



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

October 25, 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 H₂S readings and meteorological data for each onsite monitoring station.

Paragraph 2(b)

The rolling 7-day averages for H₂S readings for this period are summarized as follows:

7-day Period		Onsite 7-day Avgs, ppb H ₂ S		
Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3
10/18/2024 00:00	10/24/2024 23:59	9.8	0.2	0.2

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.

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

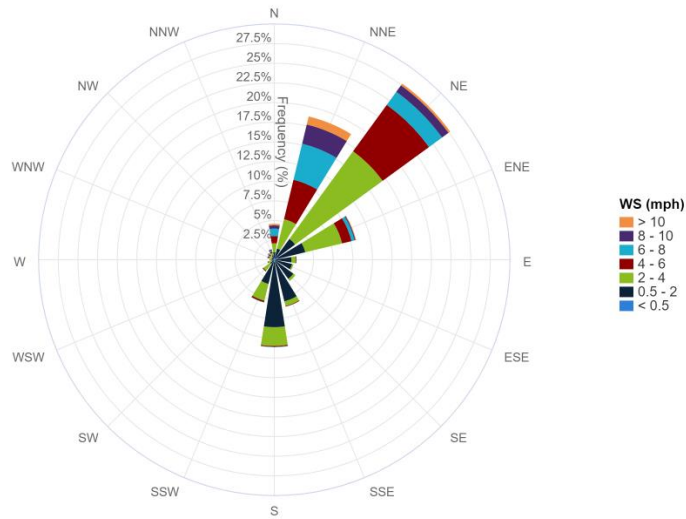
Attachments:

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 10/18/2024 00:00 to 10/24/2024 23:59]



