



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 10, 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
11/03/2023 00:00	11/09/2023 23:59	9.0	1.0	2.5

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

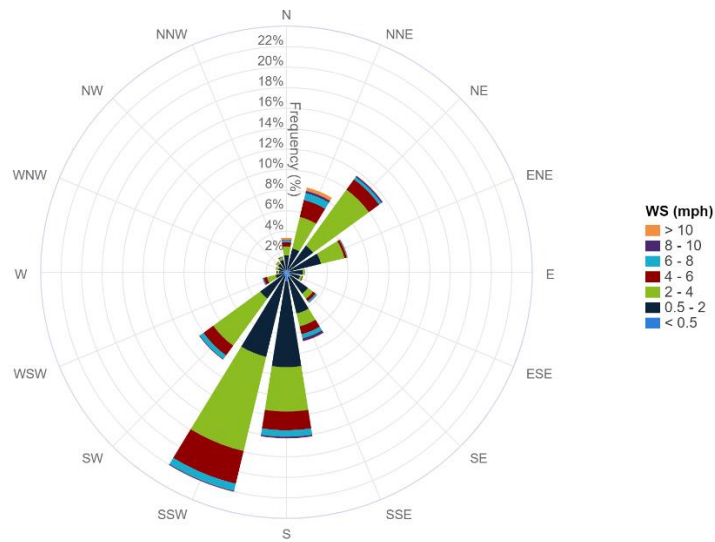
Attachments:

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 11/03/2023 00:00 to 11/09/2023 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)	Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3	Calendar Day	Station 1	Station 2	Station 3
							00:00 – 24:00			
10/28/2023	00:00	11/03/2023	23:59	8.8	1.3	1.3	11/03/2023	26.1	0.5	0.2
10/29/2023	00:00	11/04/2023	23:59	9.8	1.3	1.2	11/04/2023	12.2	0.5	0.2
10/30/2023	00:00	11/05/2023	23:59	10.9	1.1	1.0	11/05/2023	10.4	1.3	0.8
10/31/2023	00:00	11/06/2023	23:59	12.1	0.7	0.7	11/06/2023	8.7	1.2	2.8
11/01/2023	00:00	11/07/2023	23:59	10.4	0.8	1.5	11/07/2023	0.3	1.2	6.1
11/02/2023	00:00	11/08/2023	23:59	9.9	0.9	1.8	11/08/2023	4.9	1.0	2.0
11/03/2023	00:00	11/09/2023	23:59	9.0	1.0	2.5	11/09/2023	0.5	1.0	5.2

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
11/10/2023 0:00	0.2	4.6	194	0.5	1.7	204	1.2	1.2	192
11/9/2023 23:30	0.2	4.7	192	0.7	1.8	202	3.6	1.2	197
11/9/2023 23:00	0.2	4.5	193	0.7	1.7	204	8.0	0.9	213
11/9/2023 22:30	0.2	4.1	200	1.1	1.1	186	29.1	0.9	179
11/9/2023 22:00	0.4	4.8	205	3.4	1.4	224	34.2	1.1	212
11/9/2023 21:30	0.4	4.6	211	5.7	1.2	251	22.5	0.7	232
11/9/2023 21:00	0.7	4.7	202	1.0	1.3	221	8.6	1.2	199
11/9/2023 20:30	0.4	3.5	210	1.1	0.9	253	5.4	0.7	173
11/9/2023 20:00	0.2	1.7	204	0.6	0.5	169	2.3	0.6	215
11/9/2023 19:30	0.2	2.0	187	0.6	0.3	65	3.9	0.5	178
11/9/2023 19:00	0.2	2.2	191	0.6	0.4	28	6.1	0.5	198
11/9/2023 18:30	0.2	3.2	200	0.6	0.6	220	1.7	0.5	201
11/9/2023 18:00	0.2	3.4	191	0.4	0.8	106	2.5	0.6	198
11/9/2023 17:30	0.2	3.4	182	0.2	1.2	164	3.6	0.7	225
11/9/2023 17:00	0.2	4.7	194	0.5	2.6	201	13.5	1.6	202
11/9/2023 16:30	0.2	4.7	208	0.5	3.4	220	15.4	2.2	212
11/9/2023 16:00	0.2	4.0	201	0.6	3.9	215	11.2	2.8	220
11/9/2023 15:30	0.2	4.8	204	0.7	4.4	227	1.2	3.0	211
11/9/2023 15:00	0.2	5.6	210	0.6	4.5	205	2.2	3.1	216
11/9/2023 14:30	0.4	5.8	196	0.9	4.7	222	1.3	3.2	194
11/9/2023 14:00	0.5	5.9	219	0.7	4.6	209	1.7	3.8	204
11/9/2023 13:30	0.6	4.6	205	0.7	4.5	217	1.8	3.0	216
11/9/2023 13:00	0.5	5.9	206	0.7	5.1	218	1.9	3.4	206
