



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 28, 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 / 21 / 2023 00:00	07 / 27 / 2023 23:59	2.4	0.9	0.6

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.

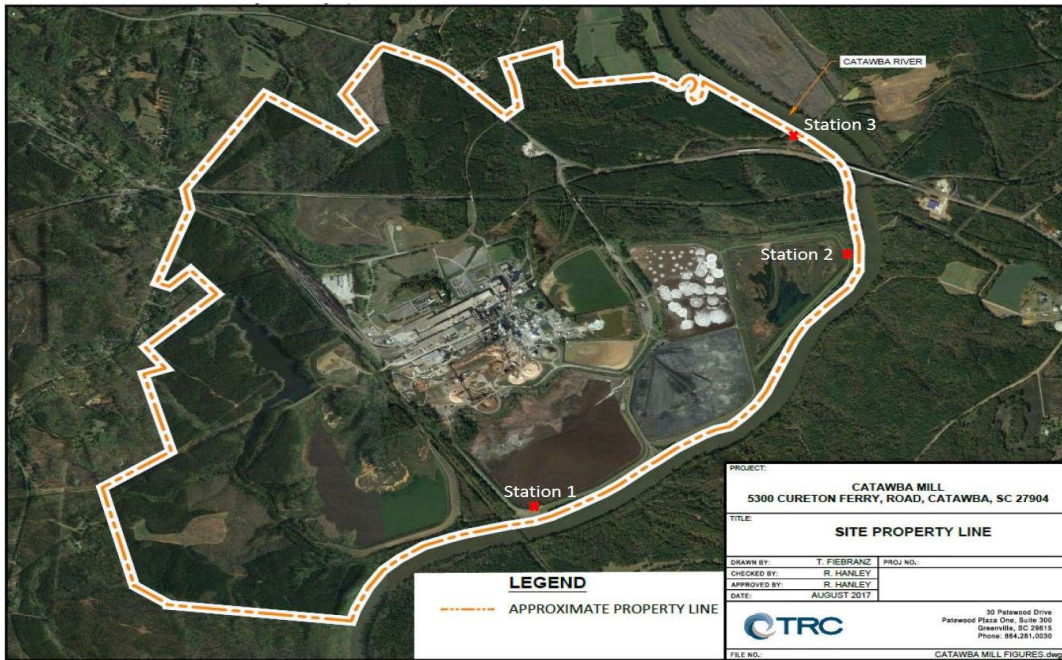
Thank you.

*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)

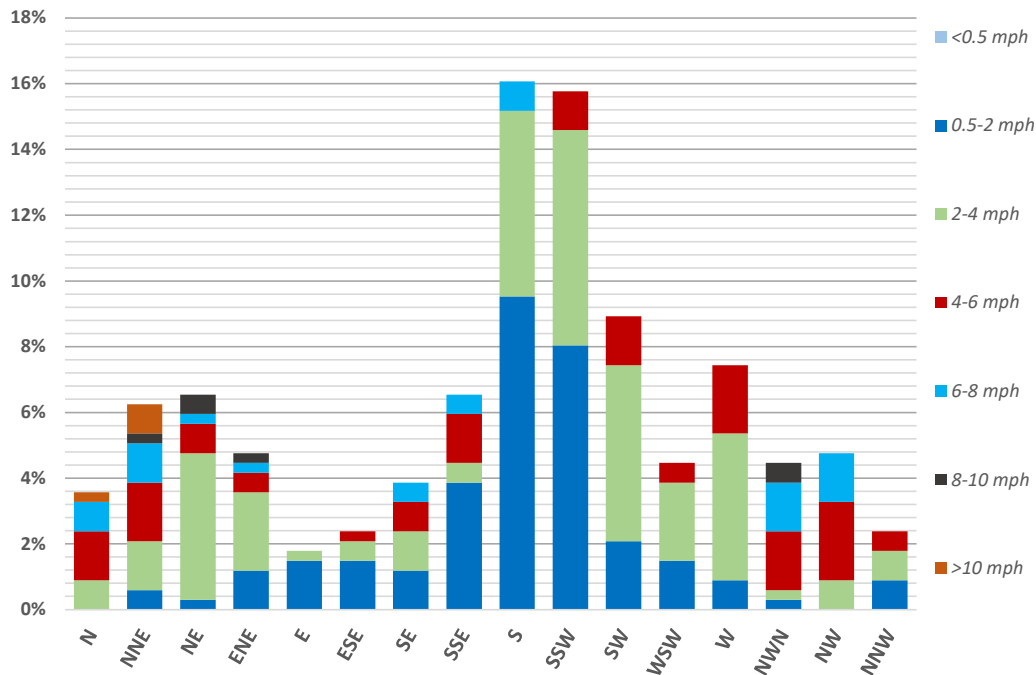


### 7-day Wind Speed vs Direction - 30min Avgs

(percent of time "From" direction)

From: 07/21/2023 00:00

to: 07/27/2023 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
07/15/2023 00:00	07/21/2023 23:59	1.7	1.1	0.6	07/21/2023	1.8	1.9	0.2
07/16/2023 00:00	07/22/2023 23:59	2.1	1.1	0.6	07/22/2023	3.7	0.8	0.2
07/17/2023 00:00	07/23/2023 23:59	2.5	1.1	0.5	07/23/2023	4.2	0.5	0.2
07/18/2023 00:00	07/24/2023 23:59	2.4	1.1	0.5	07/24/2023	1.9	0.5	0.2
07/19/2023 00:00	07/25/2023 23:59	2.2	1.1	0.5	07/25/2023	1.7	1.1	0.6
07/20/2023 00:00	07/26/2023 23:59	2.4	1.1	0.5	07/26/2023	2.4	1.0	1.5
07/21/2023 00:00	07/27/2023 23:59	2.4	0.9	0.6	07/27/2023	1.1	0.7	0.8

