



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 27, 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
10/20/2023 00:00	10/26/2023 23:59	4.8	0.9	0.7

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

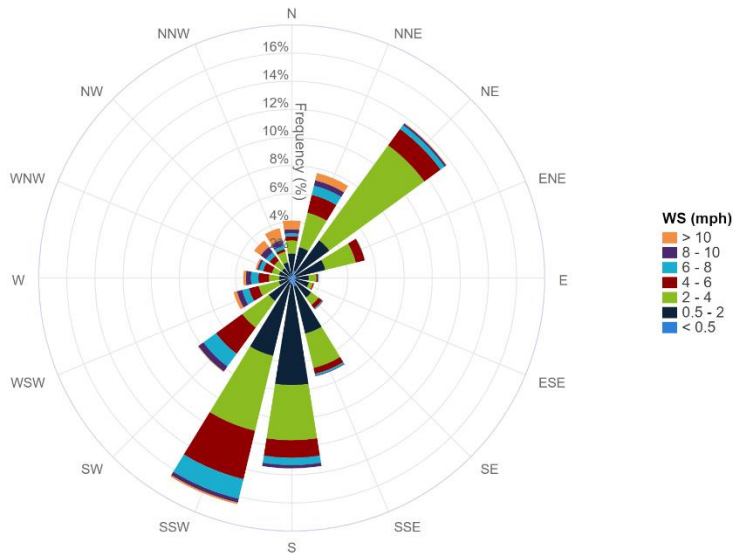
Attachments:

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 10/20/2023 00:00 to 10/26/2023 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
					00:00 – 24:00			
10/14/2023 00:00	10/20/2023 23:59	2.6	0.8	0.6	10/20/2023	0.5	0.9	1.9
10/15/2023 00:00	10/21/2023 23:59	2.2	1.0	0.8	10/21/2023	0.2	2.3	1.6
10/16/2023 00:00	10/22/2023 23:59	2.3	1.0	0.8	10/22/2023	3.4	1.1	0.5
10/17/2023 00:00	10/23/2023 23:59	2.9	1.0	0.8	10/23/2023	6.0	0.5	0.2
10/18/2023 00:00	10/24/2023 23:59	3.6	0.9	0.8	10/24/2023	7.9	0.4	0.2
10/19/2023 00:00	10/25/2023 23:59	4.4	0.9	0.8	10/25/2023	10.5	0.7	0.3
10/20/2023 00:00	10/26/2023 23:59	4.8	0.9	0.7	10/26/2023	4.8	0.6	0.3

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
10/27/2023 0:00	3.1	0.8	164	1.2	0.2	42	0.9	0.2	33
10/26/2023 23:30	1.5	1.2	207	0.9	0.5	42	0.8	0.6	349
10/26/2023 23:00	0.2	1.7	215	1.1	0.3	297	1.6	0.5	289
10/26/2023 22:30	0.6	1.6	209	0.8	0.2	289	0.9	0.2	237
10/26/2023 22:00	0.6	1.7	210	0.7	0.2	24	0.2	0.2	14
10/26/2023 21:30	3.1	1.1	175	0.7	0.3	37	0.5	0.3	58
10/26/2023 21:00	2.2	1.3	194	0.5	0.2	59	0.4	0.3	40
10/26/2023 20:30	0.9	1.2	187	0.2	0.2	56	0.2	0.2	10
10/26/2023 20:00	0.7	1.3	175	0.6	0.2	75	0.2	0.2	334
10/26/2023 19:30	1.3	1.8	208	0.5	0.2	56	0.2	0.3	354
10/26/2023 19:00	0.9	2.2	213	0.4	0.3	65	0.2	0.2	15
10/26/2023 18:30	0.2	2.1	215	0.5	0.6	175	0.2	0.3	23
10/26/2023 18:00	0.7	2.8	162	0.7	0.8	92	0.2	0.4	43
10/26/2023 17:30	0.8	2.5	154	0.2	0.7	126	0.2	0.3	230
10/26/2023 17:00	1.8	2.6	175	0.2	0.9	181	0.2	1.2	188
10/26/2023 16:30	0.4	3.9	157	0.4	1.4	197	0.6	1.6	188
10/26/2023 16:00	0.2	4.9	176	0.4	2.5	164	0.2	2.5	167
10/26/2023 15:30	0.2	3.7	187	0.5	1.3	117	0.2	1.6	129
10/26/2023 15:00	0.4	4.0	212	0.5	1.8	155	0.2	2.4	194
10/26/2023 14:30	0.6	4.5	192	0.5	1.6	141	0.2	2.1	158
10/26/2023 14:00	0.2	4.2	156	0.5	1.9	95	0.2	2.0	133
10/26/2023 13:30	0.4	3.2	151	0.5	2.2	158	0.2	1.9	150
10/26/2023 13:00	0.2	3.8	104	0.5	2.1	227	1.2	1.8	68
10/26/2023 12:30	0.2	3.5	166	0.4	2.0	178	0.2	2.8	200
10/26/2023 12:00	0.5	4.2	153	0.4	2.0	142	0.2	1.7	202
10/26/2023 11:30	0.2	2.9	299	0.2	1.8	144	0.2	2.0	154
