



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

December 20, 2024

Mr. Taylor:

I am submitting this report pursuant to Paragraph 2(b) of EPA's November 16, 2022, 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 H<sub>2</sub>S readings and meteorological data for each onsite monitoring station.

Paragraph 2(b)

The rolling 7-day averages for H<sub>2</sub>S 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
12/13/2024 00:00	12/19/2024 23:59	2.5	0.4	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 H<sub>2</sub>S 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 H<sub>2</sub>S 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.

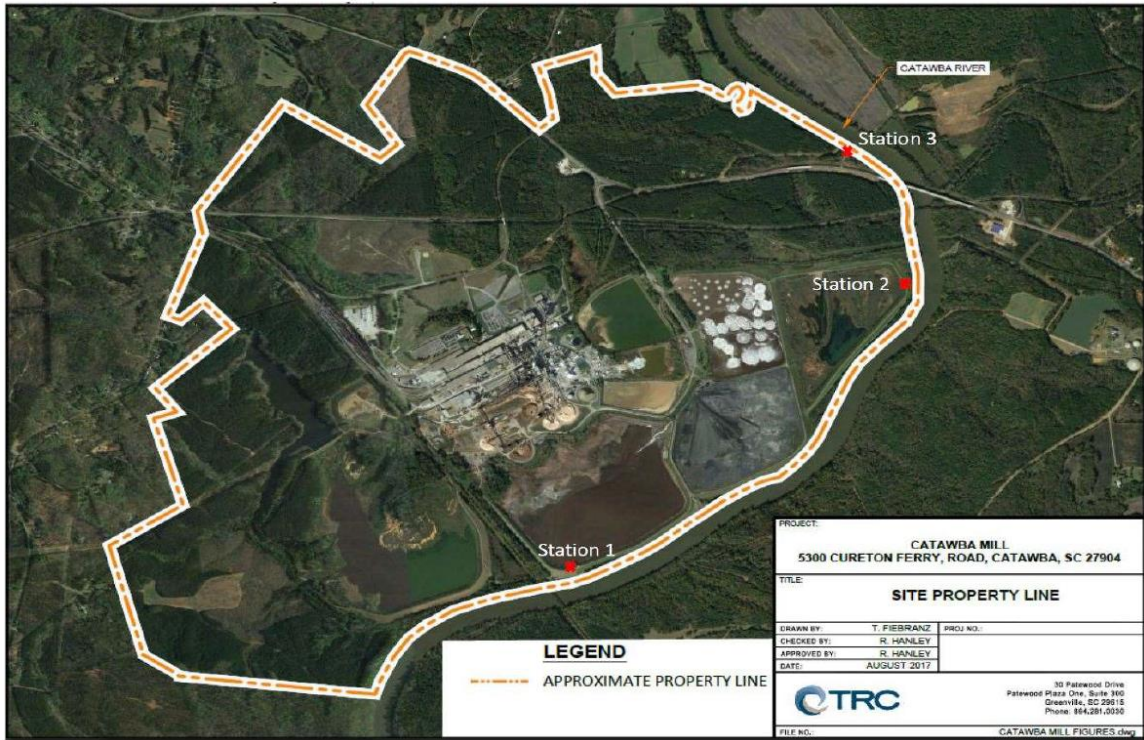
Thank you.

Glenn Rogers  
 Environmental Manager

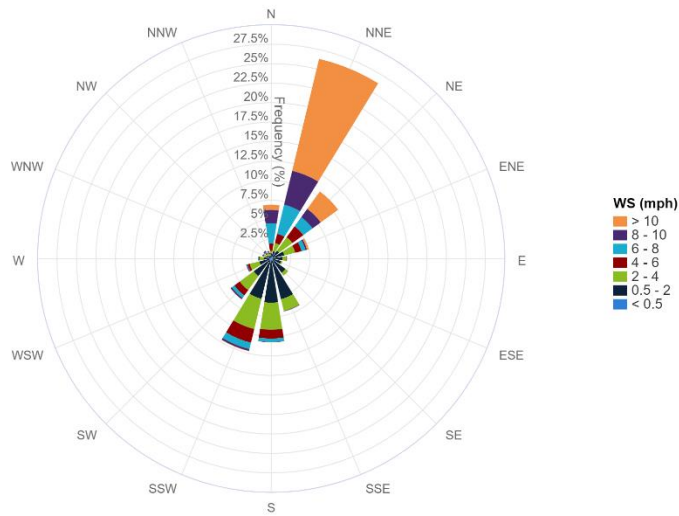
cc: Marirose J. Pratt  
 Associate Regional Counsel  
 Air & EPCRA Law Office  
 US Environmental Protection Agency, Region 4  
 Sam Nunn Atlanta Federal Center  
 61 Forsythe Street, SW  
 Atlanta, GA 30303

