



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 29, 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 H<sub>2</sub>S readings and meteorological data for each onsite monitoring station.

Paragraph 2(b)

The rolling 7-day averages for H<sub>2</sub>S readings for this period are summarized as follows:

7-day Period		Onsite 7-day Avgs, ppb H <sub>2</sub> S		
Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3
11/22/2024 00:00	11/28/2024 23:59	1.5	0.6	0.8

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 H<sub>2</sub>S 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 H<sub>2</sub>S 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

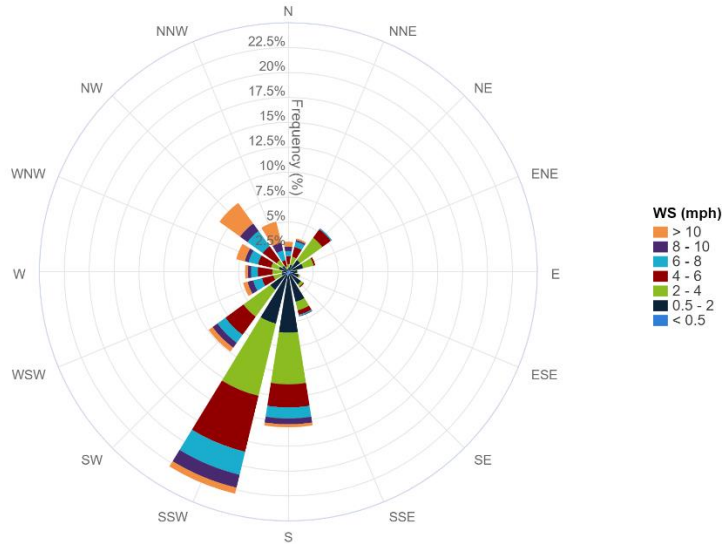
Attachments:

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 11/22/2024 00:00 to 11/28/2024 23:59]



7-Day Period		Onsite 7-day Avgs, ppb H <sub>2</sub> S			24hr Period	Onsite 24hr Avgs, ppb H <sub>2</sub> 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
11/16/2024 00:00	11/22/2024 23:59	1.3	0.5	0.6	11/22/2024	0.7	0.6	0.3
11/17/2024 00:00	11/23/2024 23:59	1.3	0.5	0.7	11/23/2024	0.6	0.6	0.6
11/18/2024 00:00	11/24/2024 23:59	1.1	0.5	0.7	11/24/2024	2.1	0.5	1.0
11/19/2024 00:00	11/25/2024 23:59	1.0	0.5	0.8	11/25/2024	0.4	0.6	1.4
11/20/2024 00:00	11/26/2024 23:59	1.0	0.6	0.8	11/26/2024	1.5	0.8	1.1
11/21/2024 00:00	11/27/2024 23:59	1.3	0.6	0.8	11/27/2024	2.9	0.3	0.4
11/22/2024 00:00	11/28/2024 23:59	1.5	0.6	0.8	11/28/2024	2.3	0.6	0.7