10/26/2023 11:00	0.4	1.7	348	0.4	1.6	165	0.2	1.7	55
10/26/2023 10:30	2.7	1.5	1	0.5	1.3	61	0.2	1.0	42
10/26/2023 10:00	8.2	2.0	32	0.6	1.4	354	0.2	1.1	19
10/26/2023 9:30	9.2	2.4	41	0.6	2.0	351	0.2	1.1	20
10/26/2023 9:00	6.1	2.2	42	0.7	0.5	339	0.2	0.5	109
10/26/2023 8:30	29.7	1.8	63	0.7	0.3	347	0.2	0.6	57
10/26/2023 8:00	19.6	2.1	37	0.6	1.1	330	0.2	0.7	16
10/26/2023 7:30	23.3	2.8	50	0.6	0.4	23	0.2	0.5	57
10/26/2023 7:00	15.1	2.5	52	0.6	0.9	359	0.2	0.3	24
10/26/2023 6:30	10.0	2.6	51	0.7	0.8	10	0.2	0.3	44
10/26/2023 6:00	13.0	2.6	49	0.7	0.9	11	0.2	0.3	25
10/26/2023 5:30	12.8	2.3	53	0.6	0.3	34	0.2	0.2	18
10/26/2023 5:00	10.3	1.6	50	0.7	0.9	349	0.2	0.2	17
10/26/2023 4:30	12.1	1.3	54	0.5	0.3	2	0.2	0.2	29
10/26/2023 4:00	10.7	1.0	33	0.5	0.8	357	0.2	0.2	32
10/26/2023 3:30	9.2	0.5	13	0.7	0.7	11	0.2	0.2	27
10/26/2023 3:00	2.3	0.6	134	0.6	0.3	13	0.2	0.2	36
10/26/2023 2:30	2.4	0.8	191	0.6	0.2	26	0.2	0.2	37
10/26/2023 2:00	2.0	1.0	203	0.7	0.2	28	0.4	0.2	37
10/26/2023 1:30	1.8	1.0	201	0.2	0.2	14	AX	0.2	13
10/26/2023 1:00	1.7	0.9	191	AX	0.2	6	0.2	0.2	2
10/26/2023 0:30	AX	0.7	178	0.6	0.2	24	0.2	0.2	55

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
10/26/2023 0:00	1.5	1.1	184	0.5	0.3	13	0.2	0.2	112
10/25/2023 23:30	1.4	1.4	193	0.5	0.3	31	0.2	0.2	41
10/25/2023 23:00	1.1	1.3	198	0.5	0.2	22	0.2	0.2	14
10/25/2023 22:30	1.1	1.1	196	0.4	0.2	29	0.2	0.2	9
10/25/2023 22:00	1.2	1.1	187	0.5	0.2	36	0.2	0.2	50
10/25/2023 21:30	1.6	0.8	161	0.4	0.3	56	0.2	0.2	27
10/25/2023 21:00	0.8	1.0	183	0.4	0.3	26	0.2	0.2	1
10/25/2023 20:30	0.7	1.2	148	0.6	0.4	346	0.2	0.3	35
10/25/2023 20:00	0.4	1.0	107	0.6	0.2	19	0.2	0.3	356
10/25/2023 19:30	0.2	1.0	185	0.7	0.2	41	0.2	0.4	354
10/25/2023 19:00	0.2	1.4	181	0.7	0.4	63	0.2	0.4	32
10/25/2023 18:30	0.2	1.5	167	0.9	0.2	65	0.5	0.3	333
10/25/2023 18:00	0.2	2.4	194	0.9	0.3	65	0.6	0.5	347
10/25/2023 17:30	0.2	1.0	151	1.0	0.3	69	0.7	0.3	299
10/25/2023 17:00	0.2	0.7	213	1.0	0.7	76	1.0	0.6	232
10/25/2023 16:30	0.2	1.8	210	1.4	1.3	288	0.6	0.8	227
10/25/2023 16:00	0.2	3.3	197	1.2	2.2	269	1.1	1.5	217
10/25/2023 15:30	0.2	1.5	307	0.8	2.1	256	0.6	1.2	332
10/25/2023 15:00	0.2	1.8	238	0.6	2.0	359	0.2	1.6	42
10/25/2023 14:30	0.2	2.2	157	0.8	2.8	354	0.2	1.8	136
10/25/2023 14:00	0.2	2.7	327	1.0	1.8	14	0.5	2.0	17
10/25/2023 13:30	0.2	2.0	314	1.0	2.5	268	0.8	1.6	296
10/25/2023 13:00	0.5	2.3	16	0.9	2.9	246	0.2	1.6	27
