



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 06, 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
11/29/2024 00:00	12/05/2024 23:59	1.6	0.4	0.4

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

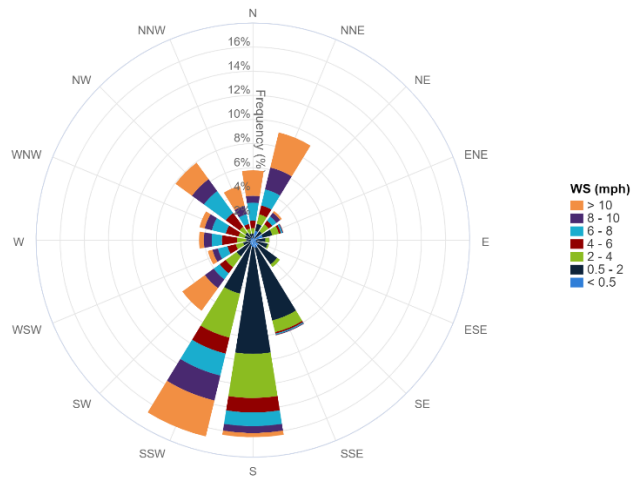
Attachments:

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 11/29/2024 00:00 to 12/05/2024 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 00:00 – 24:00	Station 1	Station 2	Station 3
11/23/2024 00:00	11/29/2024 23:59	2.0	0.5	0.8	11/29/2024	4.3	0.2	0.2
11/24/2024 00:00	11/30/2024 23:59	2.0	0.5	0.7	11/30/2024	0.7	0.7	0.4
11/25/2024 00:00	12/01/2024 23:59	1.9	0.6	0.7	12/01/2024	0.8	0.5	0.8
11/26/2024 00:00	12/02/2024 23:59	2.2	0.5	0.5	12/02/2024	2.7	0.2	0.2
11/27/2024 00:00	12/03/2024 23:59	2.1	0.4	0.4	12/03/2024	1.2	0.2	0.2
11/28/2024 00:00	12/04/2024 23:59	1.8	0.4	0.4	12/04/2024	0.6	0.2	0.6
11/29/2024 00:00	12/05/2024 23:59	1.6	0.4	0.4	12/05/2024	0.8	0.3	0.5

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
12/6/2024 0:00	0.9	13.2	15	0.2	3.9	30	0.2	4.4	15
12/5/2024 23:30	0.8	15.4	16	0.2	4.0	26	0.2	5.3	11
12/5/2024 23:00	0.7	16.4	16	0.2	4.3	30	0.2	4.8	15
12/5/2024 22:30	0.9	16.6	15	0.2	4.3	29	0.2	5.1	11
12/5/2024 22:00	1.1	18.4	15	0.2	6.5	23	0.2	7.4	7
12/5/2024 21:30	1.4	13.8	12	0.2	5.2	27	0.2	5.7	14
12/5/2024 21:00	0.8	15.3	6	0.2	5.0	5	0.2	5.4	3
12/5/2024 20:30	0.9	17.7	7	0.2	5.3	5	0.2	6.5	359
12/5/2024 20:00	1.1	12.1	8	0.2	5.3	7	0.2	5.6	2
12/5/2024 19:30	1.0	9.5	351	0.2	4.4	352	0.2	3.9	346
12/5/2024 19:00	0.9	11.3	348	0.2	4.6	347	0.2	4.3	351
12/5/2024 18:30	2.6	11.4	357	0.2	4.2	356	0.2	4.3	352
12/5/2024 18:00	3.2	11.3	356	0.2	4.6	352	0.2	5.4	352
12/5/2024 17:30	0.6	8.8	328	0.2	4.2	335	0.2	4.3	342
12/5/2024 17:00	0.2	12.7	320	0.2	5.7	302	0.2	1.4	283
12/5/2024 16:30	0.2	14.8	329	0.2	6.8	324	0.2	3.4	331
12/5/2024 16:00	0.2	12.1	322	0.2	7.1	329	0.2	3.4	334
12/5/2024 15:30	0.5	12.3	329	0.2	6.3	329	0.2	4.3	345
12/5/2024 15:00	0.6	12.3	328	0.2	6.4	318	0.2	2.3	331
12/5/2024 14:30	0.6	11.3	323	0.2	5.8	330	0.2	3.4	341
12/5/2024 14:00	0.6	7.6	288	0.2	7.6	265	0.2	2.2	290
12/5/2024 13:30	0.5	7.4	306	0.2	6.4	286	0.2	2.1	261
12/5/2024 13:00	0.6	8.2	298	0.2	7.7	277	0.2	2.5	264
12/5/2024 12:30	0.6	9.4	271	0.2	8.8	262	0.2	3.2	265
12/5/2024 12:00	0.6	6.2	309	0.2	9.4	271	0.2	3.1	265
12/5/2024 11:30	0.7	7.9	269	0.6	8.7	256	0.2	4.3	259
