



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

January 05, 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
12/29/2023 00:00	01/04/2024 23:59	1.4	1.3	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

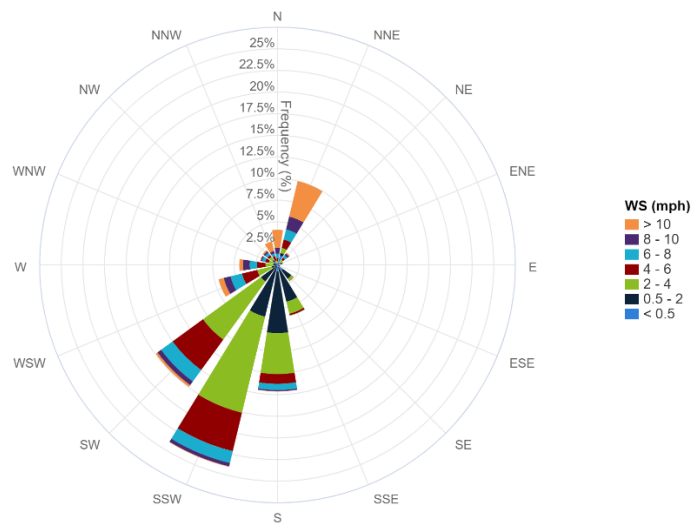
Attachments:

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 12/29/2023 00:00 to 01/04/2024 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	Station 1	Station 2	Station 3
12/23/2023 00:00	12/29/2023 23:59	1.3	1.1	1.4	00:00 – 24:00	0.5	2.2	0.7
12/24/2023 00:00	12/30/2023 23:59	1.2	1.3	1.3	12/29/2023	0.4	2.0	1.1
12/25/2023 00:00	12/31/2023 23:59	1.0	1.4	1.1	12/30/2023	0.3	1.5	1.1
12/26/2023 00:00	01/01/2024 23:59	1.1	1.4	0.8	12/31/2023	2.2	0.9	0.6
12/27/2023 00:00	01/02/2024 23:59	1.3	1.5	0.9	01/01/2024	2.1	1.0	0.3
12/28/2023 00:00	01/03/2024 23:59	1.1	1.4	0.9	01/02/2024	0.3	1.0	1.2
12/29/2023 00:00	01/04/2024 23:59	1.4	1.3	0.7	01/03/2024	3.8	0.7	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
1/5/2024 0:00	4.9	4.4	36	0.5	1.6	29	0.2	0.3	351
1/4/2024 23:30	3.7	3.6	38	0.5	1.2	40	0.2	0.5	5
1/4/2024 23:00	6.1	2.4	56	0.2	0.8	34	0.2	0.6	356
1/4/2024 22:30	12.5	2.9	40	0.4	0.9	42	0.2	0.6	332
1/4/2024 22:00	7.9	2.4	11	0.2	0.6	242	0.2	0.8	327
1/4/2024 21:30	22.0	4.8	13	0.2	0.7	80	0.2	0.7	51
1/4/2024 21:00	3.3	6.1	31	0.2	0.5	91	0.2	2.0	22
1/4/2024 20:30	1.0	7.3	32	0.2	1.6	57	0.2	2.5	28
1/4/2024 20:00	3.9	7.9	36	0.2	1.5	65	0.2	2.5	30
1/4/2024 19:30	7.2	11.1	17	0.2	2.2	49	0.2	3.2	15
1/4/2024 19:00	4.0	9.8	27	0.2	2.0	46	0.2	3.0	26
1/4/2024 18:30	6.4	8.5	30	0.2	2.2	56	0.2	2.4	29
1/4/2024 18:00	11.6	7.5	16	0.4	1.7	58	0.2	2.7	20
1/4/2024 17:30	6.9	9.9	19	0.5	2.9	33	0.2	3.4	19
1/4/2024 17:00	3.6	11.4	20	0.6	3.6	24	0.2	4.0	18
1/4/2024 16:30	2.1	11.9	22	0.5	3.5	31	0.2	4.4	26
1/4/2024 16:00	1.6	14.2	18	0.6	4.9	8	0.2	4.5	17
1/4/2024 15:30	1.5	12.2	19	0.5	5.4	2	0.2	4.6	8
1/4/2024 15:00	1.3	12.4	25	0.5	5.4	11	0.2	4.7	15
1/4/2024 14:30	1.0	11.6	6	0.5	6.2	1	0.2	6.0	8
1/4/2024 14:00	1.1	11.6	8	0.6	6.4	353	0.2	5.5	5
1/4/2024 13:30	1.2	13.1	15	0.7	5.5	346	0.2	3.7	357
1/4/2024 13:00	1.0	14.3	358	0.7	5.6	15	0.2	4.8	17
1/4/2024 12:30	1.5	14.3	4	0.7	6.5	16	0.2	6.1	11
1/4/2024 12:00	1.7	12.7	356	0.8	6.4	0	0.2	7.1	4
1/4/2024 11:30	2.0	16.1	9	0.9	7.1	354	0.2	6.7	2
1/4/2024 11:00	2.1	15.9	13	1.0	6.0	4	0.2	6.4	10
