



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 12, 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
01/05/2024 00:00	01/11/2024 23:59	1.2	1.2	0.2

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

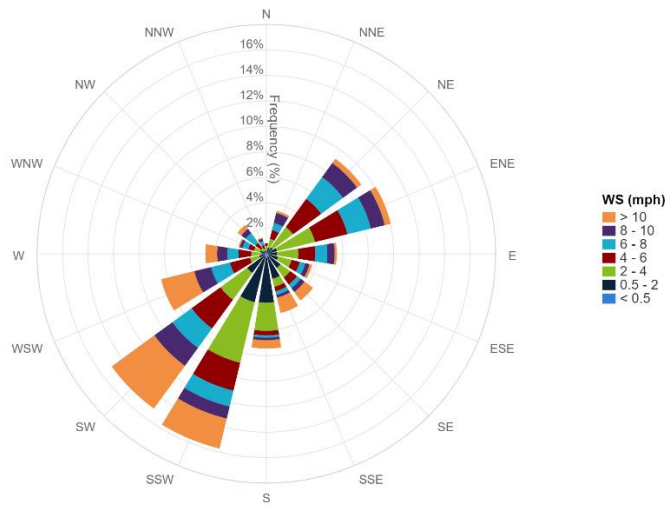
Attachments:

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 01/05/2024 00:00 to 01/11/2024 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
					00:00 – 24:00					
12/30/2023 00:00	01/05/2024 23:59	1.6	1.1	0.7	01/05/2024			2.1	0.6	0.2
12/31/2023 00:00	01/06/2024 23:59	1.7	1.0	0.6	01/06/2024			0.9	1.1	-
01/01/2024 00:00	01/07/2024 23:59	1.9	1.0	0.5	01/07/2024			1.6	1.8	-
01/02/2024 00:00	01/08/2024 23:59	1.9	1.0	0.5	01/08/2024			2.4	0.5	-
01/03/2024 00:00	01/09/2024 23:59	1.7	1.0	0.5	01/09/2024			0.5	1.0	-
01/04/2024 00:00	01/10/2024 23:59	1.7	1.1	0.2	01/10/2024			0.4	2.1	-
01/05/2024 00:00	01/11/2024 23:59	1.2	1.2	0.2	01/11/2024			0.8	1.1	-

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
1/12/2024 0:00	0.2	0.9	157	0.8	0.3	27	EC	0.2	11
1/11/2024 23:30	0.5	1.7	185	0.9	0.2	292	EC	0.2	315
1/11/2024 23:00	2.3	1.2	224	0.8	0.9	300	EC	0.8	305
1/11/2024 22:30	0.6	1.4	154	0.9	0.4	27	EC	0.2	353
1/11/2024 22:00	0.5	1.2	152	0.9	0.7	39	EC	0.6	26
1/11/2024 21:30	0.5	1.1	209	0.9	0.5	333	EC	0.5	323
1/11/2024 21:00	0.5	1.7	192	0.9	0.5	183	EC	0.2	328
1/11/2024 20:30	0.5	1.4	182	0.9	0.4	317	EC	0.3	211
1/11/2024 20:00	0.7	1.9	198	0.8	0.5	239	EC	0.6	53
1/11/2024 19:30	0.4	1.7	195	0.8	0.6	215	EC	0.3	31
1/11/2024 19:00	1.3	2.6	193	0.9	0.5	288	EC	0.5	35
1/11/2024 18:30	2.2	2.2	182	0.9	0.6	45	EC	0.4	311
1/11/2024 18:00	0.2	2.4	190	0.9	0.3	21	EC	0.6	310
1/11/2024 17:30	0.2	1.3	202	0.7	0.5	271	EC	0.5	229
1/11/2024 17:00	0.2	2.3	249	1.1	1.5	320	EC	0.5	251
1/11/2024 16:30	0.2	3.0	222	2.0	3.2	251	EC	0.7	307
1/11/2024 16:00	0.2	4.7	218	1.0	3.7	242	EC	1.3	252
1/11/2024 15:30	0.2	4.7	218	1.3	5.5	242	EC	2.4	235
1/11/2024 15:00	0.2	5.5	238	0.7	5.1	235	EC	3.0	202
1/11/2024 14:30	0.2	6.0	206	0.6	4.8	218	EC	2.1	224
1/11/2024 14:00	0.6	5.9	266	0.9	5.2	237	EC	2.1	253
1/11/2024 13:30	0.8	5.4	264	1.0	5.2	230	EC	2.5	262
1/11/2024 13:00	0.8	3.5	240	1.6	3.6	254	EC	2.5	227
1/11/2024 12:30	0.7	3.2	227	0.9	3.8	221	EC	1.9	158
1/11/2024 12:00	0.6	4.1	211	1.1	3.7	222	EC	2.0	206