10/25/2023 12:30	0.8	2.4	330	0.4	1.6	185	0.2	1.9	33
10/25/2023 12:00	0.8	1.8	353	0.5	1.8	60	0.2	1.4	34
10/25/2023 11:30	0.5	2.3	359	0.4	1.8	8	0.2	1.4	52
10/25/2023 11:00	3.2	2.0	27	0.5	1.5	23	0.2	1.4	3
10/25/2023 10:30	11.6	2.8	38	0.6	1.5	40	0.2	1.5	359
10/25/2023 10:00	19.6	2.4	51	0.7	1.3	15	0.2	1.1	353
10/25/2023 9:30	30.2	2.0	44	1.0	1.2	1	0.2	1.2	12
10/25/2023 9:00	23.1	1.5	58	1.0	0.6	344	0.4	0.7	335
10/25/2023 8:30	15.4	3.0	50	0.9	1.2	358	0.6	1.2	53
10/25/2023 8:00	19.2	5.3	56	0.8	0.3	21	0.2	0.8	43
10/25/2023 7:30	34.2	4.2	39	0.6	0.3	23	0.2	0.4	21
10/25/2023 7:00	27.1	3.7	34	0.5	1.0	345	0.2	0.2	56
10/25/2023 6:30	20.5	3.4	49	0.5	0.9	356	0.2	0.4	76
10/25/2023 6:00	22.7	3.9	43	0.5	0.7	15	0.2	0.5	34
10/25/2023 5:30	36.5	3.3	41	0.5	0.5	20	0.2	0.4	35
10/25/2023 5:00	36.2	2.8	46	0.5	0.3	18	0.2	0.4	43
10/25/2023 4:30	44.6	2.9	38	0.5	0.5	2	0.2	0.3	8
10/25/2023 4:00	17.1	3.0	44	0.4	1.2	348	0.2	0.2	31
10/25/2023 3:30	12.7	3.2	44	0.4	1.2	357	0.2	0.4	27
10/25/2023 3:00	22.2	3.5	41	0.5	0.8	2	0.2	0.3	29
10/25/2023 2:30	30.5	2.9	49	0.5	1.0	14	0.2	0.4	64
10/25/2023 2:00	22.9	2.2	46	0.6	0.7	29	0.2	0.5	16
10/25/2023 1:30	20.6	1.0	71	0.7	0.2	30	AX	0.2	24
10/25/2023 1:00	6.6	0.4	215	AX	0.5	14	0.2	0.2	345
10/25/2023 0:30	AX	0.4	213	0.2	0.6	5	0.2	0.2	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
10/25/2023 0:00	2.7	0.7	143	0.2	0.6	354	0.2	0.2	25
10/24/2023 23:30	2.8	0.5	213	0.2	0.3	337	0.2	0.3	41
10/24/2023 23:00	3.0	0.6	72	0.4	0.3	19	0.2	0.3	63
10/24/2023 22:30	2.9	0.7	172	0.4	0.4	21	0.2	0.2	19
10/24/2023 22:00	3.1	1.3	198	0.2	0.2	16	0.2	0.3	347
10/24/2023 21:30	2.0	1.6	190	0.2	0.2	5	0.2	0.2	303
10/24/2023 21:00	0.9	1.7	163	0.5	0.4	6	0.2	0.2	350
10/24/2023 20:30	0.7	1.8	120	0.5	0.3	49	0.2	0.3	9
10/24/2023 20:00	0.4	1.1	181	0.6	0.3	53	0.2	0.3	6
10/24/2023 19:30	0.2	1.5	186	0.6	0.2	360	0.2	0.3	352
10/24/2023 19:00	0.2	1.8	180	0.6	0.2	83	0.2	0.3	26
10/24/2023 18:30	0.2	1.5	156	0.7	0.4	74	0.2	0.5	47
10/24/2023 18:00	0.2	2.1	200	0.5	0.2	66	0.2	0.4	5
10/24/2023 17:30	0.2	1.9	120	0.4	0.5	66	0.2	0.3	333
10/24/2023 17:00	0.2	2.5	79	0.2	0.3	77	0.2	0.3	81
10/24/2023 16:30	0.2	3.2	57	0.4	0.8	50	0.2	0.8	91
10/24/2023 16:00	0.2	3.3	53	0.4	1.1	60	0.2	1.8	94
10/24/2023 15:30	0.2	3.1	83	0.2	1.6	2	0.2	1.4	34
10/24/2023 15:00	0.2	2.8	51	0.2	1.6	57	0.2	2.4	115
10/24/2023 14:30	0.2	1.9	22	0.2	2.0	152	0.2	2.3	64