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 Wind Rose Plot**  
 [From 12/13/2024 00:00 to 12/19/2024 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
12/07/2024 00:00	12/13/2024 23:59	1.1	0.5	0.6	12/13/2024	1.9	0.2	0.3
12/08/2024 00:00	12/14/2024 23:59	1.5	0.4	0.5	12/14/2024	3.9	0.2	0.2
12/09/2024 00:00	12/15/2024 23:59	1.8	0.4	0.4	12/15/2024	2.7	0.2	0.2
12/10/2024 00:00	12/16/2024 23:59	1.9	0.4	0.6	12/16/2024	2.0	0.4	1.7
12/11/2024 00:00	12/17/2024 23:59	2.0	0.4	0.6	12/17/2024	1.7	0.4	0.8
12/12/2024 00:00	12/18/2024 23:59	2.1	0.4	0.7	12/18/2024	1.8	0.7	1.0
12/13/2024 00:00	12/19/2024 23:59	2.5	0.4	0.6	12/19/2024	3.3	0.3	0.2

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
12/20/2024 0:00	0.7	2.8	116	0.2	0.9	103	0.2	1.0	95
12/19/2024 23:30	0.7	2.0	74	0.2	1.2	56	0.2	1.0	46
12/19/2024 23:00	0.7	2.1	78	0.2	1.4	71	0.2	1.7	71
12/19/2024 22:30	0.7	1.9	90	0.2	0.7	74	0.2	0.8	63
12/19/2024 22:00	2.0	3.1	53	0.2	0.8	49	0.2	0.9	52
12/19/2024 21:30	2.7	3.3	58	0.2	1.0	18	0.2	0.6	335
12/19/2024 21:00	2.2	5.1	40	0.2	1.0	46	0.2	1.3	37
12/19/2024 20:30	4.1	7.2	37	0.2	1.5	53	0.2	2.3	30
12/19/2024 20:00	4.6	8.2	33	0.2	1.8	40	0.2	2.8	17
12/19/2024 19:30	3.6	7.8	31	0.2	1.6	51	0.2	2.6	32
12/19/2024 19:00	4.2	8.1	25	0.2	1.6	30	0.2	2.2	13
12/19/2024 18:30	1.6	6.3	42	0.2	1.5	47	0.2	1.8	35
12/19/2024 18:00	0.6	4.8	59	0.2	1.5	69	0.2	2.3	47
12/19/2024 17:30	0.9	4.7	61	0.2	1.9	74	0.2	1.9	53
12/19/2024 17:00	1.0	6.3	49	0.2	2.2	56	0.2	2.6	54
12/19/2024 16:30	1.0	6.3	55	0.2	2.2	67	0.2	2.8	43
12/19/2024 16:00	1.0	5.5	58	0.2	2.6	65	0.2	3.3	45
12/19/2024 15:30	1.3	7.4	45	0.2	2.8	62	0.2	4.1	53
12/19/2024 15:00	1.8	7.9	34	0.2	2.8	46	0.2	3.2	42
12/19/2024 14:30	1.0	8.2	55	0.2	3.2	52	0.2	4.4	51
12/19/2024 14:00	1.6	6.6	45	0.2	3.6	52	0.2	4.4	51
12/19/2024 13:30	1.6	9.2	44	0.2	4.3	60	0.2	4.4	44
12/19/2024 13:00	2.8	11.9	26	0.2	4.1	30	0.2	4.8	21
12/19/2024 12:30	3.4	14.1	23	0.2	3.9	38	0.2	5.0	23
12/19/2024 12:00	4.0	14.1	20	0.2	4.4	36	0.2	5.0	25
12/19/2024 11:30	4.8	15.2	21	0.2	4.5	37	0.2	5.4	31
12/19/2024 11:00	5.9	16.5	26	0.2	4.4	41	0.2	6.7	23
12/19/2024 10:30	6.6	15.7	24	0.2	4.2	42	0.2	6.2	26
12/19/2024 10:00	6.3	16.8	26	0.2	4.5	34	0.2	5.1	27
12/19/2024 9:30	5.2	15.8	35	0.2	3.7	52	0.2	5.2	34
12/19/2024 9:00	7.4	15.6	29	0.2	3.8	46	0.2	4.6	32
12/19/2024 8:30	7.9	14.9	18	0.2	4.1	34	0.2	4.9	12
12/19/2024 8:00	8.0	14.0	22	0.2	2.9	45	0.2	4.9	16
12/19/2024 7:30	8.6	12.0	17	0.2	2.6	40	0.2	4.0	10
12/19/2024 7:00	6.0	11.7	24	0.2	2.8	41	0.2	3.9	17
12/19/2024 6:30	5.1	10.3	29	0.2	2.1	43	0.2	3.3	12
12/19/2024 6:00	4.2	11.7	24	0.2	2.0	47	0.2	3.4	15
12/19/2024 5:30	5.6	10.0	15	0.2	2.8	34	0.2	3.7	13
12/19/2024 5:00	4.3	6.9	9	0.2	1.7	25	0.2	3.0	356
12/19/2024 4:30	2.5	6.5	3	0.2	2.1	2	0.2	2.6	352
12/19/2024 4:00	1.0	6.7	320	0.2	2.0	330	0.2	1.0	317
12/19/2024 3:30	0.9	3.6	322	0.2	1.6	354	0.2	0.3	256
12/19/2024 3:00	1.1	2.3	300	0.2	1.7	354	0.2	0.6	303
12/19/2024 2:30	1.5	2.5	217	0.7	0.6	227	0.2	0.6	255
12/19/2024 2:00	7.0	1.0	206	0.6	1.6	293	0.2	0.3	2
12/19/2024 1:30	1.9	0.9	239	2.0	0.6	93	AX	0.4	281
12/19/2024 1:00	2.7	1.8	216	AX	1.5	223	0.4	0.7	285
12/19/2024 0:30	AX	2.5	231	1.1	2.9	228	0.6	1.2	239

