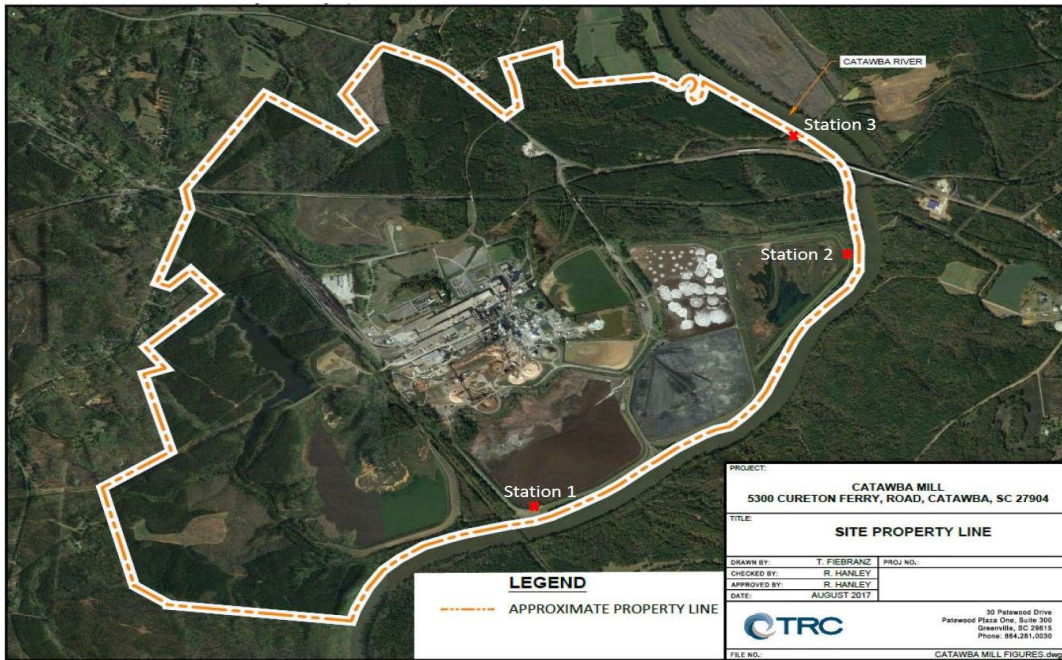
Thank you.

*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)

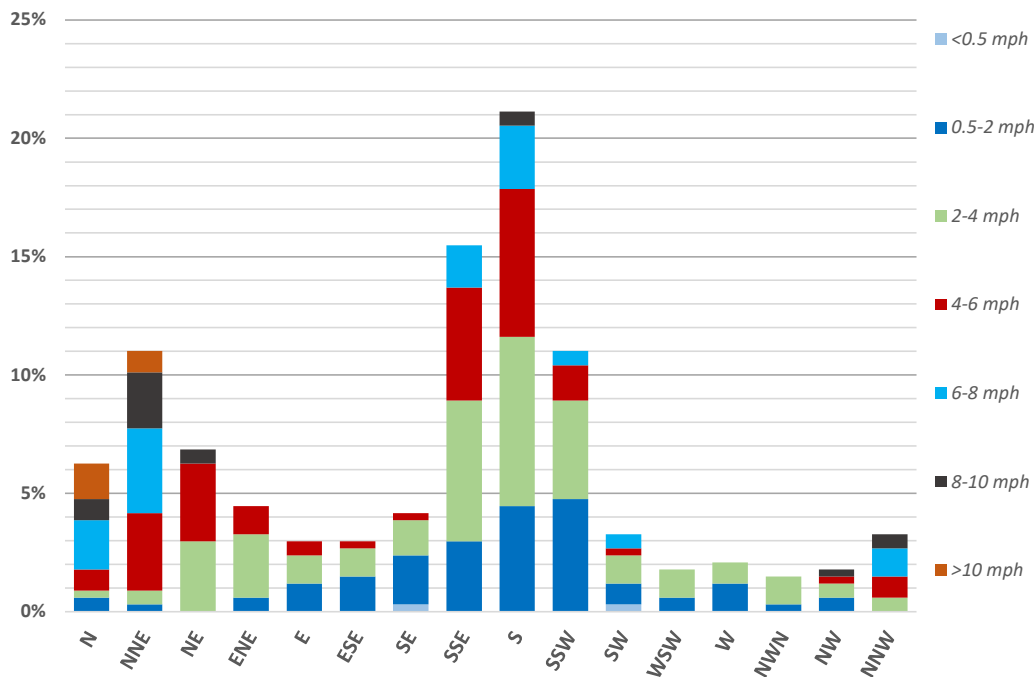


### 7-day Wind Speed vs Direction - 30min Avgs

(percent of time "From" direction)

From: 07/28/2023 00:00

to: 08/03/2023 23:59



#### 7-day Period

Period Start (EST)      Period End (EST)

