



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 01, 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
11/24/2023 00:00	11/30/2023 23:59	1.9	0.7	1.0

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

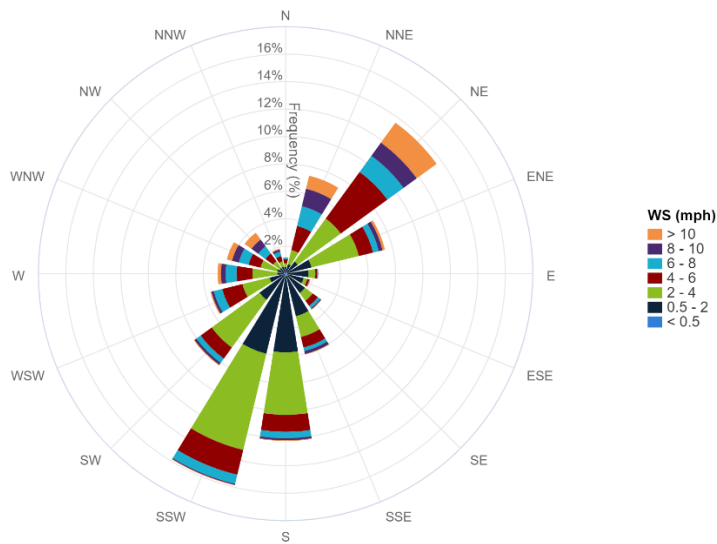
Attachments:

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 11/24/2023 00:00 to 11/30/2023 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 00:00 – 24:00	Station 1	Station 2	Station 3
11/18/2023 00:00	11/24/2023 23:59	3.5	0.8	0.6	11/24/2023	2.0	0.6	0.9
11/19/2023 00:00	11/25/2023 23:59	3.2	0.7	0.6	11/25/2023	3.0	0.4	0.3
11/20/2023 00:00	11/26/2023 23:59	3.1	0.8	0.7	11/26/2023	2.8	0.9	0.8
11/21/2023 00:00	11/27/2023 23:59	2.7	0.9	0.7	11/27/2023	0.2	1.0	0.7
11/22/2023 00:00	11/28/2023 23:59	2.5	0.8	0.8	11/28/2023	0.9	0.7	1.1
11/23/2023 00:00	11/29/2023 23:59	2.6	0.8	0.9	11/29/2023	3.0	0.6	1.4
11/24/2023 00:00	11/30/2023 23:59	1.9	0.7	1.0	11/30/2023	1.1	0.9	1.6

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
12/1/2023 0:00	0.2	0.9	220	1.0	0.4	35	1.9	0.4	7
11/30/2023 23:30	0.2	2.0	212	1.0	0.2	333	2.9	0.2	332
11/30/2023 23:00	0.2	1.5	197	0.7	0.2	6	2.1	0.2	343
11/30/2023 22:30	0.2	0.9	221	0.9	0.4	4	2.6	0.5	359
11/30/2023 22:00	0.2	1.2	220	0.7	0.3	321	3.2	0.4	225
11/30/2023 21:30	0.2	1.8	188	0.6	0.3	35	2.8	0.3	307
11/30/2023 21:00	0.2	1.7	221	0.8	0.3	2	2.3	0.3	246
11/30/2023 20:30	0.2	2.0	190	0.8	0.3	337	1.0	0.3	119
11/30/2023 20:00	0.2	1.4	173	0.7	0.8	41	1.6	0.5	16
11/30/2023 19:30	0.2	2.7	210	0.4	0.3	140	4.9	0.5	294
11/30/2023 19:00	0.2	2.7	214	0.2	0.3	136	4.4	0.7	236
11/30/2023 18:30	0.2	2.5	216	0.4	0.3	129	3.5	0.8	213
11/30/2023 18:00	0.2	2.9	212	0.5	0.3	323	1.9	0.3	233
11/30/2023 17:30	0.2	3.5	182	0.5	1.3	199	0.4	0.8	231
11/30/2023 17:00	0.2	3.5	172	0.5	1.9	190	0.2	1.1	203
11/30/2023 16:30	0.2	3.8	160	0.4	1.6	182	0.2	1.0	194
11/30/2023 16:00	0.2	4.1	161	0.2	2.1	178	0.2	1.8	187
11/30/2023 15:30	0.2	6.2	172	0.4	3.4	179	0.6	2.6	191
11/30/2023 15:00	0.2	7.8	182	0.5	4.1	194	0.4	3.2	200
11/30/2023 14:30	0.2	6.8	181	0.6	4.7	211	0.2	3.7	200
11/30/2023 14:00	0.2	6.5	185	0.5	4.4	207	0.8	3.0	198
11/30/2023 13:30	0.2	6.5	150	0.4	3.0	182	0.8	2.5	209
11/30/2023 13:00	0.2	6.7	165	0.4	3.3	158	0.2	2.5	158
11/30/2023 12:30	0.2	6.6	153	0.5	3.1	152	0.2	3.5	194
11/30/2023 12:00	0.2	3.5	159	0.6	2.5	154	0.2	2.8	161
