



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 27, 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
12/20/2024 00:00	12/26/2024 23:59	2.0	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.

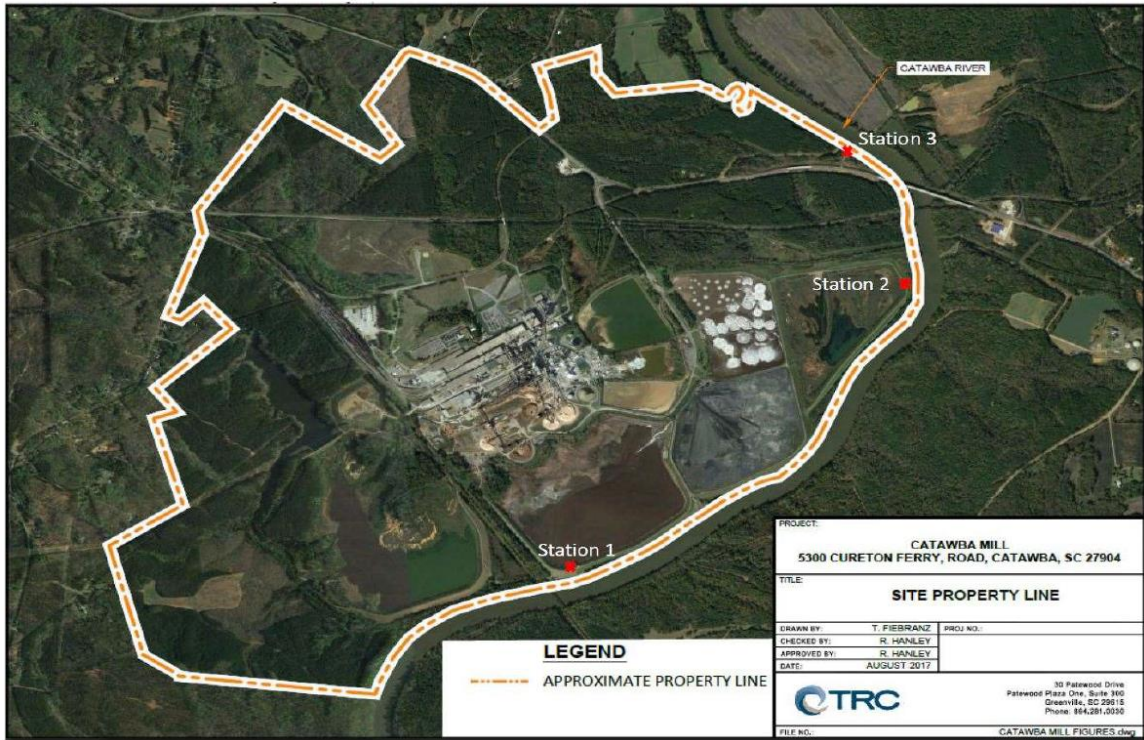
Glenn Rogers
 Environmental Manager

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

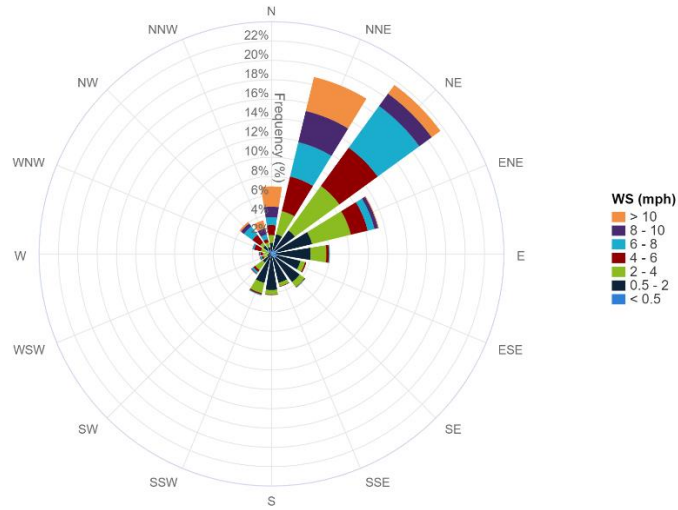
Attachments:

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 12/20/2024 00:00 to 12/26/2024 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
12/14/2024 00:00	12/20/2024 23:59	2.4	0.4	0.6	12/20/2024	1.6	0.3	0.2
12/15/2024 00:00	12/21/2024 23:59	2.1	0.4	0.6	12/21/2024	2.0	0.2	0.2
12/16/2024 00:00	12/22/2024 23:59	1.9	0.4	0.6	12/22/2024	0.9	0.2	0.2
12/17/2024 00:00	12/23/2024 23:59	1.9	0.3	0.4	12/23/2024	2.0	0.2	0.2
12/18/2024 00:00	12/24/2024 23:59	2.1	0.3	0.3	12/24/2024	2.9	0.2	0.2
12/19/2024 00:00	12/25/2024 23:59	2.1	0.2	0.2	12/25/2024	2.1	0.2	0.2
12/20/2024 00:00	12/26/2024 23:59	2.0	0.2	0.2	12/26/2024	2.4	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
12/27/2024 0:00	4.0	4.3	22	0.2	0.4	78	0.2	0.5	319
12/26/2024 23:30	3.3	6.3	35	0.2	0.9	50	0.2	1.8	0
12/26/2024 23:00	1.8	6.8	43	0.2	1.3	51	0.2	1.4	38
12/26/2024 22:30	6.7	4.1	30	0.2	1.3	52	0.2	0.6	306
12/26/2024 22:00	1.3	3.1	42	0.2	1.1	31	0.2	0.6	334
12/26/2024 21:30	1.8	3.2	47	0.2	0.9	14	0.2	0.6	339
12/26/2024 21:00	1.1	3.4	53	0.2	0.8	40	0.2	0.4	346
12/26/2024 20:30	6.9	4.9	37	0.2	1.2	39	0.2	0.9	8
12/26/2024 20:00	8.7	4.7	36	0.2	1.1	38	0.2	0.5	3
12/26/2024 19:30	1.4	3.3	39	0.2	1.0	17	0.2	0.4	356
12/26/2024 19:00	5.5	3.8	35	0.2	0.6	32	0.2	0.5	344
12/26/2024 18:30	2.0	2.8	40	0.2	0.6	326	0.2	0.6	312
12/26/2024 18:00	0.5	3.9	66	0.2	0.7	60	0.2	0.7	14
12/26/2024 17:30	0.5	3.9	68	0.2	0.7	77	0.2	1.8	38
12/26/2024 17:00	0.9	6.4	53	0.2	1.7	59	0.2	2.2	55
12/26/2024 16:30	1.4	7.3	38	0.2	1.8	59	0.2	2.9	47
12/26/2024 16:00	0.7	5.5	44	0.2	2.0	64	0.2	2.7	51
12/26/2024 15:30	1.0	4.8	43	0.2	2.2	75	0.2	1.5	45
12/26/2024 15:00	0.5	2.5	78	0.2	1.7	90	0.2	1.3	70
12/26/2024 14:30	0.9	4.0	59	0.2	1.8	53	0.2	3.2	54
12/26/2024 14:00	1.2	7.9	37	0.2	2.9	45	0.2	2.8	35
12/26/2024 13:30	0.8	8.1	30	0.2	2.8	43	0.2	3.2	41
12/26/2024 13:00	1.0	13.2	35	0.2	3.4	57	0.2	3.8	46
12/26/2024 12:30	0.8	9.8	29	0.2	3.1	57	0.2	3.7	35
12/26/2024 12:00	0.7	11.1	36	0.2	3.5	50	0.2	4.3	33
