



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 24, 2023

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
11/17/2023 00:00	11/23/2023 23:59	3.8	0.8	0.6

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.

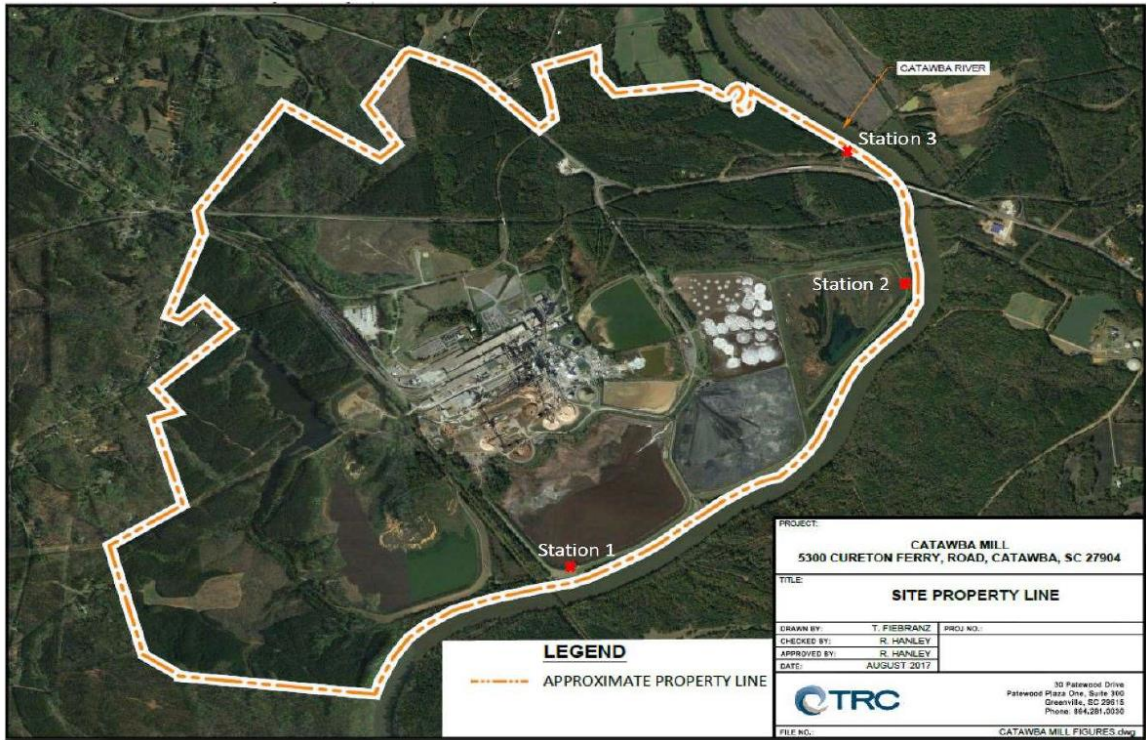
Bob Tourville  
 Process Engineering Manager

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

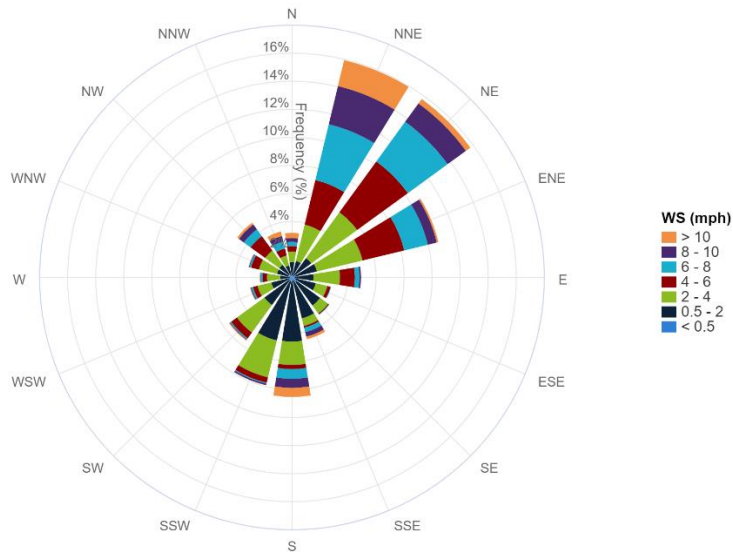
Attachments:

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 11/17/2023 00:00 to 11/23/2023 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	Station 1	Station 2	Station 3
11/11/2023 00:00	11/17/2023 23:59		3.5	0.6	0.5	11/17/2023	3.9	0.6	0.5
11/12/2023 00:00	11/18/2023 23:59		3.8	0.6	0.5	11/18/2023	4.8	0.6	0.5
11/13/2023 00:00	11/19/2023 23:59		4.0	0.7	0.5	11/19/2023	3.5	0.6	0.4
11/14/2023 00:00	11/20/2023 23:59		3.7	0.6	0.4	11/20/2023	2.9	0.6	0.4
11/15/2023 00:00	11/21/2023 23:59		3.7	0.6	0.5	11/21/2023	2.5	1.0	0.7
11/16/2023 00:00	11/22/2023 23:59		3.6	0.7	0.5	11/22/2023	2.1	0.9	0.6
11/17/2023 00:00	11/23/2023 23:59		3.8	0.8	0.6	11/23/2023	6.4	1.0	1.0

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
11/24/2023 0:00	10.9	1.2	170	0.5	0.4	6	0.9	0.3	6
11/23/2023 23:30	2.8	1.1	181	0.5	0.5	3	0.6	0.2	3
11/23/2023 23:00	3.6	1.4	181	0.5	0.2	3	0.6	0.2	82
11/23/2023 22:30	0.7	1.5	191	0.5	0.4	15	0.8	0.2	54
11/23/2023 22:00	0.2	1.6	206	0.5	0.3	292	0.9	0.3	84
11/23/2023 21:30	0.7	2.0	201	0.7	0.2	262	1.1	0.3	137
11/23/2023 21:00	0.4	1.7	189	0.6	0.2	348	0.7	0.2	303
11/23/2023 20:30	6.5	1.5	198	0.6	0.5	38	1.2	0.3	79
11/23/2023 20:00	4.2	2.3	206	0.6	0.2	100	2.4	0.3	40
11/23/2023 19:30	5.0	1.9	203	0.5	0.3	177	1.9	0.3	323
11/23/2023 19:00	0.2	1.7	222	0.6	0.4	76	3.1	0.4	177
11/23/2023 18:30	0.2	2.5	218	0.6	0.3	96	3.8	0.2	182
11/23/2023 18:00	3.8	2.3	212	0.9	0.3	51	2.2	0.3	234
