



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 08, 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
11/01/2024 00:00	11/07/2024 23:59	1.4	0.5	0.3

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.

Glenn Rogers
Environmental 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

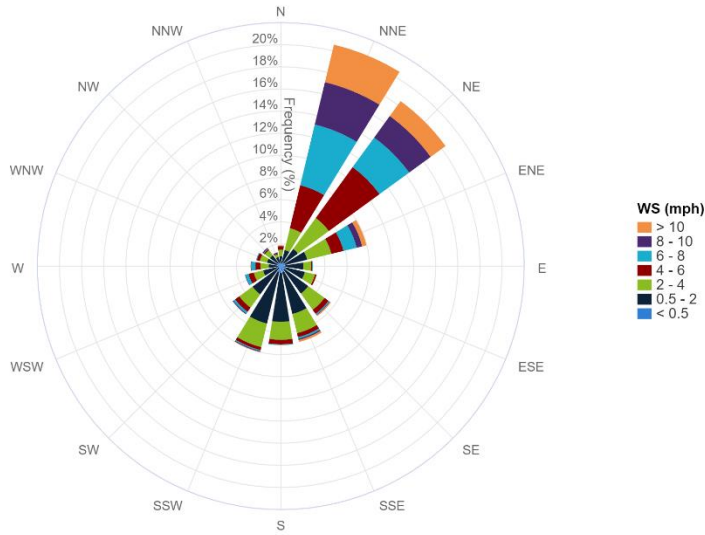
Attachments:

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 11/01/2024 00:00 to 11/07/2024 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			
10/26/2024 00:00	11/01/2024 23:59	6.3	0.5	0.4	11/01/2024	0.4	1.5	0.5
10/27/2024 00:00	11/02/2024 23:59	4.6	0.4	0.4	11/02/2024	1.5	0.2	0.2
10/28/2024 00:00	11/03/2024 23:59	4.3	0.4	0.4	11/03/2024	1.5	0.3	0.2
10/29/2024 00:00	11/04/2024 23:59	3.9	0.4	0.4	11/04/2024	1.8	0.2	0.2
10/30/2024 00:00	11/05/2024 23:59	3.1	0.4	0.4	11/05/2024	1.6	0.2	0.2
10/31/2024 00:00	11/06/2024 23:59	1.8	0.5	0.4	11/06/2024	1.7	0.6	0.6
11/01/2024 00:00	11/07/2024 23:59	1.4	0.5	0.3	11/07/2024	1.4	0.3	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
11/8/2024 0:00	0.2	1.1	270	0.2	0.3	10	0.2	0.2	201
11/7/2024 23:30	0.5	0.9	271	0.2	0.9	21	0.2	0.2	310
11/7/2024 23:00	0.9	1.7	293	0.2	1.6	25	0.2	0.6	335
11/7/2024 22:30	2.4	0.6	265	0.2	0.6	46	0.2	0.5	333
11/7/2024 22:00	0.4	1.1	204	0.2	0.6	305	0.2	0.5	257
11/7/2024 21:30	0.6	1.5	188	0.2	0.4	32	0.2	0.5	203
11/7/2024 21:00	1.0	2.2	161	0.2	0.4	95	0.4	0.3	155
11/7/2024 20:30	0.2	1.3	220	0.2	0.5	50	0.2	0.2	59
11/7/2024 20:00	0.2	1.2	194	0.2	0.3	269	0.2	0.3	233
11/7/2024 19:30	0.6	0.6	151	0.2	0.3	53	0.2	0.3	31
11/7/2024 19:00	0.7	1.0	213	0.2	0.4	50	0.2	0.2	337
11/7/2024 18:30	0.6	0.7	187	0.2	0.3	50	0.2	0.2	23
11/7/2024 18:00	0.2	0.5	177	0.2	0.4	317	0.2	0.4	304
11/7/2024 17:30	0.2	1.3	126	0.2	0.6	26	0.2	0.7	88
11/7/2024 17:00	0.2	1.3	193	0.2	0.8	234	0.5	1.0	196
11/7/2024 16:30	1.3	2.8	182	0.2	1.4	201	1.4	1.0	201
11/7/2024 16:00	0.8	2.6	198	0.2	1.3	231	0.5	1.0	212
11/7/2024 15:30	0.7	1.8	175	1.1	1.1	228	2.2	1.3	216
11/7/2024 15:00	0.2	3.1	214	0.6	2.5	225	1.1	2.3	204
11/7/2024 14:30	0.2	3.8	162	0.2	1.7	174	0.2	2.5	186
11/7/2024 14:00	0.2	3.9	166	0.2	2.6	178	0.6	2.2	173
11/7/2024 13:30	0.2	3.4	219	0.2	3.0	227	0.9	2.0	215
11/7/2024 13:00	0.6	0.8	125	1.0	1.1	225	0.6	1.3	62
11/7/2024 12:30	1.1	0.9	227	1.3	0.9	23	0.4	0.9	113
