



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

October 18, 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
10/11/2024 00:00	10/17/2024 23:59	2.4	0.5	0.7

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.

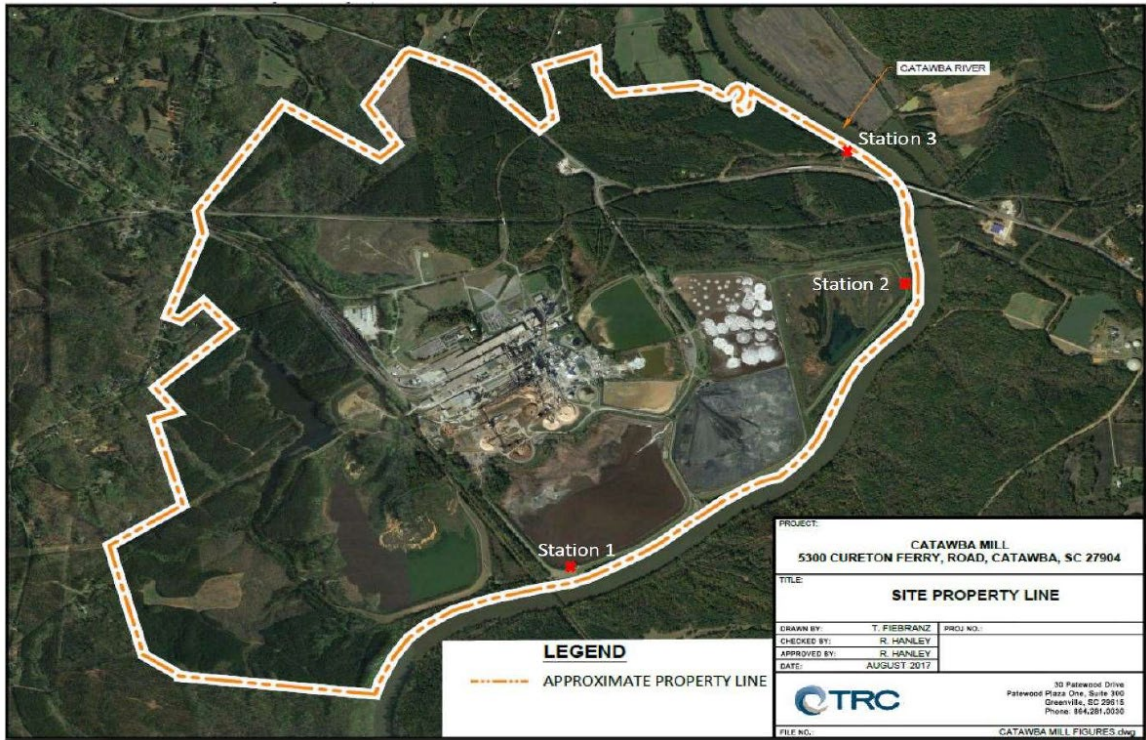
Glenn Rogers
 Environmental Manager

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

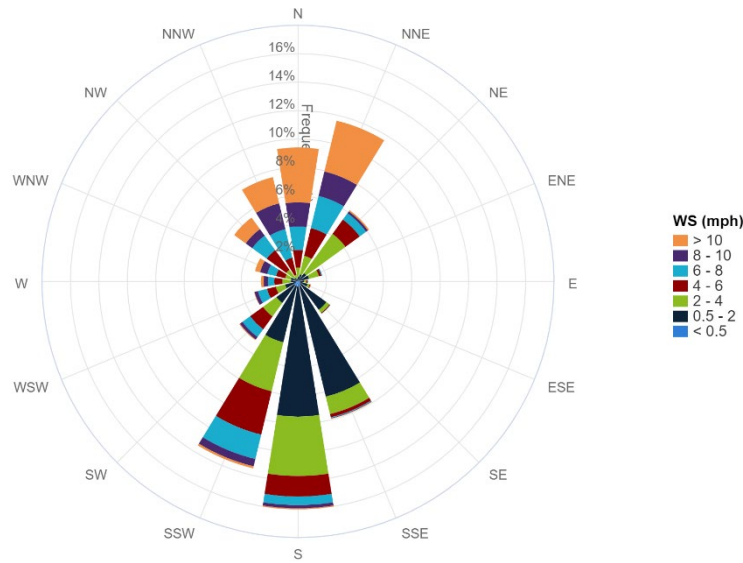
Attachments:

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 10/11/2024 00:00 to 10/17/2024 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			
10/05/2024 00:00	10/11/2024 23:59	6.7	0.2	0.3	10/11/2024	6.5	0.3	0.3
10/06/2024 00:00	10/12/2024 23:59	5.4	0.3	0.4	10/12/2024	0.3	0.6	1.2
10/07/2024 00:00	10/13/2024 23:59	3.2	0.3	0.7	10/13/2024	0.3	0.6	2.2
10/08/2024 00:00	10/14/2024 23:59	3.3	0.5	0.7	10/14/2024	2.6	1.2	0.8
10/09/2024 00:00	10/15/2024 23:59	3.3	0.5	0.7	10/15/2024	2.4	0.2	0.2
10/10/2024 00:00	10/16/2024 23:59	2.9	0.5	0.7	10/16/2024	1.5	0.2	0.2
10/11/2024 00:00	10/17/2024 23:59	2.4	0.5	0.7	10/17/2024	3.1	0.2	0.2

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
10/18/2024 0:00	0.2	0.9	153	0.2	0.6	20	0.5	0.4	319
10/17/2024 23:30	0.2	1.6	182	0.2	0.5	339	0.5	0.2	343
10/17/2024 23:00	0.2	1.3	181	0.2	0.6	36	0.2	0.3	21
10/17/2024 22:30	0.2	1.0	182	0.2	0.5	17	0.2	0.4	7
10/17/2024 22:00	0.2	1.1	167	0.2	0.6	18	0.2	0.3	6
10/17/2024 21:30	0.2	1.2	169	0.2	0.5	356	0.2	0.3	296
10/17/2024 21:00	0.2	1.6	172	0.2	0.4	12	0.2	0.4	295
10/17/2024 20:30	0.2	1.8	173	0.2	0.7	47	0.2	0.6	274
10/17/2024 20:00	0.2	1.7	181	0.2	0.5	9	0.2	0.4	267
10/17/2024 19:30	0.2	1.6	168	0.2	0.4	51	0.2	0.5	251
10/17/2024 19:00	0.2	1.2	168	0.2	0.4	34	0.2	0.5	330
10/17/2024 18:30	0.6	2.0	173	0.2	0.3	55	0.2	0.3	285
10/17/2024 18:00	1.1	2.3	147	0.2	0.4	64	0.2	0.5	271
10/17/2024 17:30	1.6	6.4	16	0.2	1.4	5	0.2	0.4	312
10/17/2024 17:00	0.8	6.5	14	0.2	1.6	11	0.2	1.5	9
10/17/2024 16:30	0.2	6.2	16	0.2	3.4	349	0.2	1.8	354
10/17/2024 16:00	0.2	7.2	3	0.2	1.9	3	0.2	2.4	345
10/17/2024 15:30	0.2	7.6	12	0.2	2.9	346	0.2	2.2	348
10/17/2024 15:00	0.2	6.1	1	0.2	3.1	355	0.2	2.8	359
10/17/2024 14:30	0.2	7.3	326	0.2	4.4	295	0.2	2.4	348
10/17/2024 14:00	0.2	8.0	320	0.2	4.7	323	0.2	1.8	330
10/17/2024 13:30	0.2	8.4	338	0.2	4.0	321	0.2	3.5	358
10/17/2024 13:00	0.6	7.7	349	0.2	4.8	315	0.2	2.3	341
10/17/2024 12:30	0.2	10.2	360	0.2	4.6	342	0.2	3.6	1