1/4/2024 10:30	2.4	11.9	18	1.1	3.8	356	0.2	4.3	2
1/4/2024 10:00	4.0	7.8	25	1.0	1.8	6	0.2	3.7	358
1/4/2024 9:30	4.3	4.8	16	0.9	0.5	85	0.2	0.7	64
1/4/2024 9:00	4.2	1.1	217	0.9	0.8	53	0.2	0.4	43
1/4/2024 8:30	4.5	1.4	201	0.9	0.4	9	0.2	0.5	290
1/4/2024 8:00	4.8	1.1	171	0.9	0.5	9	0.2	0.6	348
1/4/2024 7:30	6.5	1.3	158	0.7	1.0	29	0.2	0.4	12
1/4/2024 7:00	5.9	0.8	152	0.8	1.4	25	0.2	0.4	22
1/4/2024 6:30	8.3	1.0	121	0.9	1.3	7	0.2	0.5	0
1/4/2024 6:00	5.4	1.1	50	1.1	1.3	21	0.2	0.4	6
1/4/2024 5:30	0.2	0.8	139	1.5	0.8	49	0.2	0.5	30
1/4/2024 5:00	0.5	1.5	201	1.3	0.7	12	0.2	0.5	15
1/4/2024 4:30	0.2	2.1	207	0.7	0.8	298	0.2	0.3	254
1/4/2024 4:00	0.2	2.1	190	0.6	0.4	31	0.2	0.3	25
1/4/2024 3:30	0.2	1.7	187	0.6	0.5	41	0.2	0.3	55
1/4/2024 3:00	0.5	2.0	194	0.8	0.9	21	0.2	0.6	320
1/4/2024 2:30	0.5	1.7	185	1.2	1.3	11	0.2	0.5	353
1/4/2024 2:00	0.2	1.9	190	1.2	1.4	276	0.2	0.8	207
1/4/2024 1:30	0.2	2.4	251	0.8	0.9	275	AX	0.3	218
1/4/2024 1:00	0.5	2.4	300	AX	1.8	289	0.2	0.3	233
1/4/2024 0:30	AX	2.3	281	0.7	2.4	293	0.2	0.4	243

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
1/4/2024 0:00	0.2	1.8	253	2.1	1.9	286	0.2	0.4	277
1/3/2024 23:30	0.5	2.9	227	0.9	2.4	227	4.5	1.1	235
1/3/2024 23:00	0.2	3.7	211	0.5	2.5	221	5.0	2.0	238
1/3/2024 22:30	0.4	5.0	202	0.4	3.1	214	2.3	2.2	212
1/3/2024 22:00	0.5	6.2	197	0.7	4.0	218	6.9	3.3	213
1/3/2024 21:30	0.2	6.9	196	0.5	4.4	215	2.8	2.7	212
1/3/2024 21:00	0.2	6.5	195	0.5	3.1	208	0.9	2.0	209
1/3/2024 20:30	0.2	5.3	190	1.2	2.7	202	4.0	2.1	210
1/3/2024 20:00	0.2	2.3	187	7.7	1.6	181	1.7	0.9	190
1/3/2024 19:30	1.9	2.1	248	2.0	1.1	251	0.2	0.5	305
1/3/2024 19:00	0.2	2.7	190	0.5	0.7	162	0.2	0.7	128
1/3/2024 18:30	0.2	2.3	183	0.5	1.1	171	2.1	0.7	163
1/3/2024 18:00	0.2	2.4	202	0.5	1.6	210	1.4	1.0	212
1/3/2024 17:30	0.2	4.6	187	0.6	2.1	197	0.2	1.5	189
1/3/2024 17:00	0.2	3.2	179	0.6	1.5	202	0.2	1.2	187
1/3/2024 16:30	0.2	3.6	171	0.5	2.0	198	0.2	1.7	185
1/3/2024 16:00	0.2	2.7	184	0.5	2.8	204	0.2	1.7	190
1/3/2024 15:30	0.2	2.8	169	0.5	1.7	193	0.7	1.5	172
1/3/2024 15:00	0.2	3.2	172	0.6	5.3	220	2.6	3.3	227
1/3/2024 14:30	0.2	5.6	212	0.7	5.1	227	1.8	3.8	222
1/3/2024 14:00	0.2	6.2	194	0.6	4.2	228	1.1	2.6	198
1/3/2024 13:30	0.2	7.2	202	0.7	5.7	227	2.1	3.2	220
1/3/2024 13:00	0.2	5.5	213	0.8	5.2	230	0.9	3.0	208
1/3/2024 12:30	0.2	4.0	204	0.8	3.9	223	0.2	2.8	190