11/9/2023 12:30	0.4	5.3	195	0.6	4.4	222	1.2	3.3	194
11/9/2023 12:00	0.2	5.0	197	0.6	4.3	230	2.4	3.6	194
11/9/2023 11:30	0.2	5.2	209	0.6	4.3	215	1.5	2.9	195
11/9/2023 11:00	0.5	4.6	194	0.6	3.5	209	2.4	2.8	185
11/9/2023 10:30	0.4	4.2	188	0.7	3.7	219	6.3	2.2	191
11/9/2023 10:00	0.4	2.4	195	0.7	1.9	201	2.6	1.0	155
11/9/2023 9:30	0.5	2.3	204	0.6	2.2	215	1.8	1.1	191
11/9/2023 9:00	0.5	1.7	187	0.6	0.9	190	0.8	0.5	184
11/9/2023 8:30	1.3	1.1	163	1.2	0.6	83	1.0	0.7	116
11/9/2023 8:00	1.2	1.1	227	1.5	0.9	352	1.6	1.1	104
11/9/2023 7:30	2.6	1.5	141	1.3	0.5	38	1.4	0.6	102
11/9/2023 7:00	1.0	1.8	75	1.9	1.0	68	2.8	0.3	96
11/9/2023 6:30	0.2	3.7	223	4.2	1.2	292	8.0	1.0	166
11/9/2023 6:00	0.2	4.6	199	1.7	1.0	255	4.9	1.6	187
11/9/2023 5:30	0.4	3.6	200	0.9	1.4	234	3.7	1.3	193
11/9/2023 5:00	0.8	1.4	224	0.9	0.9	238	3.2	0.8	190
11/9/2023 4:30	0.2	2.6	207	0.8	0.8	220	3.3	1.0	190
11/9/2023 4:00	0.6	1.8	197	0.7	0.7	190	6.6	0.7	214
11/9/2023 3:30	1.5	1.8	184	1.6	0.2	93	2.7	1.2	188
11/9/2023 3:00	0.2	2.6	233	0.7	0.3	219	1.0	1.3	207
11/9/2023 2:30	0.7	2.0	195	0.9	0.4	243	0.9	1.2	207
11/9/2023 2:00	1.5	0.8	105	0.7	0.3	46	0.9	0.5	119
11/9/2023 1:30	0.4	1.1	195	0.8	0.3	21	AX	0.4	321
11/9/2023 1:00	0.9	1.5	130	AX	0.3	65	0.6	0.3	126
11/9/2023 0:30	AX	1.4	186	0.8	0.2	59	1.0	0.4	105

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
11/9/2023 0:00	0.2	3.2	206	1.0	0.4	43	1.1	0.4	104
11/8/2023 23:30	0.2	3.1	203	1.7	0.2	37	7.1	0.4	244
11/8/2023 23:00	0.2	2.6	188	1.4	0.2	1	2.7	0.3	94
11/8/2023 22:30	0.2	1.6	181	1.3	0.3	80	2.3	0.3	95
11/8/2023 22:00	0.2	2.7	217	1.7	0.5	50	3.2	0.4	54
11/8/2023 21:30	0.2	3.2	232	1.0	0.2	79	6.3	0.2	77
11/8/2023 21:00	0.2	2.9	225	1.3	0.4	308	14.1	0.5	185
11/8/2023 20:30	0.2	2.6	220	1.3	0.7	138	9.4	0.8	269
11/8/2023 20:00	0.2	2.2	206	1.0	0.2	108	5.3	0.2	269
11/8/2023 19:30	0.2	1.5	199	0.9	0.2	200	6.7	0.2	231
11/8/2023 19:00	0.4	2.1	209	0.7	0.3	76	3.2	0.2	10
11/8/2023 18:30	0.2	2.5	202	0.6	0.6	75	1.9	0.3	339
11/8/2023 18:00	0.2	3.1	207	0.4	0.3	213	1.5	0.3	266
11/8/2023 17:30	0.2	2.9	178	0.2	0.6	120	1.2	0.6	215
11/8/2023 17:00	0.2	3.2	154	0.5	1.3	170	0.2	1.6	187
11/8/2023 16:30	0.4	4.7	164	0.5	2.2	188	0.4	1.9	189
11/8/2023 16:00	0.6	3.7	171	1.3	2.3	223	1.2	1.6	204
11/8/2023 15:30	0.5	3.2	200	1.8	1.8	180	1.6	1.7	207
11/8/2023 15:00	0.2	3.3	170	1.7	2.5	230	1.2	1.9	237