10/17/2024 12:00	0.5	11.1	357	0.2	3.9	330	0.2	2.6	341
10/17/2024 11:30	0.4	8.9	16	0.2	4.1	335	0.2	3.1	348
10/17/2024 11:00	1.3	10.6	22	0.2	4.3	10	0.2	3.4	20
10/17/2024 10:30	1.7	11.8	19	0.2	3.0	35	0.2	4.6	11
10/17/2024 10:00	1.6	11.4	11	0.2	3.2	12	0.2	4.4	5
10/17/2024 9:30	1.3	10.0	11	0.2	3.3	4	0.2	3.6	0
10/17/2024 9:00	2.6	10.8	11	0.2	3.3	345	0.2	4.7	351
10/17/2024 8:30	3.9	10.7	14	0.2	3.4	349	0.2	3.7	358
10/17/2024 8:00	5.2	8.2	12	0.2	2.7	343	0.2	3.5	359
10/17/2024 7:30	17.0	7.8	16	0.2	0.7	4	0.2	3.9	352
10/17/2024 7:00	21.0	7.1	24	0.2	0.3	18	0.2	0.9	15
10/17/2024 6:30	11.1	6.5	38	0.2	0.5	57	0.2	0.5	46
10/17/2024 6:00	13.5	3.2	23	0.2	0.3	23	0.2	0.2	72
10/17/2024 5:30	11.1	4.7	40	0.2	0.2	54	0.2	0.2	93
10/17/2024 5:00	18.0	4.7	18	0.2	0.4	71	0.2	0.2	336
10/17/2024 4:30	8.3	4.7	353	0.2	0.4	48	0.2	0.3	281
10/17/2024 4:00	17.3	3.6	26	0.2	0.2	34	0.2	0.3	285
10/17/2024 3:30	1.8	2.5	340	0.2	0.4	47	0.2	0.2	286
10/17/2024 3:00	0.2	1.2	273	0.2	0.2	9	0.2	0.2	279
10/17/2024 2:30	0.2	1.0	208	0.2	0.3	40	0.2	0.4	302
10/17/2024 2:00	0.2	1.2	193	0.2	0.3	51	0.2	0.2	9
10/17/2024 1:30	0.2	1.4	205	0.2	0.5	25	AX	0.3	326
10/17/2024 1:00	0.7	1.5	214	AX	0.4	28	0.2	0.4	292
10/17/2024 0:30	AX	2.5	181	0.2	0.5	309	0.2	0.7	256

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
10/17/2024 0:00	0.2	4.3	307	0.2	0.6	346	0.2	0.5	291
10/16/2024 23:30	0.2	5.1	314	0.2	0.7	358	0.2	0.3	294
10/16/2024 23:00	0.2	5.6	312	0.2	0.9	325	0.2	0.4	250
10/16/2024 22:30	0.2	6.9	314	0.2	0.7	280	0.2	0.3	250
10/16/2024 22:00	0.2	6.7	319	0.2	0.7	290	0.2	0.3	263
10/16/2024 21:30	0.2	6.8	328	0.2	1.3	342	0.2	0.3	288
10/16/2024 21:00	0.8	6.8	342	0.2	0.4	238	0.2	0.3	246
10/16/2024 20:30	0.2	4.6	320	0.2	0.5	306	0.2	0.4	275
10/16/2024 20:00	2.2	2.5	294	0.2	0.7	356	0.2	0.4	262
10/16/2024 19:30	5.7	1.6	207	0.2	0.9	353	0.2	0.3	276
10/16/2024 19:00	7.2	4.6	25	0.2	0.5	357	0.2	0.3	296
10/16/2024 18:30	7.7	5.6	11	0.2	0.4	56	0.2	0.5	301
10/16/2024 18:00	2.5	7.9	11	0.2	0.9	37	0.2	1.5	6
10/16/2024 17:30	0.6	10.4	10	0.2	2.9	354	0.2	3.0	356
10/16/2024 17:00	0.2	9.9	345	0.2	4.6	341	0.2	3.8	344
10/16/2024 16:30	0.2	10.9	336	0.2	4.7	343	0.2	3.8	350
10/16/2024 16:00	0.8	10.6	339	0.2	5.4	340	0.2	5.0	345
10/16/2024 15:30	0.8	9.9	349	0.2	3.9	325	0.2	2.6	333
10/16/2024 15:00	1.1	11.4	13	0.2	4.5	339	0.2	3.9	350
10/16/2024 14:30	1.4	12.8	12	0.2	5.1	335	0.2	4.0	351
10/16/2024 14:00	0.6	11.6	359	0.2	4.9	350	0.2	4.5	357
