



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 15, 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
12/08/2023 00:00	12/14/2023 23:59	1.7	0.7	0.9

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

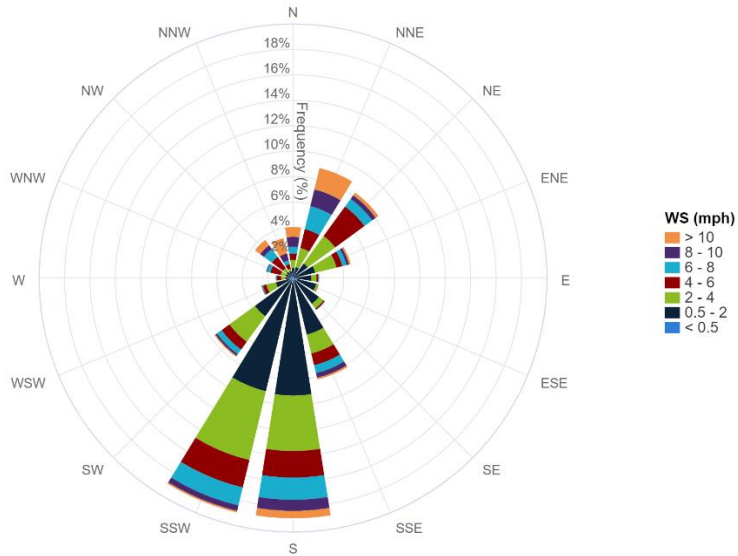
Attachments:

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 12/08/2023 00:00 to 12/14/2023 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
12/02/2023 00:00	12/08/2023 23:59	1.0	1.0	1.6	12/08/2023	0.2	0.6	1.3
12/03/2023 00:00	12/09/2023 23:59	0.9	1.1	1.6	12/09/2023	1.3	1.0	1.0
12/04/2023 00:00	12/10/2023 23:59	0.9	0.9	1.3	12/10/2023	0.6	1.1	1.8
12/05/2023 00:00	12/11/2023 23:59	1.0	0.8	1.1	12/11/2023	1.2	0.6	0.5
12/06/2023 00:00	12/12/2023 23:59	1.1	0.8	1.1	12/12/2023	3.4	0.6	0.5
12/07/2023 00:00	12/13/2023 23:59	1.5	0.8	1.1	12/13/2023	3.8	0.7	0.7
12/08/2023 00:00	12/14/2023 23:59	1.7	0.7	0.9	12/14/2023	1.5	0.4	0.4

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
12/15/2023 0:00	2.7	1.6	192	0.2	0.6	14	0.4	0.3	347
12/14/2023 23:30	2.5	1.6	201	0.2	0.8	343	0.2	0.3	313
12/14/2023 23:00	1.9	1.5	190	0.2	0.7	360	0.4	0.4	45
12/14/2023 22:30	2.1	1.6	185	0.4	0.9	15	0.2	0.4	352
12/14/2023 22:00	1.3	1.6	188	0.5	0.6	24	0.5	0.4	26
12/14/2023 21:30	0.5	1.6	206	0.2	0.6	0	1.0	0.4	318
12/14/2023 21:00	0.2	1.6	187	0.2	0.6	25	0.7	0.5	24
12/14/2023 20:30	0.2	1.4	187	0.4	0.6	35	0.8	0.3	341
12/14/2023 20:00	0.2	1.4	197	0.4	0.5	27	0.6	0.3	323
12/14/2023 19:30	0.2	1.7	197	0.4	0.4	37	0.5	0.3	347
12/14/2023 19:00	0.2	1.2	192	0.2	0.3	43	0.6	0.3	20
12/14/2023 18:30	0.2	1.9	207	0.2	0.4	76	0.6	0.2	1
12/14/2023 18:00	0.2	2.5	204	0.2	0.3	25	0.8	0.2	4
12/14/2023 17:30	0.2	2.3	165	0.5	0.4	47	0.5	0.6	225
12/14/2023 17:00	0.2	4.6	54	0.2	1.1	9	0.2	0.6	259
12/14/2023 16:30	0.2	5.7	33	0.2	2.5	31	0.2	1.9	33
12/14/2023 16:00	0.2	7.0	44	0.2	2.9	28	0.2	3.1	42
12/14/2023 15:30	0.2	6.1	24	0.2	3.0	28	0.2	3.1	38
12/14/2023 15:00	0.2	4.2	38	0.2	2.7	14	0.2	2.8	24
12/14/2023 14:30	0.2	5.0	37	0.2	2.7	67	0.2	2.7	28
12/14/2023 14:00	0.2	6.7	27	0.2	2.9	42	0.2	3.4	44
12/14/2023 13:30	0.2	6.0	51	0.2	3.2	40	0.2	3.7	37
12/14/2023 13:00	0.2	8.1	32	0.2	3.0	62	0.2	4.3	60
12/14/2023 12:30	0.2	9.6	43	0.5	3.5	61	0.2	4.7	62
12/14/2023 12:00	0.2	7.7	54	0.6	2.9	77	0.2	4.2	67
12/14/2023 11:30	0.2	6.2	68	0.6	3.2	69	0.2	4.1	62
12/14/2023 11:00	0.4	7.7	48	0.7	2.9	75	0.4	3.7	77