11/8/2023 14:30	0.2	3.4	188	1.3	4.6	224	1.9	2.1	251
11/8/2023 14:00	0.4	4.8	193	0.6	2.8	193	0.2	2.8	118
11/8/2023 13:30	0.2	4.5	213	0.6	3.5	205	1.2	2.2	202
11/8/2023 13:00	0.2	3.9	246	0.6	2.9	249	0.2	2.3	176
11/8/2023 12:30	0.5	2.4	25	0.6	2.1	110	0.5	1.6	187
11/8/2023 12:00	2.2	3.1	351	0.6	2.0	223	0.5	1.7	98
11/8/2023 11:30	9.5	1.8	360	0.7	1.5	70	0.6	1.3	51
11/8/2023 11:00	10.6	1.6	13	1.9	1.3	22	0.6	1.0	9
11/8/2023 10:30	30.6	2.0	13	0.7	1.2	28	0.7	0.8	71
11/8/2023 10:00	37.3	0.9	184	0.8	0.6	65	0.7	1.0	4
11/8/2023 9:30	32.9	1.4	82	0.8	0.7	25	0.8	0.5	15
11/8/2023 9:00	35.3	1.5	41	1.1	1.0	355	0.8	0.7	86
11/8/2023 8:30	20.9	0.8	105	1.4	0.5	50	1.3	0.9	55
11/8/2023 8:00	20.2	0.5	206	1.3	0.4	51	1.5	0.3	357
11/8/2023 7:30	3.9	0.5	260	0.9	0.3	11	1.1	0.3	1
11/8/2023 7:00	4.3	1.0	150	1.1	0.4	24	1.2	0.3	12
11/8/2023 6:30	3.5	1.3	187	1.3	0.2	350	1.2	0.2	349
11/8/2023 6:00	2.7	0.8	184	1.0	0.3	10	1.1	0.2	92
11/8/2023 5:30	5.2	0.7	231	1.0	0.3	32	1.4	0.3	24
11/8/2023 5:00	1.7	0.7	164	0.8	0.3	13	1.2	0.3	359
11/8/2023 4:30	1.3	0.8	171	0.7	0.3	8	0.7	0.2	23
11/8/2023 4:00	0.5	1.1	204	0.7	0.3	335	0.6	0.3	4
11/8/2023 3:30	1.2	0.9	66	0.7	0.3	54	0.7	0.4	53
11/8/2023 3:00	0.2	1.3	120	0.8	0.6	42	0.6	0.5	54
11/8/2023 2:30	0.7	1.1	133	0.7	0.4	41	0.6	0.4	63
11/8/2023 2:00	0.6	1.6	174	0.7	0.3	51	0.9	0.5	79
11/8/2023 1:30	0.2	2.6	207	0.8	0.4	34	AX	0.2	321
11/8/2023 1:00	0.2	2.2	201	AX	0.3	37	0.9	0.3	66
11/8/2023 0:30	AX	2.2	201	0.7	0.3	326	0.8	0.3	248

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
11/8/2023 0:00	0.2	1.4	190	0.6	0.3	52	0.7	0.3	80
11/7/2023 23:30	0.2	0.8	180	0.6	0.2	21	0.6	0.3	89
11/7/2023 23:00	0.2	1.5	207	0.7	0.2	28	0.7	0.4	62
11/7/2023 22:30	0.2	1.6	190	0.7	0.3	29	0.7	0.3	78
11/7/2023 22:00	0.7	1.2	147	0.9	0.2	61	0.8	0.5	75
11/7/2023 21:30	0.2	1.1	158	1.3	0.3	58	1.8	0.4	91
11/7/2023 21:00	0.2	0.8	120	1.6	0.2	82	2.7	0.2	79
11/7/2023 20:30	0.2	2.1	198	1.9	0.2	112	3.7	0.2	83
11/7/2023 20:00	0.2	1.8	175	2.1	0.2	196	7.5	0.2	355
11/7/2023 19:30	0.2	5.3	193	1.3	0.6	51	12.8	0.3	8
11/7/2023 19:00	0.4	2.2	192	1.5	0.4	159	17.8	0.6	192
11/7/2023 18:30	0.2	3.5	207	1.2	0.6	235	35.8	0.7	216
11/7/2023 18:00	0.2	2.2	200	1.1	0.3	84	28.6	0.3	307
11/7/2023 17:30	0.2	2.4	184	0.4	0.5	102	18.7	0.4	235
11/7/2023 17:00	0.2	4.5	205	0.4	2.9	206	12.8	1.1	202
11/7/2023 16:30	0.2	5.1	207	8.3	4.0	222	10.3	2.4	223