12/5/2024 11:00	0.6	8.8	260	0.9	9.5	255	0.2	4.0	252
12/5/2024 10:30	0.7	9.3	245	0.8	10.6	247	0.2	4.3	241
12/5/2024 10:00	0.6	9.8	235	0.9	8.6	250	0.2	4.4	247
12/5/2024 9:30	0.7	10.8	237	0.8	9.9	245	0.2	5.0	244
12/5/2024 9:00	0.7	10.9	230	0.8	11.3	244	0.2	5.1	239
12/5/2024 8:30	0.6	10.8	224	0.7	9.4	240	0.2	4.8	243
12/5/2024 8:00	0.6	10.2	221	0.5	8.4	240	0.2	4.1	243
12/5/2024 7:30	0.6	12.0	218	0.5	9.5	237	0.5	4.6	241
12/5/2024 7:00	0.6	12.5	217	0.6	9.8	235	0.9	4.6	234
12/5/2024 6:30	0.6	12.3	214	0.5	10.1	232	0.8	5.9	230
12/5/2024 6:00	0.7	13.1	211	0.4	11.3	231	1.0	6.5	233
12/5/2024 5:30	0.6	12.9	212	0.2	9.9	232	1.1	6.3	227
12/5/2024 5:00	0.6	13.3	216	0.4	10.3	233	0.7	6.1	229
12/5/2024 4:30	0.6	15.5	213	0.4	11.1	232	0.9	6.6	231
12/5/2024 4:00	0.5	11.1	209	0.2	9.9	230	1.5	6.2	227
12/5/2024 3:30	0.5	12.3	208	0.2	9.8	222	1.7	6.2	220
12/5/2024 3:00	0.5	12.4	209	0.2	10.1	224	1.8	6.6	223
12/5/2024 2:30	0.6	12.9	210	0.4	10.1	230	1.3	6.2	229
12/5/2024 2:00	0.8	12.8	210	0.2	10.4	228	1.9	6.7	229
12/5/2024 1:30	1.3	10.9	206	0.5	9.2	225	AX	5.8	226
12/5/2024 1:00	2.6	11.6	204	AX	9.7	221	1.8	5.9	223
12/5/2024 0:30	AX	12.6	202	0.2	8.6	221	1.6	5.2	218

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
12/5/2024 0:00	0.2	10.1	198	0.2	5.7	211	1.3	4.2	207
12/4/2024 23:30	0.2	8.0	194	0.2	4.7	209	1.2	3.0	201
12/4/2024 23:00	0.2	7.5	197	0.2	5.0	214	1.5	3.5	209
12/4/2024 22:30	0.4	8.3	197	0.2	5.9	215	1.2	4.0	214
12/4/2024 22:00	0.2	7.4	195	0.2	5.3	216	1.4	3.9	213
12/4/2024 21:30	0.2	6.6	192	0.2	5.1	214	1.5	3.0	207
12/4/2024 21:00	0.2	5.3	187	0.2	4.6	210	1.2	3.0	211
12/4/2024 20:30	0.2	5.3	184	0.2	3.6	206	1.0	2.4	200
12/4/2024 20:00	0.2	3.8	201	0.2	3.3	213	1.7	2.1	222
12/4/2024 19:30	0.2	6.9	198	0.2	4.7	218	1.5	3.3	223
12/4/2024 19:00	0.2	6.6	197	0.2	4.2	215	1.5	2.6	223
12/4/2024 18:30	0.2	6.4	190	0.2	4.1	214	1.2	2.9	211
12/4/2024 18:00	0.2	7.9	198	0.2	5.8	217	1.1	3.8	217
12/4/2024 17:30	0.2	9.3	198	0.2	6.5	219	0.8	4.5	213
12/4/2024 17:00	0.2	8.9	199	0.2	5.9	222	1.0	4.2	213
12/4/2024 16:30	0.2	7.4	198	0.2	6.7	217	1.1	4.0	212
12/4/2024 16:00	0.2	9.2	195	0.2	7.3	223	0.8	5.0	214
12/4/2024 15:30	0.2	9.4	205	0.2	8.4	227	0.8	4.9	214
12/4/2024 15:00	0.2	9.8	203	0.2	8.6	223	0.9	5.5	214
12/4/2024 14:30	0.2	8.2	206	0.2	6.5	214	0.5	5.6	220
12/4/2024 14:00	0.2	8.3	199	0.2	6.5	219	0.4	4.8	203