11/30/2023 11:30	0.9	1.8	289	2.5	2.5	226	1.0	1.8	184
11/30/2023 11:00	1.6	1.4	326	1.2	1.6	192	0.2	1.1	34
11/30/2023 10:30	2.4	2.3	20	1.3	1.3	41	0.6	0.9	39
11/30/2023 10:00	4.9	3.5	35	1.3	1.7	55	0.9	1.2	97
11/30/2023 9:30	6.1	4.6	63	1.5	1.8	59	1.9	1.6	82
11/30/2023 9:00	15.8	4.0	46	1.5	0.8	35	2.8	1.6	4
11/30/2023 8:30	8.1	3.4	52	0.9	1.2	28	2.8	1.1	13
11/30/2023 8:00	5.7	1.6	35	1.3	1.7	42	2.4	1.1	18
11/30/2023 7:30	0.2	1.3	169	1.4	0.7	358	1.9	0.4	13
11/30/2023 7:00	0.2	1.9	192	1.2	0.5	18	2.4	0.3	110
11/30/2023 6:30	0.2	2.0	196	1.4	0.6	168	2.4	0.4	318
11/30/2023 6:00	0.2	1.9	192	1.9	0.3	1	2.0	0.3	344
11/30/2023 5:30	0.2	1.6	193	1.4	0.4	0	1.8	0.3	346
11/30/2023 5:00	0.2	2.0	192	0.8	0.3	359	1.8	0.3	194
11/30/2023 4:30	0.2	1.3	202	1.0	0.8	353	1.7	0.4	315
11/30/2023 4:00	0.2	1.3	173	1.2	0.6	5	1.6	0.4	330
11/30/2023 3:30	0.2	1.4	176	1.1	0.5	31	1.3	0.4	7
11/30/2023 3:00	0.2	1.4	180	1.5	0.5	358	1.4	0.4	309
11/30/2023 2:30	0.2	1.4	177	1.5	0.7	5	2.5	0.3	321
11/30/2023 2:00	0.2	1.4	176	0.8	0.4	13	1.5	0.2	323
11/30/2023 1:30	0.2	0.7	181	0.9	0.5	13	AX	0.4	315
11/30/2023 1:00	0.2	1.7	211	AX	0.4	276	1.1	0.3	255
11/30/2023 0:30	AX	2.0	205	0.5	0.3	192	1.0	0.2	253

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
11/30/2023 0:00	0.2	2.2	220	0.6	0.4	219	1.2	0.3	216
11/29/2023 23:30	0.2	1.8	195	0.7	0.2	287	1.3	0.4	242
11/29/2023 23:00	0.2	1.4	186	0.6	0.3	334	0.9	0.3	245
11/29/2023 22:30	0.2	2.2	192	0.6	0.3	7	1.1	0.4	121
11/29/2023 22:00	0.2	1.6	215	0.6	0.5	36	2.1	0.3	49
11/29/2023 21:30	0.2	1.7	169	0.6	0.4	243	5.1	0.5	239
11/29/2023 21:00	0.2	2.0	213	0.6	0.5	192	3.8	0.5	220
11/29/2023 20:30	0.2	3.3	237	0.8	1.1	159	4.2	1.1	155
11/29/2023 20:00	0.2	1.7	213	0.2	0.4	145	3.5	1.2	198
11/29/2023 19:30	0.2	2.1	212	0.2	0.2	246	5.0	0.5	176
11/29/2023 19:00	0.2	1.0	214	0.2	0.4	145	3.4	0.5	228
11/29/2023 18:30	0.2	1.6	205	0.2	1.1	200	3.9	0.5	265
11/29/2023 18:00	0.2	2.7	187	0.2	1.7	197	5.3	0.5	272
11/29/2023 17:30	0.2	4.1	197	0.2	3.4	208	4.5	1.0	231
11/29/2023 17:00	0.2	4.8	199	0.2	4.3	217	2.5	2.7	223
11/29/2023 16:30	0.2	4.7	195	0.2	5.2	225	1.4	3.0	217
11/29/2023 16:00	0.2	5.9	207	0.4	4.3	216	0.7	3.4	218
11/29/2023 15:30	0.2	5.8	195	0.4	5.8	228	0.8	3.6	208
11/29/2023 15:00	0.2	6.2	195	0.5	4.6	230	0.9	3.1	199
11/29/2023 14:30	0.2	4.7	218	1.1	5.4	241	0.7	3.3	232
11/29/2023 14:00	0.2	5.9	224	0.6	5.0	231	0.9	3.7	209
11/29/2023 13:30	0.2	4.9	202	0.6	5.1	229	1.1	4.5	216