1/11/2024 11:30	0.5	3.9	197	1.6	3.5	231	EC	3.0	236
1/11/2024 11:00	0.5	2.6	197	2.5	3.8	231	EC	2.9	232
1/11/2024 10:30	0.5	3.5	204	1.6	2.7	208	EC	2.2	217
1/11/2024 10:00	0.4	3.6	205	1.1	3.2	211	EC	1.9	183
1/11/2024 9:30	0.4	2.4	204	0.9	2.2	216	EC	1.6	181
1/11/2024 9:00	1.4	1.2	189	0.8	1.1	222	EC	0.4	139
1/11/2024 8:30	1.5	0.3	161	0.9	0.7	42	EC	0.7	82
1/11/2024 8:00	0.4	1.1	212	1.1	0.8	50	EC	0.5	360
1/11/2024 7:30	2.0	0.7	221	1.5	0.8	288	EC	0.3	297
1/11/2024 7:00	0.4	0.8	202	0.6	0.9	241	EC	0.3	186
1/11/2024 6:30	3.6	0.6	238	0.7	0.7	245	EC	0.3	209
1/11/2024 6:00	0.2	1.5	177	0.7	0.5	241	EC	0.5	187
1/11/2024 5:30	0.2	0.9	147	0.8	0.3	338	EC	0.3	239
1/11/2024 5:00	1.8	1.1	144	0.6	0.7	320	EC	0.5	324
1/11/2024 4:30	0.9	0.9	168	0.6	0.5	169	EC	0.3	290
1/11/2024 4:00	3.4	2.2	222	0.5	0.5	273	EC	0.4	266
1/11/2024 3:30	0.2	3.0	197	0.6	0.9	197	EC	0.9	204
1/11/2024 3:00	0.2	3.1	187	0.6	1.7	186	EC	1.5	188
1/11/2024 2:30	0.4	2.6	201	1.1	0.9	183	EC	0.6	188
1/11/2024 2:00	1.2	3.5	215	3.4	0.4	222	EC	0.6	198
1/11/2024 1:30	0.7	3.2	212	1.8	1.0	236	EC	0.4	240
1/11/2024 1:00	0.6	3.5	209	AX	1.4	208	EC	1.1	191
1/11/2024 0:30	AX	3.1	212	4.1	1.0	250	EC	1.1	219

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
1/11/2024 0:00	0.2	2.5	204	4.0	0.6	237	EC	0.7	231
1/10/2024 23:30	0.4	2.0	205	3.3	0.5	242	EC	0.6	220
1/10/2024 23:00	0.2	2.6	209	0.8	1.5	265	EC	1.2	224
1/10/2024 22:30	0.2	2.1	190	0.8	1.1	244	EC	0.8	237
1/10/2024 22:00	0.2	1.6	201	0.8	1.1	226	EC	0.8	212
1/10/2024 21:30	1.9	1.1	174	0.9	0.7	344	EC	0.4	240
1/10/2024 21:00	0.2	2.1	214	1.0	0.9	262	EC	0.5	266
1/10/2024 20:30	0.4	1.8	208	1.5	0.9	265	EC	0.5	239
1/10/2024 20:00	0.2	1.3	183	2.0	0.5	320	EC	0.7	217
1/10/2024 19:30	0.2	1.8	202	0.7	0.5	277	EC	0.3	264
1/10/2024 19:00	0.4	1.7	190	0.8	1.1	199	EC	0.6	283
1/10/2024 18:30	0.2	2.4	198	1.5	1.9	220	EC	1.1	252
1/10/2024 18:00	0.2	3.6	208	0.9	3.3	226	EC	1.4	267
1/10/2024 17:30	0.2	4.0	211	1.1	4.7	234	EC	2.1	249
1/10/2024 17:00	0.2	6.1	219	0.9	5.5	229	EC	2.7	245
1/10/2024 16:30	0.2	6.5	240	2.5	8.3	245	EC	3.7	250
1/10/2024 16:00	0.2	8.8	223	1.9	7.3	237	EC	2.4	251
1/10/2024 15:30	0.2	8.4	246	2.7	9.2	246	EC	4.7	248
1/10/2024 15:00	0.2	7.6	242	1.9	9.1	240	EC	3.6	247
1/10/2024 14:30	0.2	7.5	226	2.0	9.0	243	EC	4.2	241