7-Day Period		Onsite 7-day Avgs, ppb H ₂ S			24hr Period	Onsite 24hr Avgs, ppb H ₂ S		
Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3	Calendar Day 00:00 – 24:00	Station 1	Station 2	Station 3
10/12/2024 00:00	10/18/2024 23:59	2.6	0.5	0.7	10/18/2024	7.8	0.2	0.2
10/13/2024 00:00	10/19/2024 23:59	3.7	0.4	0.6	10/19/2024	8.0	0.2	0.2
10/14/2024 00:00	10/20/2024 23:59	4.7	0.4	0.3	10/20/2024	7.7	0.3	0.2
10/15/2024 00:00	10/21/2024 23:59	5.6	0.2	0.2	10/21/2024	8.5	0.2	0.2
10/16/2024 00:00	10/22/2024 23:59	6.5	0.2	0.2	10/22/2024	8.7	0.2	0.2
10/17/2024 00:00	10/23/2024 23:59	7.5	0.2	0.2	10/23/2024	8.8	0.4	0.2
10/18/2024 00:00	10/24/2024 23:59	9.8	0.2	0.2	10/24/2024	18.9	0.2	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
10/25/2024 0:00	5.3	2.1	204	0.2	0.7	12	0.2	0.7	18
10/24/2024 23:30	29.6	1.2	165	0.2	0.6	59	0.2	0.7	11
10/24/2024 23:00	22.1	1.3	175	0.2	0.6	14	0.2	0.4	342
10/24/2024 22:30	19.8	1.0	122	0.2	0.3	59	0.2	0.4	22
10/24/2024 22:00	10.7	1.3	159	0.2	0.4	50	0.2	0.4	16
10/24/2024 21:30	2.5	1.8	71	0.2	0.7	25	0.2	0.5	20
10/24/2024 21:00	24.5	1.2	139	0.2	0.4	48	0.2	0.6	2
10/24/2024 20:30	40.0	2.7	202	0.2	1.3	2	0.2	1.0	290
10/24/2024 20:00	49.1	2.1	200	0.2	0.4	294	0.2	0.4	287
10/24/2024 19:30	39.2	1.8	182	0.2	0.3	30	0.2	0.3	343
10/24/2024 19:00	39.6	1.8	183	0.2	0.3	45	0.2	0.3	281
10/24/2024 18:30	49.0	1.5	175	0.2	0.5	66	0.2	0.4	340
10/24/2024 18:00	60.7	1.0	143	0.2	0.7	60	0.2	0.3	326
10/24/2024 17:30	54.1	1.6	120	0.2	0.3	67	0.2	0.3	290
10/24/2024 17:00	16.4	4.4	41	0.2	0.5	28	0.2	0.3	213
10/24/2024 16:30	2.8	5.3	24	0.2	2.0	347	0.2	0.9	338
10/24/2024 16:00	0.6	6.6	8	0.2	2.9	355	0.2	1.7	337
10/24/2024 15:30	1.2	7.4	18	0.2	3.3	313	0.2	1.5	339
10/24/2024 15:00	1.0	7.6	14	0.2	3.3	354	0.2	2.1	353
10/24/2024 14:30	0.4	6.8	24	0.2	2.9	15	0.2	3.0	10
10/24/2024 14:00	0.2	6.2	344	0.2	3.6	354	0.2	3.3	355
10/24/2024 13:30	0.2	7.6	342	0.2	4.3	343	0.2	2.5	355
10/24/2024 13:00	0.2	6.9	347	0.2	4.5	334	0.2	2.5	348
10/24/2024 12:30	0.8	8.8	11	0.2	4.4	322	0.2	1.8	331
10/24/2024 12:00	0.8	8.2	6	0.2	3.8	348	0.2	2.9	356
10/24/2024 11:30	1.2	9.6	17	0.2	4.2	358	0.2	3.1	7
10/24/2024 11:00	1.7	9.1	16	0.2	4.1	17	0.2	3.3	3
10/24/2024 10:30	2.2	7.2	16	0.2	3.4	4	0.2	3.2	5
10/24/2024 10:00	4.1	9.9	11	0.2	3.2	1	0.2	3.6	355
10/24/2024 9:30	8.2	9.1	19	0.2	2.4	9	0.2	4.0	356
10/24/2024 9:00	9.8	6.3	33	0.2	1.3	2	0.2	2.3	342
10/24/2024 8:30	24.9	1.4	120	0.2	0.8	71	0.2	0.6	328
10/24/2024 8:00	9.1	4.5	68	0.2	0.8	97	0.2	0.4	63
10/24/2024 7:30	13.6	7.1	40	0.2	0.7	73	0.2	0.6	39
10/24/2024 7:00	8.7	5.2	59	0.2	0.8	62	0.2	0.4	12
10/24/2024 6:30	11.6	1.8	146	0.2	0.9	48	0.2	0.4	18
10/24/2024 6:00	30.5	1.6	146	0.2	0.8	56	0.2	0.4	33
10/24/2024 5:30	8.8	1.9	179	0.2	0.8	27	0.2	0.4	26
10/24/2024 5:00	4.9	2.9	71	0.2	0.7	12	0.2	0.4	57
10/24/2024 4:30	10.5	1.9	84	0.2	0.7	33	0.2	0.7	66
10/24/2024 4:00	24.2	1.6	183	0.2	0.3	27	0.2	0.3	32
10/24/2024 3:30	37.0	1.2	133	0.2	0.3	33	0.2	0.4	59
10/24/2024 3:00	29.9	1.0	139	0.2	0.4	24	0.2	0.4	58
10/24/2024 2:30	19.8	1.3	116	0.2	0.2	31	0.2	0.4	65
10/24/2024 2:00	27.1	1.3	129	0.2	0.5	34	0.2	0.5	24
10/24/2024 1:30	83.1	1.7	146	0.2	0.3	42	AX	0.7	75
10/24/2024 1:00	46.5	1.6	149	AX	0.3	39	0.2	0.5	74
10/24/2024 0:30	AX	2.1	169	0.2	0.5	38	0.2	0.3	34