12/14/2023 10:30	0.2	8.9	59	0.8	3.2	64	0.6	4.7	82
12/14/2023 10:00	0.2	6.6	73	0.8	2.2	57	0.5	3.9	72
12/14/2023 9:30	0.9	4.7	46	0.7	1.4	36	0.2	1.5	31
12/14/2023 9:00	3.5	5.0	39	0.6	0.3	45	0.2	0.7	335
12/14/2023 8:30	3.2	5.1	41	0.5	0.6	52	0.2	0.8	343
12/14/2023 8:00	0.7	5.2	49	0.6	0.8	51	0.2	0.3	339
12/14/2023 7:30	1.0	3.1	64	0.5	0.9	47	0.2	0.3	309
12/14/2023 7:00	1.6	3.3	65	0.5	0.5	42	0.2	0.8	357
12/14/2023 6:30	3.3	3.9	51	0.5	0.2	41	0.2	0.4	341
12/14/2023 6:00	4.7	3.7	53	0.6	0.5	19	0.2	0.3	313
12/14/2023 5:30	8.8	1.6	35	0.6	0.8	22	0.4	0.2	329
12/14/2023 5:00	3.7	1.2	131	0.5	0.3	39	0.2	0.2	2
12/14/2023 4:30	3.2	2.2	183	0.5	0.7	14	0.2	0.4	312
12/14/2023 4:00	2.9	0.8	108	0.6	1.2	33	0.2	0.2	345
12/14/2023 3:30	3.8	1.2	112	0.6	0.6	34	0.5	0.3	314
12/14/2023 3:00	6.1	1.0	166	0.6	0.3	35	0.4	0.2	341
12/14/2023 2:30	3.7	1.2	173	0.6	0.2	24	0.5	0.2	323
12/14/2023 2:00	1.2	1.3	138	0.6	0.9	39	0.5	0.2	15
12/14/2023 1:30	2.1	1.0	133	0.7	0.6	32	AX	0.4	353
12/14/2023 1:00	1.1	3.1	85	AX	0.8	32	0.9	0.4	4
12/14/2023 0:30	AX	4.8	49	0.5	0.9	36	0.9	0.3	4

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
12/14/2023 0:00	1.9	3.6	58	0.5	1.5	20	0.7	0.4	16
12/13/2023 23:30	3.5	2.1	72	0.5	1.5	22	0.7	0.4	47
12/13/2023 23:00	2.1	1.2	105	0.6	1.0	29	0.7	0.8	26
12/13/2023 22:30	1.2	1.4	199	0.5	0.5	29	0.7	0.5	37
12/13/2023 22:00	1.4	1.0	150	0.5	0.6	22	0.7	0.3	327
12/13/2023 21:30	0.2	1.7	205	0.5	0.4	17	0.6	0.4	342
12/13/2023 21:00	1.1	1.4	191	0.4	0.4	12	0.5	0.3	331
12/13/2023 20:30	1.7	1.2	198	0.5	0.7	35	0.4	0.4	10
12/13/2023 20:00	1.2	1.8	200	0.5	0.3	24	0.4	0.2	345
12/13/2023 19:30	1.5	1.5	210	0.5	0.5	23	0.5	0.4	335
12/13/2023 19:00	0.9	2.0	205	0.5	0.7	57	0.6	0.3	316
12/13/2023 18:30	0.4	2.4	205	0.4	0.7	30	0.9	0.6	5
12/13/2023 18:00	0.2	2.3	202	0.5	0.2	48	1.2	0.3	325
12/13/2023 17:30	0.6	2.4	191	0.5	0.5	43	1.0	0.2	249
12/13/2023 17:00	1.8	2.0	346	0.5	1.3	11	0.6	0.6	234
12/13/2023 16:30	2.9	5.2	5	0.6	2.0	332	0.4	0.9	310
12/13/2023 16:00	1.6	6.8	19	0.4	2.8	352	0.2	1.6	343
12/13/2023 15:30	1.0	6.2	19	0.5	2.6	31	0.2	1.8	356
12/13/2023 15:00	0.7	6.4	28	0.6	2.7	19	0.4	2.6	24
12/13/2023 14:30	1.3	4.3	31	0.8	2.3	1	0.6	1.7	350
12/13/2023 14:00	1.3	5.6	18	0.8	3.1	5	0.6	2.3	360
12/13/2023 13:30	1.5	6.5	22	0.7	4.0	353	0.6	2.2	349
12/13/2023 13:00	1.2	8.0	10	0.8	3.7	17	0.4	3.1	19