1/3/2024 12:00	0.2	3.1	203	0.9	4.2	234	0.4	2.4	195
1/3/2024 11:30	0.2	3.9	196	0.9	3.2	235	0.2	2.6	200
1/3/2024 11:00	0.2	3.5	197	0.9	3.8	229	0.4	2.9	190
1/3/2024 10:30	0.2	4.7	199	0.9	4.1	211	1.6	2.3	193
1/3/2024 10:00	0.2	4.0	204	1.5	3.0	215	1.9	2.4	197
1/3/2024 9:30	0.2	1.9	177	2.5	0.7	212	3.2	0.7	128
1/3/2024 9:00	1.3	0.8	215	1.6	0.4	35	1.6	0.8	32
1/3/2024 8:30	0.4	0.6	171	1.2	0.6	20	0.5	0.9	14
1/3/2024 8:00	0.4	0.8	182	0.6	0.7	334	0.2	0.6	102
1/3/2024 7:30	0.4	1.2	182	0.7	0.4	273	0.2	0.2	184
1/3/2024 7:00	0.4	1.4	191	0.8	0.7	314	0.2	0.2	118
1/3/2024 6:30	0.4	1.3	166	1.0	0.5	15	0.2	0.4	104
1/3/2024 6:00	0.2	1.3	167	0.8	0.7	5	0.2	0.2	357
1/3/2024 5:30	0.2	0.8	169	0.7	0.9	358	0.2	0.2	131
1/3/2024 5:00	0.2	1.3	169	0.6	0.4	337	0.2	0.2	167
1/3/2024 4:30	0.2	1.0	161	0.7	0.7	1	0.2	0.3	137
1/3/2024 4:00	0.2	1.1	172	0.6	0.5	0	0.2	0.2	360
1/3/2024 3:30	0.2	1.3	198	0.6	0.6	340	0.2	0.2	190
1/3/2024 3:00	0.2	1.4	178	0.6	0.3	331	0.2	0.3	153
1/3/2024 2:30	0.2	1.2	168	0.6	0.5	15	0.2	0.2	140
1/3/2024 2:00	0.2	1.3	176	0.7	0.6	345	0.2	0.2	299
1/3/2024 1:30	0.2	1.2	164	0.8	0.4	4	AX	0.3	143
1/3/2024 1:00	0.2	1.3	178	AX	0.3	293	0.2	0.2	213
1/3/2024 0:30	AX	1.7	186	0.6	0.5	261	0.2	0.3	190

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
1/3/2024 0:00	0.2	1.5	182	0.8	0.3	339	0.2	0.2	257
1/2/2024 23:30	0.2	1.4	185	0.8	0.4	291	0.2	0.3	142
1/2/2024 23:00	0.2	1.0	175	0.8	0.4	350	0.2	0.2	129
1/2/2024 22:30	0.2	1.1	197	0.8	0.4	300	0.7	0.3	123
1/2/2024 22:00	0.2	1.8	205	1.0	0.4	257	0.7	0.2	311
1/2/2024 21:30	0.2	1.1	177	0.9	0.3	41	0.9	0.3	85
1/2/2024 21:00	0.2	2.3	202	1.3	0.9	221	0.5	0.3	281
1/2/2024 20:30	0.2	1.4	180	1.5	0.2	7	0.2	0.3	26
1/2/2024 20:00	0.2	1.2	204	1.7	0.3	301	0.2	0.3	319
1/2/2024 19:30	0.2	1.3	185	1.9	0.5	21	0.4	0.4	38
1/2/2024 19:00	0.2	2.3	211	1.7	0.3	9	0.8	0.3	316
1/2/2024 18:30	0.2	2.5	208	1.8	0.4	91	0.2	0.2	307
1/2/2024 18:00	0.2	2.5	203	2.3	0.5	141	0.6	0.4	251
1/2/2024 17:30	0.2	2.3	216	1.3	1.2	246	0.2	0.4	251
1/2/2024 17:00	0.2	3.8	243	1.5	3.9	269	0.2	0.5	273
1/2/2024 16:30	0.2	5.2	252	1.8	5.7	260	0.2	1.6	278
1/2/2024 16:00	0.2	4.8	277	3.0	5.4	256	0.2	1.7	285
1/2/2024 15:30	0.2	5.9	284	1.2	5.5	267	0.2	2.0	244
1/2/2024 15:00	0.4	5.8	277	1.0	5.3	256	0.2	2.1	298
1/2/2024 14:30	0.2	4.6	277	0.8	5.4	265	0.2	2.8	267
1/2/2024 14:00	0.4	4.6	273	0.8	5.5	291	0.2	2.4	252