11/7/2024 12:00	0.7	1.7	292	0.4	1.1	330	0.4	0.5	358
11/7/2024 11:30	0.7	1.0	29	0.2	0.9	246	0.2	0.7	14
11/7/2024 11:00	1.5	0.8	154	0.2	1.3	151	0.2	1.0	128
11/7/2024 10:30	2.5	1.2	182	0.2	1.0	140	0.2	1.4	102
11/7/2024 10:00	3.2	0.9	76	0.2	0.9	93	0.2	0.9	43
11/7/2024 9:30	1.8	0.9	344	0.2	0.9	16	0.2	0.6	355
11/7/2024 9:00	6.7	1.2	51	0.2	0.5	28	0.2	0.5	69
11/7/2024 8:30	3.9	0.7	32	0.2	0.6	6	0.2	0.6	349
11/7/2024 8:00	1.8	0.8	82	0.2	0.3	17	0.2	0.5	358
11/7/2024 7:30	1.1	0.9	157	0.2	0.3	342	0.2	0.4	352
11/7/2024 7:00	1.9	0.9	149	0.2	0.3	333	0.2	0.4	64
11/7/2024 6:30	3.3	0.5	292	0.2	0.2	295	0.2	0.2	290
11/7/2024 6:00	2.0	2.0	79	0.2	0.4	43	0.2	0.6	49
11/7/2024 5:30	3.3	1.8	86	0.2	1.4	22	0.2	1.1	342
11/7/2024 5:00	3.0	2.4	85	0.2	0.7	112	0.2	1.1	199
11/7/2024 4:30	2.3	3.1	87	0.2	1.7	21	0.2	0.7	54
11/7/2024 4:00	2.2	5.3	318	0.2	2.0	341	0.2	1.5	330
11/7/2024 3:30	2.8	1.8	140	0.2	1.0	29	0.2	0.7	117
11/7/2024 3:00	1.5	2.9	292	0.4	2.3	337	0.2	0.9	294
11/7/2024 2:30	1.4	5.8	233	0.2	2.7	254	0.2	1.8	262
11/7/2024 2:00	0.8	10.4	149	0.2	2.7	139	0.2	3.5	169
11/7/2024 1:30	1.5	9.0	151	0.2	2.1	147	AX	2.6	181
11/7/2024 1:00	2.3	4.3	155	AX	1.4	184	0.2	1.1	184
11/7/2024 0:30	AX	2.8	141	0.8	0.8	47	0.9	0.5	3

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
11/7/2024 0:00	1.7	1.5	137	0.2	1.2	75	1.0	0.7	346
11/6/2024 23:30	1.6	3.9	227	0.2	1.8	253	0.2	1.3	270
11/6/2024 23:00	0.7	4.9	173	0.2	1.9	208	0.2	1.6	186
11/6/2024 22:30	1.4	2.4	156	0.4	0.7	139	0.6	1.3	170
11/6/2024 22:00	2.1	1.5	67	1.0	0.4	55	1.1	0.4	187
11/6/2024 21:30	7.0	1.4	152	1.3	0.4	356	1.5	0.4	263
11/6/2024 21:00	4.8	1.5	124	2.0	0.6	57	1.6	0.5	105
11/6/2024 20:30	3.2	1.5	123	3.0	0.4	67	1.2	0.3	142
11/6/2024 20:00	2.0	1.9	137	3.8	0.8	89	0.8	0.5	71
11/6/2024 19:30	1.3	3.1	278	2.2	1.0	343	0.5	0.6	315
11/6/2024 19:00	0.9	2.9	181	0.2	1.2	94	0.2	0.7	188
11/6/2024 18:30	5.4	1.6	297	0.2	1.0	69	0.2	0.7	317
11/6/2024 18:00	2.5	1.4	204	0.2	0.5	58	0.2	0.3	293
11/6/2024 17:30	4.9	1.4	201	0.2	0.4	65	0.2	0.8	237
11/6/2024 17:00	7.3	3.1	24	0.2	0.7	33	0.2	0.3	232
11/6/2024 16:30	2.1	2.0	61	0.2	0.6	26	0.2	0.4	304
11/6/2024 16:00	2.9	2.6	22	0.2	0.8	2	0.2	0.3	273
11/6/2024 15:30	0.7	2.6	3	0.2	1.9	342	0.2	0.8	324
11/6/2024 15:00	0.2	2.7	316	0.8	2.3	321	0.6	0.9	319
11/6/2024 14:30	0.2	1.8	312	0.7	1.2	276	0.2	0.9	358
11/6/2024 14:00	0.2	2.9	278	2.2	1.6	265	0.7	0.5	292