12/26/2024 11:30	0.7	9.5	44	0.2	2.3	69	0.2	4.5	44
12/26/2024 11:00	0.8	11.1	45	0.2	3.5	67	0.2	4.2	47
12/26/2024 10:30	1.0	6.9	31	0.2	2.5	46	0.2	2.9	27
12/26/2024 10:00	0.8	5.3	23	0.2	2.9	358	0.2	1.9	10
12/26/2024 9:30	1.8	6.9	25	0.2	2.1	14	0.2	2.3	22
12/26/2024 9:00	2.8	6.9	38	0.2	1.6	34	0.2	2.0	8
12/26/2024 8:30	2.8	5.4	48	0.2	1.2	25	0.2	1.1	354
12/26/2024 8:00	2.3	5.6	45	0.2	1.4	21	0.2	0.8	294
12/26/2024 7:30	3.2	4.0	39	0.2	1.6	44	0.2	0.8	339
12/26/2024 7:00	1.3	0.9	113	0.2	0.8	27	0.2	0.4	2
12/26/2024 6:30	1.3	1.5	181	0.2	0.5	47	0.2	0.3	25
12/26/2024 6:00	1.5	1.9	65	0.2	1.2	53	0.2	0.6	316
12/26/2024 5:30	2.5	1.2	185	0.2	0.5	330	0.2	0.5	283
12/26/2024 5:00	4.9	1.0	110	0.2	0.8	21	0.2	0.3	22
12/26/2024 4:30	4.7	1.0	78	0.2	0.8	23	0.2	0.4	292
12/26/2024 4:00	5.5	2.5	44	0.2	0.9	24	0.2	0.5	346
12/26/2024 3:30	2.6	0.7	76	0.2	0.5	14	0.2	0.6	23
12/26/2024 3:00	2.0	2.8	63	0.2	1.0	19	0.2	0.5	12
12/26/2024 2:30	4.2	0.6	98	0.2	0.9	21	0.2	0.4	13
12/26/2024 2:00	3.6	1.1	76	0.2	0.8	29	0.2	0.5	360
12/26/2024 1:30	3.7	0.8	51	0.2	0.9	39	AX	0.8	4
12/26/2024 1:00	2.9	0.8	128	AX	0.4	35	0.2	0.3	9
12/26/2024 0:30	AX	0.8	178	0.2	0.5	34	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
12/26/2024 0:00	1.5	1.5	203	0.2	0.5	349	0.2	0.2	299
12/25/2024 23:30	1.6	1.0	144	0.2	0.3	13	0.2	0.4	343
12/25/2024 23:00	2.4	1.8	34	0.2	1.1	21	0.2	0.7	13
12/25/2024 22:30	1.3	1.5	165	0.2	0.6	31	0.2	0.3	108
12/25/2024 22:00	0.9	0.8	185	0.2	0.6	48	0.2	0.4	145
12/25/2024 21:30	0.7	1.3	188	0.2	0.5	337	0.2	0.3	358
12/25/2024 21:00	1.6	0.7	94	0.2	1.3	18	0.2	0.7	10
12/25/2024 20:30	0.8	1.2	162	0.2	0.8	27	0.2	0.4	355
12/25/2024 20:00	0.7	1.2	180	0.2	0.4	43	0.2	0.4	15
12/25/2024 19:30	0.8	1.3	196	0.2	0.5	21	0.2	0.5	358
12/25/2024 19:00	0.8	1.6	196	0.2	0.4	331	0.2	0.5	351
12/25/2024 18:30	1.3	1.5	167	0.2	0.7	62	0.2	0.6	72
12/25/2024 18:00	1.2	2.1	137	0.2	0.9	65	0.2	0.3	249
12/25/2024 17:30	0.4	3.1	89	0.2	0.9	73	0.2	0.9	64
12/25/2024 17:00	0.2	4.8	61	0.2	1.5	67	0.2	1.6	44
12/25/2024 16:30	0.2	5.8	51	0.2	2.1	71	0.2	2.6	56
12/25/2024 16:00	0.2	5.6	51	0.2	2.4	67	0.2	2.5	55
12/25/2024 15:30	0.8	4.6	38	0.2	2.0	52	0.2	1.9	36
12/25/2024 15:00	0.6	3.0	10	0.2	2.6	315	0.2	2.2	91
12/25/2024 14:30	0.6	3.2	25	0.2	2.0	97	0.2	2.1	42
12/25/2024 14:00	0.7	3.6	62	0.2	2.3	51	0.2	2.0	70