1/2/2024 13:30	0.5	5.5	290	0.8	5.1	271	0.2	1.9	300
1/2/2024 13:00	0.4	3.3	218	0.9	4.2	273	0.2	1.8	13
1/2/2024 12:30	0.7	3.0	282	1.0	2.8	247	0.2	2.2	15
1/2/2024 12:00	0.8	2.1	296	0.9	2.6	24	0.2	1.6	20
1/2/2024 11:30	0.7	3.5	314	0.9	2.8	0	0.2	2.2	5
1/2/2024 11:00	1.0	4.5	350	0.9	3.4	327	0.2	2.8	4
1/2/2024 10:30	1.1	7.4	330	0.9	2.7	5	0.2	3.2	4
1/2/2024 10:00	3.8	4.7	1	0.9	1.7	331	0.2	1.5	10
1/2/2024 9:30	0.4	1.5	326	0.8	0.9	105	0.2	1.2	27
1/2/2024 9:00	0.2	1.7	205	0.9	0.8	16	0.2	0.6	86
1/2/2024 8:30	0.2	1.2	193	0.9	0.7	33	0.2	0.5	79
1/2/2024 8:00	0.2	2.0	193	0.9	0.3	3	0.2	0.2	34
1/2/2024 7:30	0.2	1.8	186	0.8	0.6	13	0.2	0.3	205
1/2/2024 7:00	0.2	2.6	193	0.8	0.4	6	0.2	0.3	129
1/2/2024 6:30	0.2	1.5	203	0.6	0.8	30	0.2	0.4	103
1/2/2024 6:00	0.4	0.2	176	0.6	0.6	294	0.2	0.5	261
1/2/2024 5:30	0.8	0.4	73	0.7	1.1	26	0.2	0.4	45
1/2/2024 5:00	1.7	0.3	36	0.6	0.9	328	0.2	0.7	302
1/2/2024 4:30	4.4	0.2	29	0.6	0.6	339	0.2	0.5	260
1/2/2024 4:00	14.6	0.9	333	0.5	0.9	20	0.2	0.4	335
1/2/2024 3:30	21.9	0.3	339	0.6	0.5	16	0.2	0.3	281
1/2/2024 3:00	21.8	0.3	88	0.6	1.1	17	0.2	0.4	303
1/2/2024 2:30	9.1	0.3	125	0.6	0.7	40	0.2	0.4	285
1/2/2024 2:00	5.3	2.2	68	0.7	0.9	43	0.2	0.3	317
1/2/2024 1:30	1.7	5.5	335	0.8	0.9	17	AX	0.4	341
1/2/2024 1:00	2.3	5.2	336	AX	1.2	323	0.2	0.5	276
1/2/2024 0:30	AX	5.3	9	0.5	1.0	349	0.2	0.7	338

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
1/2/2024 0:00	11.0	8.3	14	0.5	1.5	346	0.2	1.9	3
1/1/2024 23:30	8.2	11.7	13	0.5	2.4	5	0.2	3.4	4
1/1/2024 23:00	8.4	10.0	15	0.4	2.8	3	0.2	3.4	4
1/1/2024 22:30	6.9	11.4	12	0.2	3.9	355	0.2	4.4	1
1/1/2024 22:00	4.6	8.9	0	0.2	3.9	352	0.2	4.9	359
1/1/2024 21:30	5.4	11.5	13	0.4	4.5	355	0.2	4.5	5
1/1/2024 21:00	5.7	2.5	21	0.4	4.6	355	0.2	4.9	1
1/1/2024 20:30	3.2	8.3	352	0.2	4.4	349	0.2	4.8	1
1/1/2024 20:00	4.9	12.2	7	0.2	5.5	358	0.2	6.1	5
1/1/2024 19:30	4.0	14.5	8	0.2	6.2	3	0.2	6.4	5
1/1/2024 19:00	2.9	10.2	355	0.2	4.7	7	0.2	5.0	5
1/1/2024 18:30	2.2	12.6	354	0.2	5.6	351	0.2	5.5	2
1/1/2024 18:00	2.0	11.9	351	0.2	5.1	346	0.2	5.8	356
1/1/2024 17:30	1.0	11.1	343	0.2	4.6	348	0.2	5.7	358
1/1/2024 17:00	1.9	11.7	340	0.4	4.8	349	0.2	4.7	1
1/1/2024 16:30	2.6	11.6	360	0.6	6.3	1	0.2	6.0	8
1/1/2024 16:00	2.4	13.4	11	0.6	5.7	360	0.2	6.0	6
1/1/2024 15:30	3.7	13.5	12	0.7	4.9	15	0.2	4.9	20
1/1/2024 15:00	1.4	9.8	21	0.7	4.9	36	0.2	4.6	14