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
12/19/2024 0:00	2.2	3.0	198	1.0	2.5	206	0.6	1.6	206
12/18/2024 23:30	1.3	4.0	223	1.0	1.3	177	0.5	0.5	179
12/18/2024 23:00	1.2	4.0	209	0.2	1.0	189	1.9	1.0	184
12/18/2024 22:30	1.0	3.5	198	0.2	1.9	203	1.7	0.9	195
12/18/2024 22:00	1.4	4.0	205	0.9	3.0	211	0.6	2.0	211
12/18/2024 21:30	1.0	2.9	240	1.3	2.8	254	0.2	1.3	240
12/18/2024 21:00	1.7	2.9	231	0.9	2.8	261	0.2	0.6	254
12/18/2024 20:30	1.0	3.0	246	1.6	2.3	249	0.2	0.7	275
12/18/2024 20:00	1.0	3.2	253	3.2	1.1	31	0.9	0.4	307
12/18/2024 19:30	1.2	3.6	207	0.2	1.1	228	2.2	0.5	175
12/18/2024 19:00	0.8	2.3	200	0.2	1.3	194	2.3	0.9	167
12/18/2024 18:30	1.6	2.1	245	0.2	0.7	214	2.5	0.4	300
12/18/2024 18:00	0.9	3.8	202	0.2	2.6	201	2.9	1.4	217
12/18/2024 17:30	0.9	3.1	214	2.9	2.8	221	1.3	1.3	240
12/18/2024 17:00	1.0	4.3	217	3.6	3.2	227	1.7	1.9	236
12/18/2024 16:30	1.6	4.7	199	0.6	4.0	216	2.4	2.6	215
12/18/2024 16:00	1.3	5.5	204	2.2	4.1	222	1.4	3.2	222
12/18/2024 15:30	1.2	6.5	210	1.5	5.0	227	1.7	3.1	221
12/18/2024 15:00	1.7	6.1	203	0.4	5.3	216	1.6	3.3	215
12/18/2024 14:30	2.0	6.2	191	0.2	4.1	207	1.8	2.6	197
12/18/2024 14:00	3.2	5.1	196	0.2	4.4	219	1.5	2.9	203
12/18/2024 13:30	1.9	5.7	205	1.0	5.1	230	1.4	4.1	207
12/18/2024 13:00	1.3	5.9	209	1.4	4.5	230	2.1	2.6	214
12/18/2024 12:30	0.8	4.6	226	0.8	4.3	241	1.7	2.3	219
12/18/2024 12:00	1.8	5.4	196	0.2	4.1	216	1.3	3.0	197
12/18/2024 11:30	1.6	5.6	186	0.2	3.4	205	0.9	2.9	183
12/18/2024 11:00	1.7	4.7	186	0.6	2.4	201	2.9	1.7	173
12/18/2024 10:30	2.5	2.9	193	1.0	1.7	222	1.9	1.7	180
12/18/2024 10:00	2.6	1.0	223	0.2	0.9	172	0.2	1.5	182
12/18/2024 9:30	2.4	0.5	140	0.2	0.9	201	0.4	0.5	129
12/18/2024 9:00	1.6	0.6	103	0.4	0.5	247	1.5	0.4	94
12/18/2024 8:30	0.8	1.3	217	0.2	0.7	233	0.2	0.3	140
12/18/2024 8:00	0.8	1.4	209	0.2	1.1	236	0.2	0.3	153
12/18/2024 7:30	2.1	1.1	172	0.2	0.4	16	0.2	0.4	4
12/18/2024 7:00	1.3	0.7	233	0.2	0.2	253	0.2	0.3	88
12/18/2024 6:30	2.2	1.6	194	0.2	0.5	188	0.2	0.3	129
12/18/2024 6:00	1.9	1.2	200	0.2	0.2	56	0.2	0.3	19
12/18/2024 5:30	1.0	1.6	198	0.2	0.7	79	0.2	0.3	47
12/18/2024 5:00	1.7	1.6	194	0.2	0.7	230	0.2	0.9	179
12/18/2024 4:30	1.8	1.5	185	0.2	0.5	51	0.2	0.4	43
12/18/2024 4:00	1.8	0.7	173	0.2	0.2	32	0.2	0.3	5
12/18/2024 3:30	6.5	1.0	145	0.2	0.5	46	0.2	0.3	7
12/18/2024 3:00	3.6	1.0	154	0.2	0.3	44	0.2	0.2	356
12/18/2024 2:30	0.9	1.6	197	0.2	0.3	58	0.2	0.2	194
12/18/2024 2:00	1.1	1.9	210	0.2	0.2	272	0.4	0.2	53
12/18/2024 1:30	2.1	1.5	197	0.2	0.4	218	AX	0.4	244
12/18/2024 1:00	6.9	1.0	186	AX	0.2	68	0.2	0.2	263
12/18/2024 0:30	AX	1.5	177	0.2	0.2	84	0.5	0.2	182