11/7/2023 16:00	0.2	4.9	215	1.0	4.8	224	7.2	2.8	222
11/7/2023 15:30	0.2	4.6	207	0.8	3.8	231	2.2	3.1	204
11/7/2023 15:00	0.2	5.0	192	0.6	3.8	227	0.8	2.8	193
11/7/2023 14:30	0.2	3.4	179	0.6	3.5	231	0.5	2.4	192
11/7/2023 14:00	0.2	3.6	173	0.6	3.0	222	1.0	2.6	209
11/7/2023 13:30	0.2	3.6	191	0.7	2.6	269	1.0	2.3	199
11/7/2023 13:00	0.2	2.1	74	0.8	2.5	227	1.5	1.7	150
11/7/2023 12:30	0.2	3.0	111	0.6	2.5	228	2.3	2.1	118
11/7/2023 12:00	0.2	2.9	189	0.5	3.0	237	6.2	2.0	178
11/7/2023 11:30	0.2	2.5	197	0.6	2.8	201	9.4	2.0	186
11/7/2023 11:00	0.2	2.5	207	1.2	3.2	224	10.8	2.1	190
11/7/2023 10:30	0.2	2.7	195	0.6	3.3	230	7.3	2.1	188
11/7/2023 10:00	0.2	3.7	192	0.7	3.2	221	9.9	1.7	181
11/7/2023 9:30	0.6	3.2	199	0.8	3.0	217	9.8	1.6	189
11/7/2023 9:00	0.2	3.0	210	0.8	2.1	230	5.4	1.8	193
11/7/2023 8:30	0.2	1.9	213	1.8	1.2	251	2.8	1.0	185
11/7/2023 8:00	0.2	0.9	219	1.9	0.3	309	5.5	0.2	147
11/7/2023 7:30	0.4	2.2	189	2.2	0.4	256	8.0	0.4	154
11/7/2023 7:00	0.5	0.7	169	1.0	0.6	43	5.2	0.5	66
11/7/2023 6:30	0.2	1.0	195	0.7	0.6	3	1.0	0.3	4
11/7/2023 6:00	0.2	1.1	198	1.0	0.2	332	1.3	0.2	351
11/7/2023 5:30	0.5	1.3	197	1.1	0.2	292	1.6	0.2	198
11/7/2023 5:00	0.4	1.3	193	1.0	0.3	335	2.3	0.2	128
11/7/2023 4:30	0.4	1.7	194	0.9	0.4	7	3.6	0.2	314
11/7/2023 4:00	0.5	1.3	186	0.7	0.3	21	3.2	0.3	9
11/7/2023 3:30	0.4	1.5	205	1.0	0.2	2	2.6	0.3	357
11/7/2023 3:00	0.4	1.7	200	1.4	0.3	340	2.6	0.3	114
11/7/2023 2:30	0.2	1.6	197	1.2	0.2	7	2.3	0.2	354
11/7/2023 2:00	0.4	1.9	203	1.5	0.2	26	3.0	0.3	78
11/7/2023 1:30	0.5	1.8	205	1.9	0.2	19	AX	0.2	29
11/7/2023 1:00	0.6	2.1	212	AX	0.3	13	4.4	0.2	2
11/7/2023 0:30	AX	2.4	230	3.1	0.4	41	4.9	0.3	57

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
11/7/2023 0:00	0.2	2.6	223	4.5	0.2	99	5.6	0.2	85
11/6/2023 23:30	0.2	2.3	220	6.1	0.2	8	6.7	0.2	118
11/6/2023 23:00	0.2	2.1	213	3.3	0.4	63	5.6	0.4	68
11/6/2023 22:30	0.2	2.3	232	1.2	0.3	53	4.0	0.3	72
11/6/2023 22:00	0.2	2.0	225	1.2	0.5	71	6.5	0.6	45
11/6/2023 21:30	0.2	2.9	228	2.1	0.5	67	9.7	0.4	122
11/6/2023 21:00	0.2	3.0	220	2.2	0.2	113	15.2	0.2	137
11/6/2023 20:30	0.2	2.3	223	1.7	0.3	254	10.2	0.2	360
11/6/2023 20:00	0.6	1.7	209	1.0	0.5	136	3.6	0.4	291
11/6/2023 19:30	0.2	3.1	217	0.8	0.6	53	3.1	0.5	16
11/6/2023 19:00	0.2	10.5	123	0.6	0.3	284	3.1	0.4	208
11/6/2023 18:30	0.2	2.3	206	0.5	0.3	95	2.0	0.3	305