1/1/2024 14:30	1.4	4.2	25	0.7	2.7	8	0.2	1.7	1
1/1/2024 14:00	1.5	3.8	1	0.8	3.0	326	0.2	1.7	351
1/1/2024 13:30	1.4	5.4	19	0.9	3.6	319	0.2	2.5	351
1/1/2024 13:00	0.7	1.9	344	0.9	1.7	336	0.2	1.7	6
1/1/2024 12:30	0.7	3.2	275	0.8	2.0	285	0.2	1.4	3
1/1/2024 12:00	0.7	3.1	268	0.9	3.8	286	0.2	0.9	251
1/1/2024 11:30	0.8	2.2	270	0.9	3.1	279	0.2	1.1	266
1/1/2024 11:00	0.4	2.6	227	2.2	3.4	261	0.2	0.9	264
1/1/2024 10:30	0.2	3.5	230	1.7	3.6	255	0.2	1.4	229
1/1/2024 10:00	0.4	3.4	218	1.3	3.3	238	0.2	2.1	242
1/1/2024 9:30	0.4	1.3	155	1.6	2.0	227	0.2	2.2	245
1/1/2024 9:00	1.0	1.2	160	1.0	0.6	340	1.0	0.4	29
1/1/2024 8:30	6.3	1.4	159	0.6	1.7	190	0.7	0.6	159
1/1/2024 8:00	0.2	1.7	197	0.7	2.0	171	1.1	1.4	180
1/1/2024 7:30	0.2	1.5	187	0.7	3.5	193	1.7	2.2	203
1/1/2024 7:00	0.4	2.3	207	0.7	3.3	205	1.4	0.8	189
1/1/2024 6:30	0.5	3.2	210	0.9	2.6	206	1.7	0.8	144
1/1/2024 6:00	0.5	3.4	219	1.0	2.1	206	2.0	0.7	102
1/1/2024 5:30	0.4	4.2	212	1.6	3.0	209	2.9	2.0	191
1/1/2024 5:00	0.4	5.5	214	1.6	3.3	215	2.8	2.8	209
1/1/2024 4:30	0.2	4.8	217	1.7	3.4	210	1.3	1.9	221
1/1/2024 4:00	0.2	4.9	222	1.8	3.7	206	0.2	3.0	242
1/1/2024 3:30	0.2	4.8	228	1.6	3.9	220	0.2	2.4	260
1/1/2024 3:00	0.2	6.3	227	1.7	2.7	206	0.2	1.1	276
1/1/2024 2:30	0.4	5.3	221	1.0	0.8	113	0.2	0.5	63
1/1/2024 2:00	0.4	4.7	209	0.7	0.9	65	0.2	0.3	139
1/1/2024 1:30	0.4	1.8	174	0.9	1.4	166	AX	0.5	156
1/1/2024 1:00	0.2	3.3	199	AX	1.4	155	2.5	1.1	178
1/1/2024 0:30	AX	2.4	206	2.4	0.7	134	3.6	1.1	175

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
1/1/2024 0:00	0.2	3.8	207	1.9	1.2	250	2.1	1.8	196
12/31/2023 23:30	0.2	3.4	209	0.9	0.9	237	1.3	1.6	196
12/31/2023 23:00	0.2	3.0	206	1.4	1.3	171	1.4	1.8	188
12/31/2023 22:30	0.2	3.9	212	4.8	0.7	349	0.9	0.5	137
12/31/2023 22:00	0.2	4.2	202	3.5	0.9	245	1.4	0.8	159
12/31/2023 21:30	0.2	3.5	201	1.4	1.4	219	2.8	1.1	181
12/31/2023 21:00	0.2	3.0	205	2.5	1.9	208	3.4	1.4	182
12/31/2023 20:30	0.4	4.7	214	4.7	1.5	222	2.7	1.1	167
12/31/2023 20:00	0.5	4.3	216	4.3	1.4	230	2.0	0.9	158
12/31/2023 19:30	0.4	2.6	217	1.0	1.6	227	1.1	1.0	196
12/31/2023 19:00	0.2	2.1	220	0.5	0.8	231	1.2	1.1	202
12/31/2023 18:30	0.2	2.1	200	0.8	0.4	256	2.9	0.6	201
12/31/2023 18:00	0.2	2.2	176	1.1	1.2	157	2.3	0.5	216
12/31/2023 17:30	0.2	2.5	202	3.4	3.3	226	0.2	0.9	277
12/31/2023 17:00	0.2	5.7	240	3.6	5.3	240	0.2	2.3	264