10/16/2024 13:30	0.4	12.6	357	0.2	5.3	348	0.2	4.2	349
10/16/2024 13:00	0.7	12.9	353	0.2	5.8	353	0.2	5.1	358
10/16/2024 12:30	1.2	12.9	358	0.2	5.7	343	0.2	4.2	355
10/16/2024 12:00	0.9	13.9	11	0.2	5.0	360	0.2	5.3	358
10/16/2024 11:30	1.4	13.3	11	0.2	4.3	12	0.2	4.9	8
10/16/2024 11:00	1.2	15.0	6	0.2	4.4	25	0.2	4.6	15
10/16/2024 10:30	2.7	16.2	15	0.2	6.7	358	0.2	5.4	15
10/16/2024 10:00	2.4	15.5	18	0.2	5.8	24	0.2	5.9	7
10/16/2024 9:30	0.9	12.7	11	0.2	6.6	15	0.2	6.0	10
10/16/2024 9:00	1.1	13.5	8	0.2	4.6	351	0.2	5.5	355
10/16/2024 8:30	1.4	10.8	8	0.2	4.7	347	0.2	4.4	3
10/16/2024 8:00	1.4	8.5	345	0.2	4.1	344	0.2	3.7	355
10/16/2024 7:30	0.9	9.3	342	0.2	3.1	347	0.2	3.4	357
10/16/2024 7:00	1.3	9.8	346	0.2	3.6	345	0.2	3.0	354
10/16/2024 6:30	2.3	9.9	340	0.2	3.2	348	0.2	3.0	352
10/16/2024 6:00	1.5	10.9	340	0.2	4.2	350	0.2	3.3	355
10/16/2024 5:30	0.7	9.5	339	0.2	3.7	346	0.2	3.0	354
10/16/2024 5:00	1.5	9.3	344	0.2	3.6	348	0.2	3.0	358
10/16/2024 4:30	1.5	9.7	0	0.2	3.1	347	0.2	3.5	351
10/16/2024 4:00	0.9	9.2	340	0.2	3.3	339	0.2	3.1	352
10/16/2024 3:30	1.0	7.6	355	0.2	1.9	347	0.2	2.1	360
10/16/2024 3:00	1.4	11.5	10	0.2	3.5	360	0.2	2.6	15
10/16/2024 2:30	1.5	11.9	6	0.2	3.3	15	0.2	3.0	11
10/16/2024 2:00	2.2	10.6	3	0.2	3.5	2	0.2	3.5	6
10/16/2024 1:30	1.9	8.0	353	0.4	2.4	343	AX	2.5	355
10/16/2024 1:00	2.5	8.6	3	AX	2.4	346	0.2	2.6	354
10/16/2024 0:30	AX	6.8	344	0.2	2.4	338	0.2	1.8	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
10/16/2024 0:00	1.3	7.0	343	0.2	2.5	342	0.2	1.4	346
10/15/2024 23:30	1.6	7.3	353	0.2	2.5	344	0.2	2.4	356
10/15/2024 23:00	1.3	12.4	12	0.2	2.5	349	0.2	2.7	359
10/15/2024 22:30	1.7	9.7	360	0.2	3.7	346	0.2	3.1	360
10/15/2024 22:00	1.8	9.4	346	0.2	3.4	350	0.2	2.8	357
10/15/2024 21:30	2.3	10.2	6	0.2	1.8	356	0.2	2.2	2
10/15/2024 21:00	2.3	11.7	11	0.2	3.5	1	0.2	3.1	5
10/15/2024 20:30	1.0	10.7	355	0.2	3.5	347	0.2	3.9	352
10/15/2024 20:00	0.2	2.1	156	0.2	1.2	32	0.2	0.9	347
10/15/2024 19:30	0.2	2.1	186	0.2	0.5	30	0.2	0.4	260
10/15/2024 19:00	0.2	1.8	167	0.2	0.5	337	0.2	0.3	202
10/15/2024 18:30	0.2	1.6	210	0.2	0.4	55	0.2	0.2	315
10/15/2024 18:00	0.2	1.4	200	0.2	0.5	69	0.2	0.4	293
10/15/2024 17:30	0.2	1.7	191	0.2	0.8	344	0.2	0.6	219
10/15/2024 17:00	0.2	2.2	227	0.2	2.4	298	0.2	0.3	287
10/15/2024 16:30	0.2	2.5	236	0.2	2.0	277	0.2	0.7	267
10/15/2024 16:00	0.2	3.3	240	0.2	2.4	296	0.2	1.1	250
10/15/2024 15:30	0.2	2.4	315	0.2	1.9	264	0.2	0.7	254