12/13/2023 12:30	2.8	5.9	12	1.0	4.2	10	0.2	3.3	29
12/13/2023 12:00	3.9	7.9	19	1.3	2.3	27	0.2	2.0	5
12/13/2023 11:30	4.7	7.0	30	1.3	2.4	21	0.6	2.5	354
12/13/2023 11:00	5.0	5.1	42	1.4	2.7	7	1.1	2.5	10
12/13/2023 10:30	6.4	5.3	42	1.5	2.0	2	1.5	1.6	0
12/13/2023 10:00	7.4	3.9	34	1.4	1.3	350	1.5	1.3	348
12/13/2023 9:30	10.4	1.8	32	1.1	1.2	5	0.9	0.8	1
12/13/2023 9:00	8.3	1.2	84	0.7	0.4	335	0.6	0.3	53
12/13/2023 8:30	6.1	1.0	145	0.6	0.3	340	0.7	0.2	84
12/13/2023 8:00	10.7	2.1	58	0.6	0.4	8	0.5	0.3	353
12/13/2023 7:30	10.4	2.2	60	0.7	0.9	17	0.5	0.8	355
12/13/2023 7:00	7.3	0.8	72	0.6	0.4	347	0.5	0.2	38
12/13/2023 6:30	4.1	3.5	52	0.6	0.9	44	0.7	0.9	25
12/13/2023 6:00	9.8	3.4	50	0.6	0.7	28	0.7	0.6	21
12/13/2023 5:30	10.0	1.1	102	0.6	0.4	17	0.6	0.2	355
12/13/2023 5:00	7.4	1.2	105	0.6	0.6	22	0.7	0.5	18
12/13/2023 4:30	3.1	0.7	173	1.3	0.9	35	1.2	0.6	14
12/13/2023 4:00	2.5	1.1	183	1.4	0.5	26	1.9	0.3	12
12/13/2023 3:30	2.6	1.0	176	1.0	0.6	26	1.4	0.5	359
12/13/2023 3:00	2.9	0.8	177	0.7	0.6	27	0.9	0.5	341
12/13/2023 2:30	3.6	0.8	189	0.6	0.5	11	1.0	0.3	17
12/13/2023 2:00	5.0	1.1	194	0.7	0.6	5	0.9	0.2	17
12/13/2023 1:30	5.8	1.0	182	0.9	0.5	13	AX	0.3	30
12/13/2023 1:00	6.9	1.5	195	AX	0.5	9	0.7	0.3	211
12/13/2023 0:30	AX	1.7	186	0.7	0.3	43	0.6	0.4	316

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
12/13/2023 0:00	4.3	0.9	152	0.2	0.7	15	0.5	0.3	248
12/12/2023 23:30	3.3	0.9	158	0.5	1.0	356	0.8	0.5	16
12/12/2023 23:00	2.4	1.5	139	0.6	0.9	36	0.8	0.6	70
12/12/2023 22:30	0.5	0.9	169	0.7	1.1	21	1.0	0.4	24
12/12/2023 22:00	0.5	1.5	191	0.9	0.8	44	1.1	0.3	34
12/12/2023 21:30	0.4	1.3	211	1.4	0.5	33	1.0	0.4	347
12/12/2023 21:00	0.5	1.9	199	0.7	0.4	14	1.0	0.2	332
12/12/2023 20:30	0.6	1.4	185	0.7	0.4	343	1.0	0.2	334
12/12/2023 20:00	0.7	1.7	196	0.6	0.4	25	0.9	0.3	348
12/12/2023 19:30	0.7	1.7	196	0.4	0.5	54	0.7	0.3	61
12/12/2023 19:00	0.7	1.8	201	0.2	0.7	25	0.6	0.3	90
12/12/2023 18:30	0.2	2.3	214	0.2	0.6	7	0.2	0.6	332
12/12/2023 18:00	0.2	2.1	204	0.4	0.6	25	0.5	0.3	316
12/12/2023 17:30	0.4	2.5	188	0.5	0.6	96	0.9	0.8	228
12/12/2023 17:00	0.7	1.3	154	0.5	0.8	58	0.8	0.4	178
12/12/2023 16:30	0.7	2.3	178	0.6	1.5	331	0.6	0.6	318
12/12/2023 16:00	1.6	1.6	159	0.6	2.4	295	0.4	0.8	313
12/12/2023 15:30	1.3	1.8	134	0.8	2.0	260	0.6	0.9	341
12/12/2023 15:00	1.1	2.1	91	0.9	1.5	100	0.6	0.9	348
12/12/2023 14:30	1.7	1.7	152	1.3	2.9	239	0.6	1.8	34