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
11/29/2024 0:00	6.7	4.6	21	0.2	0.4	30	0.2	1.2	11
11/28/2024 23:30	6.4	6.7	11	0.2	0.5	80	0.2	1.1	17
11/28/2024 23:00	1.6	5.8	348	0.2	1.1	347	0.2	0.3	319
11/28/2024 22:30	3.3	5.9	333	0.2	1.4	301	0.2	0.3	257
11/28/2024 22:00	8.6	5.6	8	0.2	0.7	346	0.2	0.4	312
11/28/2024 21:30	7.0	3.8	355	0.2	0.9	325	0.2	0.4	295
11/28/2024 21:00	1.6	5.4	336	0.2	1.4	342	0.2	0.8	332
11/28/2024 20:30	1.7	8.1	338	0.2	2.8	342	0.2	2.4	345
11/28/2024 20:00	3.2	9.5	359	0.2	4.8	353	0.2	4.3	353
11/28/2024 19:30	3.0	10.4	4	0.2	4.0	358	0.2	4.3	356
11/28/2024 19:00	1.8	9.9	350	0.2	3.7	349	0.2	4.4	355
11/28/2024 18:30	0.7	11.5	330	0.2	3.9	345	0.2	2.9	350
11/28/2024 18:00	1.4	12.0	338	0.2	4.8	342	0.2	4.7	344
11/28/2024 17:30	1.4	13.9	341	0.2	4.9	338	0.2	4.1	342
11/28/2024 17:00	1.1	12.3	342	0.2	6.1	353	0.2	6.3	347
11/28/2024 16:30	0.9	15.0	338	0.2	6.9	340	0.2	7.2	347
11/28/2024 16:00	0.8	14.0	327	0.2	6.1	323	0.2	2.5	331
11/28/2024 15:30	0.9	12.7	315	0.2	6.3	329	0.2	4.0	338
11/28/2024 15:00	0.8	10.5	307	0.2	6.4	302	0.2	1.5	301
11/28/2024 14:30	0.9	13.2	324	0.2	6.2	316	0.2	2.5	330
11/28/2024 14:00	0.9	11.7	310	0.2	7.7	296	0.2	2.5	313
11/28/2024 13:30	0.9	11.3	256	1.0	9.8	268	0.2	3.2	263
11/28/2024 13:00	1.0	10.4	246	1.4	10.9	264	0.2	4.0	259
11/28/2024 12:30	1.1	12.9	247	1.8	12.3	250	0.2	5.2	244
11/28/2024 12:00	1.1	9.8	235	1.6	9.8	240	0.2	4.8	246
11/28/2024 11:30	1.1	9.9	236	1.7	9.1	244	0.2	4.5	247
11/28/2024 11:00	1.3	9.4	221	1.1	8.3	239	1.2	4.6	239
11/28/2024 10:30	1.6	9.3	214	1.0	7.9	232	1.8	3.6	238
11/28/2024 10:00	2.9	9.3	209	1.3	7.6	233	2.0	3.9	231
11/28/2024 9:30	3.0	9.6	211	0.5	7.3	229	2.0	4.5	225
11/28/2024 9:00	3.6	9.5	199	0.2	7.9	218	2.1	4.3	226
11/28/2024 8:30	3.1	9.5	200	0.2	6.8	218	2.2	4.3	217
11/28/2024 8:00	3.5	9.1	196	0.2	5.2	216	2.5	4.1	214
11/28/2024 7:30	3.8	8.7	188	0.2	5.1	208	2.1	3.8	207
11/28/2024 7:00	3.2	8.0	189	0.2	6.0	213	1.8	4.4	204
11/28/2024 6:30	1.9	9.0	195	0.2	6.2	215	1.6	4.1	207
11/28/2024 6:00	1.8	8.4	188	0.2	5.5	207	0.9	4.0	207
11/28/2024 5:30	1.2	7.8	183	0.2	4.5	207	0.2	3.4	189
11/28/2024 5:00	1.2	5.9	187	0.2	4.6	205	0.2	2.8	186
11/28/2024 4:30	1.2	5.1	179	0.2	2.8	206	0.2	2.1	188
11/28/2024 4:00	1.5	3.6	183	0.2	1.8	207	0.2	1.2	163
11/28/2024 3:30	1.6	1.7	206	0.2	1.4	204	0.2	0.5	157
11/28/2024 3:00	1.2	1.7	188	0.4	1.3	193	0.2	0.5	160
11/28/2024 2:30	1.8	1.3	215	0.6	0.8	196	0.9	0.7	325
11/28/2024 2:00	2.2	1.3	171	2.1	1.2	213	1.2	0.8	127
11/28/2024 1:30	2.2	2.1	213	1.4	1.9	242	AX	0.9	261
11/28/2024 1:00	3.2	2.0	155	AX	0.9	197	1.8	0.7	108
11/28/2024 0:30	AX	1.8	208	5.0	0.8	243	2.1	0.3	95