#### Onsite 7-day Avgs, ppb H<sub>2</sub>S

Station 1      Station 2      Station 3

#### 24hr Period

Calendar Day

00:00 - 24:00

#### Onsite 24hr Avgs, ppb H<sub>2</sub>S

Station 1      Station 2      Station 3

Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3	Calendar Day 00:00 - 24:00	Station 1	Station 2	Station 3
07/22/2023 00:00	07/28/2023 23:59	2.3	0.7	0.6	07/28/2023	1.0	0.5	0.6
07/23/2023 00:00	07/29/2023 23:59	2.0	0.7	0.8	07/29/2023	1.4	0.7	1.4
07/24/2023 00:00	07/30/2023 23:59	1.8	0.7	0.8	07/30/2023	2.9	0.5	0.2
07/25/2023 00:00	07/31/2023 23:59	2.1	0.7	0.8	07/31/2023	4.1	0.4	0.2
07/26/2023 00:00	08/01/2023 23:59	2.5	0.6	0.7	08/01/2023	4.6	0.4	0.2
07/27/2023 00:00	08/02/2023 23:59	2.6	0.5	0.5	08/02/2023	2.9	0.4	0.2
07/28/2023 00:00	08/03/2023 23:59	2.6	0.5	0.5	08/03/2023	1.1	0.5	0.3

### 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
08 / 04 / 2023 00:00	1.1	3.2	156	0.5	1.0	184	0.2	1.2	198
08 / 03 / 2023 23:30	1.1	2.6	164	0.5	1.4	189	0.2	1.3	193
08 / 03 / 2023 23:00	0.9	3.0	170	0.5	1.5	220	0.2	1.2	207
08 / 03 / 2023 22:30	1.0	3.4	169	0.4	1.4	224	0.2	1.1	219
08 / 03 / 2023 22:00	1.0	3.2	155	0.4	1.2	190	0.2	0.9	191
08 / 03 / 2023 21:30	0.9	4.2	193	0.4	1.9	209	0.2	1.5	208
08 / 03 / 2023 21:00	1.0	4.2	179	0.4	1.9	214	0.2	2.1	202
08 / 03 / 2023 20:30	1.0	3.7	164	0.2	1.9	189	0.2	2.3	192
08 / 03 / 2023 20:00	0.9	5.3	154	0.5	1.4	169	0.2	2.2	191
08 / 03 / 2023 19:30	0.9	5.2	153	0.5	1.3	177	0.2	1.4	195
08 / 03 / 2023 19:00	1.0	4.6	160	0.5	1.6	197	0.2	2.2	185
08 / 03 / 2023 18:30	1.0	4.1	157	0.5	1.7	205	0.2	1.9	187
08 / 03 / 2023 18:00	1.0	4.4	163	0.4	2.0	191	0.2	2.2	186
08 / 03 / 2023 17:30	1.1	6.2	162	0.2	2.7	187	0.2	2.7	184
08 / 03 / 2023 17:00	1.2	4.6	170	0.2	2.0	192	0.2	2.2	186
08 / 03 / 2023 16:30	1.0	4.6	167	0.5	2.8	179	0.2	1.9	175
08 / 03 / 2023 16:00	1.0	6.0	165	0.5	2.6	184	0.2	2.6	198
08 / 03 / 2023 15:30	1.0	5.6	170	0.4	2.8	186	0.2	2.7	190
08 / 03 / 2023 15:00	1.0	6.3	170	0.5	2.3	190	0.2	2.0	192
08 / 03 / 2023 14:30	1.1	5.8	162	0.4	3.1	186	0.2	2.6	185
08 / 03 / 2023 14:00	1.1	5.5	164	0.5	3.0	187	0.2	2.5	189
08 / 03 / 2023 13:30	1.1	4.4	169	0.5	2.2	187	0.2	1.6	189
08 / 03 / 2023 13:00	1.1	2.9	180	0.5	1.8	204	0.2	1.6	196
08 / 03 / 2023 12:30	0.9	3.4	165	0.5	1.6	170	0.2	1.6	181
08 / 03 / 2023 12:00	1.0	3.1	173	0.5	2.0	185	0.2	1.5	184
08 / 03 / 2023 11:30	1.2	3.7	170	0.5	1.5	196	0.2	2.4	179
08 / 03 / 2023 11:00	1.2	3.3	173	0.6	1.4	162	0.2	1.5	191
08 / 03 / 2023 10:30	1.2	3.7	151	0.6	0.9	192	0.2	1.0	188
08 / 03 / 2023 10:00	1.2	2.2	155	0.6	0.6	174	0.2	0.6	155
08 / 03 / 2023 09:30	1.1	1.1	190	0.6	0.5	345	0.2	0.4	231
08 / 03 / 2023 09:00	1.2	1.7	153	0.5	0.4	188	0.2	0.6	153
08 / 03 / 2023 08:30	1.1	2.6	166	1.6	1.3	210	3.8	1.5	188
08 / 03 / 2023 08:00	1.0	1.9	214	1.2	1.2	224	1.2	1.2	239
08 / 03 / 2023 07:30	1.1	2.2	196	0.5	1.0	207	0.2	0.8	198
08 / 03 / 2023 07:00	1.0	2.5	177	0.5	1.4	210	0.2	1.2	208
08 / 03 / 2023 06:30	1.0	2.7	163	0.5	1.0	212	0.2	1.1	197
08 / 03 / 2023 06:00	1.0	2.0	159	0.4	0.4	298	0.2	0.8	197
08 / 03 / 2023 05:30	1.1	2.4	147	0.5	0.5	260	0.2	0.7	193
08 / 03 / 2023 05:00	1.3	1.9	159	0.5	1.0	230	0.2	0.9	200
08 / 03 / 2023 04:30	1.4	2.8	158	0.6	0.9	209	0.2	0.9	176
08 / 03 / 2023 04:00	1.4	3.2	161	0.6	0.8	192	0.2	1.1	199
08 / 03 / 2023 03:30	1.5	3.3	181	0.6	1.2	191	0.2	1.1	185
08 / 03 / 2023 03:00	1.5	3.1	183	0.7	1.7	196	0.2	1.4	187
08 / 03 / 2023 02:30	1.8	4.0	177	0.7	1.8	197	0.2	1.7	184
08 / 03 / 2023 02:00	1.4	4.6	160	0.7	1.8	193	0.2	1.9	181
08 / 03 / 2023 01:30	1.2	5.2	154	0.8	2.0	192	AX	2.2	185
08 / 03 / 2023 01:00	1.2	5.9	159	AX	1.7	187	0.2	1.6	195
08 / 03 / 2023 00:30	AX	4.8	161	0.5	1.5	207	0.2	1.6	192

