



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

November 03, 2023

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
10/27/2023 00:00	11/02/2023 23:59	6.1	1.4	1.5

As required by the Order, New-Indy is continually evaluating its ongoing operations and shall continue developing response actions which include the following, among others:

1. New-Indy's environmental consultant continues to remotely monitor and evaluates each monitoring station's performance on a regular basis, daily checking and validating the precision checks for each station.
2. The mill continues to supplement the WWTP with peroxide and ferric chloride as discussed in previous reports.
3. New-Indy continues monitoring and optimizing mill processes to minimize organic and chemical losses to the sewer. The sustained reduction in daily H₂S levels and rolling averages continues to demonstrate New Indy's successful implementation of corrective actions.
4. The permanent activated carbon filtration unit continues to operate at the outfall structure (PAB, Post Aeration Basin) to potentially reduce variable ambient H₂S and VOC emissions.
5. SCDHEC has approved Trial requests from New Indy Catawba for the use of an industrial odor-reducing aerosol spray (not a masking agent, but an odor reducing agent) and oxygen injection into the primary clarifier influent.

Please let me know if you have questions.

Thank you.

Bob Tourville
Process Engineering 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

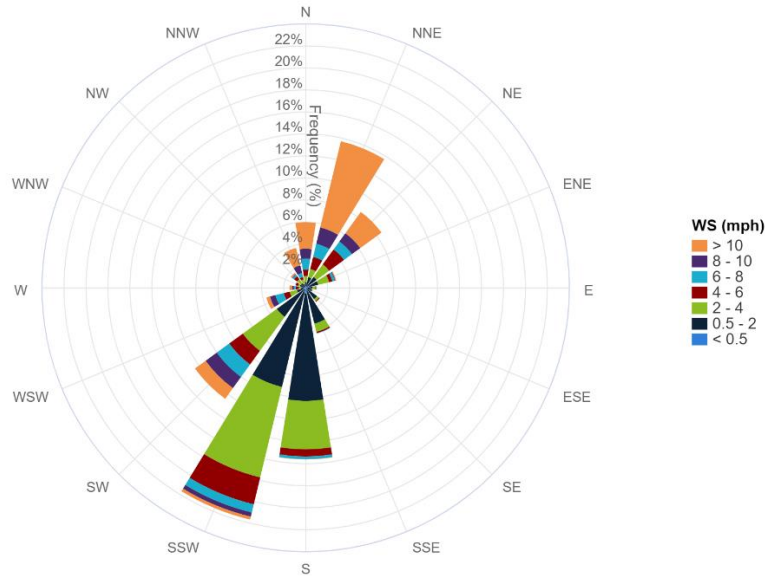
Attachments:

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 10/27/2023 00:00 to 11/02/2023 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	Station 1	Station 2	Station 3
10/21/2023 00:00	10/27/2023 23:59		5.7	0.9	0.7	10/27/2023 00:00 – 24:00	7.2	1.0	1.8
10/22/2023 00:00	10/28/2023 23:59		6.4	0.7	0.6	10/28/2023	5.1	0.8	0.8
10/23/2023 00:00	10/29/2023 23:59		6.3	1.0	0.9	10/29/2023	2.6	2.9	2.4
10/24/2023 00:00	10/30/2023 23:59		5.6	1.4	1.6	10/30/2023	0.8	3.8	5.1
10/25/2023 00:00	10/31/2023 23:59		6.2	1.5	1.6	10/31/2023	12.3	0.7	0.2
10/26/2023 00:00	11/01/2023 23:59		5.8	1.4	1.6	11/01/2023	8.0	0.4	0.2
10/27/2023 00:00	11/02/2023 23:59		6.1	1.4	1.5	11/02/2023	6.8	0.4	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
11/3/2023 0:00	15.9	3.0	50	0.2	1.4	355	0.2	0.2	353
11/2/2023 23:30	11.9	0.7	55	0.2	0.7	37	0.2	0.4	358
11/2/2023 23:00	7.2	0.8	196	0.2	1.0	359	0.2	0.3	334
11/2/2023 22:30	4.2	1.0	183	0.2	0.9	348	0.5	0.3	325
11/2/2023 22:00	4.0	1.0	172	0.2	0.6	1	0.2	0.3	326
11/2/2023 21:30	3.9	1.0	170	0.2	0.7	24	0.2	0.3	353
11/2/2023 21:00	3.4	1.7	185	0.2	0.6	24	0.2	0.4	355
11/2/2023 20:30	2.8	1.4	181	0.2	0.9	22	0.2	0.3	300
11/2/2023 20:00	1.4	1.2	185	0.2	1.2	2	0.2	0.4	317
11/2/2023 19:30	0.5	1.4	181	0.2	1.2	358	0.2	0.3	325
11/2/2023 19:00	0.2	1.1	175	0.2	0.7	22	0.2	0.2	325
11/2/2023 18:30	0.2	1.7	188	0.5	0.4	20	0.2	0.3	330
11/2/2023 18:00	0.2	2.1	192	0.2	0.4	47	0.2	0.2	311
11/2/2023 17:30	0.2	1.7	144	0.2	0.5	37	0.2	0.3	260
11/2/2023 17:00	0.5	4.2	35	0.2	1.3	44	0.2	1.3	35
11/2/2023 16:30	0.2	2.6	62	0.2	1.6	12	0.2	1.5	136
11/2/2023 16:00	0.2	2.1	308	0.2	1.6	61	0.2	1.5	64
11/2/2023 15:30	0.2	2.6	48	0.2	1.7	88	0.2	2.5	130
11/2/2023 15:00	0.8	4.0	26	0.2	2.6	274	0.2	1.8	155
11/2/2023 14:30	0.7	3.9	358	0.2	3.4	333	0.2	1.5	190
11/2/2023 14:00	1.5	3.6	20	0.2	2.2	187	0.2	1.7	1
11/2/2023 13:30	0.2	3.2	22	0.2	2.2	101	0.2	2.4	18
11/2/2023 13:00	0.6	3.7	36	0.2	2.0	285	0.2	2.3	37
11/2/2023 12:30	0.2	3.7	18	0.2	3.4	358	0.2	2.1	113
11/2/2023 12:00	0.2	4.7	29	0.4	2.3	78	0.2	2.1	30
11/2/2023 11:30	0.6	4.2	36	0.5	2.5	78	0.2	3.1	76
11/2/2023 11:00	0.8	3.8	41	0.7	3.3	42	0.2	2.9	103
11/2/2023 10:30	0.2	6.0	51	0.8	2.4	75	0.2	3.5	66
11/2/2023 10:00	0.2	6.2	73	0.8	2.5	53	0.2	3.5	85
11/2/2023 9:30	2.1	3.9	35	0.8	1.5	21	0.2	2.0	40
11/2/2023 9:00	2.3	4.3	47	0.8	0.6	7	0.2	1.6	340
11/2/2023 8:30	22.0	3.0	56	0.7	0.7	5	0.2	1.0	337
11/2/2023 8:00	13.6	1.6	47	0.7	0.9	342	0.2	0.3	284
11/2/2023 7:30	8.4	2.8	50	0.5	0.5	355	0.2	0.2	252
11/2/2023 7:00	12.7	2.3	42	0.5	0.8	1	0.2	0.4	305
11/2/2023 6:30	22.3	1.6	55	0.6	0.7	6	0.2	0.4	299
11/2/2023 6:00	16.6	1.8	52	0.6	0.9	1	0.2	0.5	290
11/2/2023 5:30	11.9	4.1	47	0.6	0.4	28	0.2	0.5	300
11/2/2023 5:00	15.1	3.8	42	0.6	0.8	10	0.2	0.4	310
11/2/2023 4:30	8.9	0.8	69	0.6	0.9	345	0.2	0.3	301
11/2/2023 4:00	6.8	1.0	47	0.6	0.6	3	0.2	0.4	285
11/2/2023 3:30	2.9	2.0	62	0.7	1.1	327	0.2	0.7	273
11/2/2023 3:00	14.4	2.0	42	0.6	0.6	17	0.2	0.4	318
11/2/2023 2:30	25.5	1.0	137	0.6	0.4	35	0.2	0.3	291
11/2/2023 2:00	24.6	1.3	123	0.5	0.7	43	0.4	0.4	357
11/2/2023 1:30	20.4	1.3	135	0.2	0.5	36	AX	0.4	276
11/2/2023 1:00	26.1	0.7	142	AX	0.7	19	0.2	0.4	304
11/2/2023 0:30	AX	0.7	108	0.2	0.7	14	0.2	0.4	275