10/15/2024 15:00	0.2	4.4	315	0.2	2.1	284	0.2	0.6	247
10/15/2024 14:30	0.2	5.5	321	0.2	2.5	292	0.2	0.8	266
10/15/2024 14:00	0.2	6.3	311	0.2	3.8	333	0.2	1.6	345
10/15/2024 13:30	0.2	6.1	318	0.2	4.1	317	0.2	2.3	349
10/15/2024 13:00	0.2	5.9	320	0.2	3.3	260	0.2	1.8	344
10/15/2024 12:30	0.2	5.3	328	0.2	4.8	312	0.2	2.4	350
10/15/2024 12:00	0.2	6.1	349	0.2	3.9	315	0.2	2.3	9
10/15/2024 11:30	0.2	5.6	358	0.2	3.3	334	0.2	2.2	8
10/15/2024 11:00	0.5	6.2	26	0.2	3.1	301	0.2	2.1	11
10/15/2024 10:30	1.7	6.9	20	0.2	2.7	344	0.2	2.7	15
10/15/2024 10:00	3.0	8.6	15	0.2	3.4	333	0.2	2.9	358
10/15/2024 9:30	4.5	7.3	19	0.2	3.0	340	0.2	2.9	357
10/15/2024 9:00	7.0	4.1	49	0.2	1.5	310	0.2	2.3	1
10/15/2024 8:30	11.7	4.8	31	0.2	0.7	323	0.2	1.9	342
10/15/2024 8:00	14.2	2.8	44	0.2	0.4	347	0.2	1.3	13
10/15/2024 7:30	11.0	2.3	57	0.2	0.6	40	0.2	0.9	24
10/15/2024 7:00	2.8	0.8	131	0.2	0.4	37	0.2	0.5	22
10/15/2024 6:30	2.3	0.9	172	0.2	0.4	34	0.2	0.6	50
10/15/2024 6:00	2.7	1.0	191	0.2	0.3	35	0.2	0.5	17
10/15/2024 5:30	2.4	1.0	183	0.2	0.2	38	0.2	0.3	83
10/15/2024 5:00	3.8	1.2	186	0.2	0.4	19	0.2	0.3	348
10/15/2024 4:30	4.5	1.1	172	0.2	0.3	30	0.2	0.2	330
10/15/2024 4:00	4.4	0.6	172	0.2	0.4	39	0.2	0.2	296
10/15/2024 3:30	2.9	1.2	143	0.2	0.3	50	0.2	0.3	234
10/15/2024 3:00	2.7	0.7	135	0.2	0.4	33	0.2	0.2	268
10/15/2024 2:30	3.2	0.9	163	0.2	0.7	40	0.2	0.2	334
10/15/2024 2:00	3.7	1.1	158	0.2	0.3	52	0.2	0.2	304
10/15/2024 1:30	3.9	1.1	159	0.5	0.4	28	AX	0.2	277
10/15/2024 1:00	5.1	1.0	130	AX	0.6	50	0.2	0.3	270
10/15/2024 0:30	AX	1.1	137	0.2	0.4	8	0.2	0.4	305

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
10/15/2024 0:00	5.2	1.1	158	0.2	0.5	28	0.2	0.4	239
10/14/2024 23:30	3.4	3.7	60	0.2	0.7	346	0.2	0.7	251
10/14/2024 23:00	9.4	1.3	142	0.2	0.9	55	0.2	0.8	17
10/14/2024 22:30	9.1	0.9	176	0.2	0.6	37	0.2	0.3	313
10/14/2024 22:00	6.8	0.9	140	0.2	0.4	59	0.2	0.3	291
10/14/2024 21:30	2.1	3.3	312	0.2	0.5	39	0.2	0.3	339
10/14/2024 21:00	11.5	5.4	348	0.2	0.3	33	0.2	0.3	297
10/14/2024 20:30	6.3	3.7	330	0.2	0.5	11	0.2	0.5	308
10/14/2024 20:00	5.8	4.7	352	0.2	0.4	88	0.2	0.3	295
10/14/2024 19:30	0.2	6.0	325	0.2	0.5	24	0.2	0.4	278
10/14/2024 19:00	0.5	5.1	322	0.2	0.4	18	0.2	0.5	302
10/14/2024 18:30	2.5	5.7	333	0.2	0.9	347	0.2	0.4	271
10/14/2024 18:00	36.6	7.4	10	0.2	1.7	334	0.2	0.3	269
10/14/2024 17:30	12.5	7.2	356	0.2	2.0	348	0.2	1.4	349