12/31/2023 16:30	0.2	6.1	211	1.7	6.5	241	0.5	2.8	258
12/31/2023 16:00	0.2	5.7	212	1.1	6.1	236	1.0	3.7	224
12/31/2023 15:30	0.2	5.8	212	0.6	5.5	232	0.7	2.6	230
12/31/2023 15:00	0.2	11.9	217	0.6	5.4	230	0.2	3.5	228
12/31/2023 14:30	0.2	4.2	182	0.5	5.0	228	0.5	4.0	219
12/31/2023 14:00	0.2	5.8	217	0.5	5.4	227	0.5	3.5	196
12/31/2023 13:30	0.2	7.1	194	0.7	4.8	231	0.4	3.4	203
12/31/2023 13:00	0.2	5.1	212	0.8	5.3	240	0.2	3.7	212
12/31/2023 12:30	0.2	3.9	208	0.9	4.5	241	0.4	2.7	192
12/31/2023 12:00	0.2	4.8	196	1.0	4.2	226	0.4	2.8	201
12/31/2023 11:30	0.2	3.7	179	1.0	2.1	161	0.2	1.8	144
12/31/2023 11:00	0.5	2.2	202	1.4	1.3	146	1.0	1.5	113
12/31/2023 10:30	0.5	1.8	180	3.6	1.2	218	3.3	1.4	142
12/31/2023 10:00	0.4	2.8	178	3.9	1.7	204	1.5	1.3	176
12/31/2023 9:30	0.2	3.3	194	1.1	2.5	207	3.7	1.4	211
12/31/2023 9:00	0.2	2.3	187	0.7	1.4	226	0.5	0.8	221
12/31/2023 8:30	0.2	1.7	195	0.9	0.4	360	0.2	0.4	281
12/31/2023 8:00	0.2	1.3	188	0.9	0.6	343	0.2	0.4	334
12/31/2023 7:30	0.2	1.7	161	0.9	0.8	34	0.2	0.4	7
12/31/2023 7:00	0.2	2.1	166	0.7	0.5	6	0.2	0.4	306
12/31/2023 6:30	0.2	2.3	151	0.7	0.9	41	0.8	0.2	147
12/31/2023 6:00	0.2	2.0	173	0.7	0.6	299	0.8	0.2	131
12/31/2023 5:30	0.2	1.8	190	0.6	1.4	189	0.2	0.3	206
12/31/2023 5:00	0.2	2.1	182	0.6	1.3	168	0.2	0.5	169
12/31/2023 4:30	0.4	1.9	187	0.7	1.5	179	0.6	0.3	186
12/31/2023 4:00	0.4	1.9	184	0.7	1.5	176	0.2	0.3	288
12/31/2023 3:30	0.4	1.7	195	0.6	1.3	149	0.2	0.6	171
12/31/2023 3:00	0.5	1.8	168	0.9	0.9	109	0.7	0.4	165
12/31/2023 2:30	0.5	2.1	160	1.2	0.9	60	1.8	0.5	62
12/31/2023 2:00	0.6	2.0	167	2.0	0.7	67	BF	0.5	358
12/31/2023 1:30	1.5	2.0	196	BF	1.1	7	BF	0.4	156
12/31/2023 1:00	BF	2.9	219	BF	1.0	204	2.1	0.7	152
12/31/2023 0:30	BF	2.3	220	0.6	1.6	181	2.4	0.8	160

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
12/31/2023 0:00	0.2	2.8	213	2.8	1.6	216	4.8	1.4	183
12/30/2023 23:30	0.2	3.3	211	3.7	2.1	227	5.8	1.7	215
12/30/2023 23:00	0.2	3.7	203	0.9	3.1	212	2.9	1.9	218
12/30/2023 22:30	0.2	2.8	188	0.6	1.7	198	1.7	1.5	194
12/30/2023 22:00	0.2	3.0	200	0.7	2.2	202	3.1	1.7	209
12/30/2023 21:30	0.4	3.4	206	2.3	2.5	198	1.9	1.9	222
12/30/2023 21:00	0.2	4.7	224	2.8	2.7	205	1.7	1.9	213
12/30/2023 20:30	0.4	3.5	220	0.7	0.9	200	4.1	0.8	194
12/30/2023 20:00	0.2	1.7	198	0.9	1.1	229	2.8	0.4	197
12/30/2023 19:30	0.2	2.4	215	2.5	2.3	201	0.2	0.7	95