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
11/2/2023 0:00	19.7	0.8	144	0.2	0.8	20	0.2	0.4	297
11/1/2023 23:30	16.2	1.0	179	0.2	1.0	359	0.2	0.4	292
11/1/2023 23:00	11.2	0.9	212	0.2	0.8	4	0.2	0.6	268
11/1/2023 22:30	11.1	1.1	185	0.2	0.7	351	0.4	0.4	262
11/1/2023 22:00	10.4	0.8	199	0.2	0.7	31	0.5	0.4	315
11/1/2023 21:30	10.1	1.5	186	0.2	0.7	29	0.2	0.3	335
11/1/2023 21:00	9.7	1.5	189	0.2	0.7	8	0.2	0.4	290
11/1/2023 20:30	5.7	1.3	172	0.2	0.7	38	0.2	0.5	256
11/1/2023 20:00	5.0	1.2	183	0.2	0.5	29	0.2	0.4	312
11/1/2023 19:30	7.0	1.6	186	0.2	0.7	37	0.2	0.4	276
11/1/2023 19:00	11.0	1.7	167	0.2	0.7	29	0.2	0.4	282
11/1/2023 18:30	37.6	1.6	144	0.2	0.3	32	0.2	0.4	324
11/1/2023 18:00	44.3	5.8	19	0.4	0.6	66	0.2	0.6	15
11/1/2023 17:30	7.7	9.1	11	0.5	1.8	12	0.2	2.1	11
11/1/2023 17:00	3.4	11.1	13	0.4	3.6	358	0.2	2.9	7
11/1/2023 16:30	7.9	12.1	12	0.5	4.4	3	0.2	3.6	12
11/1/2023 16:00	7.8	12.2	10	0.4	5.7	342	0.2	5.5	1
11/1/2023 15:30	11.6	13.7	20	0.4	5.8	357	0.2	3.7	7
11/1/2023 15:00	6.9	14.9	12	0.5	6.1	9	0.2	4.7	7
11/1/2023 14:30	2.2	13.7	5	0.4	6.9	350	0.2	6.0	4
11/1/2023 14:00	3.2	13.9	0	0.5	6.7	340	0.2	5.9	1
11/1/2023 13:30	2.4	16.9	0	0.5	7.8	340	0.2	6.1	360
11/1/2023 13:00	1.0	15.6	352	0.6	7.8	355	0.2	7.1	3
11/1/2023 12:30	3.9	15.1	353	0.6	7.7	5	0.2	6.6	11
11/1/2023 12:00	12.7	18.7	16	0.6	6.7	345	0.2	6.5	355
11/1/2023 11:30	14.0	17.9	17	0.5	8.1	18	0.2	6.0	10
11/1/2023 11:00	13.1	17.8	17	0.6	8.0	18	0.2	6.8	15
11/1/2023 10:30	7.3	15.2	3	0.7	8.1	18	0.2	6.3	21
11/1/2023 10:00	2.5	14.2	356	0.7	6.2	349	0.2	6.1	357
11/1/2023 9:30	0.8	15.7	345	0.7	6.9	349	0.2	5.7	4
11/1/2023 9:00	1.2	16.4	357	0.6	6.8	345	0.4	6.4	356
11/1/2023 8:30	1.4	15.8	356	0.5	7.2	350	0.2	5.0	4
11/1/2023 8:00	1.9	12.4	356	0.5	4.9	348	0.2	5.6	1
11/1/2023 7:30	3.0	10.0	355	0.4	3.3	342	0.2	3.4	0
11/1/2023 7:00	3.0	8.1	348	0.4	2.1	359	0.2	1.8	10
11/1/2023 6:30	1.7	9.1	345	0.2	2.0	352	0.2	2.1	6
11/1/2023 6:00	1.7	8.7	348	0.2	2.2	360	0.2	2.6	4
11/1/2023 5:30	1.5	9.5	346	0.4	3.2	357	0.2	3.3	1
11/1/2023 5:00	2.1	9.3	346	0.2	3.9	352	0.2	3.7	1
11/1/2023 4:30	6.3	10.3	349	0.4	2.6	6	0.2	3.0	4
11/1/2023 4:00	1.8	8.7	350	0.4	1.5	11	0.2	1.6	17
11/1/2023 3:30	0.9	10.3	347	0.4	2.8	352	0.2	1.1	357
11/1/2023 3:00	4.9	8.3	349	0.4	2.6	2	0.2	1.6	7
11/1/2023 2:30	23.6	8.0	4	0.5	0.7	22	0.2	0.9	24
11/1/2023 2:00	11.2	7.4	6	0.6	1.8	355	0.4	1.7	12
11/1/2023 1:30	0.7	6.2	325	0.5	1.7	347	AX	0.6	313
11/1/2023 1:00	1.3	3.4	325	AX	0.8	8	0.2	0.3	290
11/1/2023 0:30	AX	3.3	327	0.6	0.9	311	0.2	0.5	249