11/6/2024 13:30	0.2	2.7	216	0.5	1.5	241	1.8	1.1	237
11/6/2024 13:00	0.2	3.3	201	0.2	2.2	222	1.9	1.6	202
11/6/2024 12:30	0.2	2.5	206	0.2	2.5	210	0.9	1.6	208
11/6/2024 12:00	0.2	3.2	205	0.2	2.4	206	0.2	2.0	200
11/6/2024 11:30	0.2	1.9	194	0.2	2.4	209	0.2	1.5	185
11/6/2024 11:00	0.2	2.4	178	0.5	2.5	206	1.7	1.2	211
11/6/2024 10:30	0.2	1.6	209	3.9	1.4	235	2.7	2.3	218
11/6/2024 10:00	0.2	1.7	221	1.2	1.5	293	1.8	1.4	201
11/6/2024 9:30	0.4	1.4	220	0.2	1.0	237	0.2	1.1	160
11/6/2024 9:00	0.2	1.4	140	0.2	0.9	156	0.2	0.6	152
11/6/2024 8:30	0.4	1.0	48	0.2	0.5	26	0.2	0.8	47
11/6/2024 8:00	0.8	1.4	45	0.2	0.6	24	0.2	0.7	55
11/6/2024 7:30	1.0	1.2	90	0.2	0.4	42	0.2	0.8	61
11/6/2024 7:00	4.6	1.0	23	0.2	0.6	13	0.2	0.3	26
11/6/2024 6:30	0.7	0.7	73	0.2	0.2	348	0.2	0.4	103
11/6/2024 6:00	0.8	0.9	220	0.2	0.2	275	0.2	0.5	131
11/6/2024 5:30	3.6	0.3	226	0.2	0.5	304	0.2	0.3	112
11/6/2024 5:00	3.1	0.7	157	0.2	0.6	256	0.2	0.4	209
11/6/2024 4:30	1.5	1.2	231	0.2	0.2	28	0.2	0.2	264
11/6/2024 4:00	0.9	1.0	219	0.2	0.5	338	0.2	0.3	249
11/6/2024 3:30	0.5	1.3	191	0.2	0.4	261	0.2	0.6	282
11/6/2024 3:00	0.8	0.9	181	0.2	0.4	297	0.2	0.3	335
11/6/2024 2:30	1.2	1.4	198	0.2	0.4	306	0.2	0.4	325
11/6/2024 2:00	0.5	1.8	163	0.2	0.4	249	0.2	0.4	253
11/6/2024 1:30	1.8	1.0	169	0.2	0.6	260	AX	0.6	216
11/6/2024 1:00	2.1	1.8	147	AX	0.7	228	0.2	0.6	204
11/6/2024 0:30	AX	2.6	158	0.2	0.9	211	0.2	0.8	197

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
11/6/2024 0:00	0.2	2.5	160	0.2	1.5	227	0.2	1.3	180
11/5/2024 23:30	0.4	3.2	136	0.2	0.9	127	0.2	1.3	143
11/5/2024 23:00	0.8	3.0	156	0.2	0.8	236	0.2	0.9	183
11/5/2024 22:30	0.9	2.8	139	0.2	0.6	223	0.2	0.9	190
11/5/2024 22:00	0.5	3.3	130	0.2	0.4	56	0.2	0.5	196
11/5/2024 21:30	0.7	2.5	128	0.2	0.3	47	0.2	0.4	88
11/5/2024 21:00	1.1	1.0	145	0.2	0.7	43	0.2	0.6	12
11/5/2024 20:30	1.7	1.2	216	0.2	0.6	352	0.2	0.5	331
11/5/2024 20:00	2.3	1.4	17	0.2	1.0	7	0.2	1.0	77
11/5/2024 19:30	1.4	2.8	62	0.2	0.6	333	0.2	0.4	62
11/5/2024 19:00	3.6	2.0	52	0.2	0.9	30	0.2	0.7	50
11/5/2024 18:30	1.2	0.8	109	0.2	0.8	45	0.2	0.3	354
11/5/2024 18:00	0.5	0.7	99	0.2	0.6	39	0.2	0.3	343
11/5/2024 17:30	0.4	1.8	299	0.2	2.1	356	0.2	0.3	289
11/5/2024 17:00	0.5	3.4	312	1.5	2.3	323	0.5	0.8	325
11/5/2024 16:30	0.2	2.4	290	0.5	2.0	294	1.0	0.7	301