**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 / 28 / 2023 00:00	1.3	2.0	174	0.5	0.4	183	0.2	0.5	197
07 / 27 / 2023 23:30	1.2	1.9	200	0.5	0.6	268	0.2	0.7	256
07 / 27 / 2023 23:00	1.1	1.5	209	0.5	0.5	19	0.2	0.3	348
07 / 27 / 2023 22:30	1.1	1.9	198	0.2	0.2	351	0.2	0.2	165
07 / 27 / 2023 22:00	1.1	1.9	201	0.2	0.3	350	0.2	0.3	237
07 / 27 / 2023 21:30	1.1	2.7	201	0.2	0.4	218	0.2	0.5	297
07 / 27 / 2023 21:00	1.3	2.7	181	0.4	0.3	95	0.2	0.3	329
07 / 27 / 2023 20:30	1.0	2.8	200	0.5	0.3	151	0.2	0.3	278
07 / 27 / 2023 20:00	1.1	2.7	191	0.6	0.8	179	0.2	0.5	328
07 / 27 / 2023 19:30	1.2	3.8	181	0.5	1.6	201	0.2	1.1	217
07 / 27 / 2023 19:00	1.1	3.9	179	0.4	1.8	193	0.8	1.4	195
07 / 27 / 2023 18:30	1.1	2.9	191	0.2	1.5	209	0.5	1.0	227
07 / 27 / 2023 18:00	0.9	3.1	183	0.2	1.5	193	2.9	1.2	198
07 / 27 / 2023 17:30	0.9	2.8	202	0.4	0.6	136	2.1	0.6	219
07 / 27 / 2023 17:00	0.8	3.4	203	0.5	1.6	195	2.3	1.5	224
07 / 27 / 2023 16:30	0.7	4.1	193	0.5	2.6	216	0.2	2.6	205
07 / 27 / 2023 16:00	0.9	6.1	174	0.4	3.3	219	0.2	2.8	206
07 / 27 / 2023 15:30	1.1	6.6	171	0.5	3.3	190	0.2	3.2	193
07 / 27 / 2023 15:00	1.1	7.6	184	0.5	2.7	154	0.2	2.6	146
07 / 27 / 2023 14:30	1.1	3.8	206	0.5	2.7	210	0.5	2.6	143
07 / 27 / 2023 14:00	1.0	3.7	182	0.6	1.4	212	0.5	2.0	248
07 / 27 / 2023 13:30	1.0	3.8	223	0.8	2.9	225	0.2	2.8	214
07 / 27 / 2023 13:00	1.0	3.1	248	0.8	2.2	172	0.2	2.4	191
07 / 27 / 2023 12:30	0.8	3.1	213	0.7	3.2	232	0.4	2.4	192
07 / 27 / 2023 12:00	1.0	3.9	178	0.7	2.8	195	0.4	1.9	139
07 / 27 / 2023 11:30	0.9	3.0	230	0.8	2.8	178	0.6	1.6	183
07 / 27 / 2023 11:00	1.0	4.1	195	0.8	3.0	215	0.5	2.6	233
07 / 27 / 2023 10:30	1.0	4.5	213	1.0	2.8	224	0.2	1.6	225
07 / 27 / 2023 10:00	1.2	3.5	222	1.6	3.0	218	0.2	2.0	234
07 / 27 / 2023 09:30	1.2	3.4	248	2.4	3.6	254	0.2	1.7	245
07 / 27 / 2023 09:00	1.1	4.0	224	1.5	2.9	217	1.9	1.9	228
07 / 27 / 2023 08:30	1.0	3.3	204	0.6	2.5	202	3.3	2.1	185
07 / 27 / 2023 08:00	1.0	2.9	215	2.1	1.9	206	5.2	1.8	189
07 / 27 / 2023 07:30	1.1	1.5	198	1.6	0.8	208	5.4	1.8	198
07 / 27 / 2023 07:00	1.0	1.1	228	0.7	0.4	320	2.2	0.7	180
07 / 27 / 2023 06:30	1.2	1.4	207	0.5	0.4	277	0.2	0.6	195
07 / 27 / 2023 06:00	1.1	1.7	197	0.5	0.5	211	0.2	0.8	195
07 / 27 / 2023 05:30	1.1	1.1	229	0.5	0.6	295	0.2	0.3	166
07 / 27 / 2023 05:00	1.3	1.2	199	0.5	0.9	93	0.2	0.7	131
07 / 27 / 2023 04:30	1.1	1.2	180	0.6	0.3	103	0.2	0.5	220
07 / 27 / 2023 04:00	1.2	1.0	179	0.6	0.4	49	0.2	0.4	178
07 / 27 / 2023 03:30	1.2	0.8	209	0.9	0.3	59	1.2	0.3	103
07 / 27 / 2023 03:00	1.1	2.2	196	1.8	0.7	162	2.5	0.4	246
07 / 27 / 2023 02:30	1.1	2.4	188	1.8	0.8	167	0.2	0.4	209
07 / 27 / 2023 02:00	1.1	1.5	195	0.6	0.3	200	0.2	0.3	234
07 / 27 / 2023 01:30	1.1	1.0	204	0.2	0.8	300	AX	0.4	255
07 / 27 / 2023 01:00	1.3	1.5	169	AX	0.4	305	0.2	0.4	215
07 / 27 / 2023 00:30	AX	0.8	177	0.5	0.3	346	0.2	0.4	115