**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
08 / 03 / 2023 00:00	1.0	2.8	156	0.5	0.8	238	0.2	1.2	191
08 / 02 / 2023 23:30	1.1	4.0	151	0.4	0.9	208	0.2	1.2	195
08 / 02 / 2023 23:00	1.1	2.8	142	0.4	0.9	197	0.2	0.8	213
08 / 02 / 2023 22:30	1.0	2.6	150	0.4	0.6	43	0.2	0.6	205
08 / 02 / 2023 22:00	1.0	2.4	135	0.4	0.6	47	0.2	0.7	169
08 / 02 / 2023 21:30	0.9	2.6	139	0.4	0.8	31	0.2	0.7	208
08 / 02 / 2023 21:00	1.0	3.1	123	0.2	0.8	32	0.2	0.7	124
08 / 02 / 2023 20:30	1.0	1.8	153	0.2	0.3	76	0.2	0.5	167
08 / 02 / 2023 20:00	1.2	1.8	152	0.2	0.4	116	0.2	0.4	211
08 / 02 / 2023 19:30	1.1	2.4	162	0.2	0.6	184	0.2	0.9	188
08 / 02 / 2023 19:00	1.0	1.9	163	0.2	0.6	93	0.2	0.3	189
08 / 02 / 2023 18:30	1.1	2.3	181	0.2	0.5	184	0.2	0.9	205
08 / 02 / 2023 18:00	1.1	3.4	182	0.2	1.0	194	0.2	1.5	184
08 / 02 / 2023 17:30	0.9	3.7	198	0.2	1.3	156	0.2	1.5	175
08 / 02 / 2023 17:00	0.8	4.5	190	0.4	1.9	210	0.2	1.2	180
08 / 02 / 2023 16:30	0.8	5.3	181	0.4	1.8	174	0.2	1.7	165
08 / 02 / 2023 16:00	0.9	3.5	117	0.4	2.3	207	0.2	1.7	162
08 / 02 / 2023 15:30	1.0	3.3	159	0.2	2.3	195	0.2	2.1	176
08 / 02 / 2023 15:00	1.0	2.0	115	0.2	1.9	172	0.2	2.0	175
08 / 02 / 2023 14:30	1.6	3.4	115	0.4	0.9	101	0.2	2.0	70
08 / 02 / 2023 14:00	1.1	3.2	288	0.5	1.3	34	0.2	2.2	77
08 / 02 / 2023 13:30	1.1	3.4	94	0.5	2.3	161	0.2	2.2	71
08 / 02 / 2023 13:00	1.1	3.1	67	0.5	1.6	119	0.2	2.4	81
08 / 02 / 2023 12:30	1.1	3.8	58	0.5	1.8	123	0.2	2.6	95
08 / 02 / 2023 12:00	1.2	4.3	78	0.5	1.5	100	0.2	2.5	57
08 / 02 / 2023 11:30	1.1	4.0	106	0.5	1.2	82	0.2	2.9	58
08 / 02 / 2023 11:00	1.2	3.6	61	0.6	1.9	95	0.2	2.4	68
08 / 02 / 2023 10:30	1.2	4.5	95	0.6	1.9	62	0.2	2.5	101
08 / 02 / 2023 10:00	1.9	3.8	77	0.5	1.4	99	0.2	3.3	58
08 / 02 / 2023 09:30	4.0	4.8	54	0.5	1.6	31	0.2	2.1	59
08 / 02 / 2023 09:00	2.9	4.1	65	0.4	1.1	36	0.2	2.2	58
08 / 02 / 2023 08:30	2.0	3.7	76	0.5	1.1	66	0.2	2.6	66
08 / 02 / 2023 08:00	3.3	2.7	66	0.5	0.8	345	0.2	2.6	81
08 / 02 / 2023 07:30	4.7	3.4	49	0.5	0.8	317	0.2	1.5	52
08 / 02 / 2023 07:00	5.2	3.7	49	0.5	0.4	328	0.2	1.4	24
08 / 02 / 2023 06:30	8.0	3.9	50	0.5	0.3	355	0.2	0.6	326
08 / 02 / 2023 06:00	12.9	2.4	51	0.5	0.3	261	0.2	0.9	12
08 / 02 / 2023 05:30	6.7	2.9	46	0.5	0.2	24	0.2	1.4	50
08 / 02 / 2023 05:00	8.4	4.6	49	0.4	0.2	25	0.2	1.1	16
08 / 02 / 2023 04:30	5.2	4.3	47	0.4	0.4	120	0.2	0.7	11
08 / 02 / 2023 04:00	8.2	3.5	53	0.2	0.3	328	0.2	0.7	14
08 / 02 / 2023 03:30	7.8	4.4	46	0.4	0.3	13	0.2	1.1	10
08 / 02 / 2023 03:00	7.3	4.7	44	0.5	0.3	314	0.2	0.5	338
08 / 02 / 2023 02:30	2.0	4.7	48	0.5	0.6	37	0.2	1.0	347
08 / 02 / 2023 02:00	1.7	2.6	71	0.6	0.7	340	0.2	0.9	343
08 / 02 / 2023 01:30	1.4	4.6	55	0.7	0.3	12	AX	1.4	24
08 / 02 / 2023 01:00	1.2	4.4	62	AX	0.7	200	0.2	1.8	32
08 / 02 / 2023 00:30	AX	4.8	66	0.4	0.8	15	0.2	1.8	33