11/23/2023 17:30	13.4	2.1	209	1.5	0.4	55	0.9	0.7	215
11/23/2023 17:00	29.4	1.9	200	1.5	1.3	257	0.7	0.7	231
11/23/2023 16:30	3.9	3.0	248	1.2	3.3	241	1.0	0.6	309
11/23/2023 16:00	2.5	2.8	243	0.5	2.7	208	0.2	0.9	281
11/23/2023 15:30	2.0	3.2	209	1.0	3.4	241	0.2	0.9	336
11/23/2023 15:00	0.5	3.9	260	0.6	3.1	267	0.4	1.9	277
11/23/2023 14:30	0.2	3.7	247	0.7	3.3	234	0.4	2.4	249
11/23/2023 14:00	0.5	3.4	272	0.9	4.7	246	0.2	2.0	270
11/23/2023 13:30	0.2	4.2	235	0.9	3.4	248	0.2	1.8	177
11/23/2023 13:00	0.2	4.5	226	0.8	3.1	211	1.0	2.5	181
11/23/2023 12:30	0.9	1.9	239	1.5	3.7	237	1.6	2.0	129
11/23/2023 12:00	1.9	1.7	105	1.3	2.2	211	0.5	2.2	90
11/23/2023 11:30	1.5	1.5	349	0.6	2.0	192	0.2	1.6	166
11/23/2023 11:00	0.6	1.7	29	0.7	1.5	290	0.2	2.1	178
11/23/2023 10:30	0.6	4.3	54	0.8	1.8	11	0.2	2.1	83
11/23/2023 10:00	4.8	3.5	46	0.8	1.4	27	0.2	1.4	51
11/23/2023 9:30	16.3	1.1	163	0.8	1.0	351	0.6	0.8	354
11/23/2023 9:00	17.6	0.7	198	0.7	0.4	329	0.6	0.9	7
11/23/2023 8:30	8.9	0.8	266	0.7	0.4	329	0.6	0.6	350
11/23/2023 8:00	4.0	1.8	241	0.8	0.4	337	0.6	0.3	323
11/23/2023 7:30	5.3	1.1	200	1.0	0.5	13	0.8	0.4	356
11/23/2023 7:00	4.1	1.1	214	0.9	0.5	350	0.8	0.4	256
11/23/2023 6:30	2.4	1.0	212	1.1	0.7	22	0.7	0.5	12
11/23/2023 6:00	9.6	1.3	176	1.0	0.6	346	1.2	0.4	313
11/23/2023 5:30	9.1	1.2	157	1.4	1.2	27	1.0	0.5	50
11/23/2023 5:00	1.6	2.3	225	1.5	0.9	340	1.0	0.6	330
11/23/2023 4:30	12.4	1.0	174	3.6	0.7	6	2.5	0.5	336
11/23/2023 4:00	17.4	1.9	178	2.7	0.6	263	4.7	0.3	349
11/23/2023 3:30	7.7	2.8	206	2.1	1.0	261	1.4	0.5	298
11/23/2023 3:00	23.4	3.2	190	1.3	0.7	216	0.6	0.7	234
11/23/2023 2:30	19.2	2.9	195	0.5	0.7	184	0.6	1.0	213
11/23/2023 2:00	14.1	1.5	211	0.6	0.6	35	1.0	0.6	293
11/23/2023 1:30	15.6	4.4	24	0.7	1.2	50	AX	0.6	359
11/23/2023 1:00	8.6	1.6	319	AX	0.8	18	0.6	0.2	283