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
12/18/2024 0:00	2.9	1.4	182	0.2	0.3	152	0.2	0.2	207
12/17/2024 23:30	3.4	1.8	186	0.2	0.2	44	0.2	0.2	143
12/17/2024 23:00	1.5	1.9	221	0.2	0.2	176	0.2	0.2	291
12/17/2024 22:30	2.3	0.9	213	0.2	0.2	97	0.2	0.3	208
12/17/2024 22:00	0.7	1.7	196	0.2	0.3	292	0.2	0.4	180
12/17/2024 21:30	0.5	2.3	206	0.2	0.5	236	0.4	0.3	238
12/17/2024 21:00	1.8	1.2	156	0.2	0.4	183	0.8	0.4	161
12/17/2024 20:30	0.4	1.1	179	0.2	0.3	13	0.4	0.4	10
12/17/2024 20:00	1.3	0.7	120	0.2	0.4	44	0.6	0.3	332
12/17/2024 19:30	0.2	1.6	176	0.2	0.3	325	0.7	0.4	128
12/17/2024 19:00	0.9	2.3	215	0.2	0.6	153	1.4	0.4	349
12/17/2024 18:30	0.4	1.3	164	0.2	0.4	89	1.6	0.3	173
12/17/2024 18:00	0.5	2.1	201	0.2	0.5	17	3.3	0.2	7
12/17/2024 17:30	1.8	2.2	185	0.5	1.4	157	4.3	0.5	147
12/17/2024 17:00	4.0	3.1	177	0.4	2.1	216	3.7	0.8	224
12/17/2024 16:30	1.8	5.4	196	1.6	4.0	227	1.1	2.4	224
12/17/2024 16:00	1.1	5.5	212	1.1	4.9	238	0.5	2.0	226
12/17/2024 15:30	1.0	6.3	217	0.7	5.5	230	1.0	2.0	235
12/17/2024 15:00	1.0	6.4	204	0.5	5.4	232	1.4	3.2	221
12/17/2024 14:30	0.6	6.3	199	0.2	4.5	230	0.4	2.9	217
12/17/2024 14:00	0.8	4.1	247	0.2	5.0	259	0.2	1.6	255
12/17/2024 13:30	1.1	6.7	303	0.2	5.4	288	0.2	2.1	330
12/17/2024 13:00	1.7	8.7	321	0.2	6.1	312	0.2	1.8	334
12/17/2024 12:30	1.1	5.3	267	0.5	4.3	288	0.2	1.5	317
12/17/2024 12:00	1.0	7.3	229	0.7	5.4	242	0.8	1.8	246
12/17/2024 11:30	2.0	6.7	213	0.5	5.6	229	1.2	2.5	201
12/17/2024 11:00	3.4	5.5	187	0.2	4.0	214	1.0	2.5	171
12/17/2024 10:30	4.0	3.7	179	0.2	2.9	203	1.3	1.8	172
12/17/2024 10:00	2.3	3.6	183	0.2	2.1	198	0.6	1.4	163
12/17/2024 9:30	1.7	3.5	192	0.2	1.4	225	1.7	0.8	166
12/17/2024 9:00	1.1	1.6	211	0.2	0.7	182	0.7	0.9	204
12/17/2024 8:30	3.1	1.4	204	0.2	0.7	138	0.2	0.4	109
12/17/2024 8:00	3.3	1.6	166	0.2	0.9	132	0.2	0.4	112
12/17/2024 7:30	2.5	1.6	206	0.2	0.4	26	0.2	0.3	75
12/17/2024 7:00	2.8	2.1	173	0.4	0.4	158	1.0	0.2	190
12/17/2024 6:30	1.7	2.1	183	1.7	1.0	203	0.7	0.3	210
12/17/2024 6:00	2.5	1.6	227	1.2	0.6	288	0.5	0.3	327
12/17/2024 5:30	3.2	2.7	187	0.8	0.7	103	0.6	0.2	82
12/17/2024 5:00	0.8	1.9	223	1.3	0.6	351	0.5	0.6	317
12/17/2024 4:30	0.8	2.4	193	0.6	0.5	26	0.2	0.4	198
12/17/2024 4:00	0.9	2.4	187	0.2	0.6	67	0.2	0.6	110
12/17/2024 3:30	2.1	2.3	194	0.2	0.8	51	0.4	0.7	47
12/17/2024 3:00	0.8	0.9	221	0.2	0.5	268	0.2	0.4	222
12/17/2024 2:30	0.8	1.6	223	0.4	1.2	242	0.4	1.5	191
12/17/2024 2:00	1.4	1.6	168	0.5	0.5	47	0.7	0.4	139
12/17/2024 1:30	3.2	1.9	185	0.7	0.7	54	AX	0.4	52
12/17/2024 1:00	1.5	2.1	222	AX	0.7	72	0.2	0.3	49
12/17/2024 0:30	AX	2.1	218	0.2	0.3	222	0.2	0.3	131