12/30/2023 19:00	0.4	1.5	213	4.6	1.6	205	0.2	0.7	284
12/30/2023 18:30	0.4	2.3	220	5.4	2.2	238	0.2	1.1	262
12/30/2023 18:00	0.2	2.8	219	4.2	3.5	260	0.2	1.1	266
12/30/2023 17:30	0.2	3.8	234	1.6	4.0	269	0.2	0.9	266
12/30/2023 17:00	0.2	3.2	254	0.7	4.4	284	0.2	0.7	281
12/30/2023 16:30	0.9	4.5	261	1.6	5.6	272	0.2	1.7	257
12/30/2023 16:00	0.7	6.9	258	2.1	7.7	259	0.2	2.8	262
12/30/2023 15:30	1.1	6.4	279	1.6	6.7	258	0.2	3.0	234
12/30/2023 15:00	1.7	6.4	295	1.6	7.9	252	0.2	2.6	261
12/30/2023 14:30	1.0	7.2	269	1.3	8.7	277	0.2	2.5	274
12/30/2023 14:00	0.6	7.7	261	1.3	6.5	271	0.2	3.0	259
12/30/2023 13:30	1.2	6.9	255	1.9	8.6	243	0.2	2.9	264
12/30/2023 13:00	0.8	8.1	251	1.9	8.2	254	0.2	3.9	247
12/30/2023 12:30	0.4	7.5	240	2.2	7.8	253	0.2	2.9	254
12/30/2023 12:00	0.4	6.9	256	1.9	8.5	263	0.2	3.4	260
12/30/2023 11:30	0.2	6.8	243	3.7	8.4	260	0.2	3.1	262
12/30/2023 11:00	0.5	7.3	261	2.3	7.9	252	0.2	3.4	259
12/30/2023 10:30	0.8	8.5	266	1.8	5.4	272	0.2	1.7	284
12/30/2023 10:00	0.9	6.1	258	1.7	5.2	265	0.2	1.3	282
12/30/2023 9:30	0.2	5.2	212	1.4	4.7	226	2.5	3.3	232
12/30/2023 9:00	0.2	5.1	211	1.8	5.6	227	0.2	3.7	245
12/30/2023 8:30	0.2	3.7	211	2.2	4.2	220	0.2	3.4	247
12/30/2023 8:00	0.2	3.6	213	2.1	4.1	223	0.2	3.4	251
12/30/2023 7:30	0.2	3.7	207	2.4	4.2	222	0.2	3.5	246
12/30/2023 7:00	0.2	3.2	208	2.2	4.2	219	0.2	3.0	242
12/30/2023 6:30	0.2	3.2	203	2.0	4.1	212	0.2	2.6	244
12/30/2023 6:00	0.2	2.9	209	1.4	3.3	208	0.2	2.5	252
12/30/2023 5:30	0.2	3.9	201	1.6	3.8	207	0.2	2.9	242
12/30/2023 5:00	0.2	4.7	210	1.2	3.8	219	4.6	2.3	229
12/30/2023 4:30	0.2	4.8	206	0.9	4.2	209	2.9	2.8	219
12/30/2023 4:00	0.2	5.0	206	1.8	3.5	217	1.3	3.4	234
12/30/2023 3:30	1.8	3.9	225	1.6	4.1	222	2.7	2.9	231
12/30/2023 3:00	0.2	5.0	199	0.8	3.8	214	2.6	3.1	218
12/30/2023 2:30	0.2	3.2	207	1.0	3.9	207	0.2	3.2	243
12/30/2023 2:00	0.2	3.0	197	1.2	3.6	206	0.2	3.0	243
12/30/2023 1:30	0.2	3.3	216	2.4	2.2	226	AX	2.5	244
12/30/2023 1:00	0.2	3.2	212	AX	3.8	209	0.2	2.4	251
12/30/2023 0:30	AX	3.8	225	2.6	3.5	211	0.2	2.3	252

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
12/30/2023 0:00	0.2	3.0	225	2.8	3.7	212	0.2	2.8	253
12/29/2023 23:30	0.2	3.7	226	3.1	3.1	215	0.2	3.1	252
12/29/2023 23:00	5.0	2.4	224	3.1	3.6	210	0.2	3.5	244
12/29/2023 22:30	0.2	2.5	214	2.8	2.7	211	0.2	2.8	248
12/29/2023 22:00	0.2	2.8	226	2.9	3.1	209	0.2	3.5	243