11/23/2023 0:30	AX	1.5	342	0.5	1.2	14	0.6	0.4	298

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
11/23/2023 0:00	10.9	1.7	162	0.5	1.0	28	0.6	0.5	355
11/22/2023 23:30	6.8	3.6	215	0.5	0.4	333	0.6	0.6	245
11/22/2023 23:00	0.2	3.9	281	0.5	0.8	328	0.6	0.3	269
11/22/2023 22:30	0.5	4.2	294	0.5	1.4	265	0.5	1.6	231
11/22/2023 22:00	0.7	7.3	328	0.5	1.8	350	0.2	1.3	329
11/22/2023 21:30	0.8	8.5	336	0.5	1.3	332	0.4	0.6	246
11/22/2023 21:00	0.6	7.0	316	0.5	1.3	318	0.4	0.4	235
11/22/2023 20:30	0.5	3.6	311	0.5	1.1	337	0.4	0.3	242
11/22/2023 20:00	0.5	5.4	329	0.5	1.0	323	0.2	0.6	294
11/22/2023 19:30	0.5	4.6	315	0.5	0.9	333	0.2	0.3	265
11/22/2023 19:00	0.4	9.3	311	0.6	2.6	342	0.4	1.2	329
11/22/2023 18:30	0.2	7.3	325	0.6	0.9	355	0.4	0.3	313
11/22/2023 18:00	0.2	4.5	320	0.6	0.8	33	0.4	0.3	326
11/22/2023 17:30	5.2	2.5	256	0.6	0.7	48	0.6	0.4	275
11/22/2023 17:00	1.2	2.9	235	0.6	1.3	279	0.6	0.7	247
11/22/2023 16:30	0.6	9.6	332	0.6	4.6	312	0.6	1.2	287
11/22/2023 16:00	2.9	4.0	11	0.7	1.6	316	0.6	1.1	332
11/22/2023 15:30	1.4	2.9	266	0.8	1.1	38	0.6	1.2	321
11/22/2023 15:00	3.2	4.4	272	1.6	3.1	282	0.7	1.0	302
11/22/2023 14:30	4.6	3.1	200	1.9	1.8	237	0.9	1.6	221
11/22/2023 14:00	1.8	2.5	227	2.2	2.6	228	1.6	2.0	218
11/22/2023 13:30	0.6	3.2	264	3.4	3.0	227	0.7	1.4	239
11/22/2023 13:00	0.5	3.2	289	1.9	2.6	240	0.7	0.9	334
11/22/2023 12:30	1.0	1.9	303	2.1	2.4	250	0.7	0.7	292
11/22/2023 12:00	1.8	2.1	305	0.8	1.4	50	0.7	0.9	254
11/22/2023 11:30	2.7	3.4	13	0.8	2.1	40	0.7	1.7	34
11/22/2023 11:00	1.2	1.9	341	0.7	1.6	1	0.6	1.1	20
11/22/2023 10:30	0.8	6.8	321	0.8	3.7	324	0.7	1.1	360
11/22/2023 10:00	0.7	4.0	316	0.8	3.1	4	0.7	2.5	358
11/22/2023 9:30	0.8	3.3	307	1.2	2.0	353	0.8	1.7	346
11/22/2023 9:00	0.7	2.7	277	1.4	2.1	311	1.1	1.2	329
11/22/2023 8:30	2.6	1.3	195	0.9	0.6	347	0.8	0.7	70