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
12/17/2024 0:00	0.8	2.4	195	0.2	0.3	135	0.2	0.3	0
12/16/2024 23:30	0.9	1.4	219	0.2	0.4	19	0.4	0.4	0
12/16/2024 23:00	0.6	1.7	207	0.2	0.3	229	0.2	0.3	0
12/16/2024 22:30	0.6	1.7	179	0.2	0.2	76	0.2	0.2	0
12/16/2024 22:00	1.2	2.0	178	0.2	0.3	57	0.2	0.3	0
12/16/2024 21:30	3.4	1.0	143	0.2	1.1	36	1.1	1.1	1
12/16/2024 21:00	5.2	1.5	178	0.2	0.8	40	0.8	0.8	1
12/16/2024 20:30	2.5	2.0	232	0.2	0.9	33	0.9	0.9	1
12/16/2024 20:00	1.2	2.1	216	0.2	0.6	103	0.6	0.6	1
12/16/2024 19:30	2.3	2.0	191	0.2	1.3	84	1.3	1.3	1
12/16/2024 19:00	1.9	2.1	166	0.5	0.4	92	0.4	0.4	0
12/16/2024 18:30	0.2	1.3	198	0.5	0.9	40	0.9	0.9	1
12/16/2024 18:00	0.2	2.3	189	0.8	0.5	346	0.5	0.5	1
12/16/2024 17:30	2.4	2.3	196	1.8	1.5	199	1.5	1.5	2
12/16/2024 17:00	1.0	2.6	226	1.5	2.3	235	2.3	2.3	2
12/16/2024 16:30	0.6	3.3	265	0.9	2.3	273	2.3	2.3	2
12/16/2024 16:00	1.1	1.5	241	1.0	1.9	259	1.9	1.9	2
12/16/2024 15:30	1.0	1.6	224	0.7	1.5	236	1.5	1.5	2
12/16/2024 15:00	1.5	1.6	181	0.7	2.1	227	2.1	2.1	2
12/16/2024 14:30	1.0	1.4	168	0.5	2.2	218	2.2	2.2	2
12/16/2024 14:00	1.1	1.3	134	1.2	1.8	225	1.8	1.8	2
12/16/2024 13:30	1.0	1.2	147	1.4	1.9	255	1.9	1.9	2
12/16/2024 13:00	1.2	2.1	274	0.8	2.3	252	2.3	2.3	2
12/16/2024 12:30	2.3	1.4	293	0.2	1.8	216	1.8	1.8	2
12/16/2024 12:00	2.3	1.1	358	0.2	1.5	117	1.5	1.5	2
12/16/2024 11:30	2.0	1.3	53	0.2	1.4	107	1.4	1.4	1
12/16/2024 11:00	1.6	2.0	27	0.2	1.8	360	1.8	1.8	2
12/16/2024 10:30	1.6	2.4	7	0.2	2.0	5	2.0	2.0	2
12/16/2024 10:00	1.6	2.4	10	0.2	1.6	3	1.6	1.6	2
12/16/2024 9:30	1.2	3.4	32	0.2	1.9	24	1.9	1.9	2
12/16/2024 9:00	0.6	2.6	57	0.2	1.1	9	1.1	1.1	1
12/16/2024 8:30	1.4	3.7	63	0.2	1.1	76	1.1	1.1	1
12/16/2024 8:00	3.2	3.6	25	0.2	1.6	25	1.6	1.6	2
12/16/2024 7:30	3.7	5.1	13	0.2	2.0	28	2.0	2.0	2
12/16/2024 7:00	3.3	6.4	15	0.2	2.5	17	2.5	2.5	3
12/16/2024 6:30	2.5	5.6	12	0.2	2.4	19	2.4	2.4	2
12/16/2024 6:00	2.9	6.9	8	0.2	2.9	3	2.9	2.9	3
12/16/2024 5:30	2.9	7.3	9	0.2	2.7	7	2.7	2.7	3
12/16/2024 5:00	2.9	6.8	8	0.2	3.0	11	3.0	3.0	3
12/16/2024 4:30	2.5	8.1	9	0.2	3.1	6	3.1	3.1	3
12/16/2024 4:00	2.3	6.9	8	0.2	2.8	6	2.8	2.8	3
12/16/2024 3:30	2.5	6.6	4	0.2	2.5	357	2.5	2.5	3
12/16/2024 3:00	3.1	7.1	19	0.2	2.0	36	2.0	2.0	2
12/16/2024 2:30	3.0	6.6	9	0.2	2.5	9	2.5	2.5	3
12/16/2024 2:00	3.2	7.4	12	0.2	2.4	20	2.4	2.4	2
12/16/2024 1:30	3.0	8.5	9	0.4	2.9	7	AX	2.9	3
12/16/2024 1:00	3.4	6.7	6	AX	2.8	5	2.8	2.8	3
12/16/2024 0:30	AX	6.3	10	0.2	2.3	5	2.3	2.3	2