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
11/28/2024 0:00	0.7	2.0	208	2.5	0.6	245	1.1	0.4	155
11/27/2024 23:30	0.8	1.5	200	1.5	0.7	248	0.4	0.3	268
11/27/2024 23:00	0.7	1.6	198	0.2	0.5	272	0.5	0.4	209
11/27/2024 22:30	1.1	1.7	206	0.2	0.3	261	0.2	0.3	231
11/27/2024 22:00	1.2	1.5	183	0.2	0.3	357	0.2	0.4	127
11/27/2024 21:30	0.8	1.3	196	0.2	0.5	21	0.2	0.3	313
11/27/2024 21:00	0.7	1.3	173	0.2	0.4	33	0.2	0.3	81
11/27/2024 20:30	0.8	1.6	169	0.2	0.4	40	0.2	0.4	34
11/27/2024 20:00	1.6	0.7	169	0.2	0.6	22	0.2	0.3	323
11/27/2024 19:30	1.2	1.0	179	0.2	0.5	24	0.2	0.3	43
11/27/2024 19:00	0.6	1.5	205	0.2	0.5	38	0.2	0.2	323
11/27/2024 18:30	0.6	1.8	204	0.2	0.4	22	0.2	0.3	27
11/27/2024 18:00	1.0	2.4	184	0.5	0.4	107	0.7	0.3	195
11/27/2024 17:30	0.7	1.7	193	0.7	0.3	74	1.4	0.2	210
11/27/2024 17:00	1.1	2.4	179	0.2	0.9	162	2.1	0.5	207
11/27/2024 16:30	0.9	2.8	177	0.5	1.8	219	1.4	0.6	250
11/27/2024 16:00	0.6	3.1	189	0.2	2.5	238	0.5	1.2	228
11/27/2024 15:30	0.5	3.4	166	0.2	1.2	351	0.2	1.3	261
11/27/2024 15:00	0.4	3.7	167	0.4	1.6	246	0.2	1.2	222
11/27/2024 14:30	0.5	1.5	48	0.6	1.9	172	0.7	1.8	172
11/27/2024 14:00	0.5	1.4	231	0.7	2.1	230	0.6	1.6	195
11/27/2024 13:30	0.7	1.5	227	0.7	2.3	243	0.2	1.5	238
11/27/2024 13:00	1.1	2.0	261	0.2	1.9	220	0.2	1.4	340
11/27/2024 12:30	1.4	2.2	25	0.2	2.1	230	0.2	1.6	1
11/27/2024 12:00	2.1	1.9	308	0.2	1.5	102	0.2	1.3	7
11/27/2024 11:30	2.5	2.6	9	0.2	1.9	324	0.2	1.4	22
11/27/2024 11:00	2.4	3.0	29	0.2	1.7	36	0.2	1.6	20
11/27/2024 10:30	2.6	5.3	29	0.2	2.5	21	0.2	2.6	10
11/27/2024 10:00	4.1	5.9	20	0.2	1.9	38	0.2	2.7	8
11/27/2024 9:30	5.2	6.2	29	0.2	1.7	41	0.2	2.6	1
11/27/2024 9:00	7.3	3.9	33	0.2	1.6	11	0.2	0.9	15
11/27/2024 8:30	8.7	3.4	39	0.2	0.9	18	0.2	0.8	6
11/27/2024 8:00	7.8	3.1	32	0.2	0.9	33	0.2	0.4	53
11/27/2024 7:30	7.1	4.6	40	0.2	1.2	50	0.2	1.0	48
11/27/2024 7:00	10.8	4.2	35	0.2	1.1	27	0.2	0.9	353
11/27/2024 6:30	6.0	2.9	46	0.2	0.4	39	0.2	0.2	35
11/27/2024 6:00	4.9	3.2	47	0.2	0.5	43	0.2	0.3	4
11/27/2024 5:30	4.0	2.6	51	0.2	0.3	17	0.2	0.5	5
11/27/2024 5:00	5.0	2.1	50	0.2	0.5	34	0.2	0.3	14
11/27/2024 4:30	3.5	3.6	57	0.2	0.8	51	0.2	0.2	0
11/27/2024 4:00	4.0	4.2	54	0.2	0.9	46	0.2	0.2	352
11/27/2024 3:30	4.9	4.4	50	0.2	1.4	34	0.2	0.6	7
11/27/2024 3:00	6.8	1.4	57	0.2	0.7	49	0.2	0.5	359
11/27/2024 2:30	5.1	2.9	56	0.2	1.0	46	0.2	0.3	311
11/27/2024 2:00	3.5	3.0	59	0.2	1.3	38	0.2	0.3	67
11/27/2024 1:30	4.5	1.2	84	0.4	1.0	54	AX	0.3	24
11/27/2024 1:00	4.6	1.3	52	AX	1.0	349	0.2	0.3	294
11/27/2024 0:30	AX	3.1	55	0.2	1.7	356	0.2	0.3	13