12/4/2024 13:30	0.2	7.9	187	0.2	7.0	211	0.2	5.1	203
12/4/2024 13:00	0.2	8.2	201	0.2	6.7	236	0.2	4.6	204
12/4/2024 12:30	0.2	8.0	206	0.2	6.2	221	0.2	4.7	218
12/4/2024 12:00	0.2	8.4	208	0.2	6.9	227	0.2	4.3	207
12/4/2024 11:30	0.2	7.8	198	0.2	6.7	224	0.4	3.8	190
12/4/2024 11:00	0.2	8.4	193	0.2	6.4	227	0.4	4.3	207
12/4/2024 10:30	0.2	6.3	187	0.2	5.5	217	0.2	4.2	198
12/4/2024 10:00	0.7	4.9	172	0.2	3.8	201	0.2	3.3	188
12/4/2024 9:30	0.6	4.0	177	0.2	2.9	217	0.2	2.4	184
12/4/2024 9:00	0.6	2.2	179	0.2	2.0	228	0.2	1.2	175
12/4/2024 8:30	0.6	1.7	184	0.2	1.8	232	0.2	0.9	159
12/4/2024 8:00	0.7	1.6	174	0.2	0.7	269	0.2	0.3	235
12/4/2024 7:30	0.8	0.8	200	0.2	0.7	321	0.2	0.2	89
12/4/2024 7:00	1.0	0.9	159	0.2	0.6	5	0.2	0.4	74
12/4/2024 6:30	1.3	1.0	164	0.2	0.4	31	0.2	0.5	73
12/4/2024 6:00	1.4	2.0	178	0.2	0.4	24	0.2	0.3	354
12/4/2024 5:30	1.3	1.4	180	0.2	0.6	16	0.2	0.3	322
12/4/2024 5:00	1.3	0.7	189	0.2	0.6	30	0.2	0.2	51
12/4/2024 4:30	1.6	0.7	215	0.2	0.8	15	0.2	0.4	283
12/4/2024 4:00	1.7	0.7	123	0.2	0.8	41	0.2	0.4	38
12/4/2024 3:30	1.4	1.2	163	0.2	0.9	16	0.2	0.5	17
12/4/2024 3:00	1.3	1.2	175	0.2	0.6	28	0.2	0.3	30
12/4/2024 2:30	1.5	1.2	176	0.2	0.7	26	0.2	0.3	309
12/4/2024 2:00	1.7	0.7	154	0.2	0.9	24	0.4	0.3	340
12/4/2024 1:30	1.9	0.5	196	0.2	0.4	17	AX	0.4	348
12/4/2024 1:00	2.3	0.6	138	AX	0.7	22	0.2	0.4	335
12/4/2024 0:30	AX	1.0	143	0.2	0.9	27	0.2	0.6	12

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
12/4/2024 0:00	1.3	1.2	188	0.2	0.9	3	0.2	0.3	337
12/3/2024 23:30	1.7	1.3	167	0.2	0.7	17	0.2	0.3	313
12/3/2024 23:00	1.8	0.9	195	0.2	0.8	343	0.2	0.4	312
12/3/2024 22:30	2.6	0.7	163	0.2	0.6	323	0.2	0.2	258
12/3/2024 22:00	1.5	1.7	43	0.2	1.1	10	0.2	0.4	256
12/3/2024 21:30	1.3	1.1	82	0.2	0.9	41	0.2	0.6	46
12/3/2024 21:00	0.8	1.2	27	0.2	1.1	5	0.2	0.5	340
12/3/2024 20:30	0.9	0.2	28	0.2	0.8	347	0.2	0.4	275
12/3/2024 20:00	0.5	2.2	55	0.2	0.8	11	0.2	0.4	291
12/3/2024 19:30	0.6	0.6	64	0.2	1.1	11	0.2	0.3	315
12/3/2024 19:00	0.5	2.1	104	0.2	0.9	8	0.2	0.3	345
12/3/2024 18:30	0.2	2.2	189	0.2	0.9	18	0.2	0.4	299
12/3/2024 18:00	0.2	2.3	316	0.2	0.9	356	0.2	0.5	256
12/3/2024 17:30	1.5	5.0	353	0.2	1.5	341	0.2	0.7	297
12/3/2024 17:00	0.5	6.9	348	0.2	3.3	335	0.2	2.4	334
12/3/2024 16:30	0.4	7.4	345	0.2	3.8	319	0.2	2.0	329
12/3/2024 16:00	0.2	7.2	329	0.2	3.8	336	0.2	2.7	348
12/3/2024 15:30	0.2	7.5	337	0.2	4.7	312	0.2	2.8	338