11/6/2023 18:00	0.2	2.8	190	0.5	0.3	67	1.6	0.3	277
11/6/2023 17:30	0.2	3.7	179	0.5	1.2	169	BC	1.0	202
11/6/2023 17:00	0.2	4.9	170	0.5	2.1	194	BC	1.8	181
11/6/2023 16:30	0.2	6.5	158	0.5	2.6	175	BC	2.8	182
11/6/2023 16:00	0.2	6.7	161	0.4	2.9	182	BC	3.1	181
11/6/2023 15:30	0.2	5.6	177	0.5	3.0	183	BC	3.0	180
11/6/2023 15:00	0.2	6.2	164	0.6	3.1	171	BC	2.8	174
11/6/2023 14:30	0.2	5.1	202	0.6	2.8	185	BC	3.1	185
11/6/2023 14:00	0.2	5.9	206	0.5	3.3	202	BC	2.4	181
11/6/2023 13:30	0.2	4.9	177	0.6	3.1	235	BC	2.5	219
11/6/2023 13:00	0.2	5.7	159	0.6	2.9	200	BC	2.0	227
11/6/2023 12:30	0.2	4.0	185	0.5	3.6	206	BC	3.1	231
11/6/2023 12:00	0.5	4.3	179	0.8	2.6	202	1.7	1.7	203
11/6/2023 11:30	2.1	2.6	199	0.6	2.0	237	0.2	1.8	81
11/6/2023 11:00	0.9	1.3	355	0.6	1.7	334	0.2	1.1	80
11/6/2023 10:30	9.7	1.9	44	0.7	1.3	7	0.2	1.0	36
11/6/2023 10:00	42.6	2.5	57	0.9	1.0	19	0.2	1.1	7
11/6/2023 9:30	41.2	3.4	59	1.0	0.4	34	0.2	0.9	355
11/6/2023 9:00	34.5	3.3	57	0.9	0.4	19	0.5	0.3	8
11/6/2023 8:30	58.0	1.7	55	0.8	0.4	15	0.5	0.9	24
11/6/2023 8:00	45.9	2.0	47	0.9	0.7	9	0.5	0.4	52
11/6/2023 7:30	18.9	2.6	50	1.4	0.7	18	0.7	0.9	46
11/6/2023 7:00	30.3	1.0	50	1.0	0.5	34	1.1	0.3	36
11/6/2023 6:30	5.2	0.9	54	1.0	0.6	347	1.1	0.2	341
11/6/2023 6:00	4.2	2.0	56	1.1	0.9	346	1.4	0.3	75
11/6/2023 5:30	5.9	2.9	51	0.9	1.2	10	1.6	0.3	54
11/6/2023 5:00	9.3	1.0	82	1.0	0.6	30	1.1	0.6	62
11/6/2023 4:30	11.2	0.6	164	1.1	0.5	39	0.8	0.4	30
11/6/2023 4:00	12.2	1.4	191	0.9	0.2	3	0.9	0.2	6
11/6/2023 3:30	13.7	1.6	191	1.1	0.3	8	1.2	0.2	62
11/6/2023 3:00	11.7	2.0	198	1.3	0.2	339	1.6	0.4	215
11/6/2023 2:30	5.9	1.9	166	1.6	0.7	284	2.0	0.5	246
11/6/2023 2:00	12.1	2.2	91	1.6	1.0	25	2.2	0.6	50
11/6/2023 1:30	14.2	1.8	202	1.9	0.4	15	AX	0.3	328
11/6/2023 1:00	13.7	1.2	159	AX	0.5	17	1.8	0.6	50
11/6/2023 0:30	AX	1.9	40	3.5	0.9	51	2.1	0.7	30

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
11/6/2023 0:00	2.2	1.1	213	3.0	1.0	14	4.4	0.3	0
11/5/2023 23:30	0.8	0.9	203	3.8	0.5	18	3.8	0.3	1
11/5/2023 23:00	0.7	0.8	130	4.6	0.7	33	4.0	0.5	30
11/5/2023 22:30	0.4	1.2	190	4.3	0.4	12	4.5	0.3	350
11/5/2023 22:00	0.2	1.4	192	3.9	0.2	5	2.5	0.2	327
11/5/2023 21:30	0.4	1.6	200	4.5	0.2	3	1.3	0.3	340
11/5/2023 21:00	0.4	1.3	176	3.0	0.2	27	0.9	0.2	45
11/5/2023 20:30	0.5	0.9	180	3.6	0.3	32	1.7	0.4	38
11/5/2023 20:00	0.4	1.3	204	2.7	0.3	332	2.4	0.3	350