11/29/2023 13:00	0.2	13.8	189	0.9	5.5	228	0.7	4.0	208
11/29/2023 12:30	0.2	4.9	194	0.8	5.3	252	0.6	3.0	210
11/29/2023 12:00	0.2	3.6	173	0.8	2.6	261	0.4	2.1	254
11/29/2023 11:30	0.2	3.4	204	0.7	2.3	176	0.2	2.3	180
11/29/2023 11:00	0.2	2.7	120	0.7	2.4	168	0.4	1.9	147
11/29/2023 10:30	0.2	4.8	130	0.8	2.3	170	0.6	1.4	153
11/29/2023 10:00	0.2	2.9	136	0.8	1.9	158	0.6	1.8	83
11/29/2023 9:30	1.1	1.5	69	0.9	1.2	284	0.7	0.5	359
11/29/2023 9:00	6.9	1.3	27	0.7	1.3	327	0.4	0.7	334
11/29/2023 8:30	11.1	0.7	86	0.7	0.5	351	0.2	0.6	15
11/29/2023 8:00	9.8	1.5	81	0.7	0.5	10	0.5	0.5	21
11/29/2023 7:30	10.7	1.8	74	0.7	0.5	22	0.4	0.5	11
11/29/2023 7:00	15.3	2.0	67	0.6	0.5	28	0.2	0.4	28
11/29/2023 6:30	14.6	2.1	61	0.6	0.5	26	0.2	0.5	8
11/29/2023 6:00	15.6	2.9	62	0.5	0.7	33	0.2	0.5	18
11/29/2023 5:30	8.3	1.5	99	0.4	0.7	17	0.4	0.5	12
11/29/2023 5:00	9.2	1.9	77	0.5	0.6	28	0.2	0.6	28
11/29/2023 4:30	7.9	1.9	83	0.6	0.9	358	0.2	0.5	8
11/29/2023 4:00	5.3	2.6	63	0.6	1.2	30	0.4	0.6	32
11/29/2023 3:30	5.6	2.1	80	0.5	1.3	34	0.4	0.7	39
11/29/2023 3:00	2.4	1.1	175	0.5	0.7	34	0.2	0.8	20
11/29/2023 2:30	2.2	1.0	184	0.5	0.9	32	0.5	0.9	11
11/29/2023 2:00	2.5	1.5	204	0.6	1.0	8	0.2	0.4	319
11/29/2023 1:30	2.6	1.8	184	0.7	0.7	13	AX	0.3	194
11/29/2023 1:00	2.7	1.6	203	AX	0.9	15	0.2	0.4	324
11/29/2023 0:30	AX	1.3	189	0.5	0.9	33	0.4	0.4	343

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
11/29/2023 0:00	4.1	1.2	140	0.4	0.9	32	0.4	0.4	332
11/28/2023 23:30	3.1	1.4	133	0.4	1.1	27	0.2	0.8	258
11/28/2023 23:00	3.1	1.6	155	0.2	0.9	28	0.4	0.6	343
11/28/2023 22:30	2.7	1.7	190	0.2	1.0	354	0.6	0.8	219
11/28/2023 22:00	4.6	1.3	143	0.2	1.2	26	0.8	0.6	33
11/28/2023 21:30	2.2	1.7	125	0.5	1.3	55	1.1	0.7	52
11/28/2023 21:00	2.3	1.3	199	0.4	0.8	29	0.7	0.6	325
11/28/2023 20:30	3.9	2.0	154	0.2	1.3	39	0.7	0.6	4
11/28/2023 20:00	2.3	2.4	158	0.2	1.5	42	0.7	0.8	51
11/28/2023 19:30	1.3	3.1	55	0.2	1.6	91	0.4	1.2	231
11/28/2023 19:00	3.0	2.5	12	0.2	0.9	15	0.2	0.7	314
11/28/2023 18:30	0.2	1.9	258	0.2	1.3	45	0.2	0.8	111
11/28/2023 18:00	1.2	3.9	340	0.4	2.1	1	0.2	0.5	325
11/28/2023 17:30	0.2	3.7	276	0.4	2.5	326	0.5	0.8	272
11/28/2023 17:00	0.2	4.8	279	0.5	3.6	287	0.5	0.6	260
11/28/2023 16:30	0.2	9.4	297	0.2	5.7	289	0.2	1.3	306
11/28/2023 16:00	0.2	10.0	313	0.4	6.7	291	0.2	1.3	307
11/28/2023 15:30	0.2	6.6	302	0.4	5.7	289	0.2	1.4	317