12/3/2024 15:00	0.2	8.3	324	0.2	5.1	329	0.2	3.3	355
12/3/2024 14:30	0.2	10.6	311	0.2	5.4	338	0.2	3.5	349
12/3/2024 14:00	0.2	9.8	346	0.2	5.6	345	0.2	4.8	353
12/3/2024 13:30	0.2	10.5	344	0.2	5.4	335	0.2	4.4	347
12/3/2024 13:00	0.4	8.9	354	0.2	5.6	330	0.2	3.2	353
12/3/2024 12:30	0.4	11.7	352	0.2	6.8	334	0.2	3.5	345
12/3/2024 12:00	0.4	10.0	345	0.2	5.4	349	0.2	3.8	353
12/3/2024 11:30	0.5	12.3	3	0.2	6.0	339	0.2	4.3	350
12/3/2024 11:00	0.6	11.8	347	0.2	5.2	353	0.2	4.5	348
12/3/2024 10:30	0.5	12.2	8	0.2	5.4	11	0.2	6.3	0
12/3/2024 10:00	0.6	12.3	14	0.2	5.5	355	0.2	5.3	359
12/3/2024 9:30	0.7	10.0	13	0.2	4.0	21	0.2	4.1	12
12/3/2024 9:00	0.8	8.8	16	0.2	1.4	14	0.2	3.3	358
12/3/2024 8:30	1.9	6.4	10	0.2	1.1	14	0.2	2.9	353
12/3/2024 8:00	1.0	6.6	8	0.2	1.5	342	0.2	3.0	354
12/3/2024 7:30	1.7	6.9	7	0.2	1.1	338	0.2	2.4	357
12/3/2024 7:00	3.1	6.3	8	0.2	0.8	27	0.2	2.8	0
12/3/2024 6:30	2.4	7.1	18	0.2	1.3	59	0.2	3.1	3
12/3/2024 6:00	2.2	8.6	16	0.2	2.0	43	0.2	3.0	6
12/3/2024 5:30	1.2	10.4	20	0.2	3.5	28	0.2	3.3	14
12/3/2024 5:00	0.9	10.8	32	0.2	2.7	49	0.2	3.7	24
12/3/2024 4:30	1.7	10.7	29	0.2	2.0	53	0.2	3.5	21
12/3/2024 4:00	2.7	8.6	30	0.2	1.5	42	0.2	2.6	14
12/3/2024 3:30	2.2	8.3	29	0.2	1.5	54	0.2	2.7	23
12/3/2024 3:00	1.1	8.2	37	0.2	1.4	61	0.2	2.6	35
12/3/2024 2:30	1.8	8.6	33	0.2	1.8	63	0.2	2.6	27
12/3/2024 2:00	2.5	7.8	30	0.2	1.0	60	0.2	2.2	12
12/3/2024 1:30	3.5	8.7	23	0.2	2.0	47	AX	2.5	12
12/3/2024 1:00	2.7	8.2	32	AX	2.4	40	0.2	2.1	19
12/3/2024 0:30	AX	9.0	50	0.2	2.1	63	0.2	3.9	42

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
12/3/2024 0:00	0.5	5.8	60	0.2	1.6	59	0.2	3.5	54
12/2/2024 23:30	4.7	6.4	29	0.2	1.1	75	0.2	2.1	20
12/2/2024 23:00	5.1	5.4	33	0.2	1.0	339	0.2	1.6	9
12/2/2024 22:30	3.8	3.3	35	0.2	0.9	328	0.2	0.5	228
12/2/2024 22:00	5.6	2.1	55	0.2	0.6	19	0.2	0.4	186
12/2/2024 21:30	2.4	2.0	33	0.2	1.0	19	0.2	0.7	344
12/2/2024 21:00	0.4	3.3	89	0.2	1.3	45	0.2	0.8	62
12/2/2024 20:30	0.2	0.9	193	0.2	0.9	6	0.2	0.6	305
12/2/2024 20:00	0.2	1.5	173	0.2	0.5	25	0.2	0.4	127
12/2/2024 19:30	0.2	1.6	178	0.2	0.5	14	0.2	0.4	296
12/2/2024 19:00	0.2	1.1	166	0.2	1.0	343	0.2	0.7	358
12/2/2024 18:30	0.2	1.6	175	0.2	0.6	18	0.2	0.3	94
12/2/2024 18:00	0.2	2.4	191	0.2	0.5	319	0.2	0.3	287
12/2/2024 17:30	0.2	1.3	191	0.2	0.7	315	0.2	0.5	233
12/2/2024 17:00	0.2	4.0	253	0.2	3.7	289	0.2	0.7	265