11/5/2024 16:00	0.4	1.3	297	0.2	0.6	220	0.5	0.6	262
11/5/2024 15:30	0.2	1.5	194	0.2	1.5	186	0.2	1.1	86
11/5/2024 15:00	0.2	2.2	82	0.2	1.3	141	0.2	1.4	116
11/5/2024 14:30	0.2	1.5	136	0.2	0.9	184	0.2	0.9	237
11/5/2024 14:00	0.2	2.1	130	0.2	0.6	109	0.2	0.6	58
11/5/2024 13:30	0.2	2.7	119	0.2	0.9	96	0.2	1.4	141
11/5/2024 13:00	0.2	2.2	140	0.2	1.1	91	0.2	0.9	126
11/5/2024 12:30	0.2	1.9	130	0.2	1.0	100	0.2	1.4	157
11/5/2024 12:00	0.2	2.7	120	0.2	1.0	126	0.2	0.8	139
11/5/2024 11:30	0.2	2.1	122	0.2	1.0	116	0.2	0.8	66
11/5/2024 11:00	0.2	2.2	111	0.2	1.0	102	0.2	0.9	133
11/5/2024 10:30	0.4	3.3	114	0.2	1.1	93	0.2	1.1	94
11/5/2024 10:00	0.5	1.6	59	0.2	1.2	25	0.2	1.1	26
11/5/2024 9:30	2.0	2.0	22	0.2	1.5	0	0.2	0.9	1
11/5/2024 9:00	2.5	2.7	37	0.2	1.2	23	0.2	1.0	42
11/5/2024 8:30	6.0	3.0	40	0.2	1.2	1	0.2	1.0	353
11/5/2024 8:00	10.0	2.1	54	0.2	0.9	6	0.2	0.9	325
11/5/2024 7:30	11.8	3.3	16	0.2	1.3	357	0.2	1.2	339
11/5/2024 7:00	6.1	4.5	19	0.2	1.1	13	0.2	1.5	340
11/5/2024 6:30	1.4	5.6	29	0.2	1.1	38	0.2	1.2	10
11/5/2024 6:00	0.7	3.5	52	0.2	0.7	54	0.2	1.0	23
11/5/2024 5:30	0.6	1.9	53	0.2	0.9	3	0.2	1.0	7
11/5/2024 5:00	1.3	4.3	27	0.2	1.0	15	0.2	1.2	47
11/5/2024 4:30	0.2	5.5	40	0.2	1.2	55	0.2	1.3	34
11/5/2024 4:00	0.2	1.8	46	0.2	0.8	335	0.2	0.6	348
11/5/2024 3:30	0.4	2.9	54	0.2	0.5	11	0.2	1.1	44
11/5/2024 3:00	0.9	4.0	42	0.2	0.7	28	0.2	1.2	37
11/5/2024 2:30	1.6	6.3	34	0.2	1.0	59	0.2	1.4	29
11/5/2024 2:00	2.7	6.6	33	0.2	0.9	48	0.2	1.4	30
11/5/2024 1:30	3.6	6.1	27	0.2	1.1	39	AX	1.6	14
11/5/2024 1:00	3.0	5.1	35	AX	0.8	72	0.2	1.4	19
11/5/2024 0:30	AX	6.0	32	0.2	0.7	57	0.2	1.7	11

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
11/5/2024 0:00	4.7	6.9	26	0.2	1.5	33	0.2	2.1	13
11/4/2024 23:30	3.1	6.5	29	0.2	1.2	48	0.2	2.0	17
11/4/2024 23:00	6.4	6.7	25	0.2	1.2	40	0.2	2.0	9
11/4/2024 22:30	1.4	5.8	32	0.2	0.9	57	0.2	2.0	24
11/4/2024 22:00	2.2	5.8	31	0.2	1.5	43	0.2	1.6	21
11/4/2024 21:30	5.1	4.7	38	0.2	0.9	50	0.2	1.3	26
11/4/2024 21:00	19.5	4.0	15	0.2	0.9	49	0.2	1.4	1
11/4/2024 20:30	6.4	4.7	23	0.2	0.8	42	0.2	1.5	360
11/4/2024 20:00	8.0	6.1	23	0.2	1.2	35	0.2	1.8	1
11/4/2024 19:30	2.0	6.2	25	0.2	1.1	30	0.2	1.1	0
11/4/2024 19:00	1.4	5.2	37	0.2	0.9	22	0.2	0.9	13
11/4/2024 18:30	1.9	4.4	37	0.2	0.5	52	0.2	0.8	25
11/4/2024 18:00	2.5	4.9	40	0.2	0.5	70	0.2	1.4	34
11/4/2024 17:30	2.5	7.4	26	0.2	0.8	49	0.2	1.5	15