11/28/2023 15:00	0.2	6.2	308	0.7	6.4	273	0.2	1.5	306
11/28/2023 14:30	0.2	8.1	299	0.5	6.9	286	0.2	2.3	305
11/28/2023 14:00	0.2	9.2	290	0.9	8.0	278	0.2	2.6	319
11/28/2023 13:30	0.2	9.9	288	1.0	7.9	272	0.2	2.7	283
11/28/2023 13:00	0.2	8.5	277	1.2	8.2	262	0.2	3.7	262
11/28/2023 12:30	0.2	10.7	280	1.1	8.4	275	0.2	2.5	312
11/28/2023 12:00	0.2	8.3	279	1.4	8.1	263	0.2	3.5	265
11/28/2023 11:30	0.2	8.1	252	2.4	8.8	246	0.2	4.3	249
11/28/2023 11:00	0.2	7.5	230	2.0	7.5	239	0.6	3.7	241
11/28/2023 10:30	0.2	6.2	207	0.8	5.7	218	4.3	3.1	228
11/28/2023 10:00	0.2	4.7	208	1.1	4.4	219	9.6	2.1	219
11/28/2023 9:30	0.2	3.7	211	2.6	3.8	227	8.1	1.6	214
11/28/2023 9:00	0.2	4.1	211	0.9	3.0	222	5.2	1.3	201
11/28/2023 8:30	0.2	3.3	202	0.7	2.4	205	2.7	0.5	277
11/28/2023 8:00	0.2	2.8	211	0.6	1.0	210	1.5	0.4	286
11/28/2023 7:30	0.2	3.1	208	0.6	0.4	120	1.6	0.3	71
11/28/2023 7:00	0.2	2.1	192	0.6	0.4	45	1.5	0.3	181
11/28/2023 6:30	0.2	2.2	188	0.7	0.5	324	1.4	0.2	248
11/28/2023 6:00	0.2	3.1	190	0.9	0.3	204	1.1	0.5	225
11/28/2023 5:30	0.2	2.9	188	1.0	0.7	1	0.4	0.5	244
11/28/2023 5:00	0.2	2.4	182	0.9	0.6	352	0.4	0.3	221
11/28/2023 4:30	0.2	2.2	186	1.0	0.8	18	0.4	0.3	307
11/28/2023 4:00	0.2	2.0	196	0.8	1.1	347	0.5	0.3	146
11/28/2023 3:30	0.2	1.5	190	0.6	0.8	9	0.4	0.3	28
11/28/2023 3:00	0.2	2.3	198	0.6	0.7	3	0.4	0.3	328
11/28/2023 2:30	0.2	2.8	207	0.6	0.7	10	0.8	0.3	315
11/28/2023 2:00	0.2	2.7	200	0.7	0.7	25	0.2	0.2	107
11/28/2023 1:30	0.2	2.7	270	0.8	0.4	28	AX	0.4	100
11/28/2023 1:00	0.6	5.8	328	AX	0.9	56	0.6	0.4	88
11/28/2023 0:30	AX	7.1	329	0.4	0.5	53	0.4	0.3	269

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
11/28/2023 0:00	0.2	4.7	324	0.4	0.6	29	0.2	0.3	339
11/27/2023 23:30	0.4	2.0	259	0.4	1.0	0	0.7	0.4	323
11/27/2023 23:00	1.0	1.6	118	0.5	0.9	20	0.9	0.4	1
11/27/2023 22:30	0.2	1.1	127	0.6	0.8	25	0.8	0.4	0
11/27/2023 22:00	0.2	1.5	193	0.7	0.7	23	0.8	0.3	277
11/27/2023 21:30	0.2	2.1	194	1.1	0.6	24	0.8	0.5	323
11/27/2023 21:00	0.2	2.1	178	1.6	0.5	19	0.9	0.3	329
11/27/2023 20:30	0.2	3.1	195	1.5	0.4	358	1.0	0.4	306
11/27/2023 20:00	0.2	3.5	218	2.0	0.3	240	0.7	0.2	319
11/27/2023 19:30	0.2	3.4	208	2.3	0.4	98	0.5	0.3	64
11/27/2023 19:00	0.2	3.5	245	3.6	0.8	185	0.5	0.5	0
11/27/2023 18:30	0.2	4.5	241	2.4	0.9	178	0.8	0.3	303
11/27/2023 18:00	0.2	3.2	222	0.8	0.4	166	0.7	0.4	270
11/27/2023 17:30	0.2	2.1	213	0.5	1.3	320	0.8	0.6	256