12/2/2024 16:30	0.2	5.1	254	0.2	4.6	282	0.2	1.6	245
12/2/2024 16:00	0.2	5.9	271	0.5	4.2	273	0.2	1.3	319
12/2/2024 15:30	0.2	4.3	274	0.2	4.2	245	0.2	1.6	279
12/2/2024 15:00	0.2	4.4	316	0.2	3.9	296	0.2	2.3	336
12/2/2024 14:30	0.2	6.8	261	0.2	5.0	263	0.2	1.5	322
12/2/2024 14:00	0.2	7.1	253	0.2	4.5	314	0.2	1.8	342
12/2/2024 13:30	0.2	6.8	291	0.2	5.2	305	0.2	2.3	318
12/2/2024 13:00	0.2	5.5	269	0.2	5.1	300	0.2	2.1	337
12/2/2024 12:30	0.2	4.8	266	0.2	4.8	314	0.2	1.9	309
12/2/2024 12:00	0.2	4.6	325	0.2	3.5	312	0.2	2.4	340
12/2/2024 11:30	0.5	3.6	285	0.2	4.0	309	0.2	2.0	348
12/2/2024 11:00	0.8	4.6	326	0.2	3.0	323	0.2	1.8	32
12/2/2024 10:30	1.7	2.7	100	0.2	1.6	80	0.2	1.6	36
12/2/2024 10:00	7.1	2.1	126	0.2	1.2	36	0.2	0.9	14
12/2/2024 9:30	17.6	1.3	69	0.2	0.6	39	0.2	0.7	354
12/2/2024 9:00	18.6	1.3	34	0.2	0.5	26	0.2	0.9	40
12/2/2024 8:30	2.4	1.0	290	0.2	0.6	23	0.2	0.9	22
12/2/2024 8:00	1.4	1.3	184	0.2	1.1	40	0.2	0.9	28
12/2/2024 7:30	1.9	1.0	190	0.2	1.0	16	0.2	0.5	351
12/2/2024 7:00	2.1	1.4	193	0.2	1.0	2	0.2	0.4	337
12/2/2024 6:30	2.4	0.9	196	0.2	0.5	19	0.2	0.5	10
12/2/2024 6:00	3.4	1.0	184	0.2	0.4	30	0.2	0.2	31
12/2/2024 5:30	4.5	0.4	175	0.2	0.7	12	0.2	0.5	360
12/2/2024 5:00	9.0	0.5	97	0.2	0.9	19	0.2	0.3	6
12/2/2024 4:30	8.7	0.5	26	0.2	0.5	32	0.2	0.4	12
12/2/2024 4:00	2.2	0.5	192	0.2	0.9	15	0.2	0.4	2
12/2/2024 3:30	2.3	1.2	170	0.2	0.6	14	0.2	0.2	351
12/2/2024 3:00	2.6	1.1	184	0.2	0.5	24	0.2	0.3	291
12/2/2024 2:30	2.6	0.9	184	0.2	0.8	350	0.2	0.2	325
12/2/2024 2:00	3.0	1.5	157	0.2	0.5	4	0.2	0.2	348
12/2/2024 1:30	3.8	1.0	103	0.6	0.6	9	AX	0.4	21
12/2/2024 1:00	3.8	0.8	154	AX	0.6	29	0.2	0.3	350
12/2/2024 0:30	AX	0.9	139	0.2	0.6	22	0.2	0.5	326

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
12/2/2024 0:00	4.0	1.5	134	0.2	0.6	42	0.2	0.5	10
12/1/2024 23:30	3.3	1.7	83	0.4	1.4	32	0.2	0.5	349
12/1/2024 23:00	1.4	1.7	204	0.7	1.6	31	0.4	0.6	301
12/1/2024 22:30	2.2	1.9	199	0.8	0.9	350	0.4	0.3	283
12/1/2024 22:00	2.2	1.9	177	1.0	0.7	322	0.4	0.4	354
12/1/2024 21:30	1.1	2.0	173	0.6	1.6	22	0.4	1.2	296
12/1/2024 21:00	0.2	1.0	185	0.2	0.7	12	0.9	0.3	320
12/1/2024 20:30	0.2	1.3	182	1.0	0.4	321	2.0	0.2	301
12/1/2024 20:00	0.2	1.9	198	0.2	0.3	31	0.6	0.3	274
12/1/2024 19:30	0.2	2.3	204	0.2	0.4	335	0.2	0.4	110
12/1/2024 19:00	0.2	2.4	204	0.2	0.3	57	0.2	0.2	322
12/1/2024 18:30	0.2	2.5	203	0.2	0.3	33	0.2	0.3	45