10/24/2023 14:00	0.2	2.8	73	0.4	1.8	153	0.2	1.9	65
10/24/2023 13:30	0.2	4.3	32	0.2	2.5	344	0.2	1.8	55
10/24/2023 13:00	0.2	4.5	19	0.2	1.6	73	0.2	1.9	157
10/24/2023 12:30	0.2	6.0	23	0.2	2.2	350	0.2	1.5	48
10/24/2023 12:00	0.2	4.4	18	0.2	1.6	121	0.2	2.0	39
10/24/2023 11:30	0.7	2.5	340	0.4	1.6	195	0.2	1.8	15
10/24/2023 11:00	0.2	3.0	345	0.4	1.6	331	0.2	1.1	94
10/24/2023 10:30	0.4	2.0	348	0.5	1.3	100	0.2	0.9	38
10/24/2023 10:00	1.9	1.3	340	0.8	0.6	69	0.2	0.7	25
10/24/2023 9:30	4.5	2.0	27	0.9	1.0	0	0.2	1.3	18
10/24/2023 9:00	11.4	2.3	40	0.8	1.2	358	0.2	1.5	8
10/24/2023 8:30	27.5	1.3	22	0.6	0.6	354	0.2	1.2	16
10/24/2023 8:00	14.7	1.5	54	0.6	0.5	322	0.2	0.4	207
10/24/2023 7:30	20.1	3.3	46	0.5	0.5	10	0.2	0.5	49
10/24/2023 7:00	17.0	3.5	47	0.2	0.3	28	0.2	0.7	24
10/24/2023 6:30	30.7	2.2	29	0.2	0.7	331	0.2	0.3	322
10/24/2023 6:00	15.7	4.0	47	0.2	0.4	13	0.2	0.6	32
10/24/2023 5:30	11.3	3.2	46	0.2	1.1	346	0.2	0.4	21
10/24/2023 5:00	23.8	1.8	29	0.5	0.9	7	0.2	0.4	28
10/24/2023 4:30	20.3	2.2	48	0.2	0.7	356	0.2	0.3	81
10/24/2023 4:00	21.0	2.8	46	0.2	0.9	16	0.2	0.6	30
10/24/2023 3:30	20.6	1.0	342	0.2	0.6	353	0.2	0.4	31
10/24/2023 3:00	26.8	2.1	43	0.4	0.4	11	0.2	0.4	42
10/24/2023 2:30	28.0	2.2	35	0.5	0.4	8	0.2	0.5	31
10/24/2023 2:00	26.7	2.2	51	0.6	0.4	6	0.2	0.4	20
10/24/2023 1:30	11.8	1.7	50	0.7	0.7	357	AX	0.2	23
10/24/2023 1:00	14.6	1.1	3	AX	0.4	1	0.2	0.2	325
10/24/2023 0:30	AX	1.1	62	0.4	0.4	352	0.2	0.2	58

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
10/24/2023 0:00	11.4	1.2	78	0.4	0.3	31	0.2	0.2	17
10/23/2023 23:30	5.1	0.4	239	0.5	0.8	3	0.2	0.2	11
10/23/2023 23:00	1.7	0.8	156	0.6	0.4	28	0.2	0.3	26
10/23/2023 22:30	1.6	0.7	183	0.6	0.3	35	0.2	0.3	15
10/23/2023 22:00	1.0	1.1	186	0.5	0.4	17	0.2	0.2	339
10/23/2023 21:30	0.7	1.7	205	0.2	0.4	12	0.2	0.3	311
10/23/2023 21:00	0.4	1.5	178	0.4	0.5	354	0.2	0.3	123
10/23/2023 20:30	0.2	1.1	129	0.4	0.4	40	0.2	0.4	360
10/23/2023 20:00	0.2	1.0	162	0.6	0.4	28	0.2	0.3	11
10/23/2023 19:30	0.2	1.0	174	0.6	0.2	38	0.2	0.2	1
10/23/2023 19:00	0.2	1.6	180	0.5	0.2	65	0.2	0.2	332
10/23/2023 18:30	0.2	1.8	190	0.4	0.2	85	0.2	0.2	328
10/23/2023 18:00	0.2	2.3	195	0.4	0.2	121	0.2	0.3	303
10/23/2023 17:30	0.2	2.1	138	0.4	0.4	79	0.2	0.3	188
10/23/2023 17:00	0.2	2.0	104	0.2	0.6	79	0.2	0.5	150
10/23/2023 16:30	0.2	2.5	73	0.2	0.7	82	0.2	1.1	51
10/23/2023 16:00	0.2	4.7	43	0.2	1.1	49	0.2	1.7	61