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
11/27/2024 0:00	2.8	2.9	61	0.2	1.9	35	0.2	0.9	8
11/26/2024 23:30	3.2	1.6	70	0.2	1.0	42	0.2	0.6	5
11/26/2024 23:00	2.4	1.2	70	0.2	1.2	35	0.2	0.5	3
11/26/2024 22:30	1.2	0.9	145	0.2	0.6	44	0.2	0.5	352
11/26/2024 22:00	1.3	1.1	145	0.2	1.0	57	0.2	0.3	19
11/26/2024 21:30	1.8	0.6	129	0.2	0.6	31	0.2	0.3	334
11/26/2024 21:00	2.4	0.8	150	0.2	0.7	41	0.2	0.3	13
11/26/2024 20:30	2.1	1.6	161	0.2	0.6	55	0.2	0.3	351
11/26/2024 20:00	3.2	1.9	147	0.2	0.6	29	0.2	0.3	15
11/26/2024 19:30	5.1	4.2	37	0.2	1.2	35	0.2	0.6	350
11/26/2024 19:00	6.6	4.9	34	0.2	1.3	34	0.2	0.6	28
11/26/2024 18:30	3.9	3.3	356	0.2	0.6	22	0.2	0.3	314
11/26/2024 18:00	7.6	8.2	8	0.2	0.8	347	0.2	0.4	269
11/26/2024 17:30	2.4	5.8	1	0.2	1.8	347	0.2	0.4	288
11/26/2024 17:00	0.5	5.5	318	0.2	1.3	350	0.2	0.5	273
11/26/2024 16:30	0.5	3.8	303	0.2	1.4	319	0.2	0.5	241
11/26/2024 16:00	0.5	8.0	322	0.2	3.4	339	0.2	0.9	279
11/26/2024 15:30	0.6	6.0	332	0.2	2.2	329	0.2	0.7	279
11/26/2024 15:00	0.7	8.2	329	0.2	3.0	331	0.2	1.3	303
11/26/2024 14:30	0.7	7.9	330	0.2	2.9	319	0.2	1.4	308
11/26/2024 14:00	0.6	8.7	333	0.2	3.8	316	0.2	1.0	279
11/26/2024 13:30	0.8	6.5	331	0.2	3.4	344	0.2	2.3	343
11/26/2024 13:00	0.7	7.4	322	0.2	3.9	306	0.2	1.6	332
11/26/2024 12:30	0.7	7.5	315	0.2	4.2	308	0.2	1.9	338
11/26/2024 12:00	0.7	4.3	299	0.2	3.8	276	0.2	1.6	323
11/26/2024 11:30	0.7	5.2	267	0.8	4.7	267	0.2	1.0	310
11/26/2024 11:00	0.7	6.8	267	1.0	6.4	258	0.2	2.1	270
11/26/2024 10:30	0.7	6.0	245	1.4	6.6	257	0.2	2.4	246
11/26/2024 10:00	0.7	5.7	249	1.5	5.2	261	0.2	2.3	243
11/26/2024 9:30	0.6	4.9	225	1.8	4.6	237	0.2	2.4	242
11/26/2024 9:00	0.7	5.3	218	2.4	5.0	231	0.2	3.1	242
11/26/2024 8:30	0.7	4.8	208	2.4	3.3	225	2.3	1.4	235
11/26/2024 8:00	0.6	5.9	206	0.8	5.4	226	2.8	3.3	229
11/26/2024 7:30	0.7	6.1	205	0.2	4.2	213	2.1	2.9	219
11/26/2024 7:00	0.8	5.3	193	0.2	3.0	197	0.9	1.8	197
11/26/2024 6:30	1.0	3.2	185	0.2	2.3	155	0.8	1.0	180
11/26/2024 6:00	0.8	2.4	188	0.4	0.6	69	2.9	0.7	165
11/26/2024 5:30	0.5	3.9	197	0.2	1.1	221	2.8	1.4	200
11/26/2024 5:00	0.5	4.2	194	0.2	1.6	213	3.2	1.3	203
11/26/2024 4:30	0.6	4.2	197	1.9	1.9	207	3.6	1.8	209
11/26/2024 4:00	0.5	4.7	209	5.4	2.3	223	3.6	2.0	217
11/26/2024 3:30	0.6	4.5	210	3.9	1.4	220	3.2	1.1	196
11/26/2024 3:00	0.6	4.7	202	0.4	1.4	231	3.7	1.1	204
11/26/2024 2:30	0.8	5.6	205	0.2	3.0	220	3.6	2.3	214
11/26/2024 2:00	1.0	5.5	206	0.2	2.5	215	2.7	1.9	195
11/26/2024 1:30	1.5	5.5	208	2.9	1.4	201	AX	1.3	181
11/26/2024 1:00	2.1	5.5	213	AX	2.4	233	3.6	2.0	231
11/26/2024 0:30	AX	6.0	208	3.7	2.4	229	3.6	2.3	214