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
11/1/2023 0:00	10.2	4.8	12	0.6	0.4	258	0.2	0.3	334
10/31/2023 23:30	4.7	5.9	10	0.6	0.6	311	0.2	0.6	342
10/31/2023 23:00	5.2	4.2	9	0.5	0.8	284	0.2	0.4	297
10/31/2023 22:30	8.6	3.0	20	0.6	0.6	307	0.2	0.6	311
10/31/2023 22:00	0.8	6.5	37	0.6	0.6	20	0.2	1.2	13
10/31/2023 21:30	4.7	6.2	45	0.6	0.6	82	0.2	1.3	34
10/31/2023 21:00	0.4	5.3	48	0.6	0.6	79	0.2	1.1	28
10/31/2023 20:30	7.4	6.3	35	0.6	0.8	68	0.2	1.8	43
10/31/2023 20:00	17.0	8.5	17	0.6	2.5	23	0.2	1.9	26
10/31/2023 19:30	1.2	7.3	37	0.6	1.5	32	0.2	2.7	33
10/31/2023 19:00	2.6	6.9	42	0.5	1.2	73	0.2	1.8	48
10/31/2023 18:30	13.7	7.8	27	0.6	1.7	33	0.2	2.0	28
10/31/2023 18:00	17.0	9.9	20	0.6	2.5	25	0.2	2.5	21
10/31/2023 17:30	14.7	9.9	18	0.7	4.1	7	0.2	3.1	12
10/31/2023 17:00	8.9	BA	BA	0.6	3.1	17	0.2	2.3	16
10/31/2023 16:30	4.2	9.4	31	0.7	2.0	45	0.2	2.9	29
10/31/2023 16:00	4.8	10.0	33	0.6	2.5	39	0.2	2.9	40
10/31/2023 15:30	12.9	11.8	24	0.6	2.5	39	0.2	3.5	30
10/31/2023 15:00	20.0	11.6	17	0.7	3.7	26	0.2	3.4	22
10/31/2023 14:30	12.9	11.9	27	0.6	3.1	32	0.2	3.3	32
10/31/2023 14:00	15.1	10.6	26	0.6	3.0	24	0.2	3.6	31
10/31/2023 13:30	1.0	10.8	46	0.6	1.7	61	0.2	3.7	49
10/31/2023 13:00	1.3	10.6	42	0.6	2.1	53	0.2	3.5	33
10/31/2023 12:30	2.7	11.1	35	0.6	2.1	62	0.2	3.6	43
10/31/2023 12:00	3.2	12.2	31	0.6	3.4	36	0.2	4.0	33
10/31/2023 11:30	1.3	12.6	38	0.7	3.1	48	0.2	4.2	53
10/31/2023 11:00	1.0	11.7	42	0.6	2.2	56	0.2	3.6	32
10/31/2023 10:30	2.0	12.6	36	0.6	2.8	55	0.2	4.1	38
10/31/2023 10:00	1.6	14.0	35	0.6	3.1	52	0.2	5.2	50
10/31/2023 9:30	15.6	15.0	26	0.7	3.4	40	0.2	4.8	32
10/31/2023 9:00	2.8	12.5	35	0.7	2.8	42	0.2	3.7	36
10/31/2023 8:30	2.2	12.1	37	0.7	2.5	58	0.2	3.9	41
10/31/2023 8:00	12.1	14.3	29	0.7	2.2	52	0.2	4.3	36
10/31/2023 7:30	11.3	11.0	31	0.7	2.5	38	0.2	3.9	29
10/31/2023 7:00	1.5	10.3	39	0.7	1.4	61	0.2	3.4	41
10/31/2023 6:30	28.6	12.4	28	0.7	2.2	49	0.2	3.6	28
10/31/2023 6:00	6.0	13.0	32	0.7	3.1	38	0.2	3.6	26
10/31/2023 5:30	19.7	12.5	26	0.7	3.1	43	0.2	3.3	32
10/31/2023 5:00	32.1	12.2	21	0.7	3.6	19	0.2	3.7	18
10/31/2023 4:30	8.8	11.8	32	0.6	2.3	36	0.2	3.2	32
10/31/2023 4:00	2.8	16.0	33	0.6	2.6	50	0.2	4.6	34
10/31/2023 3:30	18.2	16.1	28	0.7	4.5	39	0.2	4.9	31
10/31/2023 3:00	45.3	14.6	22	0.8	4.0	34	0.2	5.2	25
10/31/2023 2:30	42.2	13.6	15	0.8	4.8	22	0.4	3.7	17
10/31/2023 2:00	43.9	11.8	32	0.8	3.9	11	0.6	4.9	12
10/31/2023 1:30	47.0	12.4	16	0.6	3.7	13	AX	4.0	8
10/31/2023 1:00	35.3	8.7	21	AX	2.3	43	0.2	3.0	20
10/31/2023 0:30	AX	7.4	33	1.4	0.8	6	0.7	1.7	24