11/22/2023 8:00	1.6	1.4	203	0.9	0.9	35	0.8	0.6	15
11/22/2023 7:30	1.2	2.8	266	1.0	2.1	352	0.8	1.3	1
11/22/2023 7:00	0.7	1.3	280	1.0	1.6	9	0.9	0.8	21
11/22/2023 6:30	0.6	2.1	272	0.9	1.5	10	0.9	0.9	11
11/22/2023 6:00	0.4	2.7	292	0.7	1.5	310	0.5	0.8	327
11/22/2023 5:30	0.7	2.8	308	0.7	1.5	326	0.6	0.5	321
11/22/2023 5:00	2.8	2.6	306	0.7	1.5	350	0.5	0.9	319
11/22/2023 4:30	0.9	2.3	302	1.1	1.9	338	0.6	0.9	331
11/22/2023 4:00	3.1	0.9	193	1.1	1.0	27	0.7	0.7	355
11/22/2023 3:30	1.0	1.9	262	0.7	1.2	232	0.6	0.7	335
11/22/2023 3:00	7.9	2.3	184	0.7	0.5	147	0.7	0.8	156
11/22/2023 2:30	5.5	1.2	237	0.7	1.2	38	0.6	0.4	50
11/22/2023 2:00	5.1	2.0	174	0.7	1.5	345	0.9	0.8	0
11/22/2023 1:30	2.0	2.3	225	1.1	1.5	309	AX	0.4	38
11/22/2023 1:00	10.4	3.0	212	AX	1.3	237	0.6	0.8	277
11/22/2023 0:30	AX	3.9	270	0.8	3.5	266	0.7	0.7	226

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
11/22/2023 0:00	3.5	4.8	282	1.8	4.8	272	0.6	1.1	279
11/21/2023 23:30	3.6	4.7	241	6.2	5.4	255	0.7	1.5	257
11/21/2023 23:00	3.1	5.8	260	3.5	3.9	255	3.3	1.4	289
11/21/2023 22:30	10.3	4.2	214	6.7	3.8	217	1.4	2.3	241
11/21/2023 22:00	5.1	9.2	224	4.1	8.0	227	1.2	3.5	255
11/21/2023 21:30	9.1	9.0	171	0.8	5.2	186	0.7	3.6	194
11/21/2023 21:00	7.1	9.0	183	0.7	5.6	203	0.8	4.4	204
11/21/2023 20:30	6.5	9.7	179	0.7	5.9	196	0.7	4.2	196
11/21/2023 20:00	4.8	9.6	172	0.7	5.0	190	0.6	4.2	182
11/21/2023 19:30	1.6	10.2	174	0.6	4.7	189	0.5	4.5	187
11/21/2023 19:00	1.7	8.9	169	0.7	4.4	180	0.5	3.9	182
11/21/2023 18:30	1.3	7.9	170	0.6	5.2	188	0.6	3.4	190
11/21/2023 18:00	0.8	8.3	177	0.6	4.6	193	0.5	3.9	191
11/21/2023 17:30	0.6	8.4	175	0.6	4.6	197	0.6	3.8	194
11/21/2023 17:00	0.4	7.3	172	0.6	4.2	190	0.6	3.3	182
11/21/2023 16:30	0.4	6.3	175	0.7	2.5	190	0.8	1.8	180
11/21/2023 16:00	3.0	3.4	39	0.8	1.9	294	0.7	1.0	217