12/12/2023 14:00	1.3	2.3	34	0.9	2.2	249	0.5	1.7	21
12/12/2023 13:30	0.7	2.4	17	0.7	2.7	271	0.5	1.4	63
12/12/2023 13:00	0.2	3.3	22	0.8	2.4	197	0.2	1.6	179
12/12/2023 12:30	0.2	2.5	58	0.7	2.3	71	0.2	1.5	185
12/12/2023 12:00	0.2	1.7	38	0.7	2.2	176	0.2	2.1	172
12/12/2023 11:30	0.2	1.5	124	0.8	2.7	202	0.2	1.6	35
12/12/2023 11:00	0.5	1.6	331	0.9	1.8	227	0.5	1.4	68
12/12/2023 10:30	0.8	1.5	5	0.9	1.7	7	0.7	1.4	69
12/12/2023 10:00	2.4	2.3	34	0.9	1.1	9	0.6	0.5	127
12/12/2023 9:30	14.1	2.1	58	0.7	0.6	29	0.2	0.8	5
12/12/2023 9:00	8.2	2.8	55	0.6	0.4	27	0.4	1.5	3
12/12/2023 8:30	4.0	2.2	61	0.6	0.9	51	0.4	1.5	9
12/12/2023 8:00	3.9	1.4	80	0.6	0.7	29	0.2	0.5	30
12/12/2023 7:30	4.8	1.2	160	0.6	0.6	33	0.2	0.6	25
12/12/2023 7:00	3.1	1.1	193	0.7	0.9	35	0.4	0.4	24
12/12/2023 6:30	3.7	0.6	202	0.6	0.9	17	0.4	0.6	0
12/12/2023 6:00	6.0	1.6	181	0.5	0.5	2	0.4	0.2	308
12/12/2023 5:30	6.5	2.3	183	0.5	0.5	65	0.5	0.4	207
12/12/2023 5:00	6.7	1.3	177	0.5	0.2	27	0.4	0.2	45
12/12/2023 4:30	6.4	1.8	71	0.6	0.7	29	0.4	0.2	10
12/12/2023 4:00	8.9	2.7	61	0.5	1.1	35	0.4	0.7	2
12/12/2023 3:30	10.4	2.1	78	0.5	1.1	37	0.2	1.3	358
12/12/2023 3:00	11.2	1.0	84	0.5	0.6	345	0.5	0.3	299
12/12/2023 2:30	10.6	1.6	64	0.6	0.6	23	0.7	0.6	359
12/12/2023 2:00	9.1	1.2	142	0.6	0.6	37	0.8	0.7	8
12/12/2023 1:30	7.5	1.1	136	0.8	0.9	1	AX	0.4	346
12/12/2023 1:00	7.3	1.2	160	AX	0.7	348	0.2	0.4	355
12/12/2023 0:30	AX	1.0	147	0.4	1.0	320	0.2	0.3	321

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
12/12/2023 0:00	7.1	1.3	127	0.4	0.7	39	0.2	0.5	18
12/11/2023 23:30	4.1	1.3	208	0.5	0.5	22	0.2	0.4	354
12/11/2023 23:00	2.0	0.7	156	0.5	0.9	36	0.2	0.6	1
12/11/2023 22:30	2.3	1.1	216	0.5	0.9	4	0.2	0.3	332
12/11/2023 22:00	1.8	1.6	196	0.6	0.5	347	0.6	0.3	238
12/11/2023 21:30	1.9	1.6	184	0.4	0.5	9	1.1	0.5	2
12/11/2023 21:00	1.2	1.0	193	0.2	0.8	8	0.8	0.3	323
12/11/2023 20:30	0.9	1.2	193	0.4	0.5	32	0.7	0.4	351
12/11/2023 20:00	1.0	1.3	200	0.2	1.3	359	0.7	0.3	298
12/11/2023 19:30	1.2	1.2	183	0.4	0.7	356	0.5	0.3	332
12/11/2023 19:00	2.2	1.1	192	0.4	0.6	47	0.4	0.3	345
12/11/2023 18:30	2.3	1.1	166	0.5	0.4	16	0.2	0.4	52
12/11/2023 18:00	1.4	2.3	195	0.6	0.3	37	0.4	0.3	25
12/11/2023 17:30	0.2	1.5	224	0.6	0.4	30	0.5	0.4	255
12/11/2023 17:00	0.2	4.7	308	0.7	1.3	313	0.6	0.8	228
12/11/2023 16:30	0.5	5.3	331	0.7	2.4	324	0.4	0.6	295