1/10/2024 14:00	0.4	10.1	238	1.7	9.0	252	EC	3.8	247
1/10/2024 13:30	0.5	9.4	234	1.6	9.2	256	EC	4.6	254
1/10/2024 13:00	0.2	9.4	259	2.8	9.7	248	EC	4.4	262
1/10/2024 12:30	0.4	8.3	243	2.3	8.4	253	EC	3.0	261
1/10/2024 12:00	0.2	9.6	236	1.7	8.0	260	EC	4.6	253
1/10/2024 11:30	0.2	10.9	235	2.4	10.9	253	EC	4.8	257
1/10/2024 11:00	0.4	11.3	248	2.7	11.7	251	EC	4.3	261
1/10/2024 10:30	0.2	12.3	240	2.6	11.9	250	EC	5.6	256
1/10/2024 10:00	0.2	9.9	233	3.7	11.5	247	EC	5.0	260
1/10/2024 9:30	0.2	11.1	232	3.1	12.3	246	EC	5.0	255
1/10/2024 9:00	0.5	11.7	225	1.4	10.6	239	EC	5.7	247
1/10/2024 8:30	0.5	10.0	221	1.3	10.4	239	EC	4.2	245
1/10/2024 8:00	0.5	10.1	223	1.6	9.8	236	EC	5.3	245
1/10/2024 7:30	0.2	9.2	226	2.0	9.2	238	EC	5.5	244
1/10/2024 7:00	0.2	8.9	225	2.2	8.5	238	EC	4.7	249
1/10/2024 6:30	0.4	8.4	241	4.0	8.1	246	EC	4.1	249
1/10/2024 6:00	0.4	9.5	244	3.2	10.3	249	EC	4.2	259
1/10/2024 5:30	0.4	10.3	246	3.4	11.9	246	EC	4.6	256
1/10/2024 5:00	0.5	12.5	238	2.9	14.3	246	EC	5.7	254
1/10/2024 4:30	0.5	14.9	231	2.6	15.7	242	EC	7.1	251
1/10/2024 4:00	0.6	13.0	236	2.4	15.1	243	EC	6.1	251
1/10/2024 3:30	0.5	15.6	229	2.5	15.2	241	EC	7.3	247
1/10/2024 3:00	0.6	13.8	229	2.4	16.1	243	EC	7.9	253
1/10/2024 2:30	0.6	15.6	234	3.1	18.1	244	EC	8.6	252
1/10/2024 2:00	0.6	19.5	243	4.1	21.0	247	EC	9.8	253
1/10/2024 1:30	0.6	16.7	244	3.7	16.2	247	EC	7.0	254
1/10/2024 1:00	0.7	12.7	221	AX	13.4	235	EC	5.6	244
1/10/2024 0:30	AX	13.0	210	0.9	10.7	225	EC	6.8	235

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
1/10/2024 0:00	0.6	10.5	209	0.8	8.9	222	EC	5.9	234
1/9/2024 23:30	0.6	7.4	214	1.2	7.1	229	EC	4.8	238
1/9/2024 23:00	0.5	7.5	219	1.7	7.2	235	EC	3.5	244
1/9/2024 22:30	0.6	10.2	223	2.4	11.1	238	EC	5.7	247
1/9/2024 22:00	0.5	11.3	231	2.3	11.4	239	EC	6.0	251
1/9/2024 21:30	0.5	10.0	213	0.9	9.3	230	EC	6.3	236
1/9/2024 21:00	0.6	9.6	212	0.9	9.8	227	EC	6.4	235
1/9/2024 20:30	0.5	9.7	215	1.2	9.9	232	EC	6.0	239
1/9/2024 20:00	0.4	11.6	213	1.0	11.4	229	EC	6.8	238
1/9/2024 19:30	0.5	11.4	216	0.9	10.4	230	EC	6.7	239
1/9/2024 19:00	0.4	10.1	204	0.8	10.4	225	EC	6.4	232
1/9/2024 18:30	0.6	13.7	210	0.9	12.9	228	EC	8.3	236
1/9/2024 18:00	0.4	14.2	211	0.9	11.6	225	EC	7.2	233
1/9/2024 17:30	0.5	15.3	207	0.9	12.2	224	EC	8.2	237