**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
08 / 02 / 2023 00:00	13.8	3.4	41	0.4	0.5	13	0.2	1.6	30
08 / 01 / 2023 23:30	3.5	4.8	46	0.4	0.2	23	0.2	0.7	43
08 / 01 / 2023 23:00	1.8	2.2	81	0.4	0.3	35	0.2	0.3	294
08 / 01 / 2023 22:30	1.1	1.6	91	0.4	0.5	28	0.2	0.5	315
08 / 01 / 2023 22:00	1.1	3.0	70	0.5	0.5	330	0.2	1.0	260
08 / 01 / 2023 21:30	2.8	1.6	134	0.4	0.7	63	0.2	0.6	11
08 / 01 / 2023 21:00	2.2	0.9	163	0.2	0.3	97	0.2	0.6	89
08 / 01 / 2023 20:30	1.2	1.3	107	0.2	0.3	40	0.2	0.5	18
08 / 01 / 2023 20:00	1.1	3.1	136	0.2	0.3	24	0.2	0.7	75
08 / 01 / 2023 19:30	1.8	2.4	98	0.2	0.5	83	0.2	0.4	27
08 / 01 / 2023 19:00	1.0	4.7	56	0.2	0.3	49	0.2	1.3	31
08 / 01 / 2023 18:30	4.7	9.2	47	0.2	0.7	71	0.2	2.3	46
08 / 01 / 2023 18:00	9.9	8.2	22	0.2	0.8	32	0.2	2.5	26
08 / 01 / 2023 17:30	4.4	9.1	30	0.4	1.2	42	0.2	2.7	29
08 / 01 / 2023 17:00	3.2	9.2	36	0.2	1.5	44	0.2	3.2	41
08 / 01 / 2023 16:30	3.6	11.5	29	0.2	1.5	68	0.2	3.9	52
08 / 01 / 2023 16:00	5.7	10.1	20	0.2	2.4	24	0.2	2.2	25
08 / 01 / 2023 15:30	3.3	10.4	9	0.2	1.9	38	0.2	2.9	16
08 / 01 / 2023 15:00	2.6	9.0	18	0.2	2.5	36	0.2	2.8	34
08 / 01 / 2023 14:30	3.6	9.5	17	0.5	2.7	10	0.2	2.6	17
08 / 01 / 2023 14:00	2.1	8.8	20	0.5	3.0	18	0.2	3.2	22
08 / 01 / 2023 13:30	2.0	7.0	25	0.5	2.8	23	0.2	2.7	42
08 / 01 / 2023 13:00	2.6	6.5	24	0.4	2.1	48	0.2	2.6	33
08 / 01 / 2023 12:30	2.0	5.2	33	0.4	2.3	46	0.2	3.0	43
08 / 01 / 2023 12:00	2.7	7.6	30	0.5	2.3	22	0.2	3.1	39
08 / 01 / 2023 11:30	2.5	6.7	25	0.5	2.9	16	0.2	3.0	29
08 / 01 / 2023 11:00	2.2	6.4	25	0.5	3.3	2	0.2	3.0	50
08 / 01 / 2023 10:30	2.6	7.7	33	0.5	1.9	51	0.2	2.9	47
08 / 01 / 2023 10:00	3.3	7.8	32	0.5	2.8	11	0.2	3.1	31
08 / 01 / 2023 09:30	6.5	7.8	26	0.5	2.2	25	0.2	3.1	41
08 / 01 / 2023 09:00	8.4	8.5	26	0.5	2.8	360	0.2	3.3	36
08 / 01 / 2023 08:30	13.3	11.2	33	0.5	1.9	8	0.2	2.6	44
08 / 01 / 2023 08:00	9.0	7.8	32	0.6	1.7	2	0.2	2.5	33
08 / 01 / 2023 07:30	7.9	7.7	32	0.5	0.9	358	0.2	2.0	45
08 / 01 / 2023 07:00	16.7	7.2	31	0.5	0.5	24	0.2	1.8	31
08 / 01 / 2023 06:30	11.9	4.5	26	0.5	0.3	178	0.2	1.3	24
08 / 01 / 2023 06:00	13.0	5.4	44	0.5	0.5	31	0.2	1.0	27
08 / 01 / 2023 05:30	10.3	1.8	354	0.4	0.5	33	0.2	0.4	345
08 / 01 / 2023 05:00	2.8	1.1	193	0.5	0.7	323	0.2	0.4	282
08 / 01 / 2023 04:30	3.0	3.5	65	0.4	0.3	33	0.2	0.4	25
08 / 01 / 2023 04:00	6.8	1.1	125	0.4	0.3	44	0.2	0.3	40
08 / 01 / 2023 03:30	8.7	1.5	149	0.4	0.4	85	0.2	0.4	20
08 / 01 / 2023 03:00	3.8	0.7	356	0.5	0.4	29	0.2	0.6	49
08 / 01 / 2023 02:30	5.9	1.5	301	0.6	0.8	20	0.2	0.4	245
08 / 01 / 2023 02:00	2.7	0.9	324	0.6	0.5	44	0.2	0.6	360
08 / 01 / 2023 01:30	1.1	1.5	134	0.7	0.4	41	AX	0.5	68
08 / 01 / 2023 01:00	1.2	1.0	208	AX	0.5	359	0.2	0.2	355
08 / 01 / 2023 00:30	AX	1.1	113	0.2	0.5	12	0.2	0.4	61