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
10/24/2024 0:00	30.1	2.7	178	0.2	0.3	47	0.2	0.3	114
10/23/2024 23:30	19.3	1.9	175	0.2	0.2	43	0.2	0.2	154
10/23/2024 23:00	7.3	1.1	178	0.2	0.3	56	0.2	0.3	106
10/23/2024 22:30	12.6	1.1	196	0.2	0.6	41	0.2	0.3	113
10/23/2024 22:00	9.5	1.1	180	0.2	0.2	21	0.2	0.2	61
10/23/2024 21:30	17.3	1.6	181	0.2	0.3	5	0.2	0.2	308
10/23/2024 21:00	1.7	1.7	190	0.4	0.2	330	0.2	0.2	288
10/23/2024 20:30	6.7	1.3	190	0.7	0.2	31	0.2	0.3	104
10/23/2024 20:00	4.2	1.4	162	0.7	0.2	71	0.2	0.3	338
10/23/2024 19:30	2.7	1.4	196	0.8	0.2	36	0.5	0.2	156
10/23/2024 19:00	6.6	1.9	195	0.8	0.3	30	0.4	0.2	234
10/23/2024 18:30	7.9	2.2	191	0.6	0.3	67	1.1	0.2	318
10/23/2024 18:00	1.8	2.8	216	0.8	0.3	51	0.6	0.3	301
10/23/2024 17:30	10.3	2.6	183	0.5	0.4	61	0.2	0.4	233
10/23/2024 17:00	8.2	2.8	189	0.2	1.4	199	0.2	0.5	213
10/23/2024 16:30	5.6	2.6	221	0.8	2.6	248	0.2	0.9	234
10/23/2024 16:00	0.2	3.1	265	0.7	3.3	284	0.2	0.6	303
10/23/2024 15:30	1.4	3.1	238	0.7	3.6	284	0.2	0.9	305
10/23/2024 15:00	0.2	2.9	295	0.7	3.5	247	0.2	1.4	311
10/23/2024 14:30	1.2	4.0	233	0.7	2.6	243	0.2	1.8	285
10/23/2024 14:00	0.4	3.8	266	0.5	2.8	247	0.2	1.8	189
10/23/2024 13:30	0.2	3.1	298	0.4	2.9	246	0.2	1.5	252
10/23/2024 13:00	0.2	3.6	309	0.2	2.5	211	0.2	1.5	324
10/23/2024 12:30	1.2	4.4	226	0.4	3.6	259	0.2	1.7	252
10/23/2024 12:00	1.6	3.9	214	0.4	3.1	239	0.2	1.4	285
10/23/2024 11:30	2.3	3.2	189	0.2	3.2	206	0.5	1.7	245
10/23/2024 11:00	2.9	2.8	180	0.7	2.0	195	0.2	1.2	217
10/23/2024 10:30	3.8	1.6	119	0.2	1.5	97	0.2	1.2	7
10/23/2024 10:00	10.5	0.9	72	0.2	1.6	344	0.2	1.0	351
10/23/2024 9:30	19.1	0.7	38	0.2	1.3	8	0.2	0.7	332
10/23/2024 9:00	28.6	0.7	20	0.2	0.7	8	0.2	0.5	342
10/23/2024 8:30	21.8	0.7	331	0.2	0.8	350	0.2	0.6	11
10/23/2024 8:00	9.7	0.7	177	0.2	0.7	3	0.2	0.6	56
10/23/2024 7:30	16.2	1.0	122	0.2	0.7	17	0.2	0.5	18
10/23/2024 7:00	19.1	1.0	126	0.2	0.6	3	0.2	0.2	22
10/23/2024 6:30	8.4	1.2	107	0.2	0.5	320	0.2	0.2	32
10/23/2024 6:00	16.7	2.5	48	0.2	0.7	7	0.2	0.3	27
10/23/2024 5:30	4.7	3.1	43	0.2	0.7	354	0.2	0.2	35
10/23/2024 5:00	8.1	2.9	53	0.2	0.7	6	0.2	0.6	57
10/23/2024 4:30	7.7	3.6	49	0.2	0.5	38	0.2	0.6	36
10/23/2024 4:00	9.9	2.8	47	0.2	1.0	11	0.2	0.3	15
10/23/2024 3:30	9.4	2.3	57	0.2	0.7	10	0.2	0.3	28
10/23/2024 3:00	12.0	2.4	49	0.2	1.1	6	0.2	0.3	18
10/23/2024 2:30	13.8	1.8	61	0.2	0.5	21	0.2	0.4	29
10/23/2024 2:00	20.4	1.0	107	0.2	0.2	35	0.2	0.3	354
10/23/2024 1:30	4.9	1.1	198	0.2	0.5	21	AX	0.4	331
10/23/2024 1:00	4.9	0.8	167	AX	0.5	351	0.2	0.3	327
10/23/2024 0:30	AX	0.9	136	0.2	0.3	33	0.2	0.2	19