10/14/2024 17:00	0.2	6.4	313	0.2	2.4	329	0.2	0.6	4
10/14/2024 16:30	0.2	8.1	303	0.2	4.7	286	0.2	0.6	306
10/14/2024 16:00	0.2	8.1	288	0.2	6.6	284	0.2	1.4	273
10/14/2024 15:30	0.2	6.5	278	0.2	5.6	295	0.2	1.6	295
10/14/2024 15:00	0.2	7.1	278	0.2	4.9	287	0.2	1.8	269
10/14/2024 14:30	0.2	7.2	276	0.2	5.3	291	0.2	1.5	288
10/14/2024 14:00	0.2	7.6	275	0.2	5.0	289	0.2	1.7	332
10/14/2024 13:30	0.2	8.4	300	0.2	4.4	280	0.2	2.0	327
10/14/2024 13:00	0.2	7.4	278	0.2	5.2	306	0.2	2.0	303
10/14/2024 12:30	0.2	9.0	284	0.2	7.2	310	0.2	2.0	311
10/14/2024 12:00	0.2	9.2	293	0.2	7.8	311	0.2	2.1	323
10/14/2024 11:30	0.2	14.5	306	0.2	8.7	298	0.2	2.1	312
10/14/2024 11:00	0.2	11.7	309	0.2	8.4	304	0.2	2.1	274
10/14/2024 10:30	0.2	10.5	296	0.2	5.8	293	0.2	1.8	298
10/14/2024 10:00	0.2	6.9	264	0.4	6.4	276	0.2	1.6	299
10/14/2024 9:30	0.2	6.0	250	1.6	5.3	252	0.2	2.3	243
10/14/2024 9:00	0.2	6.7	247	2.3	5.0	257	0.2	3.0	224
10/14/2024 8:30	0.2	5.6	247	2.3	5.7	255	0.2	2.4	237
10/14/2024 8:00	0.2	4.7	235	4.7	3.9	271	0.2	1.2	244
10/14/2024 7:30	0.2	2.4	200	8.8	1.7	210	0.2	2.3	233
10/14/2024 7:00	0.2	3.1	224	3.8	0.9	209	0.2	1.7	245
10/14/2024 6:30	0.2	3.3	201	1.7	2.1	200	0.2	2.5	239
10/14/2024 6:00	0.2	4.2	211	1.6	2.5	204	0.2	2.5	239
10/14/2024 5:30	0.2	4.4	212	1.4	3.1	211	0.2	2.9	241
10/14/2024 5:00	0.2	4.5	222	10.5	3.4	226	0.8	3.2	235
10/14/2024 4:30	0.2	5.7	211	2.7	3.6	224	1.4	3.6	228
10/14/2024 4:00	0.2	7.0	210	2.3	3.9	226	1.6	3.5	227
10/14/2024 3:30	0.2	6.6	208	1.1	4.0	223	2.9	3.6	227
10/14/2024 3:00	0.2	7.0	209	1.5	4.2	224	4.2	3.9	222
10/14/2024 2:30	0.2	8.1	209	0.8	4.8	223	4.2	3.9	225
10/14/2024 2:00	0.2	8.1	208	1.2	4.2	220	3.9	3.9	219
10/14/2024 1:30	0.7	7.2	204	1.5	3.4	217	AX	2.4	214
10/14/2024 1:00	1.6	6.6	208	AX	3.2	212	4.0	3.1	214
10/14/2024 0:30	AX	5.5	203	0.2	2.3	201	5.4	1.9	200

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
10/14/2024 0:00	0.2	5.5	195	0.2	2.1	191	3.4	1.7	185
10/13/2024 23:30	0.2	5.6	194	0.2	2.1	191	3.4	1.7	185
10/13/2024 23:00	0.2	4.6	200	0.2	1.7	200	12.5	2.0	206
10/13/2024 22:30	0.2	6.3	196	0.2	2.1	203	4.9	1.6	187
10/13/2024 22:00	0.2	5.6	201	0.2	1.7	202	7.3	1.5	188
10/13/2024 21:30	0.2	6.1	200	0.2	1.9	208	4.9	1.5	205
10/13/2024 21:00	0.2	5.4	198	0.2	1.2	196	1.9	0.9	196
10/13/2024 20:30	0.2	4.0	198	0.9	1.1	208	4.2	0.5	178
10/13/2024 20:00	0.2	2.4	197	3.1	1.1	236	11.0	0.3	239
10/13/2024 19:30	0.2	2.8	204	6.0	0.7	213	3.0	0.5	233