**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
08 / 01 / 2023 00:00	1.1	1.5	98	0.2	0.4	340	0.2	0.8	118
07 / 31 / 2023 23:30	1.1	1.2	122	0.5	0.6	8	0.2	0.5	103
07 / 31 / 2023 23:00	2.3	1.8	63	0.4	0.6	32	0.2	0.5	43
07 / 31 / 2023 22:30	1.0	1.4	159	0.5	0.4	201	0.2	0.7	260
07 / 31 / 2023 22:00	1.8	0.8	173	0.4	0.5	30	0.2	0.6	81
07 / 31 / 2023 21:30	1.8	1.0	134	0.2	0.8	66	0.2	0.4	190
07 / 31 / 2023 21:00	1.0	1.0	131	0.2	0.5	37	0.2	0.4	207
07 / 31 / 2023 20:30	0.9	2.2	153	0.2	0.9	81	0.2	1.1	195
07 / 31 / 2023 20:00	1.0	3.1	145	0.2	1.1	111	0.2	1.3	167
07 / 31 / 2023 19:30	1.0	5.7	142	0.2	1.1	43	0.2	1.6	87
07 / 31 / 2023 19:00	2.3	5.7	93	0.2	1.6	90	0.2	2.0	109
07 / 31 / 2023 18:30	6.6	6.6	3	0.2	2.2	356	0.2	0.4	313
07 / 31 / 2023 18:00	3.5	7.2	348	0.2	2.7	348	0.2	1.9	346
07 / 31 / 2023 17:30	2.8	7.3	339	0.2	3.5	350	0.2	2.3	346
07 / 31 / 2023 17:00	3.4	7.5	346	0.6	3.6	346	0.2	2.2	352
07 / 31 / 2023 16:30	3.8	9.5	346	0.5	4.4	319	0.2	2.6	348
07 / 31 / 2023 16:00	2.9	10.8	350	0.5	4.2	328	0.2	2.1	354
07 / 31 / 2023 15:30	2.7	8.7	350	0.4	3.8	1	0.2	2.7	358
07 / 31 / 2023 15:00	2.5	8.2	341	0.2	4.0	359	0.2	2.9	7
07 / 31 / 2023 14:30	2.3	5.8	326	0.2	3.5	349	0.2	3.1	11
07 / 31 / 2023 14:00	1.8	5.9	331	0.2	3.8	343	0.2	2.9	8
07 / 31 / 2023 13:30	2.3	7.8	336	0.2	3.5	5	0.2	3.3	17
07 / 31 / 2023 13:00	1.6	4.9	336	0.4	3.0	359	0.2	3.0	25
07 / 31 / 2023 12:30	2.2	6.3	356	0.6	3.2	322	0.2	2.6	22
07 / 31 / 2023 12:00	2.2	4.8	344	0.6	3.0	359	0.2	2.3	2
07 / 31 / 2023 11:30	1.9	5.9	14	0.6	3.1	324	0.2	2.3	19
07 / 31 / 2023 11:00	1.5	3.0	51	0.6	1.9	309	0.2	1.8	8
07 / 31 / 2023 10:30	1.7	4.5	11	0.6	2.0	14	0.2	1.9	44
07 / 31 / 2023 10:00	2.3	2.0	36	0.5	2.1	295	0.2	1.4	36
07 / 31 / 2023 09:30	3.7	1.9	132	0.5	1.9	39	0.2	1.8	38
07 / 31 / 2023 09:00	4.9	1.7	115	0.5	1.2	337	0.2	1.5	66
07 / 31 / 2023 08:30	13.6	2.2	48	0.6	1.6	10	0.2	1.8	22
07 / 31 / 2023 08:00	27.9	1.4	27	0.6	0.7	339	0.2	1.7	25
07 / 31 / 2023 07:30	19.4	1.1	57	0.7	0.8	332	0.2	1.2	68
07 / 31 / 2023 07:00	2.8	0.9	220	0.6	0.6	309	0.2	0.8	53
07 / 31 / 2023 06:30	1.5	2.1	168	0.6	0.4	96	0.2	0.4	56
07 / 31 / 2023 06:00	1.9	1.5	266	0.6	1.0	5	0.2	0.5	346
07 / 31 / 2023 05:30	1.5	1.2	177	0.6	0.4	64	0.2	0.5	28
07 / 31 / 2023 05:00	2.2	2.5	204	0.5	0.4	328	0.2	0.4	319
07 / 31 / 2023 04:30	3.4	1.7	197	0.5	0.6	29	0.2	0.3	308
07 / 31 / 2023 04:00	4.1	1.4	124	0.6	0.2	70	0.2	0.2	28
07 / 31 / 2023 03:30	3.3	0.5	202	0.5	0.4	27	0.2	0.8	7
07 / 31 / 2023 03:00	3.9	1.3	174	0.6	0.2	17	0.2	0.2	329
07 / 31 / 2023 02:30	6.6	1.0	191	0.6	0.6	342	0.2	0.3	324
07 / 31 / 2023 02:00	6.3	1.3	176	0.5	0.2	23	0.2	0.3	211
07 / 31 / 2023 01:30	5.8	1.3	161	0.2	0.2	347	AX	0.3	80
07 / 31 / 2023 01:00	9.3	0.8	195	AX	0.2	4	0.2	0.3	277
07 / 31 / 2023 00:30	AX	0.4	139	0.5	0.4	348	0.2	0.3	16