11/4/2024 17:00	1.2	11.8	57	0.2	1.1	50	0.2	2.0	38
11/4/2024 16:30	1.0	8.2	38	0.2	1.6	41	0.2	2.5	43
11/4/2024 16:00	0.9	9.5	25	0.2	2.4	40	0.2	2.7	41
11/4/2024 15:30	0.6	8.1	24	0.2	2.1	49	0.2	3.1	44
11/4/2024 15:00	0.5	8.0	32	0.2	2.2	39	0.2	3.2	52
11/4/2024 14:30	0.2	6.9	35	0.2	2.1	60	0.2	3.1	42
11/4/2024 14:00	0.2	7.7	30	0.2	2.7	37	0.2	2.8	40
11/4/2024 13:30	0.2	8.5	27	0.2	2.3	40	0.2	2.2	28
11/4/2024 13:00	0.2	7.4	42	0.2	2.2	64	0.2	2.9	38
11/4/2024 12:30	0.2	7.6	54	0.2	2.6	41	0.2	3.0	40
11/4/2024 12:00	0.6	8.3	34	0.2	2.7	37	0.2	3.3	38
11/4/2024 11:30	0.4	8.1	30	0.2	2.9	47	0.2	4.1	46
11/4/2024 11:00	0.2	10.0	31	0.2	2.7	60	0.2	4.1	24
11/4/2024 10:30	0.2	10.3	33	0.2	2.5	58	0.2	4.0	33
11/4/2024 10:00	0.4	9.8	40	0.2	2.1	50	0.2	3.2	33
11/4/2024 9:30	0.5	10.3	26	0.2	2.4	43	0.2	3.3	34
11/4/2024 9:00	0.2	9.3	31	0.2	1.9	50	0.2	3.1	39
11/4/2024 8:30	0.2	10.2	30	0.2	2.0	38	0.2	2.7	28
11/4/2024 8:00	0.2	9.7	30	0.2	1.6	53	0.2	2.5	37
11/4/2024 7:30	0.4	10.1	30	0.2	1.7	50	0.2	2.5	33
11/4/2024 7:00	0.8	9.7	29	0.2	1.8	47	0.2	2.2	22
11/4/2024 6:30	0.2	10.3	34	0.2	1.7	53	0.2	2.6	29
11/4/2024 6:00	0.9	12.3	28	0.2	2.0	46	0.2	2.6	31
11/4/2024 5:30	0.4	9.5	32	0.2	1.7	52	0.2	3.1	29
11/4/2024 5:00	0.7	10.3	33	0.2	1.6	46	0.2	2.7	31
11/4/2024 4:30	0.6	8.7	32	0.2	1.3	38	0.2	2.0	33
11/4/2024 4:00	0.6	9.0	33	0.2	1.1	58	0.2	2.3	36
11/4/2024 3:30	0.2	7.0	51	0.2	1.2	54	0.2	2.6	42
11/4/2024 3:00	0.2	6.9	55	0.2	1.3	65	0.2	2.5	50
11/4/2024 2:30	0.2	5.9	55	0.2	1.3	47	0.2	2.0	45
11/4/2024 2:00	0.2	6.1	59	0.2	0.9	59	0.2	2.9	56
11/4/2024 1:30	0.6	6.2	59	0.2	1.0	58	AX	2.2	46
11/4/2024 1:00	1.5	6.1	54	AX	0.7	45	0.2	1.9	44
11/4/2024 0:30	AX	6.2	51	0.2	0.8	43	0.2	1.8	40

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
11/4/2024 0:00	1.6	7.0	33	0.2	0.9	69	0.2	2.0	33
11/3/2024 23:30	1.8	6.2	29	0.2	0.7	46	0.2	1.3	5
11/3/2024 23:00	0.2	4.0	48	0.2	0.7	36	0.2	1.0	13
11/3/2024 22:30	0.5	4.4	43	0.2	0.6	25	0.2	1.1	19
11/3/2024 22:00	1.0	5.7	39	0.2	0.9	46	0.2	1.6	30
11/3/2024 21:30	1.6	6.2	30	0.2	0.7	33	0.2	1.3	12
11/3/2024 21:00	0.9	4.8	39	0.2	0.7	20	0.2	0.8	14
11/3/2024 20:30	1.7	5.8	32	0.2	0.4	51	0.2	1.1	19
11/3/2024 20:00	1.7	5.6	28	0.2	0.8	10	0.2	0.8	349
11/3/2024 19:30	1.5	6.8	26	0.2	0.4	43	0.2	1.0	17
11/3/2024 19:00	0.9	5.5	33	0.2	0.7	33	0.2	0.9	7