12/25/2024 13:30	0.8	4.7	21	0.2	2.6	37	0.2	2.2	35
12/25/2024 13:00	0.7	3.8	25	0.2	2.0	110	0.2	2.6	62
12/25/2024 12:30	0.7	3.4	60	0.2	2.9	50	0.2	3.0	34
12/25/2024 12:00	0.7	6.2	41	0.2	2.7	81	0.2	3.2	47
12/25/2024 11:30	0.9	4.4	56	0.2	3.1	62	0.2	3.0	65
12/25/2024 11:00	1.5	8.4	45	0.2	2.8	64	0.2	3.7	39
12/25/2024 10:30	2.8	4.8	28	0.2	2.4	20	0.2	1.8	45
12/25/2024 10:00	AX	5.6	40	0.2	2.6	12	0.2	2.4	14
12/25/2024 9:30	9.3	3.3	52	0.2	1.1	36	0.2	1.1	27
12/25/2024 9:00	2.4	4.7	50	0.2	1.5	39	0.2	1.0	30
12/25/2024 8:30	1.5	4.0	47	0.2	1.8	18	0.2	0.7	25
12/25/2024 8:00	1.7	2.3	59	0.2	1.3	38	0.2	0.8	45
12/25/2024 7:30	3.6	2.0	33	0.2	1.2	27	0.2	0.6	10
12/25/2024 7:00	2.6	1.3	63	0.2	1.0	25	0.2	0.7	22
12/25/2024 6:30	3.4	0.9	71	0.2	0.7	34	0.2	0.6	337
12/25/2024 6:00	2.0	1.6	79	0.2	0.7	31	0.2	0.4	24
12/25/2024 5:30	4.5	1.6	50	0.2	1.4	44	0.2	0.4	31
12/25/2024 5:00	3.9	0.7	10	0.2	0.6	33	0.2	0.5	316
12/25/2024 4:30	5.4	0.8	125	0.2	0.3	13	0.2	0.5	350
12/25/2024 4:00	5.8	0.8	72	0.2	0.5	18	0.2	0.4	4
12/25/2024 3:30	4.3	1.0	118	0.2	0.8	49	0.2	0.6	334
12/25/2024 3:00	3.7	0.8	28	0.2	0.6	29	0.2	0.6	352
12/25/2024 2:30	2.4	0.9	138	0.2	0.5	27	0.2	0.3	66
12/25/2024 2:00	2.3	1.4	201	0.2	0.5	328	0.2	0.3	275
12/25/2024 1:30	5.7	1.3	163	0.4	0.6	35	AX	0.2	348
12/25/2024 1:00	5.6	0.4	79	AX	0.5	20	0.2	0.4	314
12/25/2024 0:30	AX	1.4	94	0.2	1.4	1	0.2	0.6	10

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
12/25/2024 0:00	4.0	3.2	42	0.2	1.8	22	0.2	0.7	2
12/24/2024 23:30	4.1	0.7	84	0.2	0.8	6	0.2	0.3	340
12/24/2024 23:00	3.8	1.1	59	0.2	0.9	48	0.2	0.7	18
12/24/2024 22:30	1.7	1.0	217	0.2	0.8	28	0.2	0.7	351
12/24/2024 22:00	1.0	1.2	191	0.2	0.5	349	0.2	0.4	333
12/24/2024 21:30	1.4	1.0	94	0.2	0.8	18	0.2	0.4	32
12/24/2024 21:00	0.8	1.5	188	0.2	0.4	22	0.2	0.5	315
12/24/2024 20:30	0.7	1.4	201	0.2	0.6	18	0.2	0.3	333
12/24/2024 20:00	0.6	1.7	199	0.2	0.3	20	0.2	0.3	317
12/24/2024 19:30	0.6	1.7	210	0.2	0.5	288	0.2	0.4	301
12/24/2024 19:00	0.7	1.2	173	0.2	0.4	27	0.2	0.4	50
12/24/2024 18:30	0.6	2.0	198	0.2	0.2	2	0.2	0.2	63
12/24/2024 18:00	0.7	2.4	197	0.2	0.2	7	0.2	0.2	324
12/24/2024 17:30	0.6	2.2	212	0.2	0.3	3	0.2	0.4	279
12/24/2024 17:00	0.9	1.8	237	0.2	1.1	298	0.2	1.1	225
12/24/2024 16:30	1.1	2.4	3	0.2	2.1	353	0.2	0.6	294
12/24/2024 16:00	1.0	2.0	347	0.2	2.0	344	0.2	1.1	329
12/24/2024 15:30	0.9	2.3	19	0.2	2.2	337	0.2	0.9	342