12/11/2023 16:00	0.2	4.7	318	BC	2.0	311	0.2	1.1	328
12/11/2023 15:30	0.4	5.6	349	BC	3.4	341	0.4	2.0	13
12/11/2023 15:00	0.6	5.6	353	BC	3.5	342	0.2	2.9	7
12/11/2023 14:30	0.6	3.5	2	BC	3.5	293	0.2	1.2	9
12/11/2023 14:00	0.6	5.8	16	BC	3.2	9	0.2	2.1	360
12/11/2023 13:30	0.4	6.4	9	0.7	3.4	339	0.2	3.1	3
12/11/2023 13:00	0.4	9.4	357	0.7	5.0	334	0.2	3.4	9
12/11/2023 12:30	0.5	8.7	341	0.7	4.3	338	0.2	3.7	3
12/11/2023 12:00	0.4	9.9	352	0.7	4.8	342	0.2	4.0	3
12/11/2023 11:30	1.0	10.5	9	0.7	4.1	5	0.2	3.2	4
12/11/2023 11:00	1.1	14.7	16	0.7	5.7	18	0.6	5.0	10
12/11/2023 10:30	1.2	15.3	13	0.8	6.0	358	0.6	6.6	3
12/11/2023 10:00	1.1	13.9	13	0.8	4.8	13	0.5	5.5	9
12/11/2023 9:30	1.5	12.5	13	0.7	4.9	4	0.4	5.1	8
12/11/2023 9:00	1.8	10.7	6	0.6	2.8	359	0.6	4.1	8
12/11/2023 8:30	3.5	8.5	10	0.5	1.2	358	0.4	3.4	8
12/11/2023 8:00	3.0	8.4	356	0.5	1.4	1	0.6	1.4	346
12/11/2023 7:30	2.9	7.5	4	0.6	1.2	20	0.6	1.9	3
12/11/2023 7:00	1.1	9.7	347	0.6	2.2	355	0.7	1.4	6
12/11/2023 6:30	0.2	9.4	328	0.6	2.7	345	0.9	1.5	341
12/11/2023 6:00	0.5	8.4	338	0.5	2.7	333	0.7	1.7	338
12/11/2023 5:30	0.2	5.6	309	0.5	1.9	296	0.7	0.6	250
12/11/2023 5:00	0.2	5.7	305	0.6	1.3	257	0.8	0.4	221
12/11/2023 4:30	0.2	5.2	310	0.5	1.7	321	0.7	0.2	210
12/11/2023 4:00	0.2	5.3	293	0.6	1.2	305	0.6	0.2	256
12/11/2023 3:30	0.2	4.5	280	0.5	0.9	298	0.4	0.3	232
12/11/2023 3:00	0.2	4.2	295	0.6	1.0	309	0.2	0.3	257
12/11/2023 2:30	0.2	4.9	306	0.7	1.2	288	0.7	0.4	274
12/11/2023 2:00	0.2	6.2	304	0.7	2.5	297	1.1	0.6	273
12/11/2023 1:30	1.3	9.2	342	0.8	3.8	330	AX	2.5	332
12/11/2023 1:00	1.9	11.0	25	AX	4.4	19	0.6	5.1	31
12/11/2023 0:30	AX	12.5	27	0.5	3.6	43	0.7	4.6	31

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
12/11/2023 0:00	1.0	10.5	352	0.5	3.6	353	0.7	3.6	7
12/10/2023 23:30	0.5	8.5	327	0.4	3.3	320	0.8	1.9	323
12/10/2023 23:00	0.6	10.1	323	0.2	4.8	305	0.6	2.2	320
12/10/2023 22:30	0.9	11.2	336	0.4	6.4	336	0.2	4.4	351
12/10/2023 22:00	0.5	18.8	336	0.5	8.3	346	0.4	7.6	357
12/10/2023 21:30	0.4	16.9	326	0.6	8.6	341	0.6	6.8	351
12/10/2023 21:00	0.6	20.2	334	1.0	9.2	338	0.6	6.6	351
12/10/2023 20:30	1.1	6.6	231	1.2	4.4	233	3.1	2.7	266
12/10/2023 20:00	1.0	7.9	197	0.7	5.2	203	1.3	3.7	217
12/10/2023 19:30	1.0	6.4	182	0.7	4.0	197	0.6	2.7	188
12/10/2023 19:00	1.3	5.5	178	0.6	2.9	185	0.6	2.1	183
12/10/2023 18:30	1.5	5.2	182	0.6	3.0	189	0.7	1.9	185