11/3/2024 18:30	0.6	5.1	43	0.2	0.4	43	0.2	0.8	19
11/3/2024 18:00	0.2	4.5	51	0.2	0.4	30	0.2	0.6	336
11/3/2024 17:30	0.2	5.3	65	0.2	0.6	61	0.2	0.9	25
11/3/2024 17:00	0.4	7.3	49	0.2	0.9	69	0.2	2.1	49
11/3/2024 16:30	0.2	21.2	51	0.2	1.6	52	0.2	3.1	41
11/3/2024 16:00	0.2	8.3	45	0.2	1.8	58	0.2	3.2	41
11/3/2024 15:30	0.2	10.0	33	0.2	2.1	52	0.2	3.6	38
11/3/2024 15:00	0.5	11.3	27	0.2	3.2	33	0.2	3.6	42
11/3/2024 14:30	0.4	9.3	31	0.2	3.1	31	0.2	3.6	21
11/3/2024 14:00	0.6	10.3	24	0.2	3.8	31	0.2	3.3	31
11/3/2024 13:30	0.4	10.6	35	0.2	2.7	55	0.2	3.5	32
11/3/2024 13:00	0.2	9.4	40	0.2	3.5	40	0.2	4.4	49
11/3/2024 12:30	0.4	12.6	35	0.2	3.2	61	0.2	4.6	59
11/3/2024 12:00	0.7	11.1	19	0.2	3.1	33	0.2	4.3	46
11/3/2024 11:30	0.2	9.6	44	0.2	3.2	42	0.2	4.2	58
11/3/2024 11:00	0.2	10.3	48	0.2	2.6	83	0.2	4.2	44
11/3/2024 10:30	0.2	11.4	48	0.2	2.7	71	0.2	4.7	51
11/3/2024 10:00	0.2	8.8	49	0.2	1.8	65	0.2	3.9	53
11/3/2024 9:30	0.2	8.6	54	0.2	1.9	66	0.2	2.9	52
11/3/2024 9:00	1.0	6.5	39	0.2	1.3	35	0.2	3.0	46
11/3/2024 8:30	1.1	6.4	40	0.2	0.9	20	0.2	1.9	34
11/3/2024 8:00	1.7	8.6	27	0.2	1.5	20	0.2	1.8	25
11/3/2024 7:30	2.2	8.1	25	0.2	0.9	46	0.2	2.2	19
11/3/2024 7:00	1.9	8.1	26	0.2	1.2	41	0.2	2.6	30
11/3/2024 6:30	4.0	7.8	29	0.2	1.1	58	0.2	2.5	30
11/3/2024 6:00	3.7	8.3	30	0.2	1.7	46	0.2	2.5	28
11/3/2024 5:30	5.4	7.4	29	0.2	1.4	42	0.2	1.7	20
11/3/2024 5:00	3.0	4.8	34	0.2	0.5	17	0.2	0.5	319
11/3/2024 4:30	9.5	3.9	32	0.5	0.4	18	0.2	0.2	260
11/3/2024 4:00	7.2	5.7	18	0.4	0.5	45	0.2	0.4	254
11/3/2024 3:30	1.5	5.6	41	0.2	0.5	47	0.2	1.7	349
11/3/2024 3:00	1.2	3.4	37	0.2	0.5	5	0.2	0.6	311
11/3/2024 2:30	1.2	3.2	45	0.8	0.5	4	1.6	0.4	304
11/3/2024 2:00	1.2	2.4	67	3.1	0.3	27	BF	0.5	312
11/3/2024 1:30	3.1	3.1	58	BF	0.5	55	BF	1.0	13
11/3/2024 1:00	BF	4.3	44	BF	0.9	44	0.2	0.9	18
11/3/2024 0:30	BF	4.6	38	0.2	0.5	56	0.2	0.4	319

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
11/3/2024 0:00	0.2	3.7	44	0.2	0.4	49	0.2	0.4	350
11/2/2024 23:30	0.2	2.7	54	0.2	0.4	59	0.2	0.4	307
11/2/2024 23:00	2.4	1.3	35	0.2	0.7	22	0.2	0.4	296
11/2/2024 22:30	0.2	1.3	92	0.2	0.6	324	0.2	0.4	274
11/2/2024 22:00	0.8	0.9	102	0.2	0.3	36	0.2	0.5	265
11/2/2024 21:30	1.4	1.4	67	0.2	0.7	46	0.2	0.6	253
11/2/2024 21:00	0.7	1.8	68	0.2	0.5	53	0.2	0.5	320
11/2/2024 20:30	0.4	1.9	68	0.2	0.5	41	0.2	0.5	305
11/2/2024 20:00	0.2	1.9	85	0.2	0.6	39	0.2	0.3	311