12/24/2024 15:00	0.9	2.5	19	0.2	1.8	14	0.2	1.8	354
12/24/2024 14:30	0.9	5.1	24	0.2	2.5	23	0.2	1.9	0
12/24/2024 14:00	1.1	4.2	29	0.2	2.7	5	0.2	2.0	348
12/24/2024 13:30	1.3	2.5	51	0.2	3.4	323	0.2	1.5	335
12/24/2024 13:00	1.4	2.6	22	0.2	2.5	270	0.2	1.4	6
12/24/2024 12:30	1.6	1.5	70	0.2	2.8	354	0.2	1.8	24
12/24/2024 12:00	1.7	3.0	55	0.2	2.3	346	0.2	2.0	3
12/24/2024 11:30	2.1	4.4	30	0.2	3.7	334	0.2	2.6	10
12/24/2024 11:00	AX	4.5	45	0.2	2.5	18	0.2	2.7	344
12/24/2024 10:30	AX	3.0	55	0.2	1.3	96	0.2	1.6	350
12/24/2024 10:00	AX	1.2	39	0.2	1.3	49	0.2	1.5	13
12/24/2024 9:30	4.5	1.0	63	0.2	0.6	29	0.2	0.9	42
12/24/2024 9:00	2.9	1.2	97	0.2	0.8	60	0.2	1.0	34
12/24/2024 8:30	1.8	1.3	225	0.2	0.6	28	0.2	0.8	15
12/24/2024 8:00	2.9	1.4	201	0.2	0.9	350	0.2	0.4	329
12/24/2024 7:30	5.4	0.9	69	0.2	0.7	352	0.2	0.3	258
12/24/2024 7:00	5.4	2.8	47	0.2	0.7	42	0.2	0.4	335
12/24/2024 6:30	5.8	2.0	27	0.2	1.1	8	0.2	0.4	292
12/24/2024 6:00	5.3	3.9	42	0.2	1.2	35	0.2	0.3	28
12/24/2024 5:30	4.3	1.4	52	0.2	1.3	42	0.2	0.3	289
12/24/2024 5:00	4.9	1.6	18	0.2	1.1	16	0.2	0.5	298
12/24/2024 4:30	5.3	1.4	25	0.2	0.9	48	0.2	0.4	8
12/24/2024 4:00	5.7	1.2	25	0.2	0.7	0	0.2	0.6	275
12/24/2024 3:30	4.4	1.2	303	0.2	0.9	353	0.2	0.5	235
12/24/2024 3:00	3.6	0.9	72	0.2	0.7	289	0.2	0.5	228
12/24/2024 2:30	5.1	0.7	92	0.2	0.3	271	0.2	0.4	209
12/24/2024 2:00	6.8	2.5	32	0.2	0.6	33	0.2	0.6	315
12/24/2024 1:30	10.5	2.3	30	0.4	0.7	16	AX	0.4	319
12/24/2024 1:00	7.1	0.9	19	AX	0.6	4	0.2	0.2	301
12/24/2024 0:30	AX	0.7	96	0.2	0.4	277	0.2	0.3	137

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
12/24/2024 0:00	3.4	0.7	103	0.2	0.4	352	0.2	0.3	349
12/23/2024 23:30	2.4	0.7	123	0.2	0.6	14	0.2	0.3	338
12/23/2024 23:00	3.0	1.0	77	0.2	0.9	3	0.2	0.3	265
12/23/2024 22:30	2.0	2.1	57	0.2	1.0	22	0.2	0.4	334
12/23/2024 22:00	3.6	2.1	52	0.2	1.1	31	0.2	0.5	348
12/23/2024 21:30	1.0	0.6	108	0.2	0.8	9	0.2	0.5	15
12/23/2024 21:00	0.7	1.0	173	0.2	1.0	338	0.2	0.3	336
12/23/2024 20:30	0.8	1.2	101	0.2	1.0	25	0.2	0.4	13
12/23/2024 20:00	0.5	1.3	143	0.2	1.0	30	0.2	0.4	2
12/23/2024 19:30	0.6	1.4	99	0.2	1.5	28	0.2	0.6	353
12/23/2024 19:00	0.4	1.0	161	0.2	1.4	30	0.2	0.4	349
12/23/2024 18:30	0.2	1.1	176	0.2	1.2	35	0.2	0.3	3
12/23/2024 18:00	0.2	1.3	137	0.2	1.0	39	0.2	0.3	208
12/23/2024 17:30	0.2	3.4	75	0.2	0.8	55	0.2	0.9	22