11/21/2023 15:30	0.5	3.8	142	0.8	2.1	122	0.6	2.4	155
11/21/2023 15:00	0.5	1.8	137	0.8	1.6	116	0.7	1.1	155
11/21/2023 14:30	0.6	1.9	122	0.7	1.4	104	0.7	1.0	152
11/21/2023 14:00	0.6	2.0	63	0.7	1.1	37	0.6	0.8	21
11/21/2023 13:30	0.8	2.6	103	0.6	1.0	79	0.6	1.0	86
11/21/2023 13:00	3.4	5.2	36	0.7	1.6	45	0.7	1.4	45
11/21/2023 12:30	0.6	2.4	39	0.7	1.5	12	0.6	1.1	359
11/21/2023 12:00	0.2	1.4	69	0.7	1.1	2	0.7	1.0	7
11/21/2023 11:30	0.2	3.4	75	0.6	1.2	58	0.7	1.8	78
11/21/2023 11:00	0.2	4.6	64	0.6	1.3	57	0.7	2.5	68
11/21/2023 10:30	0.6	4.5	55	0.6	1.0	39	0.6	1.5	47
11/21/2023 10:00	0.9	3.8	53	0.6	0.7	49	0.6	1.1	60
11/21/2023 9:30	8.2	6.2	29	0.6	1.7	33	0.6	1.4	27
11/21/2023 9:00	3.3	5.4	36	0.6	1.8	16	0.6	1.4	10
11/21/2023 8:30	7.0	6.2	37	0.6	1.2	50	0.4	1.6	47
11/21/2023 8:00	4.6	5.4	21	0.6	2.1	10	0.5	1.5	357
11/21/2023 7:30	0.2	2.2	51	0.6	1.1	27	0.5	0.7	22
11/21/2023 7:00	0.2	1.9	119	0.6	0.7	329	0.6	0.9	316
11/21/2023 6:30	0.2	3.9	87	0.6	1.6	67	0.5	2.5	94
11/21/2023 6:00	0.2	5.3	73	0.6	1.6	57	0.5	2.4	76
11/21/2023 5:30	0.2	7.0	60	0.6	1.4	56	0.5	3.3	67
11/21/2023 5:00	0.4	7.0	57	0.5	1.5	58	0.6	2.6	52
11/21/2023 4:30	0.2	7.5	57	0.5	1.7	49	0.6	2.2	47
11/21/2023 4:00	0.6	7.7	50	0.5	1.6	56	0.5	2.3	46
11/21/2023 3:30	0.9	7.9	37	0.5	1.3	50	0.5	2.5	41
11/21/2023 3:00	1.3	9.8	34	0.5	1.8	50	0.4	2.6	35
11/21/2023 2:30	7.4	7.3	30	0.6	1.6	34	0.5	2.2	16
11/21/2023 2:00	7.0	8.2	28	0.6	1.6	33	0.7	2.3	11
11/21/2023 1:30	3.6	6.6	29	0.8	0.9	21	AX	1.9	4
11/21/2023 1:00	0.4	6.0	57	AX	1.8	38	0.2	2.7	45
11/21/2023 0:30	AX	7.3	74	0.5	2.3	77	0.4	3.2	66

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
11/21/2023 0:00	0.2	6.1	71	0.5	2.0	65	0.4	2.3	63
11/20/2023 23:30	0.2	5.6	77	0.5	1.8	74	0.4	3.3	72
11/20/2023 23:00	0.2	5.3	73	0.6	1.9	65	0.4	3.3	78
11/20/2023 22:30	0.2	5.2	74	0.5	1.8	61	0.5	3.3	66