1/9/2024 17:00	0.4	12.1	197	0.8	9.1	212	EC	6.1	221
1/9/2024 16:30	0.5	10.0	201	0.9	8.2	215	EC	5.1	224
1/9/2024 16:00	0.6	9.6	212	1.3	9.0	225	EC	5.7	230
1/9/2024 15:30	1.0	12.5	228	4.7	11.8	237	EC	6.4	250
1/9/2024 15:00	0.6	11.0	206	1.7	9.3	220	EC	6.1	221
1/9/2024 14:30	0.7	12.5	178	0.8	7.1	200	EC	6.1	205
1/9/2024 14:00	0.7	11.1	194	0.8	6.8	215	EC	5.7	213
1/9/2024 13:30	0.6	12.9	173	0.8	5.8	192	EC	5.6	192
1/9/2024 13:00	0.7	14.7	166	0.7	7.1	184	EC	6.6	182
1/9/2024 12:30	0.6	16.7	163	0.7	8.1	181	EC	7.9	178
1/9/2024 12:00	0.5	13.9	158	0.7	7.4	164	EC	7.0	175
1/9/2024 11:30	0.6	15.7	157	0.8	6.0	159	EC	5.4	175
1/9/2024 11:00	0.5	11.7	153	0.9	5.6	137	EC	4.8	165
1/9/2024 10:30	0.5	12.1	142	0.9	5.0	126	EC	5.1	162
1/9/2024 10:00	0.6	13.7	145	0.9	5.1	121	EC	5.3	150
1/9/2024 9:30	0.7	10.2	136	0.9	4.6	117	EC	4.1	150
1/9/2024 9:00	0.6	10.4	131	1.0	4.6	108	EC	3.9	134
1/9/2024 8:30	0.6	7.2	132	0.9	4.3	110	EC	3.5	143
1/9/2024 8:00	0.5	8.7	121	0.9	4.3	99	EC	3.7	121
1/9/2024 7:30	0.2	6.8	116	0.8	4.0	85	EC	3.7	110
1/9/2024 7:00	0.2	6.3	112	0.8	2.9	91	EC	3.1	118
1/9/2024 6:30	0.2	5.2	109	0.8	3.4	91	EC	2.8	105
1/9/2024 6:00	0.2	4.7	84	0.8	2.1	81	EC	3.2	93
1/9/2024 5:30	0.2	5.0	85	0.8	2.8	94	EC	3.2	98
1/9/2024 5:00	0.2	4.1	79	0.7	1.8	67	EC	2.2	88
1/9/2024 4:30	0.4	5.3	88	0.7	3.3	88	EC	3.6	98
1/9/2024 4:00	0.2	6.8	91	0.7	2.8	86	EC	3.2	102
1/9/2024 3:30	0.6	8.9	94	0.7	3.6	93	EC	5.5	87
1/9/2024 3:00	0.6	8.5	81	0.7	3.6	80	EC	5.4	84
1/9/2024 2:30	0.4	8.1	71	0.7	2.8	71	EC	4.2	80
1/9/2024 2:00	0.2	7.0	67	0.8	1.7	62	EC	3.4	72
1/9/2024 1:30	0.2	6.0	81	1.0	2.2	77	EC	3.3	77
1/9/2024 1:00	0.2	6.6	70	AX	1.7	69	EC	2.7	74
1/9/2024 0:30	AX	6.8	66	0.7	2.3	68	EC	3.6	70

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
1/9/2024 0:00	0.2	8.4	64	0.6	2.8	70	EC	4.7	63
1/8/2024 23:30	0.2	7.3	63	0.6	2.7	66	EC	4.3	67
1/8/2024 23:00	0.2	6.5	69	0.6	2.8	71	EC	3.4	76
1/8/2024 22:30	0.2	8.0	62	0.6	2.4	63	EC	3.2	66
1/8/2024 22:00	0.6	7.9	48	0.5	2.1	45	EC	3.3	50
1/8/2024 21:30	0.2	3.6	66	0.4	1.0	47	EC	1.3	67
1/8/2024 21:00	1.2	3.7	47	0.2	1.0	56	EC	0.6	19
1/8/2024 20:30	2.0	4.6	38	0.2	1.5	33	EC	1.5	346
1/8/2024 20:00	0.9	3.4	64	0.4	1.0	55	EC	1.1	62
1/8/2024 19:30	0.8	2.1	67	0.2	1.1	41	EC	0.5	22
1/8/2024 19:00	0.2	2.9	122	0.2	1.2	60	EC	0.7	139