12/23/2024 17:00	0.2	3.2	68	0.2	1.8	69	0.2	1.4	37
12/23/2024 16:30	0.2	3.6	70	0.2	2.4	70	0.2	1.7	66
12/23/2024 16:00	0.8	5.6	41	0.2	2.4	81	0.2	2.4	57
12/23/2024 15:30	0.5	5.0	49	0.2	2.4	64	0.2	2.1	57
12/23/2024 15:00	0.9	5.1	63	0.2	3.1	39	0.2	2.6	70
12/23/2024 14:30	1.1	6.8	39	0.2	2.7	41	0.2	3.1	57
12/23/2024 14:00	1.8	8.6	25	0.2	2.7	63	0.2	3.1	19
12/23/2024 13:30	2.1	8.2	33	0.2	3.4	57	0.2	2.8	32
12/23/2024 13:00	BC	7.6	32	0.2	4.4	23	0.2	3.6	29
12/23/2024 12:30	BC	9.2	31	0.2	3.2	56	0.2	4.1	35
12/23/2024 12:00	BC	9.0	33	0.2	3.2	61	0.2	4.8	37
12/23/2024 11:30	BC	7.8	53	0.2	3.3	68	0.2	4.0	47
12/23/2024 11:00	BA	9.0	42	0.2	3.5	66	0.2	4.3	60
12/23/2024 10:30	BA	8.0	53	0.2	3.5	71	0.2	4.9	66
12/23/2024 10:00	0.4	5.8	72	0.2	3.2	67	0.2	3.4	66
12/23/2024 9:30	0.7	5.4	70	0.2	1.8	56	0.2	2.2	50
12/23/2024 9:00	4.6	4.4	48	0.2	0.8	37	0.2	1.5	9
12/23/2024 8:30	5.2	4.6	43	0.2	0.4	53	0.2	1.0	340
12/23/2024 8:00	1.9	4.6	48	0.2	0.5	51	0.2	0.3	335
12/23/2024 7:30	4.5	4.2	49	0.2	0.4	45	0.2	0.5	356
12/23/2024 7:00	4.6	3.1	47	0.2	0.9	54	0.2	0.9	356
12/23/2024 6:30	7.3	3.3	38	0.2	0.7	31	0.2	0.8	332
12/23/2024 6:00	8.0	2.7	62	0.2	0.9	26	0.2	0.4	291
12/23/2024 5:30	4.6	1.8	70	0.2	0.6	12	0.2	0.3	290
12/23/2024 5:00	1.7	2.2	77	0.2	0.4	28	0.2	0.3	271
12/23/2024 4:30	1.0	1.6	65	0.2	0.8	43	0.2	0.4	319
12/23/2024 4:00	2.2	1.0	114	0.2	0.8	42	0.2	0.6	297
12/23/2024 3:30	1.1	0.8	194	0.2	0.9	344	0.2	0.8	316
12/23/2024 3:00	1.3	1.7	124	0.2	0.5	20	0.2	0.3	118
12/23/2024 2:30	2.2	1.9	74	0.2	0.9	35	0.2	0.5	359
12/23/2024 2:00	1.1	1.0	103	0.2	0.7	15	0.2	0.4	340
12/23/2024 1:30	1.9	1.0	95	0.2	0.7	37	AX	0.4	352
12/23/2024 1:00	3.1	0.7	103	AX	0.5	25	0.2	0.5	338
12/23/2024 0:30	AX	0.8	93	0.2	0.6	22	0.2	0.4	332

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
12/23/2024 0:00	2.5	0.7	97	0.2	0.4	11	0.2	0.2	302
12/22/2024 23:30	3.0	1.7	74	0.2	0.6	5	0.2	0.4	9
12/22/2024 23:00	1.9	1.5	71	0.2	0.9	18	0.2	0.4	347
12/22/2024 22:30	1.1	0.8	111	0.2	0.5	1	0.2	0.3	345
12/22/2024 22:00	0.8	1.0	118	0.2	0.4	39	0.2	0.2	357
12/22/2024 21:30	0.9	0.8	92	0.2	0.8	4	0.2	0.4	345
12/22/2024 21:00	0.5	1.0	142	0.2	0.7	24	0.2	0.3	355
12/22/2024 20:30	0.5	1.0	133	0.2	0.9	37	0.2	0.4	7
12/22/2024 20:00	0.4	1.0	178	0.2	0.5	17	0.2	0.5	339
12/22/2024 19:30	0.2	1.7	192	0.2	0.3	23	0.2	0.4	336
12/22/2024 19:00	0.2	1.6	201	0.2	0.8	32	0.2	0.4	330