11/5/2023 19:30	0.5	1.8	211	1.4	0.2	2	0.7	0.2	316
11/5/2023 19:00	0.6	1.9	208	0.7	0.2	18	0.2	0.2	353
11/5/2023 18:30	0.8	2.5	203	0.6	0.2	43	0.2	0.2	46
11/5/2023 18:00	0.7	2.5	207	0.6	0.2	210	0.2	0.3	272
11/5/2023 17:30	0.6	2.8	210	0.5	0.6	73	0.2	0.3	301
11/5/2023 17:00	0.9	1.5	112	0.5	0.4	37	0.4	0.8	215
11/5/2023 16:30	1.1	1.1	142	0.5	1.2	6	0.2	0.4	286
11/5/2023 16:00	0.8	2.5	347	0.5	2.6	356	0.2	1.7	5
11/5/2023 15:30	1.4	3.0	20	0.4	3.2	301	0.2	1.3	344
11/5/2023 15:00	0.9	2.9	40	0.5	2.0	349	0.2	1.4	346
11/5/2023 14:30	1.9	4.2	14	0.5	2.6	346	0.2	2.5	20
11/5/2023 14:00	1.8	5.5	23	0.5	3.1	21	0.2	2.5	0
11/5/2023 13:30	2.7	6.8	24	0.5	3.9	342	0.2	2.8	14
11/5/2023 13:00	2.8	11.4	8	0.5	4.9	345	0.2	3.8	356
11/5/2023 12:30	2.0	10.1	7	0.5	5.1	352	0.2	3.8	360
11/5/2023 12:00	3.0	6.4	13	0.6	2.2	43	0.2	2.1	356
11/5/2023 11:30	0.9	8.3	27	0.7	3.5	19	0.2	3.3	28
11/5/2023 11:00	16.8	1.9	86	0.9	1.5	47	0.2	1.7	22
11/5/2023 10:30	36.7	2.4	48	1.0	2.1	35	0.2	0.9	352
11/5/2023 10:00	55.5	1.0	39	1.0	1.1	11	0.2	1.1	32
11/5/2023 9:30	26.5	0.9	46	0.9	0.6	340	0.2	0.4	56
11/5/2023 9:00	27.4	1.4	79	0.9	0.9	11	0.4	0.5	72
11/5/2023 8:30	28.7	1.3	69	0.9	1.2	1	0.5	0.6	27
11/5/2023 8:00	22.6	0.5	40	0.7	0.8	9	0.5	0.6	31
11/5/2023 7:30	13.8	0.7	116	0.6	0.5	322	0.2	0.3	27
11/5/2023 7:00	37.7	1.2	94	0.6	0.6	338	0.4	0.3	76
11/5/2023 6:30	10.7	0.8	29	0.5	0.6	312	0.2	0.2	339
11/5/2023 6:00	23.3	1.9	70	0.6	0.7	327	0.5	0.3	52
11/5/2023 5:30	12.2	2.2	46	0.6	1.2	338	0.6	0.3	14
11/5/2023 5:00	11.6	1.0	5	0.6	0.7	17	0.4	0.3	24
11/5/2023 4:30	17.7	0.7	140	0.5	0.7	324	0.4	0.2	298
11/5/2023 4:00	30.3	1.7	48	0.5	0.6	8	0.4	0.2	4
11/5/2023 3:30	23.4	1.7	41	0.6	1.6	342	0.4	0.2	50
11/5/2023 3:00	23.2	2.7	45	0.7	1.2	10	0.2	0.3	23
11/5/2023 2:30	11.0	0.5	150	0.9	1.0	24	1.0	0.3	11
11/5/2023 2:00	11.1	0.5	230	1.4	0.9	2	BF	0.4	6
11/5/2023 1:30	8.6	1.0	203	BF	0.5	46	BF	0.3	14
11/5/2023 1:00	BF	1.1	207	BF	0.6	26	0.2	0.2	317
11/5/2023 0:30	BF	0.8	208	0.4	0.8	26	0.2	0.3	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
11/5/2023 0:00	6.6	1.0	203	0.4	0.7	2	0.2	0.3	352
11/4/2023 23:30	6.6	1.0	152	0.5	0.7	2	0.2	0.3	360
11/4/2023 23:00	5.1	1.4	179	0.5	0.4	48	0.2	0.3	350
11/4/2023 22:30	3.5	1.3	210	0.5	0.6	25	0.2	0.3	332
11/4/2023 22:00	2.1	2.0	203	0.4	0.7	0	0.2	0.3	320
11/4/2023 21:30	1.7	1.3	181	0.4	0.3	353	0.2	0.2	8