1/8/2024 18:30	0.2	3.2	123	0.2	1.3	83	EC	1.2	121
1/8/2024 18:00	0.2	2.9	129	0.2	1.3	71	EC	0.8	107
1/8/2024 17:30	0.2	3.7	135	0.2	1.4	97	EC	0.8	159
1/8/2024 17:00	0.2	4.7	146	0.4	2.2	120	EC	1.8	113
1/8/2024 16:30	0.2	5.5	103	0.2	2.7	94	EC	4.0	81
1/8/2024 16:00	0.2	5.1	99	0.4	3.5	82	EC	3.2	119
1/8/2024 15:30	0.2	4.3	123	0.5	2.7	108	EC	2.7	115
1/8/2024 15:00	0.2	6.3	128	0.5	3.0	89	EC	2.5	157
1/8/2024 14:30	0.2	4.3	104	0.6	3.2	78	EC	3.9	93
1/8/2024 14:00	0.2	6.8	114	0.6	3.9	109	EC	4.3	91
1/8/2024 13:30	0.2	8.1	81	0.7	3.7	90	EC	5.8	82
1/8/2024 13:00	0.2	6.9	73	0.7	3.1	77	EC	4.5	81
1/8/2024 12:30	0.2	7.4	65	0.8	4.2	78	EC	4.5	79
1/8/2024 12:00	0.2	7.8	65	0.9	3.2	80	EC	4.7	78
1/8/2024 11:30	0.5	8.8	46	0.8	3.4	57	EC	4.2	52
1/8/2024 11:00	0.7	10.4	39	0.8	2.6	46	EC	3.2	48
1/8/2024 10:30	1.3	4.9	31	0.8	0.8	46	EC	2.3	27
1/8/2024 10:00	2.5	5.6	43	0.8	0.9	46	EC	2.1	14
1/8/2024 9:30	3.6	4.9	42	0.7	0.8	358	EC	1.2	349
1/8/2024 9:00	13.4	3.9	37	0.6	0.9	6	EC	1.4	12
1/8/2024 8:30	2.0	4.3	52	0.8	1.0	2	EC	1.0	16
1/8/2024 8:00	10.6	3.0	54	0.7	1.1	35	EC	1.1	0
1/8/2024 7:30	7.6	0.7	114	0.7	1.1	35	EC	0.5	314
1/8/2024 7:00	4.7	0.9	106	0.7	0.8	34	EC	0.4	7
1/8/2024 6:30	10.4	0.7	227	0.6	1.1	39	EC	0.5	351
1/8/2024 6:00	7.2	1.1	90	0.6	1.0	21	EC	0.4	8
1/8/2024 5:30	6.0	1.0	145	0.6	1.0	27	EC	0.2	13
1/8/2024 5:00	6.8	1.1	74	0.6	1.1	29	EC	0.4	66
1/8/2024 4:30	3.9	1.0	119	0.5	1.2	31	EC	0.6	32
1/8/2024 4:00	4.2	0.9	125	0.5	1.1	45	EC	0.6	15
1/8/2024 3:30	1.6	1.5	176	0.5	0.9	337	EC	0.3	55
1/8/2024 3:00	7.8	2.9	52	0.5	1.4	34	EC	0.3	338
1/8/2024 2:30	1.5	1.9	115	0.5	1.5	4	EC	0.4	313
1/8/2024 2:00	1.9	1.7	63	0.6	1.4	35	EC	0.6	40
1/8/2024 1:30	2.4	1.3	145	0.7	1.2	42	EC	0.8	34
1/8/2024 1:00	2.8	1.0	86	AX	1.0	45	EC	0.6	13
1/8/2024 0:30	AX	1.7	142	0.2	0.6	37	EC	0.4	48

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
1/8/2024 0:00	7.4	3.6	26	0.2	1.2	63	EC	0.4	50
1/7/2024 23:30	11.5	2.5	345	0.2	1.0	51	EC	0.8	3
1/7/2024 23:00	9.7	4.7	348	0.4	1.2	14	EC	0.5	346
1/7/2024 22:30	3.0	5.6	341	0.2	0.9	35	EC	0.5	35
1/7/2024 22:00	13.3	5.5	341	0.2	1.7	16	EC	0.6	286
1/7/2024 21:30	4.6	7.5	324	0.2	1.3	16	EC	1.2	318
1/7/2024 21:00	3.0	6.4	320	0.2	1.1	46	EC	0.5	40
1/7/2024 20:30	1.0	4.8	309	0.4	1.2	13	EC	0.9	264
1/7/2024 20:00	0.2	4.2	291	0.2	1.3	341	EC	0.9	225