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
10/31/2023 0:00	11.7	2.4	73	1.6	0.8	75	0.9	0.8	68
10/30/2023 23:30	1.1	1.1	241	3.8	0.6	31	2.1	1.3	338
10/30/2023 23:00	2.0	2.1	131	6.6	0.4	60	2.4	0.7	169
10/30/2023 22:30	6.2	2.4	61	6.3	0.5	70	2.9	0.3	12
10/30/2023 22:00	0.4	1.6	201	16.2	1.0	62	7.2	0.7	27
10/30/2023 21:30	0.6	4.2	228	14.1	1.2	244	8.2	1.0	293
10/30/2023 21:00	0.2	4.3	200	5.2	0.2	36	6.9	0.6	173
10/30/2023 20:30	0.2	4.1	199	4.0	0.3	169	6.0	0.6	154
10/30/2023 20:00	0.2	4.1	203	3.5	0.7	212	6.2	0.7	177
10/30/2023 19:30	0.2	3.0	206	0.7	0.4	241	8.1	0.8	187
10/30/2023 19:00	0.2	2.5	196	0.7	0.2	202	25.4	1.0	202
10/30/2023 18:30	0.2	3.0	201	0.5	0.6	173	42.1	0.5	206
10/30/2023 18:00	0.2	4.6	203	0.4	2.2	213	33.3	1.4	234
10/30/2023 17:30	0.2	5.5	209	1.9	3.2	217	16.3	2.3	238
10/30/2023 17:00	0.2	5.8	220	6.5	5.0	229	1.9	3.4	248
10/30/2023 16:30	0.2	7.0	226	16.2	6.2	239	2.6	3.4	242
10/30/2023 16:00	0.2	7.7	221	4.8	7.1	232	7.7	4.0	229
10/30/2023 15:30	0.2	8.5	220	7.0	6.8	233	1.2	3.9	248
10/30/2023 15:00	0.2	7.9	231	8.5	7.5	238	4.5	3.7	247
10/30/2023 14:30	0.2	8.3	234	7.2	8.0	234	2.6	4.6	241
10/30/2023 14:00	0.2	8.9	226	5.8	8.5	229	1.8	4.5	250
10/30/2023 13:30	0.2	10.3	232	5.0	8.6	232	2.4	6.0	237
10/30/2023 13:00	0.2	10.5	232	2.8	8.9	228	5.7	5.2	228
10/30/2023 12:30	0.2	10.0	219	6.3	8.6	236	2.1	4.6	241
10/30/2023 12:00	0.2	9.2	230	4.7	8.0	232	0.7	5.1	242
10/30/2023 11:30	0.2	10.0	226	3.3	8.0	234	1.1	5.3	235
10/30/2023 11:00	0.2	8.6	229	2.8	6.4	226	0.8	4.6	235
10/30/2023 10:30	0.2	9.5	219	6.1	7.0	233	0.5	3.2	238
10/30/2023 10:00	0.6	9.3	226	4.8	7.6	235	0.2	4.0	245
10/30/2023 9:30	0.5	7.8	217	4.7	5.5	222	0.2	4.2	240
10/30/2023 9:00	0.5	5.9	214	3.3	4.7	216	0.7	4.0	241
10/30/2023 8:30	0.8	4.3	211	1.2	3.0	197	5.7	2.1	222
10/30/2023 8:00	1.2	3.3	206	1.0	2.1	181	6.5	0.7	173
10/30/2023 7:30	0.8	4.1	206	0.7	1.1	192	2.0	1.0	202
10/30/2023 7:00	0.7	3.6	199	0.8	1.4	183	1.0	1.2	190
10/30/2023 6:30	1.1	3.1	194	0.7	1.3	182	1.2	1.0	203
10/30/2023 6:00	0.2	2.3	206	0.6	0.5	165	1.6	0.3	346
10/30/2023 5:30	1.3	2.9	207	0.8	0.9	171	1.0	0.3	24
10/30/2023 5:00	0.5	3.0	221	0.6	0.4	57	0.4	0.3	33
10/30/2023 4:30	0.4	2.4	206	0.6	0.2	60	0.4	0.2	53
10/30/2023 4:00	0.8	2.1	200	0.6	0.4	37	0.2	0.3	61
10/30/2023 3:30	1.0	1.8	203	0.7	0.2	38	0.4	0.3	42
10/30/2023 3:00	0.2	2.9	198	0.6	0.3	355	0.5	0.3	173
10/30/2023 2:30	1.0	3.5	190	0.7	0.4	176	1.1	0.6	184
10/30/2023 2:00	0.2	2.3	202	0.9	0.2	33	4.4	0.2	220
10/30/2023 1:30	0.2	2.5	215	0.6	0.2	327	AX	0.2	214
10/30/2023 1:00	0.6	2.1	200	AX	0.2	358	2.7	0.2	213
10/30/2023 0:30	AX	2.0	200	0.7	0.2	314	3.9	0.4	213