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
10/23/2024 0:00	5.1	0.8	196	0.2	0.5	23	0.2	0.3	352
10/22/2024 23:30	5.2	1.0	186	0.2	0.6	7	0.2	0.2	27
10/22/2024 23:00	6.8	1.0	182	0.2	0.2	23	0.2	0.2	32
10/22/2024 22:30	9.1	1.2	186	0.2	0.3	29	0.2	0.2	26
10/22/2024 22:00	2.3	1.4	193	0.2	0.2	19	0.2	0.2	358
10/22/2024 21:30	12.8	1.1	186	0.2	0.2	26	0.2	0.2	335
10/22/2024 21:00	8.5	1.5	180	0.2	0.2	32	0.2	0.2	327
10/22/2024 20:30	19.0	1.3	177	0.2	0.2	36	0.2	0.2	302
10/22/2024 20:00	10.2	1.2	174	0.2	0.2	36	0.2	0.3	324
10/22/2024 19:30	12.5	1.7	171	0.2	0.3	57	0.2	0.3	13
10/22/2024 19:00	5.0	1.5	165	0.2	0.4	39	0.2	0.6	348
10/22/2024 18:30	18.3	1.7	178	0.2	0.3	64	0.2	0.4	325
10/22/2024 18:00	20.3	2.3	187	0.2	0.2	56	0.2	0.2	274
10/22/2024 17:30	33.8	2.0	180	0.2	0.2	17	0.2	0.2	274
10/22/2024 17:00	35.5	0.9	282	0.2	0.9	15	0.2	0.3	258
10/22/2024 16:30	7.8	1.8	223	0.2	2.0	336	0.2	0.7	313
10/22/2024 16:00	1.7	2.2	327	0.2	1.5	21	0.2	1.1	331
10/22/2024 15:30	0.2	1.9	305	0.2	1.6	284	0.2	1.1	351
10/22/2024 15:00	0.2	2.5	8	0.2	2.6	333	0.2	0.9	311
10/22/2024 14:30	0.2	1.5	346	0.2	2.4	329	0.2	1.6	74
10/22/2024 14:00	0.2	2.1	356	0.2	1.8	341	0.2	1.1	98
10/22/2024 13:30	0.2	2.9	4	0.2	2.0	80	0.2	2.2	131
10/22/2024 13:00	0.2	4.1	12	0.2	3.0	337	0.2	1.7	109
10/22/2024 12:30	0.2	2.5	11	0.2	2.4	340	0.2	1.9	356
10/22/2024 12:00	0.2	3.8	22	0.2	2.1	32	0.2	2.0	35
10/22/2024 11:30	1.5	4.5	18	0.2	2.2	18	0.2	1.5	26
10/22/2024 11:00	0.6	4.5	24	0.2	2.6	1	0.2	1.5	50
10/22/2024 10:30	1.0	4.8	22	0.2	2.1	3	0.2	2.0	47
10/22/2024 10:00	1.4	6.4	30	0.2	2.9	2	0.2	1.8	39
10/22/2024 9:30	4.1	4.3	37	0.2	2.7	9	0.2	1.1	24
10/22/2024 9:00	8.5	2.4	42	0.2	2.2	1	0.2	1.5	9
10/22/2024 8:30	13.5	3.6	35	0.2	1.2	358	0.2	0.9	35
10/22/2024 8:00	14.0	6.2	25	0.2	0.5	9	0.2	0.9	1
10/22/2024 7:30	16.3	3.2	31	0.2	0.7	353	0.2	0.4	25
10/22/2024 7:00	6.4	3.4	41	0.2	1.1	349	0.2	0.3	38
10/22/2024 6:30	10.6	4.3	45	0.2	0.5	30	0.2	0.2	42
10/22/2024 6:00	4.5	4.5	43	0.2	1.2	355	0.2	0.3	43
10/22/2024 5:30	4.5	4.0	53	0.2	1.0	11	0.2	0.7	65
10/22/2024 5:00	3.6	4.6	50	0.2	1.1	16	0.2	0.4	55
10/22/2024 4:30	4.7	4.5	52	0.2	0.7	30	0.2	0.4	50
10/22/2024 4:00	9.2	3.1	44	0.2	0.8	5	0.2	0.4	39
10/22/2024 3:30	13.8	2.9	47	0.2	0.3	34	0.2	0.5	59
10/22/2024 3:00	24.5	3.3	44	0.2	0.3	44	0.2	0.3	31
10/22/2024 2:30	9.6	3.4	48	0.2	0.7	30	0.2	0.3	15
10/22/2024 2:00	9.1	1.3	98	0.2	0.3	39	0.2	0.3	326
10/22/2024 1:30	16.7	1.2	73	0.2	0.2	43	AX	0.2	342
10/22/2024 1:00	16.0	2.2	58	AX	0.2	33	0.2	0.3	9
10/22/2024 0:30	AX	2.6	63	0.2	0.4	17	0.2	0.3	6