10/23/2023 15:30	0.2	4.6	37	0.4	1.9	41	0.2	2.2	52
10/23/2023 15:00	0.2	3.8	49	0.2	1.5	37	0.2	2.4	48
10/23/2023 14:30	0.2	1.3	39	0.4	2.4	42	0.2	2.3	47
10/23/2023 14:00	0.2	2.8	15	0.2	2.1	351	0.2	1.9	24
10/23/2023 13:30	0.2	3.5	41	0.2	2.8	313	0.2	1.5	46
10/23/2023 13:00	0.4	4.1	39	0.4	2.5	357	0.2	2.2	57
10/23/2023 12:30	0.2	3.0	44	0.4	2.2	48	0.2	2.5	22
10/23/2023 12:00	0.2	6.2	53	0.4	1.8	97	0.2	2.7	80
10/23/2023 11:30	0.2	6.8	32	0.4	1.8	59	0.2	3.0	85
10/23/2023 11:00	0.5	6.0	30	0.5	2.1	71	0.2	2.1	41
10/23/2023 10:30	0.8	1.4	358	0.5	1.8	15	0.2	1.7	94
10/23/2023 10:00	1.9	1.8	2	0.7	1.0	318	0.2	1.0	97
10/23/2023 9:30	11.3	1.7	4	0.8	1.1	127	0.2	1.0	173
10/23/2023 9:00	31.4	1.2	44	0.8	0.8	356	0.2	0.5	157
10/23/2023 8:30	34.4	1.0	184	0.6	0.5	117	0.2	0.4	153
10/23/2023 8:00	11.4	0.8	206	0.6	0.4	19	0.2	0.4	14
10/23/2023 7:30	10.2	1.0	205	0.4	0.6	334	0.2	0.2	152
10/23/2023 7:00	9.7	1.6	54	0.5	0.6	344	0.2	0.2	57
10/23/2023 6:30	9.8	1.9	54	0.5	0.6	12	0.2	0.2	265
10/23/2023 6:00	11.3	1.0	42	0.4	0.6	15	0.2	0.3	248
10/23/2023 5:30	9.1	2.4	51	0.2	0.5	21	0.2	0.3	184
10/23/2023 5:00	4.4	11.7	38	0.4	0.5	24	0.2	0.5	23
10/23/2023 4:30	5.4	5.0	44	0.4	1.0	21	0.2	0.4	40
10/23/2023 4:00	21.9	2.1	21	0.5	0.9	27	0.2	0.5	11
10/23/2023 3:30	10.8	0.6	77	0.5	0.7	4	0.2	0.3	23
10/23/2023 3:00	11.8	1.1	135	0.5	0.5	27	0.2	0.3	50
10/23/2023 2:30	9.4	1.2	118	0.6	0.3	37	0.4	0.3	323
10/23/2023 2:00	19.0	2.9	45	0.8	0.7	38	0.2	0.5	15
10/23/2023 1:30	18.5	1.1	61	0.8	0.4	44	AX	0.5	308
10/23/2023 1:00	15.0	1.3	101	AX	0.7	38	0.7	0.5	308
10/23/2023 0:30	AX	1.3	181	0.8	0.5	350	0.7	0.5	191

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
10/23/2023 0:00	13.2	2.6	78	1.3	1.3	49	0.5	0.9	32
10/22/2023 23:30	10.5	1.3	108	0.9	0.3	51	0.5	0.2	253
10/22/2023 23:00	4.4	3.2	198	0.5	0.5	283	0.2	0.6	278
10/22/2023 22:30	10.6	1.3	146	0.5	0.7	50	0.2	0.4	254
10/22/2023 22:00	7.5	2.2	171	0.6	0.8	95	0.2	0.9	229
10/22/2023 21:30	9.1	1.4	166	0.6	1.1	21	0.2	0.7	317
10/22/2023 21:00	14.5	2.7	277	0.8	1.1	32	0.2	0.5	1
10/22/2023 20:30	23.6	4.2	39	0.7	1.6	47	0.2	0.9	36
10/22/2023 20:00	4.6	2.6	165	0.7	0.8	124	0.2	1.0	109
10/22/2023 19:30	1.9	1.5	352	0.6	0.9	27	0.2	0.8	318
10/22/2023 19:00	3.1	3.0	172	0.6	0.5	133	0.2	0.6	184
10/22/2023 18:30	4.5	3.2	201	0.6	0.3	60	0.2	0.5	359
10/22/2023 18:00	4.9	2.4	204	0.6	0.3	55	0.2	0.4	333