12/29/2023 21:30	0.4	2.4	201	3.8	3.2	220	0.2	2.9	240
12/29/2023 21:00	0.4	2.4	197	4.5	3.7	256	0.2	2.1	247
12/29/2023 20:30	0.2	2.7	217	3.2	3.1	258	0.2	2.2	244
12/29/2023 20:00	0.2	2.9	231	2.7	3.8	268	0.2	1.1	257
12/29/2023 19:30	0.4	3.2	232	4.9	4.1	247	0.2	2.7	249
12/29/2023 19:00	1.6	3.7	241	2.3	3.7	235	0.2	2.3	250
12/29/2023 18:30	0.4	4.2	234	4.0	3.8	245	0.2	2.2	249
12/29/2023 18:00	0.2	4.7	217	1.9	5.6	232	0.2	3.4	249
12/29/2023 17:30	0.4	6.4	239	4.0	6.7	245	0.2	2.4	252
12/29/2023 17:00	0.4	6.5	237	3.2	6.8	248	0.2	2.3	252
12/29/2023 16:30	0.4	8.2	250	3.7	9.0	258	0.2	2.9	263
12/29/2023 16:00	0.2	8.7	253	2.2	8.5	264	0.2	2.2	269
12/29/2023 15:30	0.4	7.2	253	2.8	8.3	261	0.2	2.1	262
12/29/2023 15:00	0.2	9.5	257	2.5	10.0	262	0.2	5.0	260
12/29/2023 14:30	0.2	8.8	254	3.0	10.2	247	0.2	5.0	242
12/29/2023 14:00	0.2	9.0	250	3.6	9.7	252	0.2	3.9	247
12/29/2023 13:30	0.2	8.9	252	2.2	9.5	246	0.2	5.0	251
12/29/2023 13:00	0.5	9.1	241	1.4	8.4	232	0.8	4.3	244
12/29/2023 12:30	0.5	9.2	231	1.6	9.5	238	0.2	4.9	240
12/29/2023 12:00	0.2	8.8	236	1.0	8.6	238	0.2	2.9	242
12/29/2023 11:30	0.6	7.4	228	1.2	7.5	235	0.7	3.9	255
12/29/2023 11:00	0.6	6.3	213	0.9	6.9	229	0.7	3.4	246
12/29/2023 10:30	0.5	8.0	209	0.9	6.9	223	1.6	4.3	216
12/29/2023 10:00	0.5	6.3	197	0.8	5.4	219	2.2	3.2	202
12/29/2023 9:30	0.2	6.1	208	0.9	5.5	217	0.7	3.5	225
12/29/2023 9:00	0.6	5.4	208	1.1	4.6	214	0.9	3.3	239
12/29/2023 8:30	0.6	4.0	210	0.9	3.4	213	5.2	2.3	221
12/29/2023 8:00	0.4	2.4	208	2.4	1.8	217	5.3	1.1	194
12/29/2023 7:30	0.2	2.6	223	2.2	1.5	219	1.3	0.4	316
12/29/2023 7:00	0.2	2.7	220	2.1	0.6	222	1.0	0.3	6
12/29/2023 6:30	0.4	2.7	212	1.1	0.7	222	0.2	0.3	320
12/29/2023 6:00	0.5	2.1	221	0.8	0.4	242	0.6	0.2	9
12/29/2023 5:30	0.5	2.3	216	0.8	0.5	244	1.1	0.3	152
12/29/2023 5:00	0.7	2.1	209	0.8	0.8	224	0.5	0.5	168
12/29/2023 4:30	0.6	1.7	210	0.7	0.5	262	0.2	0.5	98
12/29/2023 4:00	0.4	2.1	206	0.6	0.9	266	0.2	0.2	213
12/29/2023 3:30	0.5	1.1	199	0.8	0.5	289	0.5	0.3	195
12/29/2023 3:00	0.6	1.3	194	1.2	0.2	322	0.5	0.2	96
12/29/2023 2:30	0.8	1.7	190	1.0	0.4	359	1.2	0.2	0
12/29/2023 2:00	0.9	1.3	193	1.3	0.2	21	0.6	0.2	13
12/29/2023 1:30	0.6	1.1	194	1.7	0.5	18	AX	0.2	10
12/29/2023 1:00	0.2	2.2	221	AX	0.5	193	1.4	0.2	88
12/29/2023 0:30	AX	2.4	216	5.5	1.1	210	1.2	0.3	112

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