**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 / 27 / 2023 00:00	1.1	0.9	150	0.5	0.2	216	0.7	0.5	197
07 / 26 / 2023 23:30	1.0	1.6	185	0.7	0.3	50	1.4	0.3	146
07 / 26 / 2023 23:00	0.9	1.7	189	1.2	0.4	142	0.7	0.4	192
07 / 26 / 2023 22:30	1.0	1.5	208	1.7	0.5	340	1.3	0.3	239
07 / 26 / 2023 22:00	1.0	1.0	160	2.3	0.6	20	3.1	0.3	333
07 / 26 / 2023 21:30	1.0	1.4	178	3.6	0.6	39	4.6	0.6	314
07 / 26 / 2023 21:00	0.9	2.0	171	1.9	0.7	100	2.8	0.5	184
07 / 26 / 2023 20:30	0.9	2.5	235	1.5	0.8	326	3.3	0.6	295
07 / 26 / 2023 20:00	0.9	1.4	199	2.0	0.5	75	5.0	0.8	207
07 / 26 / 2023 19:30	1.0	2.0	195	2.3	0.9	116	7.4	0.8	222
07 / 26 / 2023 19:00	1.0	1.6	189	1.4	0.5	79	8.9	0.5	143
07 / 26 / 2023 18:30	1.0	1.4	197	0.8	0.4	98	9.1	0.4	318
07 / 26 / 2023 18:00	1.0	3.1	202	0.5	0.6	187	8.7	0.4	198
07 / 26 / 2023 17:30	1.0	3.8	209	2.1	2.0	191	5.9	1.6	201
07 / 26 / 2023 17:00	1.0	3.9	212	0.2	1.8	211	0.8	2.1	201
07 / 26 / 2023 16:30	0.9	4.3	196	0.2	1.8	192	0.2	1.7	219
07 / 26 / 2023 16:00	0.9	6.1	152	0.2	1.4	120	0.2	1.5	197
07 / 26 / 2023 15:30	0.9	6.1	129	0.2	1.9	78	0.2	2.0	110
07 / 26 / 2023 15:00	0.8	7.5	129	0.2	2.0	105	0.2	2.4	138
07 / 26 / 2023 14:30	0.8	5.5	167	0.5	2.0	113	0.2	2.3	108
07 / 26 / 2023 14:00	1.0	2.0	138	1.3	2.1	164	0.2	1.7	107
07 / 26 / 2023 13:30	1.1	2.8	289	1.1	2.6	237	0.2	2.2	184
07 / 26 / 2023 13:00	1.0	3.0	259	1.2	3.3	244	1.1	2.8	208
07 / 26 / 2023 12:30	1.0	3.1	226	1.3	1.9	218	0.6	1.7	154
07 / 26 / 2023 12:00	0.9	1.6	214	0.6	2.9	246	0.2	2.4	221
07 / 26 / 2023 11:30	0.9	2.0	205	0.6	2.0	145	0.2	1.8	157
07 / 26 / 2023 11:00	1.0	2.7	154	0.6	1.6	135	0.2	2.0	179
07 / 26 / 2023 10:30	1.2	1.7	65	0.6	1.4	71	0.2	1.5	66
07 / 26 / 2023 10:00	1.6	1.8	348	0.6	1.0	83	0.2	1.4	22
07 / 26 / 2023 09:30	1.7	1.3	335	0.6	0.9	267	0.2	0.9	50
07 / 26 / 2023 09:00	7.4	1.5	14	0.6	1.0	89	0.2	0.9	92
07 / 26 / 2023 08:30	15.0	1.5	40	0.7	0.9	329	0.2	1.1	35
07 / 26 / 2023 08:00	12.5	1.8	57	0.8	0.4	281	0.2	2.3	1
07 / 26 / 2023 07:30	28.3	2.0	52	0.6	1.2	329	0.2	2.5	10
07 / 26 / 2023 07:00	3.5	1.4	292	0.6	1.1	341	0.2	1.5	348
07 / 26 / 2023 06:30	1.6	1.0	230	0.5	0.8	347	0.2	0.5	354
07 / 26 / 2023 06:00	1.8	0.9	186	0.4	0.3	13	0.2	0.2	86
07 / 26 / 2023 05:30	1.7	1.1	190	0.5	0.3	23	0.2	0.2	84
07 / 26 / 2023 05:00	2.2	1.4	153	0.7	0.2	31	0.2	0.2	44
07 / 26 / 2023 04:30	1.5	0.7	272	0.5	0.3	41	0.2	0.3	35
07 / 26 / 2023 04:00	1.4	1.3	200	0.5	0.6	24	0.2	0.2	304
07 / 26 / 2023 03:30	2.0	1.4	166	0.5	0.2	56	0.2	0.3	165
07 / 26 / 2023 03:00	1.6	1.2	334	1.0	0.2	32	0.9	0.4	51
07 / 26 / 2023 02:30	1.0	0.8	174	0.6	0.2	25	1.0	0.3	12
07 / 26 / 2023 02:00	0.9	1.2	165	0.6	0.4	19	0.2	0.3	348
07 / 26 / 2023 01:30	1.0	1.3	178	0.4	0.3	39	AX	0.3	85
07 / 26 / 2023 01:00	1.3	1.7	178	AX	0.4	18	0.2	0.3	83
07 / 26 / 2023 00:30	AX	1.5	172	1.3	0.4	41	0.2	0.3	49