11/2/2024 19:30	1.4	2.2	83	0.2	0.5	57	0.2	0.3	322
11/2/2024 19:00	0.2	2.7	58	0.2	0.3	64	0.2	0.4	37
11/2/2024 18:30	0.5	1.9	56	0.2	0.3	59	0.2	0.4	40
11/2/2024 18:00	0.2	3.4	55	0.2	0.3	62	0.2	0.8	39
11/2/2024 17:30	1.7	5.1	42	0.2	0.5	57	0.2	0.7	27
11/2/2024 17:00	0.2	6.9	47	0.2	0.9	45	0.2	1.4	26
11/2/2024 16:30	0.4	7.5	34	0.2	1.2	45	0.2	2.2	47
11/2/2024 16:00	0.2	8.0	33	0.2	1.4	67	0.2	2.2	42
11/2/2024 15:30	0.4	6.7	46	0.2	1.7	77	0.2	2.8	48
11/2/2024 15:00	0.2	4.3	62	0.2	1.5	52	0.2	2.6	49
11/2/2024 14:30	0.2	1.5	78	0.2	1.3	73	0.2	2.2	97
11/2/2024 14:00	0.2	2.8	70	0.2	1.5	112	0.2	1.9	87
11/2/2024 13:30	0.2	5.6	35	0.2	1.8	109	0.2	2.3	117
11/2/2024 13:00	0.2	5.4	46	0.2	2.3	102	0.2	3.0	119
11/2/2024 12:30	0.2	5.7	47	0.2	1.8	65	0.2	2.9	71
11/2/2024 12:00	0.2	7.5	38	0.2	2.2	56	0.2	3.0	66
11/2/2024 11:30	0.2	9.5	36	0.2	1.7	77	0.2	3.0	44
11/2/2024 11:00	0.2	9.1	44	0.2	1.9	57	0.2	3.5	46
11/2/2024 10:30	0.2	6.3	66	0.2	2.0	75	0.2	3.2	51
11/2/2024 10:00	0.2	9.0	57	0.2	2.3	71	0.2	4.2	47
11/2/2024 9:30	0.9	8.3	54	0.2	1.7	71	0.2	3.8	54
11/2/2024 9:00	6.7	5.9	26	0.2	0.8	41	0.2	1.8	25
11/2/2024 8:30	10.4	3.5	15	0.2	0.7	33	0.2	1.4	341
11/2/2024 8:00	10.0	1.8	39	0.2	0.7	38	0.2	0.5	338
11/2/2024 7:30	1.3	2.9	46	0.2	0.6	18	0.2	0.4	41
11/2/2024 7:00	0.8	1.4	73	0.2	0.6	34	0.2	0.3	44
11/2/2024 6:30	5.7	0.5	37	0.2	0.5	56	0.2	0.4	10
11/2/2024 6:00	0.6	0.9	198	0.2	0.3	2	0.2	0.3	316
11/2/2024 5:30	1.1	1.3	131	0.2	0.9	65	0.2	0.5	86
11/2/2024 5:00	4.8	0.9	265	0.2	0.5	16	0.2	0.5	336
11/2/2024 4:30	1.2	1.1	179	0.4	0.3	44	0.2	0.3	149
11/2/2024 4:00	4.6	1.5	229	0.2	0.5	56	0.2	0.4	349
11/2/2024 3:30	3.7	0.8	150	0.2	0.3	25	0.2	0.4	57
11/2/2024 3:00	2.4	0.8	90	0.2	0.4	33	0.2	0.4	55
11/2/2024 2:30	0.4	0.9	124	0.2	0.6	51	0.2	0.6	16
11/2/2024 2:00	0.7	0.5	245	0.2	0.8	41	0.4	0.6	357
11/2/2024 1:30	0.4	1.3	189	0.2	0.2	344	AX	0.2	46
11/2/2024 1:00	1.9	1.0	201	AX	0.2	73	0.2	0.2	63
11/2/2024 0:30	AX	1.1	206	0.2	0.2	29	0.2	0.3	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
11/2/2024 0:00	0.6	0.7	190	0.2	0.4	58	0.2	0.3	78
11/1/2024 23:30	0.6	1.3	183	0.2	0.2	77	0.2	0.2	93
11/1/2024 23:00	0.2	2.3	196	0.2	0.2	72	0.2	0.3	99
11/1/2024 22:30	0.2	0.8	200	0.2	0.2	54	0.2	0.2	273
11/1/2024 22:00	0.2	1.5	167	0.2	0.2	67	0.2	0.3	63
11/1/2024 21:30	0.2	1.0	207	0.2	0.3	45	0.2	0.4	5