11/4/2023 21:00	0.9	0.7	178	0.6	0.7	33	0.2	0.3	27
11/4/2023 20:30	0.7	1.5	196	0.5	0.9	354	0.2	0.4	358
11/4/2023 20:00	0.7	1.3	184	0.5	0.3	35	0.2	0.4	45
11/4/2023 19:30	0.5	1.9	202	0.6	0.5	22	0.2	0.2	7
11/4/2023 19:00	0.2	1.6	209	0.6	0.5	29	0.2	0.3	351
11/4/2023 18:30	0.4	2.6	206	0.5	0.2	267	0.2	0.2	287
11/4/2023 18:00	0.9	2.4	195	0.5	0.3	51	0.2	0.4	19
11/4/2023 17:30	0.8	2.0	204	0.4	0.3	49	0.2	0.4	318
11/4/2023 17:00	0.7	2.2	83	0.4	1.2	16	0.2	0.4	225
11/4/2023 16:30	1.4	3.4	28	0.2	2.3	344	0.2	0.8	9
11/4/2023 16:00	0.8	3.0	23	0.2	1.5	49	0.2	1.6	44
11/4/2023 15:30	0.2	4.5	51	0.2	1.9	54	0.2	2.2	89
11/4/2023 15:00	0.5	4.5	73	0.2	2.3	56	0.2	2.4	33
11/4/2023 14:30	0.2	5.3	27	0.2	2.4	32	0.2	2.9	22
11/4/2023 14:00	0.2	6.4	31	0.2	2.4	59	0.2	3.1	61
11/4/2023 13:30	0.2	5.2	37	0.2	2.4	62	0.2	2.4	59
11/4/2023 13:00	0.2	4.9	32	0.2	2.4	56	0.2	2.8	64
11/4/2023 12:30	0.2	8.5	57	0.4	2.3	63	0.2	3.4	67
11/4/2023 12:00	0.2	4.7	35	0.5	2.2	51	0.2	3.1	79
11/4/2023 11:30	0.4	2.4	20	0.6	2.4	35	0.2	2.8	52
11/4/2023 11:00	0.7	3.2	15	0.7	1.8	39	0.2	2.4	39
11/4/2023 10:30	7.1	2.9	49	1.0	1.7	41	0.2	1.8	68
11/4/2023 10:00	21.9	2.7	27	1.1	1.8	27	0.2	1.3	13
11/4/2023 9:30	10.0	2.4	42	1.1	0.8	32	0.8	0.8	67
11/4/2023 9:00	58.3	3.5	42	1.0	0.7	327	0.5	0.4	75
11/4/2023 8:30	40.7	2.8	52	0.8	0.8	5	0.4	0.9	39
11/4/2023 8:00	1.2	1.9	30	0.8	1.0	354	0.2	0.6	70
11/4/2023 7:30	6.4	3.9	52	0.7	0.5	30	0.2	1.3	69
11/4/2023 7:00	85.6	1.8	42	0.7	0.5	42	0.2	0.7	22
11/4/2023 6:30	56.2	1.2	304	0.5	1.2	348	0.2	0.4	288
11/4/2023 6:00	14.2	1.1	29	0.6	0.6	352	0.2	0.3	98
11/4/2023 5:30	8.8	2.1	35	0.5	0.2	305	0.2	0.3	65
11/4/2023 5:00	44.2	2.9	48	0.6	0.6	16	0.2	0.6	57
11/4/2023 4:30	21.6	1.0	25	0.6	0.8	342	0.2	0.3	334
11/4/2023 4:00	4.9	1.3	14	0.5	0.8	303	0.2	0.3	331
11/4/2023 3:30	15.0	3.0	58	0.4	0.8	10	0.2	0.6	58
11/4/2023 3:00	30.2	3.3	47	0.4	1.3	5	0.2	0.6	30
11/4/2023 2:30	1.5	3.3	41	0.4	1.5	345	0.4	0.4	1
11/4/2023 2:00	32.6	3.6	52	0.5	1.0	31	0.4	1.4	69
11/4/2023 1:30	44.4	2.5	49	0.2	0.8	46	AX	0.6	29
11/4/2023 1:00	30.5	1.2	19	AX	0.7	35	0.2	0.3	4
11/4/2023 0:30	AX	0.6	249	0.2	0.6	18	0.2	0.3	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
11/4/2023 0:00	8.8	1.1	73	0.2	0.9	349	0.5	0.3	319
11/3/2023 23:30	21.4	1.8	80	0.2	0.8	16	0.5	0.4	60
11/3/2023 23:00	6.6	0.5	75	0.4	1.1	9	0.2	0.3	355