**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 / 31 / 2023 00:00	10.3	0.6	96	0.4	0.3	16	0.2	0.3	42
07 / 30 / 2023 23:30	7.0	1.1	110	0.4	0.3	50	0.2	0.3	79
07 / 30 / 2023 23:00	1.8	1.2	182	0.5	0.5	15	0.2	0.4	40
07 / 30 / 2023 22:30	2.5	1.0	196	0.6	0.5	28	0.2	0.4	21
07 / 30 / 2023 22:00	3.0	0.9	154	0.5	0.2	64	0.2	0.4	24
07 / 30 / 2023 21:30	2.9	1.5	181	0.4	0.2	57	0.2	0.3	294
07 / 30 / 2023 21:00	3.4	1.0	169	0.2	0.3	12	0.2	0.6	301
07 / 30 / 2023 20:30	7.0	2.0	83	0.2	0.4	71	0.2	0.6	270
07 / 30 / 2023 20:00	6.0	3.6	360	0.4	0.7	79	0.2	0.2	251
07 / 30 / 2023 19:30	7.6	6.0	4	0.5	1.9	342	0.2	0.4	302
07 / 30 / 2023 19:00	3.9	2.9	17	0.4	1.3	341	0.2	0.7	340
07 / 30 / 2023 18:30	2.7	4.7	8	0.2	1.9	328	0.2	1.0	360
07 / 30 / 2023 18:00	4.2	6.1	18	0.2	1.8	324	0.2	1.9	354
07 / 30 / 2023 17:30	3.1	8.6	8	0.2	3.5	347	0.2	2.1	1
07 / 30 / 2023 17:00	3.7	13.5	8	0.2	4.9	350	0.2	3.7	357
07 / 30 / 2023 16:30	3.2	17.9	2	0.2	5.7	356	0.2	5.3	359
07 / 30 / 2023 16:00	3.0	16.1	357	0.2	7.5	345	0.2	6.8	357
07 / 30 / 2023 15:30	3.9	9.1	355	0.2	3.6	355	0.2	3.3	1
07 / 30 / 2023 15:00	3.8	9.8	11	0.5	3.6	359	0.2	2.0	6
07 / 30 / 2023 14:30	2.2	5.9	15	0.4	2.9	346	0.2	2.0	352
07 / 30 / 2023 14:00	1.8	4.9	46	0.4	3.8	295	0.2	2.1	15
07 / 30 / 2023 13:30	1.8	4.2	33	0.5	2.9	336	0.2	2.3	1
07 / 30 / 2023 13:00	1.6	4.4	18	0.5	2.5	349	0.2	2.7	1
07 / 30 / 2023 12:30	2.2	5.9	20	0.4	3.0	358	0.2	2.9	11
07 / 30 / 2023 12:00	1.9	5.9	28	0.5	1.8	53	0.2	2.8	27
07 / 30 / 2023 11:30	2.7	7.1	4	0.5	1.6	25	0.2	2.4	15
07 / 30 / 2023 11:00	2.1	5.2	32	0.6	2.4	332	0.2	2.2	0
07 / 30 / 2023 10:30	1.8	6.1	6	0.6	3.8	348	0.2	2.7	358
07 / 30 / 2023 10:00	2.1	6.1	4	0.6	2.6	359	0.2	2.6	4
07 / 30 / 2023 09:30	2.5	5.9	9	0.6	2.6	354	0.2	2.7	3
07 / 30 / 2023 09:00	3.3	6.6	11	0.5	1.5	329	0.2	1.4	344
07 / 30 / 2023 08:30	6.0	4.3	15	0.5	1.1	345	0.2	1.4	359
07 / 30 / 2023 08:00	9.6	3.7	19	0.5	1.0	3	0.2	1.9	17
07 / 30 / 2023 07:30	2.2	1.3	99	0.5	0.4	283	0.2	1.0	75
07 / 30 / 2023 07:00	0.8	1.8	208	0.5	0.5	296	0.2	0.6	135
07 / 30 / 2023 06:30	1.6	2.5	297	0.5	0.4	337	0.2	0.4	352
07 / 30 / 2023 06:00	1.0	1.4	268	0.5	0.6	70	0.2	0.7	74
07 / 30 / 2023 05:30	1.1	1.6	258	0.5	0.8	335	0.2	0.6	254
07 / 30 / 2023 05:00	1.1	2.6	286	0.5	0.3	11	0.2	0.3	140
07 / 30 / 2023 04:30	1.1	3.0	269	0.5	0.7	339	0.2	0.4	258
07 / 30 / 2023 04:00	0.9	2.3	263	0.5	0.6	327	0.2	0.4	238
07 / 30 / 2023 03:30	1.1	1.6	250	0.6	0.9	7	0.2	0.4	352
07 / 30 / 2023 03:00	1.2	2.0	269	0.8	0.4	266	0.5	0.5	249
07 / 30 / 2023 02:30	2.1	1.9	275	1.2	0.9	355	1.9	0.3	266
07 / 30 / 2023 02:00	1.2	3.2	239	2.6	0.7	308	BF	0.6	276
07 / 30 / 2023 01:30	2.2	1.8	278	BF	0.5	350	BF	0.3	235
07 / 30 / 2023 01:00	BF	2.7	312	BF	0.6	23	0.2	0.5	330
07 / 30 / 2023 00:30	BF	2.2	321	0.5	0.5	351	0.2	0.4	216