10/22/2023 17:30	17.1	3.8	21	0.7	0.7	17	0.2	0.5	326
10/22/2023 17:00	11.4	7.6	13	0.6	2.2	359	0.2	1.7	349
10/22/2023 16:30	4.7	9.5	14	0.5	4.2	347	0.2	3.2	355
10/22/2023 16:00	1.0	9.6	4	0.5	4.3	357	0.2	2.8	359
10/22/2023 15:30	0.6	10.9	349	0.5	5.0	340	0.2	3.5	352
10/22/2023 15:00	0.8	9.9	346	0.5	5.4	323	0.2	2.3	343
10/22/2023 14:30	0.5	9.7	344	0.5	5.6	315	0.2	2.0	338
10/22/2023 14:00	0.4	11.2	343	0.5	5.6	298	0.2	2.0	338
10/22/2023 13:30	0.2	10.0	338	0.5	6.1	322	0.2	2.6	355
10/22/2023 13:00	0.2	10.6	334	0.5	4.9	358	0.2	3.2	1
10/22/2023 12:30	0.2	10.3	326	0.5	4.9	0	0.2	4.4	8
10/22/2023 12:00	0.6	9.4	343	0.6	5.3	312	0.2	2.3	344
10/22/2023 11:30	0.2	11.2	334	0.6	5.6	318	0.2	2.4	349
10/22/2023 11:00	0.5	10.6	345	0.5	5.8	324	0.2	4.2	352
10/22/2023 10:30	0.5	12.2	341	0.6	5.4	323	0.2	3.3	347
10/22/2023 10:00	0.5	9.7	332	0.6	4.9	327	0.2	2.5	341
10/22/2023 9:30	0.2	5.5	314	0.6	3.1	334	0.2	1.4	340
10/22/2023 9:00	0.6	7.1	319	0.6	2.4	350	0.2	1.8	340
10/22/2023 8:30	0.2	2.0	284	1.2	0.7	73	0.2	1.0	18
10/22/2023 8:00	0.2	1.1	165	0.8	0.6	6	0.2	0.6	97
10/22/2023 7:30	0.2	2.3	214	0.7	0.5	39	0.2	0.6	88
10/22/2023 7:00	0.2	1.6	168	0.7	0.3	145	0.2	0.5	280
10/22/2023 6:30	0.4	1.0	230	0.8	0.7	34	0.2	0.5	295
10/22/2023 6:00	0.9	2.2	6	0.9	1.2	51	0.2	0.5	185
10/22/2023 5:30	0.7	1.9	124	2.1	1.2	54	0.5	0.7	241
10/22/2023 5:00	0.2	2.9	169	7.6	1.5	316	0.6	0.8	119
10/22/2023 4:30	0.2	3.3	163	5.7	2.6	278	0.5	0.9	206
10/22/2023 4:00	0.2	3.5	168	3.0	2.4	222	0.5	1.2	227
10/22/2023 3:30	0.2	3.4	183	1.1	3.3	219	0.4	3.0	237
10/22/2023 3:00	0.2	4.0	196	0.9	2.7	212	0.8	2.8	239
10/22/2023 2:30	0.2	4.0	203	1.1	1.6	204	2.1	1.8	225
10/22/2023 2:00	0.4	3.8	201	2.1	1.3	159	BF	1.0	206
10/22/2023 1:30	0.8	4.4	219	BF	2.9	164	BF	1.2	194
10/22/2023 1:00	BF	5.0	217	BF	1.9	177	4.0	1.2	188
10/22/2023 0:30	BF	5.1	209	0.9	2.0	195	5.8	2.3	205

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
10/22/2023 0:00	0.2	5.4	211	1.4	2.7	203	2.8	3.3	236
10/21/2023 23:30	0.2	5.7	213	1.3	3.4	201	1.1	2.8	238
10/21/2023 23:00	0.2	5.4	215	1.7	3.0	199	6.8	2.4	235
10/21/2023 22:30	0.2	5.7	217	1.6	2.6	208	12.2	2.3	217
10/21/2023 22:00	0.2	6.4	215	1.2	1.6	222	7.7	2.2	212
10/21/2023 21:30	0.2	4.6	209	1.0	0.8	220	2.8	1.4	197
10/21/2023 21:00	0.2	5.0	213	1.0	0.8	192	2.5	1.3	179
10/21/2023 20:30	0.2	4.2	214	0.8	0.3	86	1.1	0.5	138
10/21/2023 20:00	0.2	2.5	205	0.6	0.3	105	1.6	0.3	22