11/27/2023 17:00	0.2	3.1	270	0.5	3.5	273	0.6	0.9	248
11/27/2023 16:30	0.2	5.6	293	0.6	5.6	274	0.2	1.0	283
11/27/2023 16:00	0.2	5.7	296	0.5	4.8	288	0.2	0.9	309
11/27/2023 15:30	0.2	7.2	286	0.7	7.2	281	0.4	1.7	290
11/27/2023 15:00	0.2	9.7	306	0.9	8.8	268	0.5	3.2	256
11/27/2023 14:30	0.2	9.8	302	0.8	8.5	278	0.2	2.7	281
11/27/2023 14:00	0.2	7.9	292	1.2	8.4	259	0.2	2.1	302
11/27/2023 13:30	0.2	6.1	271	0.7	6.7	283	0.2	2.7	267
11/27/2023 13:00	0.2	5.5	265	1.2	6.0	257	0.2	1.9	282
11/27/2023 12:30	0.2	4.8	298	0.9	5.3	279	0.5	1.8	329
11/27/2023 12:00	0.2	4.0	283	0.6	4.7	320	0.5	1.4	326
11/27/2023 11:30	0.2	7.5	292	0.6	5.7	290	0.4	1.8	323
11/27/2023 11:00	0.4	7.8	303	1.2	5.4	269	0.5	1.6	332
11/27/2023 10:30	0.4	4.6	281	1.4	5.0	270	0.2	1.4	323
11/27/2023 10:00	0.2	5.1	255	1.3	3.7	292	0.4	1.6	267
11/27/2023 9:30	0.2	2.8	255	1.1	2.9	293	0.5	1.6	237
11/27/2023 9:00	0.2	2.9	270	0.7	2.2	305	0.4	0.8	311
11/27/2023 8:30	0.2	3.2	249	0.6	3.2	288	0.2	0.6	318
11/27/2023 8:00	0.2	3.1	264	0.8	3.3	279	0.5	1.0	270
11/27/2023 7:30	0.2	3.9	275	0.6	3.7	282	0.4	0.8	294
11/27/2023 7:00	0.2	3.7	267	0.7	4.4	277	0.5	0.9	273
11/27/2023 6:30	0.2	3.8	280	0.7	3.8	278	0.4	0.8	273
11/27/2023 6:00	0.2	3.7	280	0.6	3.9	278	0.5	1.1	255
11/27/2023 5:30	0.2	4.9	277	1.3	5.5	276	0.5	0.8	272
11/27/2023 5:00	0.2	4.1	274	0.7	5.0	276	0.5	0.7	285
11/27/2023 4:30	0.2	5.1	257	1.0	5.6	281	0.5	1.3	276
11/27/2023 4:00	0.2	5.2	254	1.0	3.7	278	0.6	1.1	246
11/27/2023 3:30	0.2	4.9	247	2.7	4.4	267	0.5	1.0	254
11/27/2023 3:00	0.2	3.4	248	1.7	5.0	240	0.4	1.9	255
11/27/2023 2:30	0.2	4.1	214	1.0	5.0	228	1.2	2.9	256
11/27/2023 2:00	0.2	4.0	208	0.7	3.3	214	6.8	1.4	254
11/27/2023 1:30	0.2	3.6	203	0.8	2.7	214	AX	1.2	224
11/27/2023 1:00	0.5	4.1	188	AX	2.6	195	2.3	1.8	191
11/27/2023 0:30	AX	4.0	199	0.6	3.3	207	2.6	1.8	231

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
11/27/2023 0:00	0.2	4.2	221	2.0	3.5	234	0.4	1.3	227
11/26/2023 23:30	0.2	5.2	240	2.6	5.9	252	0.2	1.6	225
11/26/2023 23:00	0.2	3.5	210	0.9	4.2	232	3.1	1.5	248
11/26/2023 22:30	0.2	2.4	197	0.7	2.5	222	1.6	0.8	255
11/26/2023 22:00	0.2	2.7	200	1.2	2.9	224	0.5	1.0	265
11/26/2023 21:30	0.2	2.5	248	2.7	2.7	262	0.7	0.6	292
11/26/2023 21:00	0.2	2.5	208	3.4	2.6	232	2.1	0.7	269
11/26/2023 20:30	0.2	2.9	244	2.5	2.2	246	1.7	0.8	261
11/26/2023 20:00	0.2	4.3	186	0.6	2.5	196	0.4	2.1	192