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
11/26/2024 0:00	0.4	6.0	200	0.2	1.8	216	2.9	1.3	198
11/25/2024 23:30	0.5	4.8	192	1.6	2.1	211	3.9	1.4	194
11/25/2024 23:00	0.4	4.6	194	4.0	1.3	228	2.0	0.8	191
11/25/2024 22:30	0.2	4.1	204	0.6	1.4	223	2.3	0.7	189
11/25/2024 22:00	0.6	2.4	194	0.2	1.0	195	2.3	0.6	196
11/25/2024 21:30	0.2	3.8	202	0.2	0.7	225	2.6	0.5	227
11/25/2024 21:00	0.2	4.7	204	0.2	1.8	222	2.4	1.2	213
11/25/2024 20:30	0.2	5.5	202	0.6	2.0	214	2.7	1.4	201
11/25/2024 20:00	0.2	5.2	207	0.2	2.6	228	2.9	1.7	220
11/25/2024 19:30	0.2	6.1	204	0.2	2.6	229	2.5	1.7	225
11/25/2024 19:00	0.2	6.7	201	0.2	1.4	219	1.1	0.6	183
11/25/2024 18:30	0.2	3.8	193	0.2	1.5	189	2.3	0.8	205
11/25/2024 18:00	0.5	4.9	187	0.2	2.6	193	1.6	1.6	204
11/25/2024 17:30	0.5	4.1	189	0.2	3.0	200	2.7	1.4	212
11/25/2024 17:00	0.4	6.6	193	0.2	4.6	216	1.9	3.1	215
11/25/2024 16:30	0.2	7.4	184	0.2	4.9	213	1.6	3.1	199
11/25/2024 16:00	0.4	7.8	199	0.2	5.9	224	1.5	3.6	224
11/25/2024 15:30	0.2	7.6	193	0.2	5.6	219	1.3	3.9	213
11/25/2024 15:00	0.2	7.5	195	0.2	5.2	221	0.8	3.9	204
11/25/2024 14:30	0.2	7.3	207	0.9	6.2	234	0.7	4.0	203
11/25/2024 14:00	0.2	6.8	218	0.6	4.8	236	0.6	3.2	220
11/25/2024 13:30	0.2	5.6	238	0.4	5.1	247	0.2	2.6	227
11/25/2024 13:00	0.4	5.3	238	0.7	6.0	252	0.2	2.3	239
11/25/2024 12:30	0.5	6.2	215	0.2	5.2	223	0.4	4.0	207
11/25/2024 12:00	0.5	5.7	220	0.8	5.2	234	0.2	3.1	213
11/25/2024 11:30	0.6	5.8	211	1.6	4.3	231	0.2	3.3	243
11/25/2024 11:00	0.5	4.5	218	2.3	4.5	238	0.2	2.6	240
11/25/2024 10:30	0.6	3.7	200	2.5	2.7	228	0.5	2.6	225
11/25/2024 10:00	0.6	2.9	190	0.2	2.2	214	2.6	1.5	188
11/25/2024 9:30	0.6	2.4	172	0.2	1.6	209	2.5	1.1	142
11/25/2024 9:00	0.5	1.1	134	0.2	0.3	279	1.9	0.6	49
11/25/2024 8:30	0.2	0.7	189	0.5	0.5	263	2.1	0.3	77
11/25/2024 8:00	0.4	1.3	195	2.0	0.9	262	2.8	0.3	129
11/25/2024 7:30	0.2	2.3	206	1.0	0.5	251	1.6	0.3	130
11/25/2024 7:00	0.2	1.9	199	2.2	0.8	262	1.6	0.2	71
11/25/2024 6:30	0.4	1.3	199	0.7	0.8	247	2.0	0.6	152
11/25/2024 6:00	0.6	1.4	183	0.2	0.4	304	2.4	0.3	310
11/25/2024 5:30	0.5	1.3	192	0.2	0.9	357	1.6	0.2	347
11/25/2024 5:00	0.6	1.7	185	0.2	0.5	312	0.2	0.3	326
11/25/2024 4:30	0.6	0.9	135	0.2	0.6	1	0.2	0.3	351
11/25/2024 4:00	0.5	1.0	182	0.2	0.5	12	0.2	0.4	40
11/25/2024 3:30	0.4	1.3	179	0.2	0.9	330	0.2	0.5	246
11/25/2024 3:00	0.6	1.1	182	0.2	0.6	20	0.2	0.5	29
11/25/2024 2:30	0.6	1.1	185	0.2	0.6	344	0.2	0.2	339
11/25/2024 2:00	0.9	1.3	180	0.2	0.4	332	0.2	0.2	161
11/25/2024 1:30	1.2	1.2	175	0.5	0.4	7	AX	0.3	352
11/25/2024 1:00	1.8	1.1	164	AX	0.2	341	0.4	0.2	279
11/25/2024 0:30	AX	0.6	171	1.1	0.3	288	0.6	0.2	239