10/13/2024 19:00	0.2	3.0	195	3.2	0.7	206	1.7	0.4	186
10/13/2024 18:30	0.2	2.3	198	0.2	0.8	220	0.8	0.3	185
10/13/2024 18:00	0.2	2.7	193	0.2	0.8	188	0.5	0.5	216
10/13/2024 17:30	0.2	3.9	179	0.2	1.8	184	0.9	0.9	194
10/13/2024 17:00	0.2	4.2	184	0.2	2.4	207	1.0	1.9	202
10/13/2024 16:30	0.2	5.7	186	0.2	2.9	212	2.4	3.1	202
10/13/2024 16:00	0.2	6.1	191	0.2	3.6	217	1.8	3.4	211
10/13/2024 15:30	0.2	6.2	187	0.2	3.7	211	0.6	3.1	205
10/13/2024 15:00	0.2	5.1	141	0.2	3.7	209	1.1	3.6	205
10/13/2024 14:30	0.2	6.5	182	0.2	4.2	213	2.3	4.2	208
10/13/2024 14:00	0.2	8.3	192	0.2	4.5	223	0.5	4.7	202
10/13/2024 13:30	0.2	6.5	198	0.2	3.9	209	1.5	3.8	193
10/13/2024 13:00	0.2	6.3	203	0.2	4.3	209	2.0	3.4	215
10/13/2024 12:30	0.2	6.0	199	0.2	3.9	216	1.6	3.5	196
10/13/2024 12:00	0.2	4.8	196	0.6	3.5	218	1.2	2.6	210
10/13/2024 11:30	0.2	4.4	199	0.2	3.1	224	1.2	2.1	188
10/13/2024 11:00	0.2	4.4	185	0.2	3.0	212	2.1	2.3	189
10/13/2024 10:30	0.2	3.8	197	0.2	3.0	209	2.8	2.1	181
10/13/2024 10:00	0.2	3.4	183	0.2	2.7	193	1.3	1.5	180
10/13/2024 9:30	0.2	2.8	173	0.2	1.0	203	3.5	1.2	145
10/13/2024 9:00	0.2	2.1	172	0.2	1.6	209	2.7	1.5	169
10/13/2024 8:30	0.2	1.8	180	0.7	1.6	181	6.3	1.3	187
10/13/2024 8:00	0.2	0.9	216	0.2	0.8	268	1.0	0.7	173
10/13/2024 7:30	0.2	1.2	196	1.1	0.5	236	0.2	0.4	71
10/13/2024 7:00	0.2	1.2	213	0.2	0.3	269	0.2	0.2	259
10/13/2024 6:30	0.2	1.0	168	0.2	0.2	313	0.2	0.2	180
10/13/2024 6:00	0.2	0.8	188	0.2	0.2	271	0.2	0.2	177
10/13/2024 5:30	0.2	0.8	205	0.2	0.5	273	0.2	0.2	281
10/13/2024 5:00	0.2	0.9	179	0.2	0.7	248	0.2	0.2	140
10/13/2024 4:30	0.2	1.5	180	0.2	0.5	293	0.2	0.2	100
10/13/2024 4:00	0.2	1.4	171	0.2	0.3	313	0.2	0.2	324
10/13/2024 3:30	0.2	1.7	179	0.2	0.4	251	0.5	0.3	201
10/13/2024 3:00	0.2	1.5	201	0.2	0.4	296	0.2	0.3	263
10/13/2024 2:30	0.2	1.5	187	0.8	0.5	225	1.9	0.3	175
10/13/2024 2:00	0.7	1.9	191	2.7	0.3	316	BF	0.3	226
10/13/2024 1:30	2.4	1.4	173	BF	0.3	357	BF	0.3	98
10/13/2024 1:00	BF	1.4	162	BF	0.2	14	0.2	0.3	98
10/13/2024 0:30	BF	1.2	162	0.2	0.3	28	0.2	0.3	68

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
10/13/2024 0:00	0.2	1.3	163	0.2	0.4	10	0.2	0.2	43
10/12/2024 23:30	0.2	1.6	197	0.2	0.2	211	0.2	0.2	116
10/12/2024 23:00	0.2	1.5	205	0.2	0.3	332	0.2	0.4	219
10/12/2024 22:30	0.2	1.4	170	0.2	0.2	25	0.2	0.2	113
10/12/2024 22:00	0.2	1.3	192	0.2	0.3	23	0.2	0.2	95
10/12/2024 21:30	0.2	0.9	195	0.2	0.2	45	0.2	0.2	128