**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 / 26 / 2023 00:00	0.9	1.2	156	2.7	0.3	39	0.2	0.3	23
07 / 25 / 2023 23:30	0.9	1.9	194	4.2	0.7	74	0.2	0.2	254
07 / 25 / 2023 23:00	0.9	1.9	192	1.0	0.5	309	0.2	0.2	335
07 / 25 / 2023 22:30	1.0	1.7	199	0.7	0.3	4	0.2	0.3	25
07 / 25 / 2023 22:00	1.1	1.7	181	0.6	0.2	24	0.2	0.2	347
07 / 25 / 2023 21:30	0.9	1.1	165	0.2	0.3	37	0.2	0.3	78
07 / 25 / 2023 21:00	1.0	2.0	185	0.2	0.3	29	0.2	0.4	307
07 / 25 / 2023 20:30	1.1	1.8	163	0.2	0.2	108	0.2	0.4	27
07 / 25 / 2023 20:00	1.1	2.9	225	0.2	0.4	89	0.2	0.4	305
07 / 25 / 2023 19:30	1.0	3.2	264	0.2	0.3	99	0.2	0.4	323
07 / 25 / 2023 19:00	1.0	2.0	279	0.2	1.9	357	0.2	0.3	333
07 / 25 / 2023 18:30	1.2	2.3	271	0.2	1.3	323	0.2	0.3	316
07 / 25 / 2023 18:00	1.6	4.9	313	0.2	2.2	305	0.2	0.3	274
07 / 25 / 2023 17:30	1.3	5.8	311	0.5	3.1	311	0.2	0.4	296
07 / 25 / 2023 17:00	1.3	5.5	315	0.5	3.6	293	0.2	1.1	338
07 / 25 / 2023 16:30	0.9	3.5	263	0.5	3.1	291	0.2	1.4	338
07 / 25 / 2023 16:00	1.0	5.1	275	0.6	3.7	303	0.2	1.2	318
07 / 25 / 2023 15:30	1.2	5.1	306	0.6	3.2	294	0.2	1.3	3
07 / 25 / 2023 15:00	1.1	4.4	297	1.2	3.0	258	0.2	1.6	358
07 / 25 / 2023 14:30	0.9	3.9	243	0.9	3.5	264	0.2	1.4	330
07 / 25 / 2023 14:00	1.0	3.7	262	0.6	3.1	248	0.2	1.4	313
07 / 25 / 2023 13:30	1.1	4.2	271	0.5	4.1	304	0.2	1.7	222
07 / 25 / 2023 13:00	0.9	4.6	221	1.0	2.2	254	0.2	1.7	358
07 / 25 / 2023 12:30	1.0	3.5	270	0.7	3.0	233	0.2	1.3	49
07 / 25 / 2023 12:00	0.9	3.3	238	0.5	2.2	187	0.2	1.4	273
07 / 25 / 2023 11:30	1.0	3.8	221	1.0	2.6	237	0.2	1.8	226
07 / 25 / 2023 11:00	1.1	3.6	274	0.6	2.9	219	0.4	1.9	228
07 / 25 / 2023 10:30	1.1	3.5	244	1.3	1.6	259	0.8	1.6	186
07 / 25 / 2023 10:00	1.2	2.2	267	3.7	2.0	166	1.4	1.3	68
07 / 25 / 2023 09:30	1.2	1.9	226	4.8	0.7	120	0.7	1.3	71
07 / 25 / 2023 09:00	2.5	1.4	173	4.4	0.8	60	3.6	1.5	54
07 / 25 / 2023 08:30	5.8	1.3	149	4.2	0.7	17	5.3	1.5	32
07 / 25 / 2023 08:00	6.4	0.5	159	2.5	0.6	10	4.0	1.3	18
07 / 25 / 2023 07:30	5.5	0.6	185	2.2	0.4	341	2.2	0.9	30
07 / 25 / 2023 07:00	2.9	1.1	206	1.4	0.4	337	1.1	0.3	31
07 / 25 / 2023 06:30	3.2	1.1	171	0.9	0.3	27	0.2	0.4	41
07 / 25 / 2023 06:00	2.8	1.0	195	0.5	0.4	8	0.2	0.2	345
07 / 25 / 2023 05:30	2.0	1.6	191	0.5	0.2	3	0.2	0.2	345
07 / 25 / 2023 05:00	2.0	1.3	186	0.5	0.2	5	0.2	0.2	7
07 / 25 / 2023 04:30	2.6	1.1	178	0.6	0.3	351	0.2	0.3	17
07 / 25 / 2023 04:00	1.8	1.4	198	0.5	0.2	28	0.2	0.3	14
07 / 25 / 2023 03:30	1.8	1.1	185	0.6	0.3	28	0.2	0.3	40
07 / 25 / 2023 03:00	1.7	0.6	174	0.5	0.4	27	0.2	0.2	344
07 / 25 / 2023 02:30	1.6	1.2	180	0.6	0.3	10	0.2	0.2	31
07 / 25 / 2023 02:00	2.1	1.0	175	0.7	0.4	9	0.2	0.3	322
07 / 25 / 2023 01:30	2.5	1.4	179	0.4	0.3	21	AX	0.2	15
07 / 25 / 2023 01:00	1.9	1.3	196	AX	0.2	6	0.2	0.2	326
07 / 25 / 2023 00:30	AX	1.8	194	0.4	0.2	295	0.2	0.2	194