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
12/16/2024 0:00	2.7	7.7	10	0.2	3.4	5	0.2	3.9	357
12/15/2024 23:30	2.6	9.5	7	0.2	3.5	349	0.2	3.6	352
12/15/2024 23:00	2.6	9.0	4	0.2	2.7	7	0.2	3.6	354
12/15/2024 22:30	2.7	8.7	6	0.2	2.6	358	0.2	3.4	352
12/15/2024 22:00	2.8	7.5	10	0.2	2.2	1	0.2	2.7	357
12/15/2024 21:30	3.6	7.8	10	0.2	2.2	4	0.2	3.0	355
12/15/2024 21:00	2.6	7.0	3	0.2	2.8	342	0.2	2.4	344
12/15/2024 20:30	3.0	6.2	0	0.2	2.3	339	0.2	2.1	333
12/15/2024 20:00	4.1	9.3	13	0.2	2.7	22	0.2	3.2	6
12/15/2024 19:30	2.5	7.9	28	0.2	1.9	46	0.2	2.6	10
12/15/2024 19:00	1.8	7.0	34	0.2	1.8	44	0.2	2.4	14
12/15/2024 18:30	3.0	7.8	24	0.2	2.0	43	0.2	2.5	17
12/15/2024 18:00	2.1	8.1	29	0.2	1.9	46	0.2	1.9	28
12/15/2024 17:30	1.8	7.2	29	0.2	1.9	34	0.2	1.8	24
12/15/2024 17:00	1.4	8.3	40	0.2	2.2	55	0.2	2.9	36
12/15/2024 16:30	2.3	7.8	24	0.2	1.8	37	0.2	2.4	19
12/15/2024 16:00	2.0	8.0	7	0.2	3.4	6	0.2	3.0	6
12/15/2024 15:30	1.7	7.2	8	0.2	2.5	1	0.2	2.3	349
12/15/2024 15:00	1.5	6.7	25	0.2	2.3	34	0.2	2.2	18
12/15/2024 14:30	1.5	8.7	33	0.2	2.5	44	0.2	2.8	26
12/15/2024 14:00	2.2	9.8	13	0.2	3.2	39	0.2	3.6	15
12/15/2024 13:30	2.0	9.6	27	0.2	3.7	22	0.2	3.4	29
12/15/2024 13:00	2.0	9.1	26	0.2	2.5	41	0.2	3.4	24
12/15/2024 12:30	2.2	8.8	17	0.2	2.7	44	0.2	3.2	18
12/15/2024 12:00	2.7	9.2	22	0.2	3.8	21	0.2	4.0	6
12/15/2024 11:30	1.8	9.7	19	0.2	3.7	34	0.2	4.3	24
12/15/2024 11:00	1.7	8.3	13	0.2	3.2	10	0.2	3.4	5
12/15/2024 10:30	1.9	8.0	25	0.2	2.6	18	0.2	3.1	18
12/15/2024 10:00	2.2	9.7	27	0.2	2.3	46	0.2	3.2	27
12/15/2024 9:30	2.4	9.8	27	0.2	2.1	42	0.2	2.4	26
12/15/2024 9:00	2.2	8.9	31	0.2	2.2	49	0.2	2.5	30
12/15/2024 8:30	2.6	10.5	25	0.2	2.5	40	0.2	3.5	20
12/15/2024 8:00	2.6	10.2	22	0.2	2.4	32	0.2	3.1	18
12/15/2024 7:30	2.8	12.6	25	0.2	3.1	37	0.2	3.7	19
12/15/2024 7:00	2.6	12.0	26	0.2	2.5	41	0.2	3.6	13
12/15/2024 6:30	2.8	14.0	35	0.2	2.7	52	0.2	4.2	24
12/15/2024 6:00	3.0	11.6	20	0.2	3.4	32	0.2	3.6	17
12/15/2024 5:30	3.6	12.3	22	0.2	3.3	39	0.2	3.7	20
12/15/2024 5:00	3.2	10.6	22	0.2	3.3	32	0.2	3.4	16
12/15/2024 4:30	3.2	12.0	27	0.2	2.8	41	0.2	3.1	20
12/15/2024 4:00	3.2	11.1	25	0.2	2.7	32	0.2	3.3	19
12/15/2024 3:30	3.9	11.9	17	0.2	3.7	18	0.2	4.2	11
12/15/2024 3:00	3.3	12.1	29	0.2	3.0	43	0.2	3.9	22
12/15/2024 2:30	4.1	11.4	25	0.4	2.6	37	1.6	3.8	19
12/15/2024 2:00	4.3	12.0	25	1.9	3.0	36	BF	3.5	18
12/15/2024 1:30	5.6	11.9	25	BF	2.7	32	BF	3.5	20
12/15/2024 1:00	BF	11.5	31	BF	2.7	50	0.2	4.3	28
12/15/2024 0:30	BF	11.0	25	0.2	2.7	40	0.2	3.3	20