12/10/2023 18:00	1.5	6.1	192	0.6	4.1	202	3.1	2.4	204
12/10/2023 17:30	0.9	5.9	204	0.6	4.4	215	3.4	2.7	215
12/10/2023 17:00	0.9	5.5	195	0.6	4.1	207	1.0	2.6	216
12/10/2023 16:30	0.8	4.4	192	0.7	3.0	207	1.5	1.9	207
12/10/2023 16:00	0.6	4.6	200	0.7	3.3	208	2.0	1.6	197
12/10/2023 15:30	0.5	4.8	200	0.7	3.4	212	4.3	2.4	217
12/10/2023 15:00	0.4	4.8	203	0.8	2.3	210	5.7	1.6	209
12/10/2023 14:30	0.2	3.5	207	1.2	2.5	220	7.1	1.6	214
12/10/2023 14:00	0.4	5.4	225	1.7	4.8	235	4.2	2.2	246
12/10/2023 13:30	0.4	4.1	222	0.8	2.8	226	4.4	2.9	229
12/10/2023 13:00	0.4	4.8	210	6.8	2.8	215	3.0	1.3	200
12/10/2023 12:30	0.2	3.8	218	4.3	3.0	234	0.7	1.1	276
12/10/2023 12:00	0.6	6.9	252	5.3	6.8	254	1.7	2.7	264
12/10/2023 11:30	0.2	7.7	205	1.4	4.9	212	2.8	4.0	229
12/10/2023 11:00	0.4	6.0	167	0.7	3.1	202	0.7	3.4	184
12/10/2023 10:30	0.5	5.2	169	2.2	2.5	187	2.7	2.3	182
12/10/2023 10:00	0.6	3.7	208	2.1	2.2	221	1.2	1.7	220
12/10/2023 9:30	0.6	4.1	163	0.7	1.8	166	0.7	1.4	171
12/10/2023 9:00	0.4	2.7	168	0.6	0.8	116	0.6	0.6	154
12/10/2023 8:30	0.4	3.4	154	0.6	1.2	145	0.8	1.1	108
12/10/2023 8:00	0.5	4.2	189	0.7	1.7	188	2.3	1.6	175
12/10/2023 7:30	0.4	4.0	207	1.9	2.1	216	11.1	2.1	208
12/10/2023 7:00	0.2	5.2	208	0.7	3.7	214	2.4	2.1	222
12/10/2023 6:30	0.2	6.5	197	0.6	4.6	212	0.7	3.3	211
12/10/2023 6:00	0.5	7.8	171	0.6	3.7	195	0.4	3.3	184
12/10/2023 5:30	0.4	7.6	171	0.6	4.6	194	0.5	3.3	187
12/10/2023 5:00	0.4	7.5	178	0.6	4.3	196	0.5	3.6	195
12/10/2023 4:30	0.4	7.4	176	0.6	4.0	185	0.6	3.4	186
12/10/2023 4:00	0.5	8.0	169	0.6	4.1	182	0.6	3.8	185
12/10/2023 3:30	0.5	7.1	174	0.7	3.9	192	0.7	3.1	187
12/10/2023 3:00	0.6	6.9	173	0.8	3.6	195	0.8	2.9	184
12/10/2023 2:30	0.7	7.3	184	1.0	4.4	201	1.6	3.0	199
12/10/2023 2:00	0.6	9.2	175	1.8	4.2	180	BF	3.4	197
12/10/2023 1:30	0.9	6.9	162	BF	2.8	175	BF	1.7	187
12/10/2023 1:00	BF	4.9	165	BF	2.2	178	0.4	1.4	190
12/10/2023 0:30	BF	3.4	173	0.6	1.1	186	0.4	0.8	192

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
12/10/2023 0:00	0.2	2.9	168	0.6	0.6	146	0.5	0.4	206
12/9/2023 23:30	0.4	2.6	172	0.6	0.5	76	0.5	0.6	1
12/9/2023 23:00	0.2	3.0	179	0.6	0.6	180	0.5	0.4	12
12/9/2023 22:30	0.2	3.3	167	0.6	0.8	67	0.6	0.4	44
12/9/2023 22:00	0.5	3.7	175	0.6	0.5	14	0.6	0.6	356
12/9/2023 21:30	0.7	2.2	185	0.6	0.8	190	0.5	0.6	328
12/9/2023 21:00	2.3	1.8	54	0.6	0.7	63	0.6	0.8	222
12/9/2023 20:30	1.1	1.4	107	0.6	0.7	48	0.6	0.4	65