11/26/2023 19:30	0.2	3.8	189	0.7	2.5	202	2.5	1.9	183
11/26/2023 19:00	0.4	2.6	193	0.7	2.2	199	3.5	0.5	211
11/26/2023 18:30	0.2	2.9	198	0.7	2.6	211	1.8	0.6	232
11/26/2023 18:00	0.2	2.2	207	1.9	1.0	221	0.8	0.5	186
11/26/2023 17:30	0.2	2.7	235	1.8	2.3	330	0.6	1.5	237
11/26/2023 17:00	0.2	3.3	261	0.7	2.4	280	0.7	1.2	272
11/26/2023 16:30	0.2	2.9	308	1.7	1.8	338	1.4	1.0	241
11/26/2023 16:00	0.2	4.6	205	0.5	2.3	252	0.6	1.7	222
11/26/2023 15:30	0.2	3.0	190	0.5	1.8	201	0.5	1.4	196
11/26/2023 15:00	0.2	2.8	191	0.5	1.5	197	0.4	1.1	208
11/26/2023 14:30	0.2	2.0	160	0.5	1.4	114	0.2	1.3	147
11/26/2023 14:00	0.2	3.7	143	0.5	1.5	134	0.4	1.2	168
11/26/2023 13:30	0.5	3.2	98	0.7	1.4	75	0.5	1.4	93
11/26/2023 13:00	1.0	1.6	22	0.8	1.6	240	0.2	1.3	350
11/26/2023 12:30	0.5	4.0	18	0.6	1.7	3	0.2	1.9	52
11/26/2023 12:00	0.4	5.8	43	0.5	1.5	53	0.2	2.1	52
11/26/2023 11:30	0.2	6.7	51	0.6	2.6	51	0.2	2.8	60
11/26/2023 11:00	0.4	5.5	50	0.7	2.3	45	0.2	2.4	63
11/26/2023 10:30	2.3	3.9	38	0.8	1.9	67	0.5	2.5	33
11/26/2023 10:00	3.0	4.1	35	0.9	1.7	17	0.7	2.3	358
11/26/2023 9:30	2.5	5.0	16	0.9	1.7	344	0.7	2.3	352
11/26/2023 9:00	3.0	6.9	18	0.7	1.0	355	0.6	2.4	349
11/26/2023 8:30	7.3	5.5	21	0.6	0.9	6	0.2	2.5	358
11/26/2023 8:00	8.2	4.6	27	0.6	0.6	22	0.5	0.5	247
11/26/2023 7:30	4.9	5.5	33	0.6	1.4	46	0.7	0.5	74
11/26/2023 7:00	6.5	6.2	38	0.5	1.7	45	0.6	1.1	33
11/26/2023 6:30	1.9	1.9	326	0.5	0.6	5	0.4	0.3	25
11/26/2023 6:00	3.9	1.7	319	0.5	0.2	13	0.4	0.2	308
11/26/2023 5:30	7.4	3.1	38	0.4	0.8	24	0.2	0.2	283
11/26/2023 5:00	8.8	2.7	55	0.5	0.7	26	0.4	0.2	310
11/26/2023 4:30	13.8	1.9	53	0.5	0.6	21	0.2	0.2	326
11/26/2023 4:00	12.0	2.0	55	0.5	1.1	36	0.5	0.2	294
11/26/2023 3:30	14.4	2.6	43	0.5	1.1	45	0.8	0.2	304
11/26/2023 3:00	9.2	2.1	52	0.7	0.9	51	1.2	0.3	279
11/26/2023 2:30	8.7	3.0	56	0.7	1.1	45	1.7	0.5	345
11/26/2023 2:00	1.6	1.3	136	1.3	0.8	358	BF	0.3	320
11/26/2023 1:30	3.1	1.7	84	BF	0.6	12	BF	0.4	291
11/26/2023 1:00	BF	3.3	53	BF	1.0	16	0.6	0.3	317
11/26/2023 0:30	BF	3.9	59	0.2	1.2	40	0.6	0.3	290

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
11/26/2023 0:00	0.2	1.3	167	0.2	1.4	40	0.6	0.5	344
11/25/2023 23:30	0.2	2.0	160	0.2	0.6	36	0.6	0.5	253
11/25/2023 23:00	0.2	1.7	88	0.4	0.8	32	0.5	0.4	290
11/25/2023 22:30	0.5	3.6	56	0.4	1.6	358	0.5	0.9	330
11/25/2023 22:00	1.2	5.1	51	0.4	1.6	31	0.5	0.9	24
11/25/2023 21:30	1.1	4.5	40	0.4	1.3	10	0.5	0.4	356