**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 / 25 / 2023 00:00	1.5	1.3	178	0.4	0.2	38	0.2	0.3	23
07 / 24 / 2023 23:30	1.7	1.0	168	0.5	0.2	54	0.2	0.3	47
07 / 24 / 2023 23:00	1.4	1.6	192	0.5	0.3	61	0.2	0.3	306
07 / 24 / 2023 22:30	1.3	1.5	193	0.5	0.3	38	0.2	0.2	311
07 / 24 / 2023 22:00	1.2	1.3	172	0.5	0.5	53	0.2	0.4	11
07 / 24 / 2023 21:30	1.1	1.7	181	0.4	0.8	19	0.2	0.4	43
07 / 24 / 2023 21:00	1.1	1.3	200	0.2	0.2	61	0.2	0.3	358
07 / 24 / 2023 20:30	1.2	2.0	170	0.2	0.3	83	0.2	0.4	23
07 / 24 / 2023 20:00	1.2	2.0	180	0.2	0.4	81	0.2	0.3	343
07 / 24 / 2023 19:30	1.4	2.2	188	0.2	0.3	94	0.2	0.3	311
07 / 24 / 2023 19:00	1.8	1.6	167	0.2	0.3	74	0.2	0.3	237
07 / 24 / 2023 18:30	3.9	2.9	30	0.2	1.5	10	0.2	0.3	330
07 / 24 / 2023 18:00	3.3	4.4	26	0.2	2.4	342	0.2	0.3	322
07 / 24 / 2023 17:30	2.8	3.2	28	0.2	2.0	329	0.2	0.6	312
07 / 24 / 2023 17:00	1.9	3.6	20	0.2	2.6	340	0.2	1.6	353
07 / 24 / 2023 16:30	1.8	5.7	358	0.4	3.0	344	0.2	1.7	345
07 / 24 / 2023 16:00	2.0	7.0	10	0.5	3.0	347	0.2	2.0	350
07 / 24 / 2023 15:30	1.3	3.6	358	0.5	3.4	352	0.2	2.4	13
07 / 24 / 2023 15:00	1.7	3.0	42	0.7	3.1	275	0.2	2.2	348
07 / 24 / 2023 14:30	2.1	3.1	55	0.2	2.4	283	0.2	1.7	328
07 / 24 / 2023 14:00	1.4	2.5	20	0.4	2.2	337	0.2	2.3	354
07 / 24 / 2023 13:30	1.5	4.0	338	0.4	2.7	358	0.2	2.0	341
07 / 24 / 2023 13:00	1.2	3.5	44	0.5	2.3	346	0.2	1.6	43
07 / 24 / 2023 12:30	1.5	3.6	5	0.5	2.9	314	0.2	1.5	53
07 / 24 / 2023 12:00	1.8	4.9	37	0.5	3.2	316	0.2	2.3	335
07 / 24 / 2023 11:30	2.2	5.6	21	0.5	2.7	354	0.2	2.6	6
07 / 24 / 2023 11:00	1.8	5.9	21	0.5	3.1	15	0.2	2.7	20
07 / 24 / 2023 10:30	1.5	5.5	352	0.5	2.8	350	0.2	3.2	11
07 / 24 / 2023 10:00	1.7	6.5	1	0.5	3.0	338	0.2	2.4	4
07 / 24 / 2023 09:30	1.8	3.8	337	0.5	2.6	3	0.2	2.1	13
07 / 24 / 2023 09:00	5.3	2.2	35	0.5	2.1	352	0.2	2.3	17
07 / 24 / 2023 08:30	4.8	3.6	28	0.5	1.7	13	0.2	2.3	19
07 / 24 / 2023 08:00	2.3	2.0	43	0.5	1.7	13	0.2	1.5	20
07 / 24 / 2023 07:30	3.5	1.1	15	0.6	0.9	335	0.2	1.0	23
07 / 24 / 2023 07:00	1.5	0.8	168	0.5	0.5	326	0.2	0.8	312
07 / 24 / 2023 06:30	1.6	0.6	202	0.5	0.6	26	0.2	0.9	357
07 / 24 / 2023 06:00	1.3	1.6	253	0.4	1.0	26	0.2	0.6	52
07 / 24 / 2023 05:30	1.8	3.0	322	0.4	1.9	353	0.2	0.4	292
07 / 24 / 2023 05:00	1.4	2.1	262	0.4	0.7	332	0.2	0.4	267
07 / 24 / 2023 04:30	1.4	0.8	248	0.5	1.0	8	0.2	0.3	314
07 / 24 / 2023 04:00	1.8	1.2	182	0.6	0.4	25	0.2	0.2	264
07 / 24 / 2023 03:30	3.2	1.9	252	0.6	0.3	326	0.2	0.4	280
07 / 24 / 2023 03:00	1.5	1.4	83	0.7	0.4	19	0.2	0.7	359
07 / 24 / 2023 02:30	2.6	1.3	73	0.8	0.5	358	0.2	0.5	338
07 / 24 / 2023 02:00	1.5	2.3	73	0.9	1.3	19	0.2	1.0	33
07 / 24 / 2023 01:30	0.9	4.2	160	1.5	0.5	149	AX	0.8	186
07 / 24 / 2023 01:00	1.1	3.0	170	AX	0.7	164	0.2	1.1	208
07 / 24 / 2023 00:30	AX	2.4	261	0.9	0.8	149	0.2	0.9	174