11/20/2023 22:00	0.2	5.9	66	0.6	1.6	62	0.4	3.1	67
11/20/2023 21:30	0.2	5.4	64	0.5	1.9	57	0.4	3.2	65
11/20/2023 21:00	1.0	3.9	64	0.5	1.6	56	0.2	2.7	69
11/20/2023 20:30	9.8	2.3	63	0.4	1.0	41	0.2	0.7	23
11/20/2023 20:00	2.6	3.5	60	0.5	1.4	34	0.2	0.7	43
11/20/2023 19:30	17.5	1.8	81	0.4	1.2	23	0.2	0.5	14
11/20/2023 19:00	0.2	1.4	61	0.6	1.3	29	0.2	0.7	43
11/20/2023 18:30	3.6	1.6	175	0.6	0.8	52	0.4	0.5	360
11/20/2023 18:00	0.2	1.1	160	0.5	0.5	30	0.5	0.4	306
11/20/2023 17:30	0.2	2.2	98	0.5	0.7	56	0.4	0.4	98
11/20/2023 17:00	0.2	2.7	82	0.5	0.7	80	0.2	0.9	73
11/20/2023 16:30	0.2	4.7	65	0.5	1.0	73	0.2	1.9	59
11/20/2023 16:00	0.2	7.1	46	0.4	1.7	63	0.2	3.1	55
11/20/2023 15:30	0.2	6.7	56	0.4	2.5	64	0.2	2.4	69
11/20/2023 15:00	0.4	8.1	47	0.4	2.6	55	0.2	3.7	60
11/20/2023 14:30	0.2	7.7	56	0.5	2.4	71	0.2	4.5	57
11/20/2023 14:00	0.2	8.8	47	0.4	3.4	62	0.2	4.2	66
11/20/2023 13:30	0.2	6.0	76	0.4	2.1	71	0.2	4.5	57
11/20/2023 13:00	0.2	5.4	55	0.4	3.2	91	0.2	3.0	88
11/20/2023 12:30	0.2	6.3	68	0.4	3.2	78	0.2	4.2	61
11/20/2023 12:00	0.4	7.5	64	0.5	3.4	70	0.2	4.6	64
11/20/2023 11:30	0.2	8.7	49	0.5	3.3	56	0.2	4.0	57
11/20/2023 11:00	0.2	6.5	57	0.5	2.2	60	0.4	3.4	59
11/20/2023 10:30	0.2	5.2	78	0.7	1.9	53	0.5	3.5	71
11/20/2023 10:00	2.7	6.3	40	0.7	1.8	41	0.6	2.7	54
11/20/2023 9:30	7.0	6.4	24	0.7	2.3	13	0.6	1.7	16
11/20/2023 9:00	6.6	5.6	35	0.7	1.4	36	0.5	1.5	10
11/20/2023 8:30	13.3	4.3	22	0.7	1.3	16	0.5	1.0	339
11/20/2023 8:00	1.5	4.3	39	0.7	1.0	35	0.5	1.4	357
11/20/2023 7:30	2.6	4.1	46	0.7	1.1	19	0.5	1.6	7
11/20/2023 7:00	1.2	3.8	49	0.7	1.2	52	0.5	0.7	72
11/20/2023 6:30	1.0	4.1	50	0.7	1.2	26	0.2	0.6	331
11/20/2023 6:00	6.9	1.9	81	0.6	0.9	19	0.2	0.5	5
11/20/2023 5:30	3.1	1.3	152	0.6	0.9	29	0.5	0.4	240
11/20/2023 5:00	5.8	1.4	63	0.6	0.8	43	0.5	0.7	350