**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 / 30 / 2023 00:00	1.7	2.7	337	0.5	0.9	15	0.2	0.4	111
07 / 29 / 2023 23:30	1.7	1.9	323	0.5	1.5	351	0.2	0.5	327
07 / 29 / 2023 23:00	1.5	2.9	282	0.5	1.2	48	0.2	0.4	237
07 / 29 / 2023 22:30	1.1	3.7	250	3.5	1.4	288	0.2	0.6	313
07 / 29 / 2023 22:00	4.4	3.6	240	0.5	1.3	261	0.2	1.0	248
07 / 29 / 2023 21:30	9.1	5.9	31	0.2	1.1	59	0.2	1.6	41
07 / 29 / 2023 21:00	7.8	9.6	17	0.2	2.0	12	0.2	2.2	17
07 / 29 / 2023 20:30	1.4	9.9	324	1.3	5.5	306	1.5	2.0	321
07 / 29 / 2023 20:00	1.0	2.1	234	0.5	1.0	291	3.9	0.8	273
07 / 29 / 2023 19:30	1.0	3.1	172	0.2	1.2	179	4.9	1.0	207
07 / 29 / 2023 19:00	1.1	2.2	195	0.2	1.1	186	1.5	0.8	278
07 / 29 / 2023 18:30	1.0	2.9	174	0.2	2.3	172	2.2	1.3	165
07 / 29 / 2023 18:00	0.9	3.7	194	0.5	2.3	199	3.0	2.2	201
07 / 29 / 2023 17:30	0.9	6.0	192	0.5	3.3	214	0.2	3.0	197
07 / 29 / 2023 17:00	0.8	6.8	210	0.6	4.0	214	3.3	4.1	217
07 / 29 / 2023 16:30	0.8	6.1	223	1.0	4.2	232	2.3	3.6	218
07 / 29 / 2023 16:00	0.9	6.7	215	0.8	4.8	235	3.6	4.4	217
07 / 29 / 2023 15:30	0.9	5.7	209	0.7	4.3	217	1.0	2.8	234
07 / 29 / 2023 15:00	0.9	4.7	216	0.6	3.3	221	0.9	2.6	223
07 / 29 / 2023 14:30	0.9	4.9	167	0.4	2.3	222	0.2	2.4	195
07 / 29 / 2023 14:00	1.0	4.5	177	0.5	2.0	188	0.2	1.9	215
07 / 29 / 2023 13:30	1.0	2.4	192	0.5	1.9	196	0.5	2.2	178
07 / 29 / 2023 13:00	1.0	4.5	204	0.5	3.1	217	1.3	2.6	204
07 / 29 / 2023 12:30	1.0	6.3	173	0.4	3.1	191	0.2	3.2	194
07 / 29 / 2023 12:00	0.9	4.8	172	0.4	2.1	185	0.2	1.2	185
07 / 29 / 2023 11:30	0.8	3.1	181	0.2	2.1	211	0.2	1.7	207
07 / 29 / 2023 11:00	1.0	5.5	166	0.5	2.8	193	0.2	2.5	196
07 / 29 / 2023 10:30	1.3	4.5	175	0.5	2.9	192	0.2	2.4	177
07 / 29 / 2023 10:00	0.9	6.2	171	0.5	3.4	188	0.2	3.9	210
07 / 29 / 2023 09:30	0.9	4.5	175	0.5	2.5	203	0.2	2.6	192
07 / 29 / 2023 09:00	0.9	3.1	191	2.7	2.0	196	0.7	1.6	158
07 / 29 / 2023 08:30	1.0	2.3	333	2.7	1.9	235	1.1	0.8	201
07 / 29 / 2023 08:00	0.9	2.7	248	0.4	1.7	238	1.3	1.7	228
07 / 29 / 2023 07:30	0.9	3.4	181	0.5	1.6	182	0.2	1.6	175
07 / 29 / 2023 07:00	0.9	3.2	169	0.5	1.6	189	0.2	1.3	181
07 / 29 / 2023 06:30	1.0	1.6	193	0.5	0.9	174	1.1	0.8	152
07 / 29 / 2023 06:00	1.0	2.2	173	0.7	0.6	135	2.0	0.2	237
07 / 29 / 2023 05:30	0.9	0.8	179	0.6	0.7	156	3.2	0.6	216
07 / 29 / 2023 05:00	0.9	1.4	190	0.5	0.5	174	2.6	0.4	306
07 / 29 / 2023 04:30	1.0	2.3	183	0.4	0.9	169	2.9	1.0	187
07 / 29 / 2023 04:00	1.0	2.0	185	1.4	1.1	190	6.4	0.9	214
07 / 29 / 2023 03:30	1.1	2.9	220	1.0	1.1	216	4.1	1.1	218
07 / 29 / 2023 03:00	1.0	2.6	192	0.6	1.1	184	5.3	0.9	206
07 / 29 / 2023 02:30	1.0	1.1	234	0.6	0.6	208	1.8	0.5	227
07 / 29 / 2023 02:00	1.0	4.4	189	0.5	1.8	203	0.2	1.3	217
07 / 29 / 2023 01:30	1.1	2.8	194	0.2	1.3	188	AX	1.5	177
07 / 29 / 2023 01:00	1.2	4.5	177	AX	1.9	195	0.2	1.7	208