**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 / 24 / 2023 00:00	1.6	5.5	317	0.5	1.7	283	0.2	1.1	249
07 / 23 / 2023 23:30	1.4	5.8	306	0.6	2.1	292	0.2	1.2	273
07 / 23 / 2023 23:00	2.6	4.6	306	0.5	1.9	325	0.2	0.9	303
07 / 23 / 2023 22:30	3.6	6.0	316	0.8	3.7	307	0.2	1.1	308
07 / 23 / 2023 22:00	1.8	4.7	296	0.9	2.3	290	0.2	0.9	257
07 / 23 / 2023 21:30	1.5	2.2	141	0.2	0.8	81	0.2	0.6	195
07 / 23 / 2023 21:00	1.0	5.1	161	0.4	1.6	205	0.2	2.1	195
07 / 23 / 2023 20:30	1.0	7.5	157	0.5	2.5	178	0.2	3.2	186
07 / 23 / 2023 20:00	1.0	5.3	150	0.5	1.3	59	0.2	1.5	187
07 / 23 / 2023 19:30	1.0	3.7	135	0.4	0.8	37	0.2	0.5	146
07 / 23 / 2023 19:00	0.9	2.4	118	0.4	0.9	3	0.2	0.7	10
07 / 23 / 2023 18:30	0.9	1.3	87	0.4	1.0	8	0.2	0.5	348
07 / 23 / 2023 18:00	0.9	1.8	104	0.2	1.3	358	0.2	0.8	349
07 / 23 / 2023 17:30	1.0	3.0	72	0.4	0.9	48	0.2	1.4	65
07 / 23 / 2023 17:00	0.9	3.9	90	0.5	1.4	35	0.2	2.8	68
07 / 23 / 2023 16:30	1.2	5.9	75	0.2	1.3	68	0.2	3.5	83
07 / 23 / 2023 16:00	3.0	8.6	59	0.2	1.3	90	0.2	3.1	71
07 / 23 / 2023 15:30	15.0	11.6	30	0.2	1.3	56	0.2	3.7	48
07 / 23 / 2023 15:00	23.6	17.3	20	0.2	2.7	33	0.2	4.2	41
07 / 23 / 2023 14:30	6.5	13.9	358	0.5	7.4	329	0.2	4.7	349
07 / 23 / 2023 14:00	2.7	6.5	57	0.4	1.5	92	0.2	3.8	71
07 / 23 / 2023 13:30	11.0	9.5	42	0.2	1.5	80	0.2	4.4	67
07 / 23 / 2023 13:00	14.4	15.4	31	0.4	1.8	46	0.2	4.2	48
07 / 23 / 2023 12:30	3.3	6.9	54	0.6	2.8	33	0.2	3.7	47
07 / 23 / 2023 12:00	1.0	3.7	149	0.6	2.8	195	0.2	2.7	203
07 / 23 / 2023 11:30	1.1	4.9	147	0.5	2.2	157	0.2	2.3	192
07 / 23 / 2023 11:00	1.1	2.4	138	0.5	1.5	147	0.2	2.0	198
07 / 23 / 2023 10:30	1.0	4.1	134	0.6	0.8	174	0.2	1.5	192
07 / 23 / 2023 10:00	1.0	4.7	130	0.6	1.5	113	0.2	1.6	167
07 / 23 / 2023 09:30	1.0	4.8	120	0.6	1.4	104	0.2	2.3	163
07 / 23 / 2023 09:00	1.1	4.1	138	0.6	1.3	125	0.2	1.9	110
07 / 23 / 2023 08:30	3.6	2.8	70	0.5	0.8	131	0.2	2.4	89
07 / 23 / 2023 08:00	1.8	3.3	66	0.6	0.9	60	0.2	2.0	78
07 / 23 / 2023 07:30	3.2	2.8	68	0.6	1.0	312	0.2	1.2	63
07 / 23 / 2023 07:00	7.5	2.7	36	0.5	0.9	355	0.2	0.9	29
07 / 23 / 2023 06:30	9.5	2.8	44	0.5	0.4	312	0.2	0.6	324
07 / 23 / 2023 06:00	5.4	4.1	46	0.5	0.4	39	0.2	0.4	354
07 / 23 / 2023 05:30	5.0	0.9	84	0.5	0.4	25	0.2	0.2	304
07 / 23 / 2023 05:00	3.0	1.3	111	0.5	0.6	345	0.2	0.3	251
07 / 23 / 2023 04:30	3.9	3.0	49	0.5	0.2	11	0.2	0.2	21
07 / 23 / 2023 04:00	7.2	3.4	43	0.5	0.3	197	0.2	0.4	172
07 / 23 / 2023 03:30	12.5	3.6	37	0.6	0.3	57	0.2	0.7	11
07 / 23 / 2023 03:00	7.5	2.6	40	0.7	0.3	319	0.8	0.2	4
07 / 23 / 2023 02:30	5.6	3.9	53	1.2	0.3	79	1.8	0.5	38
07 / 23 / 2023 02:00	6.0	2.0	44	2.7	0.6	353	BF	0.2	289
07 / 23 / 2023 01:30	4.3	2.7	60	BF	0.3	45	BF	0.2	295
07 / 23 / 2023 01:00	BF	1.0	85	BF	0.4	20	0.2	0.3	334
07 / 23 / 2023 00:30	BF	0.8	187	0.4	0.3	317	0.2	0.4	276