12/22/2024 18:30	0.2	1.5	153	0.2	0.9	58	0.2	0.2	69
12/22/2024 18:00	0.2	2.5	88	0.2	1.0	53	0.2	0.4	24
12/22/2024 17:30	0.2	2.5	89	0.2	1.2	78	0.2	0.6	98
12/22/2024 17:00	0.2	4.4	55	0.2	1.2	66	0.2	1.2	53
12/22/2024 16:30	0.2	3.4	40	0.2	1.7	95	0.2	1.2	111
12/22/2024 16:00	0.2	4.0	9	0.2	2.2	18	0.2	2.0	24
12/22/2024 15:30	0.2	4.1	26	0.2	2.6	33	0.2	2.3	29
12/22/2024 15:00	0.2	5.7	355	0.2	2.5	71	0.2	1.9	16
12/22/2024 14:30	0.2	5.1	31	0.2	2.7	350	0.2	2.9	30
12/22/2024 14:00	0.2	4.6	42	0.2	3.4	9	0.2	2.4	19
12/22/2024 13:30	0.4	4.1	50	0.2	2.1	25	0.2	2.4	335
12/22/2024 13:00	0.4	3.3	38	0.2	2.3	95	0.2	3.1	21
12/22/2024 12:30	0.2	3.3	49	0.2	2.7	64	0.2	2.6	62
12/22/2024 12:00	0.2	5.4	28	0.2	2.6	92	0.2	2.7	13
12/22/2024 11:30	0.4	5.8	45	0.2	2.3	45	0.2	3.1	43
12/22/2024 11:00	0.4	7.1	40	0.2	3.2	72	0.2	4.0	44
12/22/2024 10:30	0.6	10.2	42	0.2	3.8	59	0.2	5.9	49
12/22/2024 10:00	0.5	10.6	39	0.2	4.3	68	0.2	6.2	45
12/22/2024 9:30	1.0	10.9	40	0.2	3.6	53	0.2	4.9	38
12/22/2024 9:00	2.2	10.1	33	0.2	2.4	51	0.2	3.4	26
12/22/2024 8:30	3.8	9.5	30	0.2	1.8	46	0.2	3.4	25
12/22/2024 8:00	3.3	8.9	31	0.2	1.6	60	0.2	2.9	29
12/22/2024 7:30	2.4	7.8	33	0.2	1.4	62	0.2	1.9	27
12/22/2024 7:00	0.2	7.4	50	0.2	1.4	72	0.2	2.0	34
12/22/2024 6:30	1.4	7.2	41	0.2	1.6	78	0.2	1.8	12
12/22/2024 6:00	1.2	7.2	39	0.2	1.5	73	0.2	1.7	10
12/22/2024 5:30	0.7	7.1	40	0.2	0.8	56	0.2	1.4	16
12/22/2024 5:00	1.5	6.5	44	0.2	0.3	143	0.2	1.1	21
12/22/2024 4:30	0.9	7.4	39	0.2	0.4	60	0.2	1.5	14
12/22/2024 4:00	1.1	7.2	37	0.2	0.3	86	0.2	2.0	2
12/22/2024 3:30	0.5	7.2	41	0.2	0.6	59	0.2	1.5	11
12/22/2024 3:00	0.6	6.8	40	0.2	0.5	57	0.2	1.5	13
12/22/2024 2:30	0.7	6.7	44	0.2	0.7	82	2.2	1.6	22
12/22/2024 2:00	1.1	6.0	44	1.9	0.5	61	BF	1.8	17
12/22/2024 1:30	1.5	5.3	50	BF	0.8	68	AX	1.7	21
12/22/2024 1:00	BF	6.6	43	AX	1.1	80	0.2	1.8	23
12/22/2024 0:30	AX	7.2	22	0.2	1.5	70	0.2	2.4	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
12/22/2024 0:00	4.3	9.5	22	0.2	1.7	66	0.2	3.1	8
12/21/2024 23:30	4.0	8.8	21	0.2	1.9	58	0.2	2.8	10
12/21/2024 23:00	2.0	10.5	15	0.2	2.4	47	0.2	3.6	6
12/21/2024 22:30	1.9	11.3	18	0.2	2.6	44	0.2	3.9	16
12/21/2024 22:00	3.2	10.1	12	0.2	1.6	51	0.2	3.9	6
12/21/2024 21:30	2.6	7.3	13	0.2	1.0	53	0.2	2.5	360
12/21/2024 21:00	1.8	10.4	8	0.2	1.3	28	0.2	3.1	354
12/21/2024 20:30	4.8	9.6	6	0.2	1.4	49	0.2	0.7	335