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
10/30/2023 0:00	0.2	2.1	196	1.1	0.2	259	4.9	0.2	199
10/29/2023 23:30	0.2	2.1	192	1.5	0.2	27	4.5	0.3	103
10/29/2023 23:00	0.9	0.7	103	1.9	0.2	194	11.4	0.3	181
10/29/2023 22:30	0.2	2.3	201	1.5	0.2	201	13.3	0.3	230
10/29/2023 22:00	0.2	1.6	186	4.8	0.2	199	11.7	0.2	280
10/29/2023 21:30	0.2	1.5	196	3.1	0.2	199	8.6	0.2	263
10/29/2023 21:00	0.2	2.2	202	1.8	0.2	210	5.7	0.2	204
10/29/2023 20:30	0.2	2.5	227	1.7	0.3	213	5.0	0.4	211
10/29/2023 20:00	0.2	2.4	215	2.1	0.5	325	4.2	0.3	7
10/29/2023 19:30	0.2	2.4	197	2.7	0.2	80	2.5	0.2	34
10/29/2023 19:00	0.2	2.7	218	4.5	0.2	83	1.7	0.2	354
10/29/2023 18:30	0.2	2.3	202	3.5	0.2	90	1.5	0.3	360
10/29/2023 18:00	0.2	2.3	186	3.3	0.3	77	0.6	0.3	291
10/29/2023 17:30	0.5	2.8	205	5.0	1.2	155	0.2	0.3	284
10/29/2023 17:00	0.2	3.6	229	13.2	3.7	230	0.8	1.6	258
10/29/2023 16:30	0.2	6.2	223	7.2	4.8	235	0.4	2.7	247
10/29/2023 16:00	0.2	5.7	233	5.4	5.7	243	0.5	2.7	249
10/29/2023 15:30	0.4	5.9	238	4.5	6.7	244	0.4	2.9	241
10/29/2023 15:00	0.4	6.2	225	6.9	5.4	246	0.6	3.7	238
10/29/2023 14:30	0.2	6.4	233	4.4	6.1	240	0.6	2.9	252
10/29/2023 14:00	0.4	7.9	250	3.1	6.7	246	0.2	3.8	243
10/29/2023 13:30	0.6	9.6	238	4.8	7.2	247	0.2	4.4	255
10/29/2023 13:00	0.7	9.2	247	3.9	7.3	236	0.4	3.7	253
10/29/2023 12:30	1.0	9.0	236	7.1	8.9	243	0.9	4.3	247
10/29/2023 12:00	1.0	8.0	244	5.4	8.7	243	0.2	4.9	244
10/29/2023 11:30	1.7	8.8	228	2.7	7.4	236	0.2	4.3	246
10/29/2023 11:00	2.1	7.1	231	5.0	7.6	241	1.7	3.2	238
10/29/2023 10:30	2.9	6.8	219	4.2	6.6	236	4.2	3.4	235
10/29/2023 10:00	8.4	5.0	199	0.9	4.4	214	6.1	3.4	216
10/29/2023 9:30	6.3	3.9	196	0.8	4.1	215	5.2	2.8	203
10/29/2023 9:00	9.7	4.3	204	0.8	4.0	208	4.0	2.3	204
10/29/2023 8:30	14.6	3.2	203	1.1	2.4	199	2.6	1.1	202
10/29/2023 8:00	8.8	1.9	208	0.7	0.4	259	0.4	0.3	154
10/29/2023 7:30	6.0	0.9	191	0.7	0.3	53	0.2	0.2	74
10/29/2023 7:00	2.1	1.3	194	0.6	0.2	348	0.5	0.2	9
10/29/2023 6:30	0.2	1.3	202	0.6	0.3	48	0.2	0.2	61
10/29/2023 6:00	0.5	1.7	210	0.6	0.4	278	0.5	0.3	283
10/29/2023 5:30	10.3	1.7	182	0.6	0.5	206	0.5	0.3	219
10/29/2023 5:00	8.3	0.7	179	0.6	0.2	25	0.2	0.3	8
10/29/2023 4:30	3.1	1.3	205	0.6	0.4	49	0.2	0.2	43
10/29/2023 4:00	0.2	1.2	210	0.7	0.2	292	0.4	0.2	40
10/29/2023 3:30	3.7	1.5	209	0.7	0.2	334	0.5	0.2	138
10/29/2023 3:00	11.5	1.8	192	0.9	0.3	21	0.4	0.3	35
10/29/2023 2:30	3.0	1.3	195	1.2	0.2	26	1.4	0.2	55
10/29/2023 2:00	3.8	1.2	191	2.4	0.2	22	BF	0.2	92
10/29/2023 1:30	2.2	1.4	190	BF	0.2	25	BF	0.2	97
10/29/2023 1:00	BF	1.2	160	BF	0.2	56	0.2	0.4	84
10/29/2023 0:30	BF	1.1	185	0.7	0.2	36	0.9	0.2	45