### 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 / 23 / 2023 00:00	1.1	0.8	113	0.4	0.5	353	0.2	0.3	271
07 / 22 / 2023 23:30	1.4	0.8	136	0.4	0.4	37	0.2	0.3	301
07 / 22 / 2023 23:00	1.3	1.4	222	0.4	0.5	347	0.2	0.4	247
07 / 22 / 2023 22:30	3.0	1.0	69	0.4	0.5	20	0.2	0.4	303
07 / 22 / 2023 22:00	1.1	1.4	125	0.5	0.3	44	0.2	0.3	46
07 / 22 / 2023 21:30	1.9	1.5	105	0.5	0.3	47	0.2	0.3	39
07 / 22 / 2023 21:00	1.9	1.8	84	0.2	0.5	10	0.2	0.2	49
07 / 22 / 2023 20:30	1.4	1.0	127	0.2	0.5	23	0.2	0.3	10
07 / 22 / 2023 20:00	1.1	1.3	140	0.2	0.2	51	0.2	0.3	354
07 / 22 / 2023 19:30	1.0	1.9	114	0.2	0.4	69	0.2	0.4	2
07 / 22 / 2023 19:00	1.0	2.4	103	0.4	0.2	96	0.2	0.9	28
07 / 22 / 2023 18:30	1.8	5.2	54	0.4	0.3	55	0.2	1.6	33
07 / 22 / 2023 18:00	1.1	5.3	56	0.4	0.7	76	0.2	1.7	48
07 / 22 / 2023 17:30	2.2	6.7	33	0.2	0.9	89	0.2	2.8	52
07 / 22 / 2023 17:00	3.3	7.5	28	0.4	0.8	38	0.2	1.9	38
07 / 22 / 2023 16:30	1.8	8.5	39	0.4	1.0	52	0.2	2.2	49
07 / 22 / 2023 16:00	1.3	2.9	61	0.4	1.1	65	0.2	2.4	46
07 / 22 / 2023 15:30	2.0	6.5	23	0.5	2.7	21	0.2	2.2	356
07 / 22 / 2023 15:00	2.1	5.8	17	0.5	3.0	44	0.2	2.6	26
07 / 22 / 2023 14:30	2.3	6.9	25	0.5	3.5	317	0.2	2.4	12
07 / 22 / 2023 14:00	1.6	4.6	351	0.6	2.4	29	0.2	2.5	26
07 / 22 / 2023 13:30	1.3	4.0	332	0.6	2.6	345	0.2	2.2	23
07 / 22 / 2023 13:00	1.3	4.1	294	0.6	2.9	312	0.2	2.6	23
07 / 22 / 2023 12:30	1.4	3.3	172	0.6	3.0	3	0.2	2.2	4
07 / 22 / 2023 12:00	1.4	2.1	59	0.6	2.7	330	0.2	2.1	2
07 / 22 / 2023 11:30	5.5	4.7	25	0.5	3.9	289	0.2	2.0	350
07 / 22 / 2023 11:00	10.3	7.0	11	0.5	2.9	346	0.2	3.1	11
07 / 22 / 2023 10:30	12.8	8.3	13	0.5	2.9	358	0.2	2.1	355
07 / 22 / 2023 10:00	15.2	4.3	10	0.2	1.0	7	0.2	1.0	344
07 / 22 / 2023 09:30	6.0	3.3	39	0.5	0.6	20	0.2	1.2	10
07 / 22 / 2023 09:00	20.1	5.5	25	0.5	0.8	13	0.2	1.4	9
07 / 22 / 2023 08:30	19.9	4.1	9	0.5	0.7	339	0.2	0.6	330
07 / 22 / 2023 08:00	7.1	3.2	333	0.5	1.1	2	0.2	0.4	298
07 / 22 / 2023 07:30	6.0	4.1	326	0.6	1.2	290	0.2	0.3	262
07 / 22 / 2023 07:00	9.8	3.3	7	0.6	0.2	338	0.2	0.5	323
07 / 22 / 2023 06:30	1.5	0.9	179	0.6	0.3	354	0.2	0.4	78
07 / 22 / 2023 06:00	1.0	1.4	260	0.5	0.6	334	0.2	0.4	258
07 / 22 / 2023 05:30	1.2	2.0	268	0.6	0.2	56	0.2	0.3	221
07 / 22 / 2023 05:00	1.3	1.1	275	1.6	1.0	226	0.2	0.5	208
07 / 22 / 2023 04:30	0.9	3.8	233	4.2	1.8	246	0.2	1.3	230
07 / 22 / 2023 04:00	1.0	2.9	227	4.2	0.6	206	0.2	0.6	236
07 / 22 / 2023 03:30	0.9	3.2	226	3.3	1.0	212	0.6	0.7	224
07 / 22 / 2023 03:00	1.1	3.7	218	0.7	0.9	264	0.2	0.9	269
07 / 22 / 2023 02:30	2.0	3.1	186	0.6	0.8	152	0.2	0.8	182
07 / 22 / 2023 02:00	2.8	2.4	329	0.6	0.4	250	0.4	0.3	93
07 / 22 / 2023 01:30	6.1	2.4	324	0.4	0.4	21	AX	0.2	303
07 / 22 / 2023 01:00	1.2	1.7	252	AX	0.4	31	0.2	0.3	246
07 / 22 / 2023 00:30	AX	2.9	262	3.0	0.7	283	0.6	0.3	250