1/7/2024 19:30	0.2	3.5	274	0.2	1.7	281	EC	0.6	202
1/7/2024 19:00	1.4	5.3	293	0.2	3.1	282	EC	0.6	237
1/7/2024 18:30	1.8	6.7	308	0.2	5.1	291	EC	1.0	268
1/7/2024 18:00	1.8	8.9	320	0.5	4.5	307	EC	0.9	290
1/7/2024 17:30	1.5	8.6	309	0.6	4.6	297	EC	1.2	283
1/7/2024 17:00	0.4	7.6	318	0.8	5.4	304	EC	1.6	322
1/7/2024 16:30	0.2	6.4	255	2.4	8.1	264	EC	1.4	290
1/7/2024 16:00	0.2	9.6	270	1.5	8.5	264	EC	1.9	282
1/7/2024 15:30	0.2	9.2	257	0.8	7.0	295	EC	1.7	300
1/7/2024 15:00	0.2	9.6	249	0.7	6.4	290	EC	1.9	324
1/7/2024 14:30	0.5	9.3	270	1.2	7.4	270	EC	2.5	278
1/7/2024 14:00	0.5	8.7	260	1.6	8.9	269	EC	3.1	278
1/7/2024 13:30	0.2	8.5	252	1.7	8.3	262	EC	2.5	277
1/7/2024 13:00	0.9	9.1	277	1.5	9.4	264	EC	2.5	279
1/7/2024 12:30	0.8	8.5	267	2.1	10.3	263	EC	2.9	274
1/7/2024 12:00	0.6	8.4	262	2.5	8.6	258	EC	2.9	264
1/7/2024 11:30	0.4	10.0	258	3.5	8.4	251	EC	3.6	261
1/7/2024 11:00	0.6	8.1	264	2.1	10.0	259	EC	4.6	248
1/7/2024 10:30	0.4	8.3	256	2.6	9.3	255	EC	3.3	256
1/7/2024 10:00	0.2	8.0	254	8.4	8.9	254	EC	3.6	249
1/7/2024 9:30	0.2	8.1	249	6.0	8.7	258	EC	2.9	254
1/7/2024 9:00	0.5	5.5	249	8.4	4.9	254	EC	2.0	264
1/7/2024 8:30	0.4	4.4	238	1.7	2.4	215	EC	0.8	343
1/7/2024 8:00	0.5	4.1	216	0.7	2.5	185	EC	0.6	345
1/7/2024 7:30	0.2	2.8	186	1.1	1.7	211	EC	1.1	254
1/7/2024 7:00	0.2	3.0	213	1.2	2.3	273	EC	0.7	156
1/7/2024 6:30	0.4	4.2	222	2.5	2.4	264	EC	0.6	154
1/7/2024 6:00	0.6	4.7	233	3.3	3.1	277	EC	0.4	75
1/7/2024 5:30	0.5	5.4	237	6.7	4.2	249	EC	0.7	291
1/7/2024 5:00	0.5	5.3	237	4.0	4.1	228	EC	0.9	302
1/7/2024 4:30	0.4	4.4	225	1.1	3.5	199	EC	2.9	249
1/7/2024 4:00	0.5	4.3	215	0.9	3.0	193	EC	1.5	244
1/7/2024 3:30	0.6	4.4	212	2.1	1.3	185	EC	0.6	193
1/7/2024 3:00	0.6	2.2	203	1.1	0.8	54	EC	0.5	345
1/7/2024 2:30	0.5	1.3	220	0.8	0.4	73	EC	0.3	61
1/7/2024 2:00	0.5	1.4	189	1.3	0.4	91	EC	0.3	34
1/7/2024 1:30	0.9	1.4	218	BF	0.5	63	EC	0.6	234
1/7/2024 1:00	BF	1.9	200	BF	1.9	160	EC	0.7	181
1/7/2024 0:30	BF	1.9	192	0.7	1.8	166	EC	0.8	178

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
1/7/2024 0:00	0.2	2.4	200	0.6	1.7	188	EC	1.3	193
1/6/2024 23:30	0.4	2.4	197	0.7	2.1	201	EC	0.9	220
1/6/2024 23:00	0.2	3.6	205	0.9	2.8	213	EC	1.2	248
1/6/2024 22:30	0.2	3.6	205	2.0	4.2	223	EC	2.6	245
1/6/2024 22:00	0.4	5.7	225	1.8	5.6	229	EC	3.3	249