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
10/29/2023 0:00	3.1	1.9	207	0.6	0.2	32	0.6	0.2	77
10/28/2023 23:30	1.5	2.0	208	0.6	0.2	21	1.0	0.2	343
10/28/2023 23:00	7.1	1.8	206	0.7	0.2	87	1.5	0.2	324
10/28/2023 22:30	1.0	1.9	222	0.7	0.3	279	2.2	0.2	329
10/28/2023 22:00	8.1	1.6	201	0.6	0.2	80	1.6	0.2	22
10/28/2023 21:30	5.0	1.5	200	0.6	0.2	96	0.9	0.2	23
10/28/2023 21:00	16.9	1.6	201	0.6	0.2	89	0.8	0.2	25
10/28/2023 20:30	15.1	1.5	199	0.6	0.2	58	0.8	0.2	25
10/28/2023 20:00	25.4	1.4	194	0.7	0.3	80	1.2	0.2	55
10/28/2023 19:30	1.9	1.4	219	0.7	0.2	59	1.5	0.2	16
10/28/2023 19:00	16.6	1.8	196	0.6	0.3	68	1.1	0.3	53
10/28/2023 18:30	5.3	2.3	198	0.4	0.3	95	1.3	0.3	24
10/28/2023 18:00	8.2	2.1	192	0.2	0.3	120	1.2	0.4	12
10/28/2023 17:30	17.5	2.5	174	0.2	0.3	95	0.4	0.3	231
10/28/2023 17:00	1.5	3.2	189	0.5	1.3	195	0.2	1.5	194
10/28/2023 16:30	1.3	3.5	184	0.5	2.1	208	0.2	1.7	190
10/28/2023 16:00	0.7	2.6	197	0.5	1.6	190	0.9	1.3	183
10/28/2023 15:30	0.6	2.4	210	1.1	2.3	232	0.9	1.3	294
10/28/2023 15:00	0.2	2.3	322	0.9	2.7	312	0.6	1.5	258
10/28/2023 14:30	0.2	3.1	284	0.8	1.8	221	0.4	1.7	195
10/28/2023 14:00	0.2	2.1	267	0.7	2.1	162	0.5	2.0	178
10/28/2023 13:30	0.6	2.5	199	0.7	2.5	201	0.8	2.3	191
10/28/2023 13:00	1.0	3.6	197	0.6	3.6	216	1.1	2.4	210
10/28/2023 12:30	1.3	3.8	198	0.6	2.9	194	1.0	1.8	206
10/28/2023 12:00	0.8	4.4	240	0.7	3.6	233	1.1	1.7	249
10/28/2023 11:30	2.1	4.2	233	0.7	4.3	220	1.0	2.4	224
10/28/2023 11:00	1.3	4.0	225	0.6	3.6	218	0.4	2.3	229
10/28/2023 10:30	1.5	4.1	217	3.9	4.1	247	0.2	2.6	221
10/28/2023 10:00	2.6	3.2	224	4.0	3.5	250	0.5	2.2	215
10/28/2023 9:30	4.7	2.6	208	1.8	2.1	190	3.4	0.2	171
10/28/2023 9:00	8.2	2.3	192	0.5	0.8	196	1.5	0.2	145
10/28/2023 8:30	11.8	1.5	191	0.6	0.2	341	0.2	0.2	81
10/28/2023 8:00	3.6	1.4	200	0.7	0.2	282	0.2	0.2	104
10/28/2023 7:30	5.0	1.1	173	0.6	0.3	27	0.2	0.2	96
10/28/2023 7:00	0.9	1.5	206	0.6	0.3	306	0.2	0.2	31
10/28/2023 6:30	6.8	1.6	197	0.8	0.3	292	0.2	0.2	73
10/28/2023 6:00	0.9	1.5	203	0.8	0.3	271	0.2	0.2	27
10/28/2023 5:30	0.4	1.9	211	0.6	0.2	278	0.2	0.2	114
10/28/2023 5:00	1.2	1.7	194	0.5	0.3	355	0.2	0.2	117
10/28/2023 4:30	2.6	1.6	198	0.6	0.2	32	0.2	0.2	98
10/28/2023 4:00	0.9	2.3	199	0.7	0.5	357	0.2	0.2	85
10/28/2023 3:30	1.1	2.4	197	0.8	0.2	341	0.4	0.2	109
10/28/2023 3:00	3.4	1.3	194	0.9	0.2	44	0.6	0.2	60
10/28/2023 2:30	2.7	1.9	199	0.6	0.2	35	0.2	0.2	36
10/28/2023 2:00	8.9	1.3	200	0.6	0.2	11	0.6	0.2	6
10/28/2023 1:30	12.2	1.4	184	0.2	0.2	11	AX	0.2	123
10/28/2023 1:00	17.6	1.0	166	AX	0.2	27	0.5	0.2	71
10/28/2023 0:30	AX	1.4	191	0.6	0.3	276	0.8	0.2	306