10/12/2024 21:00	0.2	0.5	213	0.2	0.2	59	0.2	0.2	162
10/12/2024 20:30	0.2	0.5	196	0.2	0.3	21	0.9	0.3	265
10/12/2024 20:00	0.2	1.1	190	0.2	0.3	99	0.7	0.3	201
10/12/2024 19:30	0.2	1.9	205	0.2	0.3	71	0.6	0.2	261
10/12/2024 19:00	0.2	1.6	192	0.2	0.3	66	1.5	0.3	258
10/12/2024 18:30	0.2	1.8	192	0.2	0.3	85	2.4	0.2	237
10/12/2024 18:00	0.2	2.2	196	0.2	0.8	110	2.1	0.5	245
10/12/2024 17:30	0.2	2.9	188	0.2	1.5	177	2.3	1.0	202
10/12/2024 17:00	0.2	3.6	181	0.2	2.0	199	2.3	1.5	197
10/12/2024 16:30	0.2	4.9	186	0.2	2.7	205	1.0	1.9	198
10/12/2024 16:00	0.2	5.5	180	0.2	2.9	222	0.9	2.5	200
10/12/2024 15:30	0.2	3.9	218	0.2	3.5	232	0.8	2.5	210
10/12/2024 15:00	0.2	4.0	241	0.2	3.4	234	0.5	1.9	201
10/12/2024 14:30	0.2	4.1	215	0.2	3.2	223	0.2	1.6	279
10/12/2024 14:00	0.2	4.1	224	0.2	3.2	239	0.2	1.5	290
10/12/2024 13:30	0.2	3.0	257	0.4	2.7	226	0.2	2.3	247
10/12/2024 13:00	0.2	3.9	256	0.4	3.2	229	0.6	2.0	235
10/12/2024 12:30	0.2	3.2	227	0.2	3.5	214	0.4	1.9	246
10/12/2024 12:00	0.2	3.5	213	1.5	3.2	236	0.2	2.6	233
10/12/2024 11:30	0.2	4.0	222	0.8	3.0	258	0.2	2.3	221
10/12/2024 11:00	0.2	4.2	270	0.7	3.9	261	0.2	1.5	282
10/12/2024 10:30	0.2	4.2	238	0.7	3.7	248	0.5	1.2	287
10/12/2024 10:00	0.2	3.6	213	2.0	2.7	214	2.7	1.1	74
10/12/2024 9:30	0.2	3.4	185	0.2	1.7	203	2.1	1.3	169
10/12/2024 9:00	0.2	2.6	178	1.6	1.3	213	4.0	1.3	179
10/12/2024 8:30	1.2	1.6	178	3.7	0.4	339	3.8	0.6	150
10/12/2024 8:00	1.3	1.0	202	1.3	0.2	295	2.1	0.2	189
10/12/2024 7:30	2.2	0.6	131	0.7	0.4	46	3.1	0.4	163
10/12/2024 7:00	0.9	0.7	141	0.8	0.9	25	1.2	0.6	41
10/12/2024 6:30	0.2	1.1	167	0.5	0.3	29	0.9	0.4	73
10/12/2024 6:00	0.2	1.1	166	1.0	0.3	31	1.7	0.5	84
10/12/2024 5:30	0.2	1.0	164	3.0	0.7	27	3.8	0.3	90
10/12/2024 5:00	0.2	1.4	177	2.7	0.9	19	3.4	0.4	38
10/12/2024 4:30	0.2	1.3	167	1.5	0.4	32	3.3	0.2	81
10/12/2024 4:00	0.2	1.2	168	0.2	0.4	18	1.4	0.2	93
10/12/2024 3:30	0.2	1.3	161	0.2	0.2	19	0.2	0.2	73
10/12/2024 3:00	0.2	0.9	168	0.2	0.5	359	0.2	0.2	352
10/12/2024 2:30	0.2	1.0	169	0.2	0.4	355	0.2	0.2	10
10/12/2024 2:00	0.2	1.5	180	0.2	0.2	355	0.2	0.2	192
10/12/2024 1:30	0.2	1.2	155	0.2	0.4	16	AX	0.2	59
10/12/2024 1:00	0.5	1.3	153	AX	0.3	354	0.2	0.2	84
10/12/2024 0:30	AX	1.4	182	0.2	0.4	336	0.2	0.2	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
10/12/2024 0:00	0.2	2.2	190	0.2	0.2	324	0.2	0.2	289
10/11/2024 23:30	0.2	1.3	182	0.8	0.2	9	0.2	0.2	72
10/11/2024 23:00	0.2	1.6	171	0.9	0.2	25	0.8	0.2	341