1/6/2024 21:30	0.5	4.3	219	1.8	5.7	231	EC	3.1	250
1/6/2024 21:00	0.5	5.7	231	1.9	5.3	232	EC	2.5	251
1/6/2024 20:30	0.2	5.6	218	1.2	5.2	229	EC	2.4	257
1/6/2024 20:00	0.2	5.3	209	0.7	4.5	217	EC	2.5	235
1/6/2024 19:30	0.4	5.1	204	0.7	4.2	217	EC	2.0	233
1/6/2024 19:00	0.5	6.6	210	0.8	5.2	225	EC	2.2	243
1/6/2024 18:30	0.5	6.5	206	0.7	5.0	216	EC	3.4	225
1/6/2024 18:00	0.5	4.6	201	0.7	4.1	214	EC	2.1	237
1/6/2024 17:30	0.4	6.5	215	1.6	6.2	231	EC	3.6	238
1/6/2024 17:00	0.2	6.9	216	1.1	5.7	226	EC	3.2	228
1/6/2024 16:30	0.4	4.4	211	2.1	4.8	225	EC	1.7	254
1/6/2024 16:00	0.8	4.1	234	3.2	5.2	240	EC	2.3	252
1/6/2024 15:30	0.7	4.2	266	3.1	4.7	274	EC	1.4	287
1/6/2024 15:00	0.7	3.0	248	2.4	3.3	272	EC	1.2	295
1/6/2024 14:30	0.8	3.4	261	2.3	3.4	274	EC	1.4	265
1/6/2024 14:00	0.8	3.5	288	0.9	2.4	300	EC	1.1	345
1/6/2024 13:30	1.2	4.0	311	0.8	4.0	321	EC	1.4	352
1/6/2024 13:00	1.3	7.0	316	0.8	3.0	315	EC	1.8	342
1/6/2024 12:30	1.2	10.2	318	0.9	5.7	315	EC	1.7	338
1/6/2024 12:00	1.0	7.2	294	1.0	5.8	304	EC	1.7	312
1/6/2024 11:30	0.5	4.2	259	1.2	4.1	277	EC	0.8	294
1/6/2024 11:00	0.7	5.6	274	2.2	4.7	277	EC	1.5	314
1/6/2024 10:30	0.4	5.4	173	1.0	3.6	160	EC	2.5	180
1/6/2024 10:00	0.5	4.7	163	0.9	3.1	119	EC	2.6	145
1/6/2024 9:30	0.5	7.2	115	0.7	3.2	109	EC	3.0	144
1/6/2024 9:00	0.6	8.8	84	0.8	3.6	86	EC	6.1	85
1/6/2024 8:30	0.5	7.3	77	0.8	2.9	75	EC	4.8	84
1/6/2024 8:00	1.7	7.2	49	0.8	2.3	59	EC	2.6	58
1/6/2024 7:30	2.8	8.1	34	0.7	1.6	39	EC	2.6	20
1/6/2024 7:00	0.8	8.2	49	0.7	2.8	41	EC	3.2	45
1/6/2024 6:30	0.6	6.5	70	0.6	2.3	80	EC	3.0	74
1/6/2024 6:00	1.6	8.2	43	0.5	1.7	50	EC	2.8	48
1/6/2024 5:30	2.7	9.4	36	0.5	2.5	52	EC	3.2	38
1/6/2024 5:00	6.5	9.4	26	0.5	2.2	34	EC	3.1	14
1/6/2024 4:30	2.6	8.7	28	0.6	1.9	44	EC	2.7	25
1/6/2024 4:00	1.0	8.7	42	0.6	2.4	49	EC	3.0	29
1/6/2024 3:30	0.6	9.0	51	0.7	2.5	57	EC	3.3	52
1/6/2024 3:00	0.6	8.8	51	0.6	2.2	55	EC	3.1	49
1/6/2024 2:30	0.2	6.4	57	0.6	2.0	62	EC	3.1	46
1/6/2024 2:00	1.5	7.8	31	0.7	1.6	39	EC	2.3	38
1/6/2024 1:30	0.2	4.9	55	0.9	1.1	39	EC	1.9	46
1/6/2024 1:00	0.2	4.3	60	AX	1.5	60	EC	1.8	55
1/6/2024 0:30	AX	4.5	86	0.6	1.9	78	EC	2.7	84

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
1/6/2024 0:00	0.2	5.1	74	0.6	1.9	65	EC	2.8	74
1/5/2024 23:30	0.2	3.7	66	0.6	1.8	63	EC	2.2	68
1/5/2024 23:00	0.2	3.9	60	0.6	1.3	40	EC	1.5	61