12/9/2023 20:00	1.1	1.1	215	0.6	0.3	95	0.6	0.2	207
12/9/2023 19:30	1.9	0.8	231	0.6	0.2	283	0.7	0.4	224
12/9/2023 19:00	2.3	1.2	94	0.6	0.2	79	0.5	0.3	83
12/9/2023 18:30	2.8	1.2	81	0.7	0.3	45	0.5	0.4	331
12/9/2023 18:00	1.2	1.1	70	0.7	0.8	19	0.6	0.4	346
12/9/2023 17:30	5.9	1.4	317	0.7	0.3	256	0.6	0.5	250
12/9/2023 17:00	10.8	3.3	10	0.7	0.5	5	0.5	0.4	292
12/9/2023 16:30	8.9	4.0	9	0.7	0.6	2	0.5	0.3	334
12/9/2023 16:00	4.8	4.0	18	0.7	1.1	23	0.6	0.4	358
12/9/2023 15:30	0.4	4.1	317	1.1	3.4	346	0.6	0.9	313
12/9/2023 15:00	0.2	1.0	262	3.4	1.3	255	0.6	0.5	288
12/9/2023 14:30	0.2	3.1	272	2.5	2.9	239	1.1	0.7	287
12/9/2023 14:00	0.2	4.1	219	1.9	4.3	236	1.0	2.1	237
12/9/2023 13:30	0.2	3.2	247	1.0	3.4	232	2.6	1.7	232
12/9/2023 13:00	0.2	3.3	161	0.5	2.8	216	1.4	1.7	220
12/9/2023 12:30	0.2	4.7	191	0.5	4.3	210	0.9	2.6	219
12/9/2023 12:00	0.2	5.0	195	0.7	4.4	238	1.3	2.8	195
12/9/2023 11:30	0.2	2.4	217	0.8	2.7	223	2.4	2.2	190
12/9/2023 11:00	0.4	0.9	169	2.6	1.1	223	5.1	1.1	110
12/9/2023 10:30	0.2	1.2	210	3.3	1.9	228	4.4	0.7	258
12/9/2023 10:00	0.8	1.0	320	4.6	1.7	248	1.3	1.1	344
12/9/2023 9:30	1.0	0.9	287	0.8	0.6	7	0.9	1.1	19
12/9/2023 9:00	0.8	1.2	302	0.8	0.6	304	0.7	0.9	2
12/9/2023 8:30	1.1	1.3	204	1.0	0.3	241	0.8	0.3	143
12/9/2023 8:00	1.3	1.3	68	1.1	0.3	28	1.0	0.3	65
12/9/2023 7:30	2.3	1.2	88	1.0	0.7	38	1.1	0.4	5
12/9/2023 7:00	0.6	0.8	151	0.9	0.9	31	1.0	0.3	1
12/9/2023 6:30	0.6	0.7	169	0.7	0.5	18	1.0	0.5	6
12/9/2023 6:00	0.2	1.0	213	0.9	0.3	50	0.9	0.3	55
12/9/2023 5:30	0.2	0.8	191	0.8	0.6	26	0.9	0.4	13
12/9/2023 5:00	0.2	1.5	213	0.6	0.4	33	0.8	0.4	28
12/9/2023 4:30	0.4	1.1	192	0.6	0.8	35	0.6	0.7	16
12/9/2023 4:00	0.4	1.3	204	0.6	0.9	55	0.7	0.6	3
12/9/2023 3:30	0.5	1.1	80	0.8	0.8	44	0.8	0.6	18
12/9/2023 3:00	0.2	1.3	178	0.7	0.5	55	0.8	0.6	72
12/9/2023 2:30	0.2	1.7	244	0.7	0.4	14	1.2	0.5	22
12/9/2023 2:00	0.2	1.8	221	0.9	0.4	242	1.2	0.7	195
12/9/2023 1:30	0.2	1.9	216	1.1	0.8	79	AX	0.6	55
12/9/2023 1:00	0.2	2.4	224	AX	0.9	33	0.4	0.4	359
12/9/2023 0:30	AX	2.7	235	0.5	0.3	151	1.7	0.4	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
12/9/2023 0:00	0.2	2.2	222	0.5	0.3	75	1.3	0.7	194
12/8/2023 23:30	0.2	2.2	223	0.5	0.2	140	0.8	0.6	188
12/8/2023 23:00	0.2	2.2	229	0.5	0.3	315	0.7	0.2	206
12/8/2023 22:30	0.2	1.6	227	0.5	0.5	216	0.7	0.5	184
12/8/2023 22:00	0.2	1.4	189	0.5	0.3	120	0.7	0.3	150