11/25/2023 21:00	0.6	3.1	78	0.4	1.1	22	0.5	0.3	5
11/25/2023 20:30	0.6	1.4	165	0.2	1.2	45	0.4	0.3	353
11/25/2023 20:00	0.2	1.9	111	0.5	1.5	6	0.2	0.4	332
11/25/2023 19:30	0.5	2.9	68	0.5	1.2	16	0.2	0.5	6
11/25/2023 19:00	0.2	3.0	66	0.2	1.0	22	0.2	0.5	20
11/25/2023 18:30	0.2	4.1	54	0.2	1.0	16	0.4	0.2	353
11/25/2023 18:00	0.5	5.1	46	0.2	0.5	60	0.2	0.5	28
11/25/2023 17:30	0.8	6.3	36	0.4	1.1	56	0.2	2.0	30
11/25/2023 17:00	0.2	7.5	48	0.4	1.8	58	0.2	2.5	44
11/25/2023 16:30	0.2	7.0	53	0.4	2.3	61	0.2	3.0	61
11/25/2023 16:00	0.2	8.9	40	0.5	2.3	46	0.2	3.7	48
11/25/2023 15:30	0.2	7.9	32	0.5	3.5	11	0.2	3.1	45
11/25/2023 15:00	0.2	6.7	45	0.4	3.4	60	0.2	3.9	53
11/25/2023 14:30	0.2	9.0	35	0.2	3.0	47	0.2	4.1	53
11/25/2023 14:00	0.2	9.1	47	0.2	3.0	73	0.2	3.6	65
11/25/2023 13:30	0.6	10.6	30	0.2	3.5	63	0.2	5.0	68
11/25/2023 13:00	0.6	8.7	29	0.4	3.5	57	0.2	4.0	69
11/25/2023 12:30	0.2	8.7	36	0.4	3.3	70	0.2	4.7	62
11/25/2023 12:00	0.4	10.6	46	0.5	4.1	78	0.2	3.7	59
11/25/2023 11:30	0.9	10.6	39	0.7	3.6	63	0.2	5.0	42
11/25/2023 11:00	0.5	10.3	53	0.7	3.8	34	0.2	5.5	54
11/25/2023 10:30	1.8	11.8	42	0.7	3.7	62	0.2	5.5	59
11/25/2023 10:00	1.9	13.6	48	0.6	3.7	61	0.2	6.0	44
11/25/2023 9:30	2.9	13.8	45	0.6	3.9	61	0.4	4.9	49
11/25/2023 9:00	6.0	13.0	37	0.5	3.4	54	0.5	5.3	51
11/25/2023 8:30	5.6	11.0	34	0.4	2.3	43	0.5	4.0	33
11/25/2023 8:00	7.4	10.3	34	0.5	2.2	49	0.4	3.6	37
11/25/2023 7:30	7.6	8.6	34	0.5	1.5	56	0.4	2.8	33
11/25/2023 7:00	8.9	9.2	34	0.5	1.2	56	0.2	3.0	37
11/25/2023 6:30	8.9	8.7	35	0.5	1.5	52	0.2	3.0	36
11/25/2023 6:00	10.1	8.5	33	0.5	1.1	57	0.2	2.6	34
11/25/2023 5:30	8.2	7.1	39	0.4	0.8	27	0.5	1.9	24
11/25/2023 5:00	11.3	5.4	35	0.4	1.1	353	0.5	0.4	352
11/25/2023 4:30	8.7	4.4	40	0.2	0.6	16	0.5	0.9	323
11/25/2023 4:00	7.0	4.9	41	0.4	0.8	2	0.5	0.3	311
11/25/2023 3:30	6.6	4.0	44	0.4	1.2	3	0.4	0.6	336
11/25/2023 3:00	5.1	3.8	52	0.4	0.8	16	0.2	0.2	336
11/25/2023 2:30	1.9	5.4	48	0.5	1.8	351	0.2	0.3	343
11/25/2023 2:00	2.6	5.4	44	0.6	1.3	12	0.8	0.2	315
11/25/2023 1:30	14.2	4.6	46	0.7	0.7	21	AX	0.4	343
11/25/2023 1:00	4.8	4.4	50	AX	1.3	345	0.4	0.4	39
11/25/2023 0:30	AX	3.2	59	0.5	1.0	3	0.2	0.2	165

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
11/25/2023 0:00	6.5	3.4	57	0.4	1.4	31	0.4	0.6	337
11/24/2023 23:30	8.1	1.8	73	0.4	1.0	38	0.5	0.5	338
11/24/2023 23:00	5.7	2.3	51	0.2	1.3	25	0.4	0.4	340