10/21/2023 19:30	0.2	2.5	204	0.6	0.2	71	2.8	0.4	96
10/21/2023 19:00	0.2	2.7	206	0.6	0.2	234	8.0	0.3	214
10/21/2023 18:30	0.2	3.2	203	0.6	1.1	180	13.4	0.4	192
10/21/2023 18:00	0.2	4.9	211	0.6	1.7	188	5.5	0.5	222
10/21/2023 17:30	0.2	4.7	212	0.8	3.1	210	0.2	2.0	242
10/21/2023 17:00	0.2	4.8	224	1.2	4.7	227	0.2	1.8	252
10/21/2023 16:30	0.2	5.9	213	3.9	5.7	232	0.2	2.3	250
10/21/2023 16:00	0.2	5.8	235	3.1	5.8	262	0.2	3.2	251
10/21/2023 15:30	0.2	8.1	268	3.0	5.8	255	0.2	2.1	274
10/21/2023 15:00	0.2	6.6	253	3.1	6.8	245	0.2	2.7	243
10/21/2023 14:30	0.2	7.8	254	2.5	6.7	269	0.2	2.1	290
10/21/2023 14:00	0.2	8.4	260	2.2	6.8	266	0.2	3.2	253
10/21/2023 13:30	0.2	8.0	240	3.0	6.9	251	0.2	2.6	266
10/21/2023 13:00	0.2	8.9	262	2.0	6.3	262	0.2	2.5	273
10/21/2023 12:30	0.2	7.5	281	1.4	6.3	268	0.2	2.8	268
10/21/2023 12:00	0.2	8.4	275	1.4	6.5	271	0.2	2.1	278
10/21/2023 11:30	0.2	7.3	270	1.9	6.8	258	0.2	2.7	257
10/21/2023 11:00	0.2	7.3	280	1.3	6.5	278	0.2	2.5	260
10/21/2023 10:30	0.2	4.7	242	2.9	5.2	255	0.2	2.9	250
10/21/2023 10:00	0.2	5.5	258	3.0	5.6	257	0.2	2.2	263
10/21/2023 9:30	0.2	5.1	273	2.5	4.9	269	0.2	1.1	295
10/21/2023 9:00	0.2	3.6	250	2.1	3.3	272	0.2	0.9	322
10/21/2023 8:30	0.2	2.4	245	5.1	2.2	287	0.2	1.0	30
10/21/2023 8:00	0.2	3.4	246	6.1	3.5	273	0.2	0.6	176
10/21/2023 7:30	0.2	3.1	201	6.7	3.5	263	0.2	2.3	252
10/21/2023 7:00	0.2	2.6	164	0.8	1.4	204	0.2	0.7	338
10/21/2023 6:30	0.2	3.3	159	5.5	1.3	241	0.2	0.5	223
10/21/2023 6:00	0.2	3.1	170	3.2	1.1	290	0.2	0.4	216
10/21/2023 5:30	0.2	3.2	208	1.3	2.3	281	0.2	0.5	246
10/21/2023 5:00	0.2	2.9	241	0.6	1.2	323	0.2	0.4	55
10/21/2023 4:30	0.2	2.3	185	1.9	0.9	338	0.2	0.5	259
10/21/2023 4:00	0.2	3.3	191	4.0	0.9	245	0.2	0.6	340
10/21/2023 3:30	0.2	3.0	214	4.7	0.7	253	0.2	0.7	251
10/21/2023 3:00	0.2	3.4	230	4.7	1.4	283	0.2	0.5	248
10/21/2023 2:30	0.2	4.4	268	0.6	1.5	352	0.2	0.4	11
10/21/2023 2:00	0.2	3.1	283	1.6	2.7	302	0.2	0.3	290
10/21/2023 1:30	0.2	4.1	246	7.0	3.2	279	AX	0.6	300
10/21/2023 1:00	0.4	3.2	240	AX	1.6	305	0.2	0.3	247
10/21/2023 0:30	AX	2.7	260	0.7	1.3	2	0.2	0.4	154

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
10/21/2023 0:00	0.2	1.7	233	0.9	0.6	12	0.2	0.3	19
10/20/2023 23:30	0.2	0.8	240	0.7	0.7	278	0.2	1.2	221
10/20/2023 23:00	0.2	3.3	265	0.6	0.9	36	0.4	0.4	125
10/20/2023 22:30	0.2	4.1	260	0.7	0.7	332	0.6	0.5	261