12/1/2024 18:00	0.2	2.2	204	0.2	0.7	92	0.2	0.3	173
12/1/2024 17:30	0.2	2.2	236	0.2	1.6	308	0.2	0.5	225
12/1/2024 17:00	0.2	4.0	264	0.2	4.4	281	0.2	0.3	242
12/1/2024 16:30	0.2	5.1	268	0.2	5.0	287	0.2	0.8	302
12/1/2024 16:00	0.2	5.5	294	0.2	5.9	265	0.2	1.6	287
12/1/2024 15:30	0.2	7.1	266	0.4	6.1	275	0.2	1.6	280
12/1/2024 15:00	0.4	7.3	248	0.7	7.6	248	0.2	3.2	240
12/1/2024 14:30	0.2	8.6	222	0.5	6.7	237	0.2	3.0	261
12/1/2024 14:00	0.2	7.6	227	0.7	6.6	240	0.2	3.1	234
12/1/2024 13:30	0.4	6.3	256	0.8	6.7	243	0.2	2.3	260
12/1/2024 13:00	0.2	6.6	231	1.0	6.2	244	0.2	3.3	241
12/1/2024 12:30	0.2	4.5	213	0.7	5.1	236	0.2	1.8	229
12/1/2024 12:00	0.2	4.2	223	0.2	4.5	217	1.1	2.5	200
12/1/2024 11:30	0.2	3.5	198	0.2	3.3	217	1.9	2.1	185
12/1/2024 11:00	0.2	3.7	189	0.2	3.9	215	2.0	2.1	188
12/1/2024 10:30	0.5	4.1	191	0.2	3.5	214	3.4	2.0	175
12/1/2024 10:00	0.2	3.1	189	0.6	1.6	229	2.8	1.1	157
12/1/2024 9:30	0.5	1.3	181	2.6	0.7	240	2.4	0.5	104
12/1/2024 9:00	0.7	1.0	143	1.2	0.8	22	1.3	0.7	118
12/1/2024 8:30	0.6	1.3	188	0.7	0.9	345	0.7	0.8	352
12/1/2024 8:00	1.0	1.1	179	0.5	0.6	7	0.6	0.4	148
12/1/2024 7:30	1.4	1.1	48	0.2	1.6	30	0.7	0.8	79
12/1/2024 7:00	0.8	1.3	166	0.6	0.9	41	0.6	0.6	40
12/1/2024 6:30	0.6	1.3	163	0.6	0.9	46	0.7	0.7	26
12/1/2024 6:00	0.7	1.4	177	0.2	1.0	23	0.8	0.6	320
12/1/2024 5:30	0.8	0.9	186	0.2	0.8	356	0.2	0.3	316
12/1/2024 5:00	0.8	1.1	176	0.2	0.6	323	0.2	0.3	324
12/1/2024 4:30	0.8	1.5	165	0.2	0.9	341	0.2	0.2	350
12/1/2024 4:00	1.0	1.5	157	0.2	0.6	27	0.2	0.4	110
12/1/2024 3:30	1.1	1.3	155	0.5	0.5	29	0.7	0.2	74
12/1/2024 3:00	1.2	0.8	151	0.7	0.5	25	1.6	0.5	10
12/1/2024 2:30	1.5	0.9	162	0.9	0.8	39	2.0	0.4	291
12/1/2024 2:00	2.0	1.4	179	1.8	0.8	202	BF	0.2	282
12/1/2024 1:30	3.9	1.5	173	BF	0.5	330	BF	0.3	70
12/1/2024 1:00	BF	1.5	165	BF	0.5	22	0.7	0.2	42
12/1/2024 0:30	BF	1.5	158	0.7	0.4	41	1.2	0.2	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
12/1/2024 0:00	2.4	1.2	185	0.6	0.9	356	0.9	0.3	288
11/30/2024 23:30	1.8	1.6	180	0.8	0.4	352	1.0	0.3	250
11/30/2024 23:00	1.6	2.2	184	0.7	0.7	348	0.9	0.3	243
11/30/2024 22:30	3.5	1.8	67	0.4	1.0	61	0.4	0.5	212
11/30/2024 22:00	0.5	1.9	191	0.2	1.2	15	0.4	0.6	315
11/30/2024 21:30	0.4	1.9	186	0.2	0.9	347	0.2	0.7	262
11/30/2024 21:00	0.5	1.2	173	0.2	0.9	11	0.2	0.4	304
11/30/2024 20:30	0.4	1.5	182	0.2	0.8	5	0.2	0.4	303
11/30/2024 20:00	0.4	1.5	177	0.4	0.6	13	0.2	0.3	300