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
11/25/2024 0:00	0.2	1.3	176	0.5	0.2	300	1.1	0.2	167
11/24/2024 23:30	0.2	1.0	169	0.2	0.4	245	0.6	0.2	252
11/24/2024 23:00	0.2	2.1	199	0.2	0.5	245	0.7	0.2	181
11/24/2024 22:30	0.2	1.9	194	1.0	0.6	256	0.8	0.3	82
11/24/2024 22:00	0.4	1.5	189	0.8	0.2	310	1.0	0.2	34
11/24/2024 21:30	0.4	1.6	187	0.4	0.2	9	0.9	0.2	11
11/24/2024 21:00	0.4	1.0	167	0.2	0.4	35	1.2	0.2	10
11/24/2024 20:30	0.2	1.4	199	1.2	0.3	339	2.6	0.3	325
11/24/2024 20:00	0.2	2.1	201	1.1	0.2	263	2.8	0.2	337
11/24/2024 19:30	0.2	1.3	178	0.5	0.2	78	2.8	0.2	344
11/24/2024 19:00	0.2	1.8	204	1.4	0.4	294	4.1	0.3	304
11/24/2024 18:30	0.2	2.5	200	1.2	0.3	297	4.1	0.2	281
11/24/2024 18:00	0.2	2.3	210	1.1	0.3	113	5.1	0.2	235
11/24/2024 17:30	0.4	2.4	213	0.5	0.5	276	3.7	0.9	216
11/24/2024 17:00	0.2	3.3	189	0.2	1.9	208	1.6	0.6	241
11/24/2024 16:30	0.2	4.4	192	0.2	2.7	218	0.8	1.0	218
11/24/2024 16:00	0.2	5.6	185	0.2	3.4	221	0.2	2.8	190
11/24/2024 15:30	0.2	4.8	172	0.2	3.9	231	0.2	2.0	193
11/24/2024 15:00	0.2	5.5	177	0.2	3.0	218	0.2	1.9	184
11/24/2024 14:30	0.2	4.0	193	0.2	3.0	206	0.2	2.1	171
11/24/2024 14:00	0.2	4.1	229	0.2	3.2	212	0.5	1.7	208
11/24/2024 13:30	0.4	3.0	217	0.2	2.4	206	0.2	2.1	192
11/24/2024 13:00	0.5	2.4	181	0.2	2.7	232	0.4	2.2	213
11/24/2024 12:30	0.6	2.8	203	0.2	3.5	224	0.2	2.4	188
11/24/2024 12:00	0.7	4.5	198	0.2	4.5	239	0.2	3.1	203
11/24/2024 11:30	0.9	5.4	171	0.2	3.7	214	0.2	2.9	194
11/24/2024 11:00	1.1	3.8	175	0.7	3.0	204	1.1	2.6	181
11/24/2024 10:30	1.7	1.7	189	1.9	2.2	258	2.1	2.3	194
11/24/2024 10:00	3.4	1.8	159	0.9	1.2	156	0.4	0.9	123
11/24/2024 9:30	5.7	0.9	16	0.2	1.0	335	0.2	0.6	312
11/24/2024 9:00	7.4	1.7	32	0.2	1.2	351	0.2	1.0	0
11/24/2024 8:30	4.5	1.4	48	0.2	0.4	3	0.2	0.6	329
11/24/2024 8:00	2.8	2.8	53	0.2	0.7	44	0.2	1.2	353
11/24/2024 7:30	6.9	1.7	334	0.2	1.2	11	0.2	0.6	3
11/24/2024 7:00	5.8	1.2	71	0.2	0.5	21	0.2	0.2	131
11/24/2024 6:30	8.2	1.2	326	0.2	0.8	19	0.2	0.3	336
11/24/2024 6:00	10.6	1.1	311	0.2	0.5	34	0.2	0.4	6
11/24/2024 5:30	5.8	1.3	326	0.2	0.6	21	0.2	0.5	1
11/24/2024 5:00	2.5	0.6	349	0.2	1.0	38	0.2	0.4	16
11/24/2024 4:30	2.4	0.8	235	0.2	0.8	0	0.2	0.2	95
11/24/2024 4:00	4.2	0.6	164	0.5	0.3	23	0.5	0.3	84
11/24/2024 3:30	2.7	0.6	251	0.2	1.1	38	0.4	0.6	22
11/24/2024 3:00	3.4	0.8	211	0.4	0.6	9	0.7	0.2	54
11/24/2024 2:30	3.8	0.6	224	0.8	0.8	3	2.1	0.3	44
11/24/2024 2:00	2.9	0.9	143	2.2	0.6	48	BF	0.4	64
11/24/2024 1:30	4.3	1.1	248	BF	1.0	23	BF	0.7	354
11/24/2024 1:00	BF	2.0	180	BF	0.3	124	0.2	0.5	186
11/24/2024 0:30	BF	2.5	53	0.2	0.5	29	0.2	0.5	99