10/20/2023 22:00	0.2	5.6	298	0.8	0.6	15	0.8	0.5	318
10/20/2023 21:30	1.7	3.7	276	0.9	0.4	330	0.8	0.2	241
10/20/2023 21:00	0.2	2.3	287	1.1	0.7	44	1.0	0.4	158
10/20/2023 20:30	1.9	1.8	213	1.7	0.6	66	1.9	0.6	186
10/20/2023 20:00	6.3	2.3	6	1.2	1.0	22	2.3	1.0	304
10/20/2023 19:30	0.2	1.9	178	0.7	0.7	73	1.9	0.5	237
10/20/2023 19:00	0.4	3.1	209	0.7	0.6	87	2.0	0.3	283
10/20/2023 18:30	0.4	1.1	112	0.6	0.5	86	0.6	0.6	253
10/20/2023 18:00	0.2	2.6	190	0.6	0.6	84	0.4	0.7	160
10/20/2023 17:30	0.2	4.8	191	0.9	2.3	209	0.5	2.0	194
10/20/2023 17:00	0.4	6.4	152	0.8	1.4	142	0.2	1.6	177
10/20/2023 16:30	0.2	4.0	235	0.7	2.3	154	0.2	2.1	177
10/20/2023 16:00	0.2	11.0	277	0.8	6.2	297	0.9	3.7	303
10/20/2023 15:30	0.2	5.5	194	0.7	4.1	220	3.2	3.5	197
10/20/2023 15:00	0.2	6.3	213	0.9	5.1	225	3.3	2.7	230
10/20/2023 14:30	0.2	5.6	222	1.7	5.1	234	1.2	3.4	241
10/20/2023 14:00	0.2	7.3	219	1.1	6.2	229	4.5	3.1	231
10/20/2023 13:30	0.4	7.4	218	1.2	5.9	224	3.8	3.6	230
10/20/2023 13:00	0.2	8.1	238	1.9	5.7	226	0.5	2.9	245
10/20/2023 12:30	0.4	5.2	225	1.1	4.4	221	1.7	2.9	238
10/20/2023 12:00	0.7	6.9	220	0.8	5.4	225	3.6	3.5	225
10/20/2023 11:30	0.8	7.4	202	0.6	5.7	219	3.0	4.2	220
10/20/2023 11:00	0.7	5.9	196	0.7	3.9	212	3.1	3.5	211
10/20/2023 10:30	0.4	7.8	178	0.7	3.9	195	1.0	3.0	193
10/20/2023 10:00	0.4	6.2	198	0.7	3.8	202	6.9	2.4	202
10/20/2023 9:30	0.6	7.2	204	0.7	4.8	213	5.0	4.0	217
10/20/2023 9:00	0.7	6.0	196	0.7	4.5	212	4.2	3.1	209
10/20/2023 8:30	0.5	6.7	200	0.7	4.5	217	5.5	3.5	217
10/20/2023 8:00	0.4	5.9	197	0.7	3.6	212	4.0	2.7	210
10/20/2023 7:30	0.5	4.4	195	0.7	2.5	206	1.8	1.8	198
10/20/2023 7:00	0.4	4.3	190	0.6	1.2	186	0.6	0.8	171
10/20/2023 6:30	0.2	4.5	193	0.7	0.7	183	3.2	0.8	160
10/20/2023 6:00	0.2	4.0	198	0.7	0.9	206	1.5	0.5	172
10/20/2023 5:30	0.2	3.0	197	0.9	0.8	201	3.8	0.7	169
10/20/2023 5:00	0.2	2.5	198	0.8	0.5	225	2.8	0.5	183
10/20/2023 4:30	0.2	1.9	183	0.7	0.5	200	3.1	0.5	156
10/20/2023 4:00	0.2	2.4	83	0.7	0.4	217	0.4	0.3	44
10/20/2023 3:30	0.2	3.3	113	0.6	0.9	182	0.2	0.4	186
10/20/2023 3:00	0.5	1.7	177	0.7	1.0	184	0.2	0.4	98
10/20/2023 2:30	0.4	1.5	169	1.1	0.7	143	0.4	0.7	110
10/20/2023 2:00	0.5	1.7	192	2.4	0.3	219	0.4	0.4	84
10/20/2023 1:30	0.7	2.5	198	1.0	0.3	182	AX	0.4	168
10/20/2023 1:00	0.7	3.1	193	AX	0.8	201	0.6	0.5	124
10/20/2023 0:30	AX	2.1	197	1.3	0.4	249	0.5	0.6	92

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