11/30/2024 19:30	0.2	1.8	191	0.4	0.5	322	0.2	0.3	260
11/30/2024 19:00	0.2	1.6	174	0.2	0.4	14	0.4	0.2	253
11/30/2024 18:30	0.2	2.0	191	0.4	0.6	326	0.5	0.2	251
11/30/2024 18:00	0.2	2.6	209	0.2	0.4	48	0.2	0.3	251
11/30/2024 17:30	0.2	2.6	196	0.2	0.5	256	0.2	0.9	212
11/30/2024 17:00	0.2	2.3	221	0.2	1.6	278	0.2	1.1	200
11/30/2024 16:30	0.2	3.3	284	0.2	3.7	289	0.2	0.6	277
11/30/2024 16:00	0.2	4.2	274	0.2	3.8	271	0.2	1.1	317
11/30/2024 15:30	0.2	3.7	281	0.2	2.7	293	0.2	1.5	319
11/30/2024 15:00	0.2	4.3	312	0.2	4.3	270	0.2	1.5	295
11/30/2024 14:30	0.2	4.8	286	0.2	4.3	310	0.2	1.6	330
11/30/2024 14:00	0.2	5.9	283	0.2	4.9	280	0.2	2.7	289
11/30/2024 13:30	0.2	6.6	305	0.5	5.9	253	0.2	2.5	267
11/30/2024 13:00	0.2	6.0	229	0.2	5.5	280	0.2	2.4	225
11/30/2024 12:30	0.2	3.6	225	0.2	4.1	223	0.2	3.0	191
11/30/2024 12:00	0.2	3.7	206	0.2	3.6	224	0.2	3.1	177
11/30/2024 11:30	0.2	3.0	201	0.2	4.0	230	0.2	3.1	179
11/30/2024 11:00	0.2	3.7	184	0.5	2.9	212	0.2	2.2	197
11/30/2024 10:30	0.2	2.2	270	0.7	1.9	204	0.2	2.2	18
11/30/2024 10:00	0.2	3.9	279	1.5	0.9	77	0.2	1.7	28
11/30/2024 9:30	0.4	2.3	197	4.8	0.7	111	0.9	1.1	62
11/30/2024 9:00	0.4	2.2	180	2.5	0.3	301	1.4	0.7	76
11/30/2024 8:30	0.4	2.2	175	0.2	0.3	10	2.0	0.3	96
11/30/2024 8:00	0.6	3.0	181	5.5	0.6	33	1.2	0.3	307
11/30/2024 7:30	0.4	1.5	175	2.1	0.4	316	0.7	0.5	354
11/30/2024 7:00	0.4	2.3	197	0.9	0.3	304	0.2	0.4	329
11/30/2024 6:30	0.6	1.9	178	0.6	0.3	38	0.2	0.2	5
11/30/2024 6:00	0.5	1.3	157	0.6	0.8	38	0.2	0.5	340
11/30/2024 5:30	0.6	1.2	188	0.5	0.8	327	0.2	0.4	320
11/30/2024 5:00	0.5	1.4	186	0.7	0.3	344	0.2	0.2	295
11/30/2024 4:30	0.7	1.7	171	0.7	0.4	29	0.2	0.3	358
11/30/2024 4:00	0.6	2.1	177	0.7	0.3	25	0.2	0.5	286
11/30/2024 3:30	0.8	1.5	170	0.6	0.9	33	0.2	0.3	65
11/30/2024 3:00	1.0	1.7	170	1.2	0.6	30	0.2	0.3	347
11/30/2024 2:30	1.1	1.8	178	1.3	0.9	351	0.2	0.3	288
11/30/2024 2:00	1.4	3.2	194	0.2	0.4	347	0.2	0.6	249
11/30/2024 1:30	2.0	2.1	200	0.4	0.7	14	AX	0.4	321
11/30/2024 1:00	2.7	1.4	175	AX	0.8	23	0.2	0.5	335
11/30/2024 0:30	AX	1.3	180	0.2	0.7	34	0.2	0.3	332

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
11/30/2024 0:00	0.9	5.0	325	0.2	0.6	6	0.2	0.3	322
11/29/2024 23:30	0.9	7.1	329	0.2	1.8	322	0.2	0.5	256
11/29/2024 23:00	0.6	6.2	319	0.2	1.1	6	0.2	0.4	282
11/29/2024 22:30	0.8	6.9	323	0.2	1.0	16	0.2	0.5	307