12/21/2024 20:00	5.6	6.1	15	0.2	1.0	30	0.2	0.3	331
12/21/2024 19:30	4.6	5.8	13	0.2	1.2	33	0.2	0.4	326
12/21/2024 19:00	4.5	5.9	11	0.2	0.7	51	0.2	1.2	356
12/21/2024 18:30	3.4	7.1	14	0.2	1.4	75	0.2	2.3	9
12/21/2024 18:00	1.7	8.8	10	0.2	1.5	38	0.2	2.9	7
12/21/2024 17:30	1.9	8.8	9	0.2	2.0	18	0.2	2.2	8
12/21/2024 17:00	1.8	10.4	14	0.2	2.8	24	0.2	3.3	5
12/21/2024 16:30	1.1	10.6	14	0.2	3.3	37	0.2	4.0	14
12/21/2024 16:00	1.0	9.4	11	0.2	4.7	0	0.2	3.9	4
12/21/2024 15:30	1.3	9.2	2	0.2	4.7	21	0.2	4.7	10
12/21/2024 15:00	1.5	11.1	13	0.2	5.0	348	0.2	4.0	2
12/21/2024 14:30	1.2	10.9	8	0.2	5.3	327	0.2	3.5	341
12/21/2024 14:00	1.3	11.6	11	0.2	5.3	323	0.2	3.2	332
12/21/2024 13:30	1.5	11.8	10	0.2	6.2	353	0.2	5.4	357
12/21/2024 13:00	2.8	14.0	4	0.2	5.7	359	0.2	5.7	354
12/21/2024 12:30	2.1	11.9	1	0.2	6.2	360	0.2	5.6	351
12/21/2024 12:00	2.0	12.0	4	0.2	6.3	10	0.2	6.1	2
12/21/2024 11:30	2.1	13.1	10	0.2	5.4	1	0.2	5.0	348
12/21/2024 11:00	1.7	14.1	6	0.2	5.7	347	0.2	5.5	351
12/21/2024 10:30		11.0	14	0.2	4.9	346	0.2	5.8	353
12/21/2024 10:00	1.6	8.3	10	0.2	3.9	350	0.2	4.1	355
12/21/2024 9:30	2.1	10.2	13	0.2	2.2	356	0.2	3.6	357
12/21/2024 9:00	2.4	5.8	345	0.2	0.7	309	0.2	0.7	45
12/21/2024 8:30	1.0	3.0	308	0.2	0.6	10	0.2	0.4	360
12/21/2024 8:00	0.8	2.4	300	0.2	0.5	20	0.2	0.5	223
12/21/2024 7:30	0.7	3.5	284	0.2	0.3	33	0.2	0.3	280
12/21/2024 7:00	1.3	4.8	313	0.2	0.9	355	0.2	0.3	318
12/21/2024 6:30	0.7	2.0	253	0.2	0.7	10	0.2	0.3	243
12/21/2024 6:00	0.7	1.9	230	0.2	0.3	321	0.2	0.5	203
12/21/2024 5:30	0.7	3.3	272	0.2	0.5	349	0.2	0.2	280
12/21/2024 5:00	0.7	3.2	279	0.2	0.6	314	0.2	0.3	231
12/21/2024 4:30	0.7	3.2	252	0.2	0.9	258	0.2	0.7	230
12/21/2024 4:00	0.9	3.2	272	0.2	1.7	263	0.2	0.9	222
12/21/2024 3:30	1.3	5.1	311	0.2	1.1	356	0.2	0.7	205
12/21/2024 3:00	1.5	5.9	310	0.2	1.4	327	0.2	0.4	201
12/21/2024 2:30	2.2	5.9	317	0.2	1.7	320	0.2	0.3	261
12/21/2024 2:00	1.3	3.8	306	0.2	1.4	272	0.4	0.6	222
12/21/2024 1:30	1.6	0.2	308	0.5	1.2	277	AX	0.6	211
12/21/2024 1:00	2.3	1.1	354	AX	1.8	307	0.2	0.5	238
12/21/2024 0:30	AX	6.0	311	0.2	2.1	284	0.2	0.7	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
12/21/2024 0:00	1.3	7.4	316	0.2	2.8	313	0.2	1.2	277
12/20/2024 23:30	1.1	7.4	313	0.2	3.1	334	0.2	3.1	342
12/20/2024 23:00	1.5	7.7	326	0.2	2.2	313	0.2	0.9	230
12/20/2024 22:30	1.5	8.6	332	0.2	1.3	332	0.2	1.2	193