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
12/15/2024 0:00	4.6	11.9	31	0.2	2.9	53	0.2	4.5	32
12/14/2024 23:30	5.1	14.2	26	0.2	3.1	45	0.2	4.6	27
12/14/2024 23:00	5.8	13.2	24	0.2	3.2	41	0.2	4.5	28
12/14/2024 22:30	5.0	11.3	33	0.2	2.8	40	0.2	4.4	19
12/14/2024 22:00	2.6	11.6	35	0.2	2.5	50	0.2	3.6	31
12/14/2024 21:30	2.6	11.9	39	0.2	2.4	57	0.2	4.1	33
12/14/2024 21:00	4.4	11.4	32	0.2	2.7	52	0.2	4.2	28
12/14/2024 20:30	5.1	12.2	30	0.2	2.5	49	0.2	3.8	27
12/14/2024 20:00	5.1	11.7	32	0.2	2.4	49	0.2	3.5	27
12/14/2024 19:30	5.1	11.7	34	0.2	2.7	57	0.2	3.9	31
12/14/2024 19:00	6.7	12.0	27	0.2	2.5	48	0.2	3.4	25
12/14/2024 18:30	6.3	12.8	26	0.2	2.7	47	0.2	3.6	22
12/14/2024 18:00	5.2	11.7	30	0.2	2.6	52	0.2	3.8	32
12/14/2024 17:30	3.5	11.0	36	0.2	2.5	54	0.2	3.8	34
12/14/2024 17:00	0.6	8.9	54	0.2	3.5	60	0.2	3.3	43
12/14/2024 16:30	0.2	8.5	61	0.2	3.1	68	0.2	4.8	59
12/14/2024 16:00	1.6	12.5	42	0.2	3.5	68	0.2	5.1	51
12/14/2024 15:30	0.8	10.4	53	0.2	3.5	65	0.2	5.0	33
12/14/2024 15:00	2.1	12.9	34	0.2	4.0	61	0.2	5.1	34
12/14/2024 14:30	1.6	12.5	32	0.2	4.2	37	0.2	5.1	29
12/14/2024 14:00	2.7	13.2	22	0.2	4.2	44	0.2	4.9	23
12/14/2024 13:30	2.3	12.1	23	0.2	5.4	19	0.2	4.9	17
12/14/2024 13:00	2.4	10.8	22	0.2	4.7	19	0.2	4.5	23
12/14/2024 12:30	2.5	10.7	20	0.2	3.9	34	0.2	4.6	12
12/14/2024 12:00	2.9	12.0	31	0.2	3.8	41	0.2	5.2	18
12/14/2024 11:30	4.0	13.6	33	0.2	3.8	61	0.2	4.5	24
12/14/2024 11:00	4.4	13.1	27	0.2	4.3	36	0.2	5.2	22
12/14/2024 10:30	5.5	13.3	28	0.2	4.1	35	0.2	5.2	27
12/14/2024 10:00	6.1	14.5	28	0.2	3.8	33	0.2	5.3	24
12/14/2024 9:30	5.9	13.8	29	0.2	3.2	42	0.2	5.0	27
12/14/2024 9:00	4.9	11.6	27	0.2	2.6	43	0.2	4.5	28
12/14/2024 8:30	7.8	8.4	30	0.2	2.1	52	0.2	3.5	13
12/14/2024 8:00	7.6	5.8	36	0.2	1.4	53	0.2	2.2	359
12/14/2024 7:30	2.5	4.8	41	0.2	0.6	57	0.2	0.9	11
12/14/2024 7:00	2.0	2.3	58	0.2	1.0	41	0.2	0.7	3
12/14/2024 6:30	2.0	2.5	69	0.2	0.5	344	0.2	0.3	308
12/14/2024 6:00	2.8	4.8	46	0.2	0.9	36	0.2	0.4	1
12/14/2024 5:30	5.7	2.2	57	0.2	0.9	44	0.2	0.7	8
12/14/2024 5:00	6.2	1.9	47	0.2	0.6	27	0.2	0.4	357
12/14/2024 4:30	2.5	3.4	43	0.2	0.9	6	0.2	0.4	356
12/14/2024 4:00	2.1	3.6	55	0.2	1.1	38	0.2	0.4	1
12/14/2024 3:30	5.2	2.8	46	0.2	1.0	37	0.2	0.5	357
12/14/2024 3:00	5.4	1.9	56	0.2	0.6	33	0.2	0.5	28
12/14/2024 2:30	5.2	2.4	48	0.2	0.9	30	0.2	0.6	15
12/14/2024 2:00	2.9	3.3	50	0.2	0.8	35	0.2	0.7	357
12/14/2024 1:30	3.4	1.8	65	0.2	0.7	43	AX	0.3	344
12/14/2024 1:00	3.2	1.4	61	AX	0.8	37	0.2	0.6	349
12/14/2024 0:30	AX	1.2	70	0.2	0.8	52	0.2	0.4	348