11/29/2024 22:00	1.1	7.8	330	0.2	1.3	3	0.2	0.6	205
11/29/2024 21:30	1.0	4.8	329	0.2	2.3	344	0.2	0.7	309
11/29/2024 21:00	0.8	6.8	317	0.2	1.2	28	0.2	0.4	311
11/29/2024 20:30	0.4	7.0	299	0.2	1.8	328	0.2	0.5	285
11/29/2024 20:00	0.6	5.3	310	0.2	1.2	10	0.2	0.6	314
11/29/2024 19:30	0.6	7.0	313	0.2	1.7	337	0.2	0.3	234
11/29/2024 19:00	0.5	6.4	304	0.2	2.2	293	0.2	0.4	199
11/29/2024 18:30	0.4	6.9	304	0.2	3.6	283	0.2	0.8	246
11/29/2024 18:00	0.6	6.4	316	0.2	2.6	294	0.2	0.7	230
11/29/2024 17:30	0.7	7.0	315	0.2	2.7	310	0.2	0.6	237
11/29/2024 17:00	0.6	5.7	311	0.2	3.9	298	0.2	1.0	243
11/29/2024 16:30	0.4	5.7	290	0.2	5.3	275	0.2	0.9	282
11/29/2024 16:00	0.4	7.6	278	0.2	5.4	287	0.2	1.7	294
11/29/2024 15:30	0.4	8.9	290	0.2	6.5	273	0.2	1.5	316
11/29/2024 15:00	0.5	9.9	289	0.2	7.4	271	0.2	2.3	292
11/29/2024 14:30	1.0	10.6	301	0.2	8.4	268	0.2	3.0	269
11/29/2024 14:00	0.7	8.7	283	0.2	8.4	268	0.2	2.7	252
11/29/2024 13:30	0.7	8.2	289	0.2	7.7	301	0.2	2.6	285
11/29/2024 13:00	0.5	5.9	258	0.2	6.8	279	0.2	2.5	322
11/29/2024 12:30	0.7	5.5	295	0.2	4.4	247	0.2	2.1	326
11/29/2024 12:00	0.8	4.3	273	0.2	2.7	138	0.2	1.7	196
11/29/2024 11:30	1.1	1.9	83	0.2	2.6	215	0.2	1.9	357
11/29/2024 11:00	2.2	1.8	21	0.2	1.5	62	0.2	2.1	13
11/29/2024 10:30	2.9	2.3	350	0.2	1.8	4	0.2	1.7	76
11/29/2024 10:00	3.5	1.2	164	0.2	0.6	107	0.2	0.9	106
11/29/2024 9:30	12.2	1.4	202	0.2	0.5	22	0.2	0.5	96
11/29/2024 9:00	25.1	0.8	39	0.2	0.5	10	0.2	0.8	26
11/29/2024 8:30	27.0	0.8	299	0.2	0.6	31	0.2	0.7	21
11/29/2024 8:00	17.8	1.1	300	0.2	0.9	21	0.2	0.8	15
11/29/2024 7:30	6.6	0.8	342	0.2	0.6	32	0.2	0.5	346
11/29/2024 7:00	1.8	0.6	302	0.2	0.5	26	0.2	0.5	347
11/29/2024 6:30	1.8	0.7	214	0.2	0.6	27	0.2	0.6	15
11/29/2024 6:00	1.8	0.9	211	0.2	0.7	31	0.2	0.5	30
11/29/2024 5:30	2.8	0.9	170	0.2	0.5	27	0.2	0.4	357
11/29/2024 5:00	2.9	1.6	180	0.2	0.5	7	0.2	0.4	345
11/29/2024 4:30	3.1	0.8	159	0.2	0.4	45	0.2	0.2	154
11/29/2024 4:00	6.3	2.5	36	0.2	1.0	35	0.2	0.3	28
11/29/2024 3:30	4.7	1.1	131	0.2	0.6	21	0.2	0.3	306
11/29/2024 3:00	8.7	2.7	60	0.2	0.2	91	0.2	0.3	238
11/29/2024 2:30	14.4	3.1	20	0.2	0.8	19	0.2	0.4	319
11/29/2024 2:00	12.7	2.3	24	0.2	0.5	5	0.2	0.3	321
11/29/2024 1:30	11.9	3.6	14	0.4	0.4	36	AX	0.4	26
11/29/2024 1:00	16.5	5.9	13	AX	0.3	36	0.2	0.6	8
11/29/2024 0:30	AX	6.6	7	0.2	0.5	354	0.2	0.5	345

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