11/1/2024 21:00	0.6	1.3	190	0.2	0.2	51	0.2	0.3	34
11/1/2024 20:30	0.2	2.1	211	0.2	0.3	57	0.2	0.2	346
11/1/2024 20:00	1.0	1.1	186	0.2	0.3	89	0.2	0.4	241
11/1/2024 19:30	0.4	0.9	193	0.7	0.3	39	0.4	0.3	27
11/1/2024 19:00	0.2	1.6	192	1.2	0.2	71	0.7	0.2	61
11/1/2024 18:30	0.2	1.4	175	1.4	0.4	65	1.6	0.2	309
11/1/2024 18:00	0.2	1.1	211	2.3	0.5	32	2.3	0.3	314
11/1/2024 17:30	0.6	1.2	188	1.6	0.4	53	1.5	0.2	244
11/1/2024 17:00	0.2	1.6	184	0.7	1.2	171	0.2	0.3	253
11/1/2024 16:30	0.2	1.4	178	3.9	1.5	213	0.2	0.4	266
11/1/2024 16:00	0.2	2.6	222	2.8	3.3	236	0.2	1.1	272
11/1/2024 15:30	0.2	4.0	216	1.8	4.0	240	0.2	0.6	269
11/1/2024 15:00	0.2	4.3	253	1.9	3.8	243	0.2	1.2	289
11/1/2024 14:30	0.2	3.5	266	1.8	4.6	264	0.2	1.5	276
11/1/2024 14:00	0.2	5.3	253	2.4	4.5	239	0.2	1.1	288
11/1/2024 13:30	0.2	5.0	238	1.2	4.6	238	0.2	2.7	247
11/1/2024 13:00	0.2	5.1	258	2.6	4.2	236	0.2	1.4	268
11/1/2024 12:30	0.2	4.8	256	2.6	4.7	238	0.2	2.1	240
11/1/2024 12:00	0.2	6.1	233	0.7	4.0	231	1.1	2.5	237
11/1/2024 11:30	0.2	6.5	213	0.7	5.4	228	1.7	3.1	218
11/1/2024 11:00	0.2	6.5	214	0.8	5.0	227	0.6	3.1	220
11/1/2024 10:30	0.4	5.5	261	1.7	5.0	242	0.2	3.3	229
11/1/2024 10:00	0.2	6.7	259	0.6	4.5	272	0.2	2.8	232
11/1/2024 9:30	0.2	4.8	257	1.0	2.9	281	0.2	1.7	234
11/1/2024 9:00	0.2	2.7	235	4.9	1.8	293	1.8	0.9	315
11/1/2024 8:30	0.2	1.8	189	3.7	0.7	145	1.8	0.8	68
11/1/2024 8:00	1.8	1.4	216	0.2	0.7	23	0.4	0.8	34
11/1/2024 7:30	1.0	1.1	138	0.2	0.3	34	0.2	0.3	35
11/1/2024 7:00	0.6	1.5	187	0.4	0.4	44	0.2	0.5	13
11/1/2024 6:30	0.2	1.8	227	1.0	0.3	41	0.2	0.2	8
11/1/2024 6:00	0.4	2.0	201	3.3	0.7	38	0.5	0.2	41
11/1/2024 5:30	0.4	2.5	202	6.2	0.4	345	1.3	0.4	103
11/1/2024 5:00	0.2	1.9	208	6.3	0.4	211	0.2	0.4	93
11/1/2024 4:30	0.2	2.3	204	0.6	0.4	246	0.2	0.3	102
11/1/2024 4:00	0.2	1.5	190	0.2	0.3	239	0.2	0.6	124
11/1/2024 3:30	1.2	1.2	199	0.2	0.2	39	0.2	0.2	107
11/1/2024 3:00	0.5	1.6	194	0.2	0.3	41	0.2	0.4	67
11/1/2024 2:30	0.8	1.7	181	0.5	0.4	47	0.2	0.3	104
11/1/2024 2:00	1.3	1.4	194	1.4	0.8	49	0.4	0.8	52
11/1/2024 1:30	0.2	2.3	226	1.5	0.8	48	AX	0.3	17
11/1/2024 1:00	2.0	1.9	199	AX	0.2	46	0.4	0.4	112
11/1/2024 0:30	AX	1.7	229	1.8	0.4	25	0.4	0.2	12

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)
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
BL	Q C AUDIT (AUDT)
EC	EXCEED CRITICAL CRITERIA