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
12/14/2024 0:00	4.2	1.4	44	0.2	1.3	22	0.2	0.7	345
12/13/2024 23:30	3.4	1.1	105	0.2	1.0	53	0.2	0.6	19
12/13/2024 23:00	1.7	0.9	177	0.2	0.7	34	0.2	0.4	303
12/13/2024 22:30	1.9	1.1	134	0.2	0.6	63	0.2	0.3	9
12/13/2024 22:00	1.3	0.8	144	0.2	0.8	20	0.2	0.2	317
12/13/2024 21:30	1.8	1.0	121	0.2	0.8	6	0.2	0.3	293
12/13/2024 21:00	1.5	1.3	123	0.2	0.7	52	0.2	0.4	22
12/13/2024 20:30	1.0	1.4	193	0.2	0.7	10	0.2	0.5	9
12/13/2024 20:00	0.9	1.1	159	0.2	1.0	45	0.2	0.5	328
12/13/2024 19:30	1.7	1.3	174	0.2	0.6	43	0.2	0.2	355
12/13/2024 19:00	1.3	2.0	213	0.2	0.5	270	0.2	0.5	342
12/13/2024 18:30	4.1	1.5	159	0.2	0.4	38	0.2	0.4	44
12/13/2024 18:00	5.2	1.3	105	0.2	1.1	28	0.2	0.3	1
12/13/2024 17:30	1.8	1.7	199	0.2	0.5	353	0.6	0.4	251
12/13/2024 17:00	0.2	2.1	200	0.2	0.2	348	0.2	0.3	210
12/13/2024 16:30	0.2	1.6	201	0.2	0.3	349	0.2	0.5	213
12/13/2024 16:00	0.2	1.5	189	0.2	0.7	202	0.2	1.2	225
12/13/2024 15:30	0.2	1.2	67	0.2	0.9	97	0.2	1.1	215
12/13/2024 15:00	1.1	1.3	98	0.2	1.2	16	0.2	1.2	122
12/13/2024 14:30	1.1	2.2	45	0.2	1.2	181	0.2	1.6	205
12/13/2024 14:00	1.2	2.2	27	0.2	1.5	150	0.2	1.3	173
12/13/2024 13:30	1.5	2.1	25	0.2	1.5	55	0.2	1.0	333
12/13/2024 13:00	0.9	2.3	41	0.2	1.8	119	0.2	1.5	348
12/13/2024 12:30	1.2	2.0	121	0.2	2.0	58	0.2	2.1	25
12/13/2024 12:00	1.7	1.4	157	0.2	1.4	85	0.2	1.4	41
12/13/2024 11:30	3.2	1.3	140	0.2	1.6	73	0.2	0.9	16
12/13/2024 11:00	6.8	1.6	105	0.2	1.3	1	0.2	1.1	350
12/13/2024 10:30	6.9	1.7	54	0.2	1.0	35	0.2	1.2	345
12/13/2024 10:00	2.1	0.9	40	0.2	0.6	332	0.4	0.6	50
12/13/2024 9:30	5.8	0.5	270	0.2	0.3	311	0.7	0.4	149
12/13/2024 9:00	5.7	0.6	58	0.4	0.2	3	0.6	0.7	22
12/13/2024 8:30	2.0	0.7	116	0.2	0.7	27	0.2	0.9	19
12/13/2024 8:00	1.8	0.6	201	0.2	0.7	21	0.2	0.2	357
12/13/2024 7:30	1.8	0.9	164	0.2	0.6	24	0.2	0.3	319
12/13/2024 7:00	1.8	1.1	145	0.2	0.3	42	0.2	0.3	25
12/13/2024 6:30	1.3	0.7	142	0.2	0.5	26	0.2	0.4	16
12/13/2024 6:00	0.9	1.2	153	0.2	0.7	37	0.4	0.5	9
12/13/2024 5:30	1.2	1.4	180	0.2	0.6	31	0.4	0.3	306
12/13/2024 5:00	0.9	1.0	165	0.2	0.4	37	0.2	0.4	5
12/13/2024 4:30	1.1	1.1	156	0.2	0.7	10	0.2	0.2	10
12/13/2024 4:00	0.9	1.2	161	0.2	0.7	5	0.2	0.2	64
12/13/2024 3:30	0.9	1.4	165	0.2	0.4	20	0.2	0.2	70
12/13/2024 3:00	1.1	1.3	160	0.2	0.5	32	0.4	0.2	38
12/13/2024 2:30	0.8	1.2	161	0.2	0.3	351	0.7	0.2	26
12/13/2024 2:00	0.6	1.6	190	0.2	0.6	272	0.6	0.2	184
12/13/2024 1:30	1.0	1.4	173	0.4	0.2	335	AX	0.2	129
12/13/2024 1:00	1.5	1.6	181	AX	0.3	5	0.4	0.2	94
12/13/2024 0:30	AX	1.3	171	0.2	0.3	347	0.5	0.2	82

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)
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
BL	Q C AUDIT (AUDT)
EC	EXCEED CRITICAL CRITERIA