12/8/2023 21:30	0.2	2.4	199	0.5	0.2	55	0.7	0.3	97
12/8/2023 21:00	0.2	3.4	195	0.6	0.3	222	1.2	0.4	151
12/8/2023 20:30	0.2	3.0	191	0.5	0.2	167	1.1	0.5	156
12/8/2023 20:00	0.2	3.0	207	0.5	0.7	212	1.8	0.6	174
12/8/2023 19:30	0.2	2.2	210	0.4	0.6	234	1.9	0.3	223
12/8/2023 19:00	0.2	2.0	192	0.5	0.5	82	0.7	0.3	73
12/8/2023 18:30	0.2	2.7	198	0.5	0.6	236	0.8	0.4	252
12/8/2023 18:00	0.2	1.9	184	0.5	0.5	243	0.7	0.4	239
12/8/2023 17:30	0.2	3.1	182	0.2	1.3	169	0.5	0.6	172
12/8/2023 17:00	0.2	3.8	187	0.2	2.0	199	0.8	1.4	189
12/8/2023 16:30	0.2	5.7	193	0.4	4.5	213	5.3	3.1	213
12/8/2023 16:00	0.2	7.8	199	0.5	5.4	218	1.5	4.3	216
12/8/2023 15:30	0.2	7.9	184	0.5	4.6	213	1.7	3.3	204
12/8/2023 15:00	0.2	7.3	201	0.5	5.7	215	6.8	3.8	220
12/8/2023 14:30	0.2	8.4	195	0.5	7.8	220	2.0	4.6	210
12/8/2023 14:00	0.2	8.4	199	0.5	5.7	222	3.9	4.6	212
12/8/2023 13:30	0.2	8.7	194	0.6	5.8	221	0.7	4.2	208
12/8/2023 13:00	0.2	7.2	188	0.5	6.0	222	0.8	3.7	198
12/8/2023 12:30	0.2	6.3	189	0.5	5.1	204	0.5	3.6	200
12/8/2023 12:00	0.2	5.2	201	0.6	5.1	219	0.7	3.6	201
12/8/2023 11:30	0.2	5.3	201	0.8	5.4	218	0.6	3.0	188
12/8/2023 11:00	0.4	6.3	210	1.0	5.7	228	2.3	3.0	206
12/8/2023 10:30	0.2	3.8	210	0.9	3.6	224	2.0	2.5	202
12/8/2023 10:00	0.2	1.2	202	1.0	0.8	229	1.9	1.9	181
12/8/2023 9:30	0.2	1.0	161	1.6	0.8	191	2.7	1.0	153
12/8/2023 9:00	0.2	1.5	246	0.7	0.8	246	0.8	0.6	283
12/8/2023 8:30	0.2	1.2	211	0.6	1.0	252	0.2	0.6	161
12/8/2023 8:00	0.2	1.3	195	0.5	0.5	234	0.5	0.2	86
12/8/2023 7:30	0.2	1.4	193	0.5	0.3	139	0.6	0.2	62
12/8/2023 7:00	0.2	1.9	212	0.5	0.4	268	0.8	0.4	248
12/8/2023 6:30	0.2	1.9	199	0.7	0.2	334	0.6	0.3	93
12/8/2023 6:00	0.2	1.4	192	0.7	0.3	21	0.5	0.3	99
12/8/2023 5:30	0.2	2.1	191	0.5	0.2	276	0.6	0.2	90
12/8/2023 5:00	0.2	1.4	174	0.7	0.5	19	0.5	0.4	100
12/8/2023 4:30	0.2	1.8	204	0.7	0.4	13	0.6	0.3	102
12/8/2023 4:00	0.2	1.9	194	0.6	0.3	359	0.4	0.2	68
12/8/2023 3:30	0.2	1.4	178	0.7	0.4	20	0.5	0.4	37
12/8/2023 3:00	0.2	1.3	204	0.7	0.2	38	0.9	0.3	92
12/8/2023 2:30	0.2	1.4	204	0.5	0.2	61	1.1	0.3	75
12/8/2023 2:00	0.2	2.2	213	0.6	0.3	214	1.2	0.3	247
12/8/2023 1:30	0.2	1.7	191	0.7	0.3	193	AX	0.3	4
12/8/2023 1:00	0.4	1.4	197	AX	0.4	230	1.2	0.4	183
12/8/2023 0:30	AX	1.8	199	0.4	0.4	102	1.2	0.3	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)
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