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
10/22/2024 0:00	4.3	1.7	75	0.2	0.5	24	0.2	0.4	358
10/21/2024 23:30	3.2	1.1	92	0.2	0.4	37	0.2	0.3	327
10/21/2024 23:00	1.8	1.1	83	0.2	0.4	39	0.2	0.2	338
10/21/2024 22:30	0.6	0.9	169	0.2	0.4	25	0.2	0.2	319
10/21/2024 22:00	0.2	1.1	162	0.2	0.3	29	0.2	0.2	328
10/21/2024 21:30	0.2	0.9	169	0.2	0.2	33	0.2	0.2	7
10/21/2024 21:00	0.2	1.2	182	0.2	0.2	35	0.2	0.2	321
10/21/2024 20:30	0.2	1.2	170	0.2	0.3	13	0.2	0.2	298
10/21/2024 20:00	0.2	1.2	167	0.2	0.3	41	0.2	0.3	353
10/21/2024 19:30	0.2	1.2	174	0.2	0.3	40	0.2	0.3	333
10/21/2024 19:00	0.2	1.6	167	0.2	0.3	65	0.2	0.3	29
10/21/2024 18:30	0.2	1.7	178	0.2	0.2	56	0.2	0.2	333
10/21/2024 18:00	0.2	2.4	196	0.2	0.2	34	0.2	0.3	319
10/21/2024 17:30	0.2	1.9	133	0.2	0.7	63	0.2	0.2	273
10/21/2024 17:00	0.2	2.8	76	0.2	0.4	76	0.2	0.6	184
10/21/2024 16:30	0.2	6.0	59	0.2	0.6	90	0.2	2.2	54
10/21/2024 16:00	0.2	5.0	53	0.2	1.4	52	0.2	1.9	66
10/21/2024 15:30	0.2	5.6	49	0.2	1.3	59	0.2	2.2	45
10/21/2024 15:00	0.2	6.8	57	0.2	1.5	61	0.2	2.1	43
10/21/2024 14:30	0.2	5.7	47	0.2	1.5	40	0.2	2.7	29
10/21/2024 14:00	0.2	7.2	35	0.2	2.4	27	0.2	2.8	37
10/21/2024 13:30	0.2	5.6	31	0.2	1.8	44	0.2	3.0	29
10/21/2024 13:00	0.4	5.3	39	0.2	2.5	25	0.2	3.3	18
10/21/2024 12:30	1.6	8.3	20	0.2	2.6	30	0.2	3.6	28
10/21/2024 12:00	0.7	8.4	30	0.2	2.6	46	0.2	4.5	50
10/21/2024 11:30	1.7	7.7	24	0.2	2.6	25	0.2	2.8	38
10/21/2024 11:00	2.6	5.0	15	0.2	3.2	1	0.2	2.6	23
10/21/2024 10:30	2.4	5.4	23	0.2	1.6	139	0.2	1.9	44
10/21/2024 10:00	8.2	2.7	23	0.2	0.7	153	0.2	1.2	89
10/21/2024 9:30	7.1	5.4	24	0.2	0.9	167	0.2	1.4	347
10/21/2024 9:00	8.7	6.8	16	0.2	1.3	9	0.2	1.2	348
10/21/2024 8:30	14.7	6.3	35	0.2	0.5	29	0.2	1.5	356
10/21/2024 8:00	25.6	4.4	43	0.2	1.0	27	0.2	1.4	5
10/21/2024 7:30	29.7	2.3	42	0.2	0.5	48	0.2	0.9	25
10/21/2024 7:00	4.2	3.3	51	0.2	0.3	50	0.2	0.2	12
10/21/2024 6:30	14.1	3.3	47	0.2	0.4	50	0.2	0.5	25
10/21/2024 6:00	6.2	3.8	55	0.2	0.2	50	0.2	0.4	60
10/21/2024 5:30	9.3	4.1	50	0.2	0.4	50	0.2	0.5	56
10/21/2024 5:00	25.3	3.3	48	0.2	0.4	50	0.2	0.5	71
10/21/2024 4:30	27.8	3.6	51	0.2	0.8	53	0.2	0.7	49
10/21/2024 4:00	19.0	3.5	44	0.2	0.9	31	0.2	1.0	40
10/21/2024 3:30	43.5	2.3	55	0.2	0.2	50	0.2	0.6	44
10/21/2024 3:00	24.0	1.4	49	0.2	0.3	51	0.2	0.2	348
10/21/2024 2:30	10.9	1.7	52	0.2	0.2	51	0.2	0.6	49
10/21/2024 2:00	49.9	1.9	56	0.2	0.2	51	0.2	0.8	47
10/21/2024 1:30	38.6	2.1	52	0.2	0.2	50	AX	0.2	353
10/21/2024 1:00	8.6	1.7	42	AX	0.2	50	0.2	0.3	10
10/21/2024 0:30	AX	2.4	55	0.2	0.3	51	0.2	0.9	62