1/5/2024 22:30	0.2	4.6	55	0.7	1.2	26	EC	1.7	61
1/5/2024 22:00	0.4	3.6	60	0.4	1.3	41	EC	1.3	39
1/5/2024 21:30	0.2	2.8	62	0.2	1.2	58	EC	1.8	71
1/5/2024 21:00	0.2	2.9	84	0.4	1.5	59	EC	1.7	62
1/5/2024 20:30	0.7	3.4	80	0.5	1.4	60	EC	1.0	10
1/5/2024 20:00	1.7	3.3	71	0.4	1.2	42	EC	1.2	357
1/5/2024 19:30	0.2	2.8	91	0.5	0.6	49	EC	0.6	24
1/5/2024 19:00	0.2	2.6	91	0.5	0.8	74	EC	0.4	30
1/5/2024 18:30	0.2	3.6	75	0.4	0.8	60	EC	1.1	43
1/5/2024 18:00	0.2	3.7	74	0.4	1.1	61	0.2	1.2	44
1/5/2024 17:30	0.2	3.7	68	0.4	1.6	76	0.2	1.3	56
1/5/2024 17:00	0.2	3.2	67	0.4	1.2	71	0.2	1.2	66
1/5/2024 16:30	0.2	3.2	73	0.5	2.0	72	0.2	2.6	72
1/5/2024 16:00	0.2	3.2	69	0.6	2.3	101	0.2	2.2	84
1/5/2024 15:30	0.2	1.7	42	0.6	2.4	26	0.2	1.3	336
1/5/2024 15:00	0.2	3.5	32	0.5	2.4	173	0.2	2.4	59
1/5/2024 14:30	0.2	2.9	123	0.6	2.3	183	0.2	1.6	59
1/5/2024 14:00	0.2	3.0	91	0.7	1.9	55	0.2	2.1	115
1/5/2024 13:30	0.2	3.7	56	0.7	2.8	176	0.2	2.7	163
1/5/2024 13:00	0.2	4.0	92	0.8	2.8	179	0.2	2.7	74
1/5/2024 12:30	0.2	3.5	99	0.8	2.3	150	0.2	2.4	50
1/5/2024 12:00	0.2	4.0	125	0.8	2.4	104	0.2	2.2	122
1/5/2024 11:30	0.2	4.4	82	0.9	2.6	88	0.2	2.8	90
1/5/2024 11:00	0.4	4.6	100	0.9	2.8	76	0.2	3.2	83
1/5/2024 10:30	0.4	5.2	73	0.9	2.6	82	0.2	3.1	71
1/5/2024 10:00	1.5	6.0	39	1.0	1.9	21	0.2	2.4	39
1/5/2024 9:30	4.3	3.6	59	0.9	1.0	43	0.2	1.0	89
1/5/2024 9:00	4.1	4.1	55	0.7	1.1	27	0.2	1.1	50
1/5/2024 8:30	6.1	3.8	52	0.7	1.7	53	0.2	1.1	27
1/5/2024 8:00	7.2	3.5	54	0.6	1.7	41	0.2	0.7	42
1/5/2024 7:30	5.2	1.9	44	0.6	1.4	40	0.2	0.6	26
1/5/2024 7:00	1.9	0.4	137	0.6	0.9	39	0.2	0.9	21
1/5/2024 6:30	1.4	1.6	199	0.7	0.7	26	0.2	0.4	355
1/5/2024 6:00	1.6	1.2	173	0.7	1.0	27	0.2	0.4	28
1/5/2024 5:30	1.5	1.3	193	0.7	0.6	340	0.2	0.2	70
1/5/2024 5:00	1.5	1.4	168	0.7	0.7	29	0.2	0.4	42
1/5/2024 4:30	2.5	1.1	174	0.7	0.6	36	0.2	0.5	11
1/5/2024 4:00	2.8	0.9	169	0.6	0.8	28	0.2	0.7	351
1/5/2024 3:30	4.9	2.6	202	0.6	1.0	245	0.2	1.5	229
1/5/2024 3:00	24.4	2.8	34	0.6	0.9	337	0.2	0.6	294
1/5/2024 2:30	0.8	5.2	44	0.6	1.0	358	0.2	0.6	345
1/5/2024 2:00	17.1	4.1	28	0.7	0.6	20	0.2	1.3	17
1/5/2024 1:30	0.8	6.0	37	0.7	0.5	340	AX	1.3	24
1/5/2024 1:00	0.7	7.0	41	AX	0.6	12	0.2	1.9	12
1/5/2024 0:30	AX	4.9	41	0.4	1.4	0	0.2	0.7	38

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