10/11/2024 22:30	0.2	1.5	156	0.6	0.2	33	1.3	0.2	293
10/11/2024 22:00	0.2	1.2	153	1.1	0.3	16	0.8	0.2	18
10/11/2024 21:30	0.2	1.4	167	0.7	0.2	23	0.5	0.2	271
10/11/2024 21:00	0.2	1.3	161	0.4	0.2	26	0.2	0.2	268
10/11/2024 20:30	0.2	1.1	160	0.2	0.2	19	0.2	0.2	293
10/11/2024 20:00	0.2	1.5	162	0.2	0.2	19	0.2	0.2	280
10/11/2024 19:30	0.2	1.2	183	0.2	0.3	350	0.2	0.3	301
10/11/2024 19:00	0.2	2.0	182	0.2	0.2	24	0.2	0.3	207
10/11/2024 18:30	0.2	1.9	178	0.2	0.2	49	0.2	0.3	305
10/11/2024 18:00	0.2	2.6	179	0.2	0.3	280	0.2	0.4	262
10/11/2024 17:30	0.2	1.8	168	0.2	0.2	72	0.2	0.3	228
10/11/2024 17:00	0.7	1.6	102	0.2	0.4	77	0.2	0.5	200
10/11/2024 16:30	1.3	3.5	28	0.2	2.0	351	0.2	0.4	295
10/11/2024 16:00	0.8	2.3	55	0.2	2.0	312	0.2	0.7	271
10/11/2024 15:30	0.6	2.3	41	0.2	2.2	352	0.2	1.7	42
10/11/2024 15:00	0.2	3.2	46	0.2	2.7	292	0.2	1.8	35
10/11/2024 14:30	0.2	3.2	71	0.2	3.0	290	0.2	1.6	236
10/11/2024 14:00	0.2	2.4	156	0.2	2.4	311	0.2	1.4	297
10/11/2024 13:30	0.2	2.1	178	0.2	2.1	109	0.2	1.9	276
10/11/2024 13:00	0.2	3.5	118	0.2	2.3	169	0.2	1.7	26
10/11/2024 12:30	0.2	3.4	62	0.2	2.1	40	0.2	1.7	46
10/11/2024 12:00	0.2	2.7	12	0.2	1.8	73	0.2	2.0	352
10/11/2024 11:30	0.2	6.3	21	0.2	1.8	101	0.2	2.9	33
10/11/2024 11:00	0.2	7.2	47	0.2	1.6	64	0.2	2.7	47
10/11/2024 10:30	0.2	6.2	60	0.2	1.9	96	0.2	3.4	56
10/11/2024 10:00	2.1	4.1	53	0.2	1.5	35	0.2	2.0	59
10/11/2024 9:30	2.8	6.1	34	0.2	2.6	7	0.2	2.7	21
10/11/2024 9:00	9.9	5.0	33	0.2	1.8	7	0.2	1.4	16
10/11/2024 8:30	15.0	3.3	9	0.2	0.6	11	0.2	2.7	359
10/11/2024 8:00	14.0	5.1	28	0.2	0.6	345	0.2	2.2	359
10/11/2024 7:30	36.6	3.5	34	0.2	0.7	31	0.2	0.9	14
10/11/2024 7:00	43.0	1.5	24	0.2	0.5	34	0.2	0.4	354
10/11/2024 6:30	39.8	1.3	10	0.2	0.5	38	0.2	0.2	293
10/11/2024 6:00	9.4	3.1	39	0.2	0.5	45	0.2	0.2	292
10/11/2024 5:30	4.8	4.1	48	0.2	0.8	48	0.2	0.7	2
10/11/2024 5:00	40.4	2.6	36	0.2	0.6	47	0.2	0.4	40
10/11/2024 4:30	23.6	3.2	33	0.2	0.6	44	0.2	0.9	358
10/11/2024 4:00	8.1	3.7	43	0.2	0.5	26	0.2	0.6	322
10/11/2024 3:30	12.5	2.8	45	0.2	0.5	24	0.2	0.4	301
10/11/2024 3:00	13.2	2.3	48	0.2	0.5	17	0.2	0.2	270
10/11/2024 2:30	7.7	1.5	48	0.2	0.4	41	0.2	0.2	288
10/11/2024 2:00	4.7	2.3	54	0.2	0.4	41	0.2	0.2	292
10/11/2024 1:30	6.3	3.2	43	0.2	0.4	38	AX	0.3	339
10/11/2024 1:00	2.2	3.6	41	AX	0.5	27	0.2	0.2	314
10/11/2024 0:30	AX	2.4	54	0.2	0.3	31	0.2	0.2	289

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