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
10/21/2024 0:00	41.3	2.6	46	0.2	0.7	47	0.2	0.6	26
10/20/2024 23:30	8.3	1.6	35	0.2	0.7	341	0.2	0.3	276
10/20/2024 23:00	3.5	2.9	46	0.2	0.3	31	0.2	1.2	63
10/20/2024 22:30	2.3	1.2	82	0.2	0.6	43	0.2	0.5	29
10/20/2024 22:00	0.5	1.3	187	0.2	0.4	28	0.2	0.3	319
10/20/2024 21:30	0.2	1.4	190	0.2	0.2	15	0.2	0.2	313
10/20/2024 21:00	0.2	1.8	209	0.2	0.5	7	0.2	0.3	332
10/20/2024 20:30	0.2	1.0	171	0.2	0.4	35	0.2	0.2	49
10/20/2024 20:00	0.2	0.6	85	0.2	0.5	7	0.2	0.4	289
10/20/2024 19:30	0.2	5.3	128	0.2	0.3	48	0.2	0.3	14
10/20/2024 19:00	0.2	2.1	186	0.2	0.2	53	0.2	0.2	314
10/20/2024 18:30	0.2	1.7	186	0.2	0.2	57	0.2	0.3	306
10/20/2024 18:00	0.2	2.3	187	0.2	0.3	61	0.2	0.3	333
10/20/2024 17:30	0.2	2.3	183	0.2	0.3	58	0.2	0.3	270
10/20/2024 17:00	0.2	2.8	74	0.2	0.3	78	0.2	0.5	207
10/20/2024 16:30	0.2	3.3	52	0.2	0.5	60	0.2	1.1	35
10/20/2024 16:00	0.2	3.8	44	0.2	1.8	22	0.2	1.2	25
10/20/2024 15:30	0.2	3.8	38	0.2	2.1	37	0.2	2.4	47
10/20/2024 15:00	0.2	4.8	53	0.2	1.7	39	0.2	2.1	50
10/20/2024 14:30	0.2	3.9	28	0.2	1.9	60	0.2	2.2	36
10/20/2024 14:00	0.2	3.8	10	0.2	1.7	63	0.2	2.1	30
10/20/2024 13:30	0.2	4.1	23	0.2	2.2	23	0.2	2.2	42
10/20/2024 13:00	0.2	4.1	36	0.2	2.2	43	0.2	2.0	43
10/20/2024 12:30	0.2	6.1	26	0.2	2.2	36	0.2	2.9	43
10/20/2024 12:00	0.2	5.7	27	0.2	2.2	21	0.2	2.5	32
10/20/2024 11:30	0.5	5.8	33	0.2	1.8	55	0.2	3.1	34
10/20/2024 11:00	1.7	3.7	13	0.2	1.9	359	0.2	2.0	63
10/20/2024 10:30	4.0	3.2	31	0.2	1.6	8	0.2	1.7	347
10/20/2024 10:00	6.1	3.9	24	0.2	0.9	7	0.2	2.1	353
10/20/2024 9:30	12.1	3.0	20	0.2	1.6	5	0.2	0.8	309
10/20/2024 9:00	5.9	2.7	37	0.2	1.0	8	0.2	0.6	357
10/20/2024 8:30	8.2	3.5	29	0.2	0.8	353	0.2	1.3	55
10/20/2024 8:00	14.9	4.7	26	0.2	0.7	23	0.2	0.7	45
10/20/2024 7:30	21.0	4.5	40	0.2	0.7	32	0.2	0.2	13
10/20/2024 7:00	18.7	3.9	32	0.2	0.4	34	0.2	0.2	29
10/20/2024 6:30	12.8	3.6	42	0.2	0.8	11	0.2	0.3	55
10/20/2024 6:00	6.3	3.8	56	0.2	0.9	32	0.2	0.2	57
10/20/2024 5:30	15.7	4.3	44	0.2	0.8	34	0.2	0.4	70
10/20/2024 5:00	10.8	4.0	39	0.2	1.2	16	0.2	0.5	52
10/20/2024 4:30	17.7	5.0	44	0.2	1.1	44	0.2	0.5	39
10/20/2024 4:00	11.8	4.7	42	0.2	0.9	36	0.2	0.7	35
10/20/2024 3:30	7.2	4.3	49	0.2	1.2	17	0.2	0.7	43
10/20/2024 3:00	19.5	2.9	45	0.4	0.5	23	0.2	0.6	41
10/20/2024 2:30	17.5	2.9	43	0.8	0.6	29	1.8	0.9	30
10/20/2024 2:00	25.6	1.9	47	2.5	0.2	24	BF	0.5	39
10/20/2024 1:30	54.9	1.6	53	BF	0.3	9	BF	0.7	25
10/20/2024 1:00	BF	2.0	41	BF	0.2	11	0.2	0.5	3
10/20/2024 0:30	BF	1.7	43	0.2	0.2	22	0.2	0.7	32