07 / 29 / 2023 00:30	AX	2.7	177	0.4	1.1	178	1.4	1.2	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 / 29 / 2023 00:00	1.0	2.3	190	0.5	1.0	192	0.2	1.1	179
07 / 28 / 2023 23:30	1.1	3.1	174	0.4	1.0	189	0.4	1.1	168
07 / 28 / 2023 23:00	1.1	3.1	185	0.5	1.4	196	3.9	1.7	199
07 / 28 / 2023 22:30	1.0	3.4	215	0.5	1.5	208	2.3	2.1	215
07 / 28 / 2023 22:00	1.1	2.9	200	0.5	1.2	207	0.5	1.3	200
07 / 28 / 2023 21:30	1.1	5.7	180	0.4	2.1	191	0.2	2.2	197
07 / 28 / 2023 21:00	1.1	7.0	168	0.2	2.4	188	0.2	3.2	189
07 / 28 / 2023 20:30	1.1	6.0	169	0.2	3.0	188	0.2	2.3	176
07 / 28 / 2023 20:00	1.1	7.7	173	0.2	3.1	192	0.2	3.0	195
07 / 28 / 2023 19:30	1.1	5.4	184	0.2	2.3	197	0.2	2.8	197
07 / 28 / 2023 19:00	1.0	5.1	188	0.2	1.8	202	0.2	2.3	198
07 / 28 / 2023 18:30	1.0	6.3	180	0.2	3.5	209	0.2	3.9	203
07 / 28 / 2023 18:00	1.0	8.8	169	0.4	3.4	205	0.2	4.0	202
07 / 28 / 2023 17:30	0.9	8.8	169	0.5	3.9	179	0.2	3.8	190
07 / 28 / 2023 17:00	0.8	6.8	171	0.4	3.4	188	0.4	3.0	198
07 / 28 / 2023 16:30	0.9	4.8	201	0.2	2.6	214	0.2	2.3	194
07 / 28 / 2023 16:00	0.9	4.0	191	0.4	1.8	176	0.2	2.1	120
07 / 28 / 2023 15:30	0.8	6.3	165	0.5	3.2	209	0.2	2.2	206
07 / 28 / 2023 15:00	0.9	5.3	176	0.5	3.0	189	0.2	2.4	177
07 / 28 / 2023 14:30	1.2	4.1	183	0.7	3.3	216	0.7	3.1	205
07 / 28 / 2023 14:00	1.2	4.0	188	0.7	3.1	215	0.5	2.8	220
07 / 28 / 2023 13:30	1.2	4.4	162	0.5	3.2	203	0.2	3.4	227
07 / 28 / 2023 13:00	BC	6.5	169	0.5	2.9	202	0.2	3.0	188
07 / 28 / 2023 12:30	BC	5.2	188	0.5	2.6	209	0.2	3.0	180
07 / 28 / 2023 12:00	BC	6.5	173	0.5	3.0	198	0.2	3.1	195
07 / 28 / 2023 11:30	BC	6.0	166	0.5	3.4	200	0.2	3.5	197
07 / 28 / 2023 11:00	1.2	7.8	167	0.6	3.2	189	0.2	2.7	200
07 / 28 / 2023 10:30	1.1	3.7	195	0.8	2.5	217	0.2	2.8	220
07 / 28 / 2023 10:00	1.1	3.3	233	0.7	2.5	177	0.8	2.4	211
07 / 28 / 2023 09:30	1.0	4.0	205	0.8	2.1	220	1.5	2.4	212
07 / 28 / 2023 09:00	0.9	2.9	206	0.7	2.5	189	1.1	1.9	193
07 / 28 / 2023 08:30	1.0	2.7	202	1.6	2.3	203	2.3	1.7	210
07 / 28 / 2023 08:00	1.0	2.8	205	0.6	1.8	212	2.6	2.1	213
07 / 28 / 2023 07:30	1.2	1.3	201	0.5	1.0	214	3.4	1.5	183
07 / 28 / 2023 07:00	0.9	1.4	202	0.5	0.7	238	0.5	0.7	187
07 / 28 / 2023 06:30	1.0	0.9	198	0.5	0.3	115	0.8	0.3	137
07 / 28 / 2023 06:00	0.9	1.1	205	0.4	0.5	77	0.2	0.4	291
07 / 28 / 2023 05:30	1.0	1.4	197	0.4	0.6	165	0.4	0.5	146
07 / 28 / 2023 05:00	1.0	0.4	229	0.5	0.4	25	0.2	0.4	40
07 / 28 / 2023 04:30	1.0	0.9	196	0.4	0.3	194	0.2	0.3	174
07 / 28 / 2023 04:00	1.0	1.1	189	0.5	0.5	133	0.2	0.2	124
07 / 28 / 2023 03:30	1.1	2.3	192	0.5	0.5	166	0.2	0.4	171
07 / 28 / 2023 03:00	1.1	2.2	182	0.5	0.5	185	0.2	0.3	170
07 / 28 / 2023 02:30	1.1	0.6	171	0.6	0.3	94	0.2	0.3	106
07 / 28 / 2023 02:00	1.1	0.8	181	0.6	0.3	231	0.2	0.4	228
07 / 28 / 2023 01:30	1.1	1.3	187	0.4	0.3	234	AX	0.5	204
07 / 28 / 2023 01:00	1.2	1.9	198	AX	0.4	239	0.7	0.6	196
07 / 28 / 2023 00:30	AX	1.2	194	0.6	0.3	242	0.9	0.5	201

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