11/24/2023 22:30	5.6	3.7	52	0.4	1.6	31	0.4	0.5	20
11/24/2023 22:00	7.4	1.4	93	0.4	0.9	36	0.2	0.5	22
11/24/2023 21:30	4.0	1.1	168	0.4	0.5	9	0.4	0.2	359
11/24/2023 21:00	0.7	1.1	169	0.5	0.4	11	0.2	0.3	52
11/24/2023 20:30	0.6	1.4	157	0.4	0.9	12	0.2	0.3	3
11/24/2023 20:00	0.8	2.1	97	0.5	1.4	15	0.5	0.4	18
11/24/2023 19:30	0.5	2.2	78	0.5	1.7	17	0.2	0.4	28
11/24/2023 19:00	0.8	1.1	177	0.5	0.9	35	0.6	0.3	356
11/24/2023 18:30	0.2	1.7	138	0.5	0.8	36	0.6	0.3	315
11/24/2023 18:00	6.0	2.8	36	0.6	0.8	27	0.5	0.5	269
11/24/2023 17:30	11.1	4.3	20	0.5	0.6	61	0.4	1.1	24
11/24/2023 17:00	12.3	6.5	19	0.6	1.0	8	0.5	1.2	353
11/24/2023 16:30	3.3	7.8	25	0.6	2.3	20	0.5	2.1	32
11/24/2023 16:00	1.9	8.3	20	0.6	1.5	35	0.2	1.9	28
11/24/2023 15:30	0.6	5.9	38	0.5	2.5	26	0.2	2.9	33
11/24/2023 15:00	0.5	2.3	27	0.6	2.5	356	0.4	1.3	35
11/24/2023 14:30	0.2	2.0	236	0.5	1.9	140	0.4	1.3	27
11/24/2023 14:00	0.2	3.8	313	0.5	2.4	7	0.4	1.8	10
11/24/2023 13:30	0.6	6.4	324	0.6	4.8	295	0.4	1.1	309
11/24/2023 13:00	0.2	5.1	59	0.6	2.3	58	0.4	3.1	48
11/24/2023 12:30	0.2	3.8	74	0.5	1.3	60	0.2	2.0	47
11/24/2023 12:00	0.2	1.4	242	0.8	1.8	307	0.5	1.4	307
11/24/2023 11:30	0.2	3.0	252	0.8	2.5	271	0.5	0.8	257
11/24/2023 11:00	0.2	3.2	218	2.6	2.6	213	0.8	0.9	212
11/24/2023 10:30	0.2	1.7	194	0.8	2.6	212	5.3	1.6	169
11/24/2023 10:00	0.6	1.3	193	0.9	1.9	256	1.8	1.2	186
11/24/2023 9:30	0.8	1.4	203	1.3	1.2	239	4.7	1.1	185
11/24/2023 9:00	1.4	2.1	201	1.4	1.1	221	5.2	0.3	102
11/24/2023 8:30	1.2	2.1	198	0.8	1.1	12	1.7	0.6	197
11/24/2023 8:00	0.9	1.7	209	0.5	0.6	296	0.6	0.7	263
11/24/2023 7:30	2.4	1.4	100	0.5	0.9	21	0.5	0.8	52
11/24/2023 7:00	1.3	1.0	135	0.7	0.8	34	1.1	0.4	72
11/24/2023 6:30	0.6	0.8	173	0.6	1.1	28	0.7	0.6	4
11/24/2023 6:00	0.5	1.5	184	0.7	0.5	18	1.1	0.5	14
11/24/2023 5:30	0.2	1.4	224	0.5	0.7	12	0.5	0.3	324
11/24/2023 5:00	0.2	1.3	143	0.5	0.9	21	0.6	0.4	48
11/24/2023 4:30	0.6	1.4	194	0.5	0.6	58	0.6	0.3	118
11/24/2023 4:00	0.4	1.3	162	0.4	0.6	39	0.6	0.4	9
11/24/2023 3:30	0.5	1.4	176	0.4	0.6	42	0.4	0.3	316
11/24/2023 3:00	0.2	2.2	207	0.5	1.1	226	0.6	0.4	311
11/24/2023 2:30	0.8	1.5	162	0.5	0.3	42	0.7	0.3	42
11/24/2023 2:00	0.6	1.1	190	0.6	0.5	3	0.8	0.3	313
11/24/2023 1:30	0.7	1.4	177	0.8	0.5	14	AX	0.2	60
11/24/2023 1:00	0.8	1.2	162	AX	0.5	40	1.0	0.4	89
11/24/2023 0:30	AX	1.6	192	0.5	0.5	2	1.3	0.2	187

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