**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 / 22 / 2023 00:00	1.0	2.9	228	1.3	1.0	201	1.4	0.9	251
07 / 21 / 2023 23:30	1.0	2.6	193	0.7	0.6	174	0.6	0.6	209
07 / 21 / 2023 23:00	1.0	2.1	191	1.2	1.0	150	0.2	1.0	156
07 / 21 / 2023 22:30	1.1	2.7	207	0.8	0.9	84	0.4	0.9	92
07 / 21 / 2023 22:00	1.0	3.2	200	0.4	0.8	95	0.2	1.1	223
07 / 21 / 2023 21:30	1.6	4.9	271	0.2	0.7	21	0.2	0.6	204
07 / 21 / 2023 21:00	3.9	6.6	318	0.2	1.8	4	0.2	0.8	317
07 / 21 / 2023 20:30	5.6	3.8	326	0.4	1.1	14	0.2	0.8	3
07 / 21 / 2023 20:00	1.2	2.2	195	2.2	1.4	52	0.2	1.3	356
07 / 21 / 2023 19:30	0.9	3.1	195	2.7	0.6	112	0.2	0.4	313
07 / 21 / 2023 19:00	0.9	3.8	216	3.9	0.9	233	0.2	0.3	288
07 / 21 / 2023 18:30	0.9	2.6	224	1.3	1.7	271	0.2	0.7	247
07 / 21 / 2023 18:00	1.2	3.6	272	5.2	4.0	269	0.2	0.6	246
07 / 21 / 2023 17:30	1.5	5.6	273	0.9	4.2	282	0.2	1.4	327
07 / 21 / 2023 17:00	1.4	5.2	286	0.6	2.4	347	0.2	1.2	53
07 / 21 / 2023 16:30	1.9	7.1	297	1.4	3.6	293	0.2	0.8	320
07 / 21 / 2023 16:00	1.9	8.4	293	0.6	5.1	286	0.2	2.0	301
07 / 21 / 2023 15:30	2.0	7.5	303	1.5	5.4	270	0.2	2.2	237
07 / 21 / 2023 15:00	2.0	6.7	284	1.6	5.2	257	0.2	2.1	278
07 / 21 / 2023 14:30	1.8	4.9	290	1.2	5.1	266	0.2	1.8	273
07 / 21 / 2023 14:00	2.1	6.7	306	0.8	4.3	303	0.2	1.8	308
07 / 21 / 2023 13:30	2.2	6.6	311	0.7	4.1	280	0.2	2.5	358
07 / 21 / 2023 13:00	2.7	5.9	292	0.6	5.0	285	0.2	2.0	303
07 / 21 / 2023 12:30	3.0	6.2	308	0.7	5.5	285	0.2	2.1	272
07 / 21 / 2023 12:00	2.4	5.9	275	1.2	6.6	279	0.2	2.0	296
07 / 21 / 2023 11:30	2.5	6.2	288	0.9	6.3	282	0.2	1.9	271
07 / 21 / 2023 11:00	3.6	6.5	283	1.2	5.6	274	0.2	1.9	285
07 / 21 / 2023 10:30	3.6	8.7	303	1.1	6.3	277	0.2	1.8	269
07 / 21 / 2023 10:00	2.1	4.9	261	1.1	6.0	267	0.2	2.1	242
07 / 21 / 2023 09:30	4.2	2.7	274	0.7	3.5	284	0.2	0.7	295
07 / 21 / 2023 09:00	1.1	3.7	247	1.1	4.1	272	0.2	1.4	253
07 / 21 / 2023 08:30	2.4	3.0	260	0.7	4.2	274	0.2	0.9	301
07 / 21 / 2023 08:00	1.6	4.6	266	2.5	3.7	271	0.2	1.3	265
07 / 21 / 2023 07:30	0.9	4.1	243	3.1	4.3	272	0.2	1.7	245
07 / 21 / 2023 07:00	0.9	3.9	230	3.1	2.0	229	0.2	1.6	238
07 / 21 / 2023 06:30	0.9	3.7	218	3.6	2.3	256	0.2	1.2	262
07 / 21 / 2023 06:00	0.9	2.4	209	3.6	2.1	224	0.2	1.0	247
07 / 21 / 2023 05:30	1.0	3.1	219	3.1	1.3	231	0.2	1.1	237
07 / 21 / 2023 05:00	1.0	3.9	211	3.4	3.3	240	0.2	1.5	191
07 / 21 / 2023 04:30	1.4	3.9	243	2.5	3.2	278	0.2	0.6	245
07 / 21 / 2023 04:00	0.9	4.8	236	3.2	2.8	260	0.2	1.0	220
07 / 21 / 2023 03:30	0.9	4.9	243	3.3	2.7	268	0.2	0.6	140
07 / 21 / 2023 03:00	1.1	4.4	231	3.5	2.9	244	0.2	1.4	248
07 / 21 / 2023 02:30	1.0	5.3	226	4.6	2.7	238	0.2	1.5	233
07 / 21 / 2023 02:00	1.0	3.3	208	3.6	3.2	238	0.2	1.9	234
07 / 21 / 2023 01:30	2.5	2.5	213	2.6	1.9	246	AX	1.2	246
07 / 21 / 2023 01:00	4.2	1.9	255	AX	0.8	331	0.7	0.5	266
07 / 21 / 2023 00:30	AX	0.8	236	1.9	0.6	319	0.4	0.4	319

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