12/20/2024 22:00	1.4	8.1	325	0.2	2.0	322	0.2	0.7	232
12/20/2024 21:30	1.2	8.4	333	0.2	1.7	0	0.2	0.9	346
12/20/2024 21:00	1.5	7.9	321	0.2	2.0	321	0.2	1.2	228
12/20/2024 20:30	1.1	11.0	334	0.2	3.6	339	0.2	2.8	333
12/20/2024 20:00	1.3	11.4	332	0.2	3.9	329	0.2	2.4	330
12/20/2024 19:30	3.8	9.0	3	0.2	2.0	334	0.2	2.4	332
12/20/2024 19:00	3.2	11.7	11	0.2	3.5	2	0.2	4.0	357
12/20/2024 18:30	2.4	6.9	331	0.2	3.0	10	0.2	2.4	328
12/20/2024 18:00	4.3	6.7	293	0.2	4.1	304	0.2	1.2	298
12/20/2024 17:30	6.1	8.7	7	0.5	3.7	10	0.2	1.8	333
12/20/2024 17:00	1.7	2.0	134	0.9	1.9	54	0.2	0.4	50
12/20/2024 16:30	1.1	3.6	221	0.7	4.8	234	0.2	1.4	254
12/20/2024 16:00	1.0	4.4	221	0.8	4.4	235	0.2	1.4	256
12/20/2024 15:30	1.2	4.2	225	0.5	5.1	237	0.2	2.0	240
12/20/2024 15:00	1.0	5.0	189	0.4	4.7	233	0.2	2.8	237
12/20/2024 14:30	1.0	4.4	270	0.4	5.2	237	0.6	2.6	225
12/20/2024 14:00	1.0	5.9	263	0.8	4.9	254	0.2	2.6	228
12/20/2024 13:30	1.0	6.7	248	0.9	5.5	268	0.2	2.9	222
12/20/2024 13:00	1.0	6.9	261	0.4	5.5	270	0.2	1.8	261
12/20/2024 12:30	0.9	6.2	257	0.2	1.7	326	0.2	0.9	336
12/20/2024 12:00	1.0	4.1	230	0.8	1.5	325	0.2	1.0	357
12/20/2024 11:30	1.1	2.4	209	0.2	2.7	211	0.9	1.5	222
12/20/2024 11:00	1.3	1.5	187	0.2	1.6	224	0.4	0.6	158
12/20/2024 10:30	1.8	1.9	168	0.2	1.2	136	0.2	0.9	177
12/20/2024 10:00	1.5	2.1	167	0.2	1.1	140	0.2	1.1	173
12/20/2024 9:30	1.2	2.7	150	0.2	1.3	135	0.2	1.4	166
12/20/2024 9:00	1.2	3.0	144	0.2	1.5	138	0.2	1.5	141
12/20/2024 8:30	0.8	1.7	108	0.2	1.0	88	0.2	1.1	81
12/20/2024 8:00	0.9	1.5	110	0.2	0.7	47	0.2	0.9	60
12/20/2024 7:30	2.6	2.6	45	0.2	1.0	41	0.2	0.9	31
12/20/2024 7:00	3.0	4.6	4	0.2	1.8	355	0.2	1.4	349
12/20/2024 6:30	2.1	3.6	22	0.2	1.7	360	0.2	1.6	353
12/20/2024 6:00	0.9	3.2	92	0.2	1.5	75	0.2	1.6	57
12/20/2024 5:30	0.9	2.5	70	0.2	0.7	103	0.2	0.8	114
12/20/2024 5:00	2.5	3.4	35	0.2	1.4	40	0.2	1.3	26
12/20/2024 4:30	2.1	4.2	38	0.2	1.7	13	0.2	1.4	353
12/20/2024 4:00	1.0	3.8	51	0.2	1.2	41	0.2	1.6	28
12/20/2024 3:30	0.9	2.1	75	0.2	0.5	60	0.2	0.6	65
12/20/2024 3:00	1.1	2.9	56	0.2	1.1	22	0.2	0.7	337
12/20/2024 2:30	1.1	1.9	62	0.2	0.7	34	0.2	0.6	292
12/20/2024 2:00	1.2	1.8	91	0.2	0.5	53	0.4	0.4	241
12/20/2024 1:30	1.5	2.2	81	0.5	0.7	43	AX	0.5	23
12/20/2024 1:00	2.3	1.6	69	AX	0.9	51	0.2	1.4	57
12/20/2024 0:30	AX	2.0	107	0.2	0.9	71	0.2	0.9	69

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