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
10/28/2023 0:00	1.3	1.6	211	0.7	0.4	278	0.9	0.2	189
10/27/2023 23:30	16.9	1.9	191	0.7	0.2	299	0.9	0.2	184
10/27/2023 23:00	17.4	1.8	206	1.0	0.4	345	1.6	0.3	168
10/27/2023 22:30	17.1	1.6	186	1.0	0.3	177	1.9	0.3	230
10/27/2023 22:00	15.1	1.4	208	1.3	0.4	290	2.0	0.3	300
10/27/2023 21:30	23.7	1.9	198	0.9	0.3	183	1.9	0.2	185
10/27/2023 21:00	14.6	1.6	191	0.9	0.3	38	1.8	0.3	290
10/27/2023 20:30	9.0	1.1	176	0.9	0.3	48	1.3	0.3	47
10/27/2023 20:00	1.0	1.9	215	0.8	0.3	335	1.7	0.3	10
10/27/2023 19:30	4.3	1.9	187	0.6	0.2	99	1.2	0.3	61
10/27/2023 19:00	1.6	2.4	225	0.6	0.2	68	2.6	0.4	32
10/27/2023 18:30	0.2	2.7	213	0.7	0.3	73	4.8	0.2	14
10/27/2023 18:00	0.6	2.2	203	0.7	0.2	102	7.7	0.3	290
10/27/2023 17:30	1.8	3.2	180	0.5	1.6	168	6.1	0.4	267
10/27/2023 17:00	6.8	3.1	193	0.5	1.5	196	6.8	0.5	251
10/27/2023 16:30	5.8	2.3	184	1.9	2.4	204	2.3	1.1	225
10/27/2023 16:00	1.3	3.1	234	0.9	4.3	227	2.7	2.3	227
10/27/2023 15:30	1.4	5.2	193	0.5	3.7	209	0.9	2.1	210
10/27/2023 15:00	0.4	6.0	201	0.5	4.6	226	1.4	3.3	206
10/27/2023 14:30	0.9	5.0	201	0.6	3.8	204	0.7	2.0	288
10/27/2023 14:00	0.7	3.6	265	0.5	2.0	296	0.2	0.9	64
10/27/2023 13:30	0.2	5.6	316	0.5	3.4	304	0.2	0.6	325
10/27/2023 13:00	1.9	3.8	195	1.2	2.8	322	0.4	1.7	354
10/27/2023 12:30	0.4	2.7	318	1.1	3.2	236	4.1	2.3	208
10/27/2023 12:00	3.6	2.7	198	1.3	2.2	180	4.0	1.8	80
10/27/2023 11:30	0.8	2.3	288	2.1	2.4	274	0.2	1.1	1
10/27/2023 11:00	0.9	4.6	262	2.3	2.6	204	2.0	1.9	336
10/27/2023 10:30	3.4	3.1	184	3.0	2.6	201	5.3	1.3	128
10/27/2023 10:00	10.3	1.3	155	1.8	1.2	141	1.1	1.5	30
10/27/2023 9:30	27.8	0.8	45	1.1	0.6	70	1.3	1.2	34
10/27/2023 9:00	46.5	0.9	22	1.1	0.6	15	1.7	1.1	27
10/27/2023 8:30	38.2	0.5	53	0.9	0.7	346	0.8	0.6	87
10/27/2023 8:00	27.1	0.9	51	1.6	1.0	7	0.6	0.5	71
10/27/2023 7:30	8.5	1.0	339	1.7	0.6	30	3.3	0.6	19
10/27/2023 7:00	2.4	0.9	177	1.1	0.7	23	1.0	0.5	23
10/27/2023 6:30	0.7	1.0	201	0.9	0.6	13	0.7	0.3	24
10/27/2023 6:00	2.7	0.7	191	0.7	0.3	12	0.8	0.2	35
10/27/2023 5:30	1.1	1.6	201	0.6	0.3	355	0.4	0.3	354
10/27/2023 5:00	2.6	1.0	183	0.8	0.3	44	0.2	0.2	61
10/27/2023 4:30	3.5	1.2	174	1.0	0.2	15	0.4	0.3	56
10/27/2023 4:00	2.4	1.2	180	0.9	0.2	24	0.7	0.2	44
10/27/2023 3:30	2.3	1.3	197	0.8	0.2	6	0.7	0.2	17
10/27/2023 3:00	0.6	1.2	195	0.9	0.2	10	0.7	0.3	2
10/27/2023 2:30	2.0	1.1	164	1.0	0.2	29	0.9	0.3	68
10/27/2023 2:00	1.4	1.2	194	0.9	0.4	33	0.9	0.5	19
10/27/2023 1:30	1.9	1.2	181	0.7	0.2	29	AX	0.2	34
10/27/2023 1:00	1.1	1.8	197	AX	0.4	32	0.9	0.2	8
10/27/2023 0:30	AX	1.6	198	0.9	0.2	16	0.7	0.2	31

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
EC	EXCEED CRITICAL CRITERIA