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
10/20/2024 0:00	13.8	2.5	37	0.2	0.4	19	0.2	0.4	35
10/19/2024 23:30	26.4	2.4	49	0.2	0.5	24	0.2	0.6	22
10/19/2024 23:00	7.0	1.5	78	0.2	0.8	37	0.2	0.7	14
10/19/2024 22:30	5.9	1.2	123	0.2	0.2	31	0.2	0.3	284
10/19/2024 22:00	15.7	1.1	94	0.2	0.5	351	0.2	0.3	346
10/19/2024 21:30	12.5	2.7	40	0.2	0.8	35	0.2	0.3	9
10/19/2024 21:00	8.0	2.4	66	0.2	0.6	47	0.2	0.5	44
10/19/2024 20:30	1.1	1.4	100	0.2	0.8	18	0.2	0.5	2
10/19/2024 20:00	0.5	1.0	129	0.2	0.4	46	0.2	0.3	11
10/19/2024 19:30	0.2	1.2	162	0.2	0.3	57	0.2	0.3	338
10/19/2024 19:00	0.2	1.4	177	0.2	0.3	67	0.2	0.3	322
10/19/2024 18:30	0.2	2.0	183	0.2	0.3	32	0.2	0.3	255
10/19/2024 18:00	0.2	1.9	190	0.2	0.5	52	0.2	0.4	291
10/19/2024 17:30	0.2	1.5	140	0.2	0.3	56	0.2	0.3	311
10/19/2024 17:00	0.2	1.9	92	0.2	0.4	13	0.2	0.4	253
10/19/2024 16:30	0.2	5.6	40	0.2	0.9	58	0.2	0.9	65
10/19/2024 16:00	0.2	3.3	39	0.2	1.1	62	0.2	1.7	58
10/19/2024 15:30	0.2	6.7	26	0.2	2.9	357	0.2	2.1	55
10/19/2024 15:00	0.2	6.3	31	0.2	2.0	50	0.2	2.0	25
10/19/2024 14:30	0.2	8.3	42	0.2	2.5	39	0.2	3.2	49
10/19/2024 14:00	0.2	6.5	42	0.2	3.1	18	0.2	2.7	35
10/19/2024 13:30	0.2	6.1	41	0.2	1.8	64	0.2	2.5	48
10/19/2024 13:00	0.4	6.5	37	0.2	2.4	54	0.2	3.2	44
10/19/2024 12:30	0.2	7.7	36	0.2	3.1	2	0.2	3.1	35
10/19/2024 12:00	0.2	7.4	22	0.2	3.3	19	0.2	2.8	36
10/19/2024 11:30	0.2	9.1	38	0.2	3.1	31	0.2	4.2	47
10/19/2024 11:00	1.1	8.3	26	0.2	2.6	25	0.2	2.9	33
10/19/2024 10:30	2.3	6.2	21	0.2	2.3	13	0.2	3.0	350
10/19/2024 10:00	2.1	5.5	2	0.2	1.9	2	0.2	2.7	348
10/19/2024 9:30	4.4	6.2	11	0.2	1.0	24	0.2	2.8	350
10/19/2024 9:00	5.7	7.2	18	0.2	1.8	353	0.2	2.6	343
10/19/2024 8:30	8.5	7.3	27	0.2	1.4	346	0.2	3.2	349
10/19/2024 8:00	9.6	5.5	38	0.2	1.1	34	0.2	1.6	12
10/19/2024 7:30	14.1	4.5	34	0.2	1.0	54	0.2	0.5	29
10/19/2024 7:00	12.8	4.2	33	0.2	0.6	33	0.2	0.3	45
10/19/2024 6:30	14.9	5.1	37	0.2	0.6	32	0.2	0.2	64
10/19/2024 6:00	13.9	4.7	39	0.2	0.9	34	0.2	0.3	23
10/19/2024 5:30	7.7	4.4	50	0.2	1.2	38	0.2	0.6	49
10/19/2024 5:00	7.9	3.8	56	0.2	0.9	36	0.2	0.7	25
10/19/2024 4:30	10.6	3.3	55	0.2	1.2	42	0.2	0.5	23
10/19/2024 4:00	10.1	3.8	46	0.2	0.7	39	0.2	0.6	37
10/19/2024 3:30	11.7	3.7	48	0.2	0.7	33	0.2	0.6	28
10/19/2024 3:00	27.2	2.2	59	0.2	0.7	55	0.2	0.7	13
10/19/2024 2:30	18.7	0.8	154	0.2	0.3	34	0.2	0.3	347
10/19/2024 2:00	35.1	2.0	62	0.2	0.5	48	0.2	0.3	14
10/19/2024 1:30	34.9	2.6	53	0.2	0.5	47	AX	0.2	16
10/19/2024 1:00	30.1	3.4	47	AX	0.8	55	0.2	0.5	347
10/19/2024 0:30	AX	2.9	46	0.2	0.4	49	0.2	0.2	35