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
11/24/2024 0:00	1.7	1.2	69	0.2	0.8	24	0.2	0.5	359
11/23/2024 23:30	1.5	0.7	193	0.2	0.9	356	0.2	0.4	4
11/23/2024 23:00	2.4	1.4	65	0.2	0.7	26	0.2	0.5	73
11/23/2024 22:30	0.5	0.6	207	0.2	0.9	22	0.2	0.5	18
11/23/2024 22:00	0.5	0.9	199	0.2	0.9	49	0.2	0.6	21
11/23/2024 21:30	0.8	1.5	163	0.2	0.6	3	0.2	0.3	256
11/23/2024 21:00	0.7	0.8	154	0.2	0.8	36	0.2	0.5	1
11/23/2024 20:30	0.6	1.9	215	0.2	1.0	43	0.2	0.6	331
11/23/2024 20:00	0.6	1.9	195	0.2	0.5	321	0.2	0.5	217
11/23/2024 19:30	1.0	2.6	182	0.2	0.4	65	0.2	0.4	129
11/23/2024 19:00	0.5	2.1	137	0.2	1.0	40	0.2	0.7	293
11/23/2024 18:30	0.2	2.7	218	0.2	0.2	52	0.2	0.3	219
11/23/2024 18:00	0.2	2.5	218	0.2	0.6	16	0.2	0.3	330
11/23/2024 17:30	0.2	2.3	206	0.2	0.8	72	0.2	0.4	249
11/23/2024 17:00	0.2	1.3	94	0.2	1.2	293	0.2	1.1	218
11/23/2024 16:30	0.2	3.4	263	0.2	3.1	298	0.2	0.5	251
11/23/2024 16:00	0.2	4.3	292	0.2	3.9	279	0.2	0.9	305
11/23/2024 15:30	0.5	4.4	313	0.2	3.5	309	0.2	1.6	320
11/23/2024 15:00	0.2	5.3	308	0.2	4.8	291	0.2	1.7	335
11/23/2024 14:30	0.2	6.4	289	0.2	4.1	285	0.2	1.6	333
11/23/2024 14:00	0.5	6.8	295	0.2	5.8	305	0.2	2.0	297
11/23/2024 13:30	0.5	5.9	284	0.2	5.2	307	0.2	2.3	336
11/23/2024 13:00	0.6	6.1	282	0.2	4.8	296	0.2	1.9	346
11/23/2024 12:30	0.5	4.2	262	0.2	3.9	325	0.2	1.8	317
11/23/2024 12:00	0.5	3.0	186	0.2	2.7	267	0.2	1.6	329
11/23/2024 11:30	0.4	3.9	262	0.2	4.1	292	0.2	1.7	344
11/23/2024 11:00	0.5	5.6	292	0.2	4.0	290	0.2	1.3	317
11/23/2024 10:30	0.5	6.2	290	0.2	4.8	293	0.2	1.4	323
11/23/2024 10:00	0.4	5.5	275	0.2	4.5	283	0.2	0.9	313
11/23/2024 9:30	0.4	4.5	241	0.9	3.4	253	0.2	1.3	244
11/23/2024 9:00	0.5	3.4	175	0.2	2.0	201	1.1	1.9	187
11/23/2024 8:30	0.5	2.4	192	0.2	2.2	205	3.5	1.5	186
11/23/2024 8:00	0.5	3.0	199	0.2	1.3	192	5.5	1.2	182
11/23/2024 7:30	0.5	2.2	183	1.0	1.7	196	3.3	0.6	195
11/23/2024 7:00	0.4	3.4	204	0.7	1.7	206	4.1	0.6	274
11/23/2024 6:30	0.5	2.6	194	3.0	2.2	207	1.7	0.6	78
11/23/2024 6:00	0.5	3.9	214	1.4	3.4	212	0.8	1.5	241
11/23/2024 5:30	0.5	2.3	188	0.2	3.2	205	1.8	2.3	223
11/23/2024 5:00	0.5	2.8	199	0.8	3.4	213	0.6	3.3	230
11/23/2024 4:30	0.6	2.5	184	0.2	2.8	207	0.2	2.6	231
11/23/2024 4:00	0.6	3.3	189	1.7	2.6	224	0.2	2.0	232
11/23/2024 3:30	0.6	4.2	224	0.7	4.0	233	0.2	1.2	267
11/23/2024 3:00	0.7	3.6	212	1.3	4.6	228	0.2	2.3	257
11/23/2024 2:30	0.8	4.3	222	1.3	3.8	230	0.2	1.9	252
11/23/2024 2:00	0.9	3.3	219	1.7	2.8	221	0.4	1.5	260
11/23/2024 1:30	1.3	3.1	205	2.4	3.5	224	AX	1.5	253
11/23/2024 1:00	1.4	3.4	218	AX	3.5	232	0.2	1.2	272
11/23/2024 0:30	AX	3.7	214	2.2	4.7	235	0.2	2.2	250