11/3/2023 22:30	5.4	1.2	187	0.5	0.7	9	0.2	0.4	356
11/3/2023 22:00	4.9	1.3	167	0.6	0.7	25	0.2	0.7	58
11/3/2023 21:30	3.5	1.1	188	0.5	0.9	44	0.2	0.6	32
11/3/2023 21:00	3.0	1.9	195	0.2	0.7	349	0.2	0.3	305
11/3/2023 20:30	2.1	1.6	194	0.2	0.5	15	0.2	0.3	323
11/3/2023 20:00	1.0	1.6	190	0.2	0.4	34	0.2	0.3	344
11/3/2023 19:30	0.2	1.7	191	0.4	0.4	1	0.2	0.3	340
11/3/2023 19:00	0.2	1.4	184	0.6	0.5	15	0.2	0.2	341
11/3/2023 18:30	0.2	1.7	192	0.6	0.2	42	0.2	0.3	356
11/3/2023 18:00	0.2	2.2	198	0.4	0.3	16	0.2	0.3	336
11/3/2023 17:30	0.2	2.5	194	0.2	0.2	67	0.2	0.3	286
11/3/2023 17:00	0.2	1.7	149	0.2	0.3	91	0.2	0.5	222
11/3/2023 16:30	0.2	1.1	261	0.2	1.1	122	0.2	1.0	102
11/3/2023 16:00	0.2	1.6	187	0.2	2.0	198	0.2	0.9	332
11/3/2023 15:30	0.6	1.5	336	0.7	1.9	189	0.2	1.5	215
11/3/2023 15:00	0.9	1.6	141	0.4	2.1	286	0.2	1.2	5
11/3/2023 14:30	0.4	2.0	335	0.2	2.9	340	0.2	1.7	10
11/3/2023 14:00	0.5	2.7	15	0.2	1.9	324	0.2	1.6	83
11/3/2023 13:30	0.2	4.6	17	0.2	2.3	294	0.2	2.1	71
11/3/2023 13:00	0.2	3.7	7	0.2	2.2	199	0.2	2.2	96
11/3/2023 12:30	0.2	3.2	347	0.2	2.3	65	0.2	2.2	47
11/3/2023 12:00	0.5	2.1	69	0.4	2.0	34	0.2	1.6	61
11/3/2023 11:30	2.1	3.1	11	0.5	2.1	46	0.2	1.9	19
11/3/2023 11:00	6.5	3.4	17	0.8	2.4	30	0.2	1.7	61
11/3/2023 10:30	4.8	1.8	1	1.0	1.6	355	0.2	1.3	15
11/3/2023 10:00	3.4	1.4	16	1.0	1.6	19	0.4	1.2	14
11/3/2023 9:30	5.9	1.7	32	1.0	0.8	346	0.9	1.0	7
11/3/2023 9:00	71.5	2.2	34	0.9	0.4	10	0.6	0.9	349
11/3/2023 8:30	80.0	4.6	25	0.8	0.9	331	0.2	1.2	6
11/3/2023 8:00	68.6	3.7	42	0.8	0.3	9	0.2	0.5	37
11/3/2023 7:30	86.6	2.6	28	0.7	0.4	23	0.2	0.3	53
11/3/2023 7:00	76.0	3.9	35	0.6	0.5	34	0.2	0.3	13
11/3/2023 6:30	93.5	4.3	36	0.6	0.4	35	0.2	0.5	20
11/3/2023 6:00	66.3	3.8	38	0.5	0.5	37	0.2	0.3	22
11/3/2023 5:30	91.7	4.1	29	0.5	0.6	37	0.2	0.4	7
11/3/2023 5:00	96.5	2.5	27	0.5	0.5	25	0.2	0.6	38
11/3/2023 4:30	54.3	3.2	49	0.5	0.6	15	0.2	0.7	17
11/3/2023 4:00	45.5	3.0	47	0.5	0.5	26	0.2	0.6	18
11/3/2023 3:30	55.5	2.0	47	0.4	0.5	23	0.2	0.5	20
11/3/2023 3:00	47.2	0.7	310	0.2	1.0	350	0.2	0.3	331
11/3/2023 2:30	84.1	1.4	45	0.2	0.4	334	0.2	0.2	259
11/3/2023 2:00	54.0	2.3	48	0.5	0.6	343	0.5	0.2	340
11/3/2023 1:30	29.2	2.2	52	0.2	0.6	342	AX	0.2	300
11/3/2023 1:00	43.7	1.9	54	AX	0.9	356	0.2	0.2	304
11/3/2023 0:30	AX	1.6	43	0.2	1.2	330	0.2	0.3	287

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