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
10/19/2024 0:00	8.7	1.5	68	0.2	0.5	17	0.2	0.2	317
10/18/2024 23:30	10.2	1.8	88	0.2	0.5	32	0.2	0.2	284
10/18/2024 23:00	2.4	1.1	106	0.2	1.1	344	0.2	0.2	330
10/18/2024 22:30	1.6	3.4	52	0.2	1.7	357	0.2	0.2	320
10/18/2024 22:00	5.9	3.8	46	0.2	0.8	35	0.2	0.3	59
10/18/2024 21:30	23.0	2.7	43	0.2	0.6	43	0.2	0.2	23
10/18/2024 21:00	4.6	1.2	63	0.2	0.6	17	0.2	0.3	6
10/18/2024 20:30	0.6	1.5	93	0.2	1.0	30	0.2	0.6	33
10/18/2024 20:00	0.2	0.9	169	0.2	0.3	46	0.2	0.3	13
10/18/2024 19:30	0.2	1.3	171	0.2	0.3	31	0.2	0.3	304
10/18/2024 19:00	0.2	1.7	173	0.2	0.2	63	0.2	0.3	333
10/18/2024 18:30	0.2	1.5	173	0.2	0.3	56	0.2	0.2	310
10/18/2024 18:00	0.2	2.1	175	0.2	0.2	73	0.2	0.4	252
10/18/2024 17:30	0.6	5.7	36	0.2	0.4	50	0.2	0.9	28
10/18/2024 17:00	0.2	6.3	37	0.2	1.0	30	0.2	1.2	28
10/18/2024 16:30	0.2	6.5	43	0.2	1.1	41	0.2	1.7	57
10/18/2024 16:00	0.2	6.8	39	0.2	2.3	28	0.2	2.2	50
10/18/2024 15:30	0.2	7.6	27	0.2	2.1	38	0.2	2.8	37
10/18/2024 15:00	0.2	8.1	29	0.2	1.7	60	0.2	2.7	35
10/18/2024 14:30	0.2	7.0	26	0.2	1.8	52	0.2	2.6	25
10/18/2024 14:00	0.2	6.1	35	0.2	3.2	9	0.2	2.7	32
10/18/2024 13:30	0.2	6.2	24	0.2	3.0	29	0.2	2.8	13
10/18/2024 13:00	0.2	5.2	36	0.2	2.1	65	0.2	2.7	62
10/18/2024 12:30	0.2	5.7	15	0.2	2.3	36	0.2	2.8	44
10/18/2024 12:00	0.4	5.7	7	0.2	3.2	8	0.2	3.1	17
10/18/2024 11:30	0.5	8.6	29	0.2	3.0	27	0.2	3.2	30
10/18/2024 11:00	1.8	6.5	17	0.2	2.7	27	0.2	2.7	43
10/18/2024 10:30	2.1	2.3	10	0.2	2.0	0	0.2	1.5	67
10/18/2024 10:00	2.3	3.1	34	0.2	2.1	7	0.2	1.6	63
10/18/2024 9:30	1.5	4.6	25	0.2	2.7	0	0.2	1.7	8
10/18/2024 9:00	2.1	6.6	27	0.2	3.1	9	0.2	2.0	23
10/18/2024 8:30	5.9	3.6	55	0.2	1.9	13	0.2	1.1	29
10/18/2024 8:00	19.3	3.3	55	0.2	0.8	355	0.2	0.5	321
10/18/2024 7:30	13.9	2.5	59	0.2	0.7	16	0.2	0.3	71
10/18/2024 7:00	5.1	3.3	65	0.2	1.0	35	0.2	0.3	91
10/18/2024 6:30	7.2	4.7	55	0.2	1.2	48	0.2	0.4	58
10/18/2024 6:00	26.2	3.2	54	0.2	0.5	28	0.2	0.4	45
10/18/2024 5:30	16.2	2.1	41	0.2	0.5	34	0.2	0.4	17
10/18/2024 5:00	18.4	1.2	40	0.2	0.2	37	0.2	0.5	38
10/18/2024 4:30	26.9	1.2	45	0.2	0.2	8	0.2	0.4	39
10/18/2024 4:00	24.9	1.2	50	0.2	0.2	327	0.2	0.5	20
10/18/2024 3:30	29.3	1.5	64	0.2	0.5	340	0.2	0.3	35
10/18/2024 3:00	28.6	1.6	65	0.2	0.6	349	0.2	0.3	65
10/18/2024 2:30	22.1	1.6	67	0.2	0.6	357	0.2	0.2	32
10/18/2024 2:00	16.9	2.5	52	0.2	0.6	10	0.4	0.6	15
10/18/2024 1:30	16.4	1.8	3	0.4	0.6	357	AX	0.3	22
10/18/2024 1:00	17.5	1.8	38	AX	0.3	26	0.2	0.5	42
10/18/2024 0:30	AX	0.6	56	0.2	0.3	28	0.2	0.5	9

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