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
11/23/2024 0:00	0.4	4.7	231	2.5	4.6	269	0.2	1.7	247
11/22/2024 23:30	0.5	5.3	233	2.4	5.2	260	0.2	1.8	250
11/22/2024 23:00	0.5	5.3	242	0.8	4.6	274	0.2	1.4	255
11/22/2024 22:30	0.5	5.1	261	0.2	4.6	276	0.2	0.9	248
11/22/2024 22:00	0.5	4.7	274	0.2	3.9	277	0.2	0.8	241
11/22/2024 21:30	0.5	3.8	273	0.2	2.6	276	0.2	1.0	228
11/22/2024 21:00	0.7	5.2	295	0.2	2.5	280	0.2	0.8	240
11/22/2024 20:30	0.6	4.7	290	0.2	3.0	288	0.2	0.9	245
11/22/2024 20:00	0.8	6.2	305	0.2	4.2	289	0.2	1.1	275
11/22/2024 19:30	0.7	4.8	298	0.2	3.1	289	0.2	0.6	234
11/22/2024 19:00	0.6	4.8	293	0.2	3.5	291	0.2	0.8	235
11/22/2024 18:30	0.5	5.8	289	0.2	2.0	304	0.2	0.5	226
11/22/2024 18:00	0.5	5.0	283	0.2	2.8	293	0.2	0.5	235
11/22/2024 17:30	0.6	4.6	283	0.2	3.6	291	0.2	0.6	253
11/22/2024 17:00	0.5	7.9	312	0.2	4.4	295	0.2	0.8	264
11/22/2024 16:30	0.5	11.6	307	0.2	6.4	291	0.2	1.1	290
11/22/2024 16:00	0.5	12.2	303	0.2	6.3	297	0.2	1.6	298
11/22/2024 15:30	0.6	10.8	315	0.2	6.3	298	0.2	2.3	316
11/22/2024 15:00	0.6	12.4	316	0.2	6.4	306	0.2	2.0	328
11/22/2024 14:30	0.6	10.2	328	0.2	6.2	332	0.2	3.9	346
11/22/2024 14:00	0.7	14.0	333	0.2	6.9	297	0.2	2.2	319
11/22/2024 13:30	0.6	13.4	322	0.2	7.4	283	0.2	2.6	320
11/22/2024 13:00	0.6	14.2	309	0.2	8.4	287	0.2	2.8	312
11/22/2024 12:30	0.6	12.7	313	0.2	7.4	316	0.2	3.3	329
11/22/2024 12:00	0.6	13.5	310	0.2	7.0	303	0.2	2.3	334
11/22/2024 11:30	0.6	11.8	317	0.2	8.6	304	0.2	3.0	314
11/22/2024 11:00	0.6	12.3	303	0.2	9.1	305	0.2	2.6	317
11/22/2024 10:30	0.7	10.2	296	0.2	8.4	279	0.2	2.0	294
11/22/2024 10:00	0.7	8.6	278	0.7	8.0	282	0.2	2.0	284
11/22/2024 9:30	0.6	7.9	252	1.6	6.7	259	0.2	2.5	259
11/22/2024 9:00	0.6	6.4	242	3.5	5.8	259	0.2	2.8	241
11/22/2024 8:30	0.7	3.4	204	1.0	3.1	214	0.2	2.8	240
11/22/2024 8:00	0.6	3.1	186	0.8	2.1	200	0.2	1.9	238
11/22/2024 7:30	0.6	2.5	213	0.4	3.3	207	1.7	1.4	246
11/22/2024 7:00	0.6	3.4	199	4.5	3.2	215	3.5	0.8	233
11/22/2024 6:30	0.6	4.8	199	1.0	1.6	211	1.3	1.1	200
11/22/2024 6:00	0.6	3.0	200	0.2	0.8	345	0.2	0.4	275
11/22/2024 5:30	0.6	2.5	187	0.2	0.7	309	0.2	0.5	276
11/22/2024 5:00	0.6	2.8	190	0.5	0.4	39	0.2	0.5	233
11/22/2024 4:30	0.6	2.8	198	0.2	0.9	3	0.2	0.8	305
11/22/2024 4:00	0.7	4.0	272	0.2	0.7	345	0.2	0.7	242
11/22/2024 3:30	0.9	5.5	309	0.2	1.1	270	0.2	0.7	212
11/22/2024 3:00	1.4	6.0	318	0.2	1.3	278	0.2	0.9	229
11/22/2024 2:30	1.4	6.6	314	0.2	2.4	349	0.2	0.5	39
11/22/2024 2:00	1.9	7.0	314	0.2	3.2	314	0.5	0.6	221
11/22/2024 1:30	1.5	4.9	293	0.6	2.9	302	AX	0.4	181
11/22/2024 1:00	1.5	3.5	240	AX	0.9	260	0.2	0.7	260
11/22/2024 0:30	AX	2.8	207	1.4	1.5	230	0.2	1.4	247

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