11/20/2023 4:30	4.4	1.6	107	0.6	1.1	42	0.6	0.5	66
11/20/2023 4:00	8.2	1.6	229	0.6	0.8	298	0.5	0.6	277
11/20/2023 3:30	4.5	1.4	49	0.6	0.7	17	0.4	0.4	355
11/20/2023 3:00	6.7	1.3	165	0.6	0.5	33	0.5	0.7	252
11/20/2023 2:30	4.7	1.8	73	0.7	0.5	13	0.7	0.5	287
11/20/2023 2:00	6.4	1.7	69	0.7	0.7	13	0.9	0.8	300
11/20/2023 1:30	9.6	0.9	163	0.9	0.4	346	AX	0.4	290
11/20/2023 1:00	0.7	1.7	47	AX	0.8	24	0.2	0.4	48
11/20/2023 0:30	AX	1.5	73	0.6	1.0	23	0.4	0.7	52

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
11/20/2023 0:00	5.4	1.3	171	0.6	0.8	7	0.5	0.5	14
11/19/2023 23:30	7.4	1.0	158	0.6	0.7	33	0.2	0.5	1
11/19/2023 23:00	6.7	1.1	184	0.5	0.6	21	0.2	0.3	330
11/19/2023 22:30	4.0	1.7	169	0.4	0.7	350	0.4	0.4	316
11/19/2023 22:00	4.5	1.5	102	0.4	1.2	38	0.5	0.7	11
11/19/2023 21:30	2.0	1.6	203	0.5	0.6	13	0.2	0.3	346
11/19/2023 21:00	1.9	1.3	189	0.5	0.5	6	0.2	0.4	359
11/19/2023 20:30	2.9	1.2	181	0.5	0.5	30	0.2	0.5	2
11/19/2023 20:00	2.3	1.5	190	0.5	0.3	43	0.2	0.2	15
11/19/2023 19:30	0.2	2.3	217	0.5	0.4	29	0.2	0.4	345
11/19/2023 19:00	0.2	2.1	207	0.6	0.2	4	0.4	0.3	359
11/19/2023 18:30	0.6	1.2	203	0.6	0.3	31	0.4	0.3	7
11/19/2023 18:00	16.2	1.8	141	0.6	0.5	56	0.6	0.4	58
11/19/2023 17:30	11.9	2.0	107	0.5	0.7	61	0.6	0.4	31
11/19/2023 17:00	0.2	2.4	85	0.5	0.9	72	0.4	0.5	73
11/19/2023 16:30	0.4	2.6	97	0.5	1.3	85	0.2	1.6	49
11/19/2023 16:00	0.5	2.2	9	0.5	1.3	50	0.2	1.0	46
11/19/2023 15:30	0.4	1.9	344	0.5	1.9	144	0.2	1.8	69
11/19/2023 15:00	0.2	2.4	350	0.5	2.3	162	0.2	1.1	290
11/19/2023 14:30	0.2	2.9	358	0.5	2.6	48	0.2	2.4	141
11/19/2023 14:00	0.2	3.5	28	0.5	1.9	224	0.2	1.9	25
11/19/2023 13:30	0.2	3.2	8	0.4	2.1	196	0.4	2.1	45
11/19/2023 13:00	0.2	5.1	27	0.4	2.3	119	0.4	2.7	23
11/19/2023 12:30	0.2	5.3	28	0.5	2.0	84	0.4	2.5	36
11/19/2023 12:00	0.2	6.1	40	0.5	3.0	51	0.4	3.3	51
11/19/2023 11:30	0.2	5.0	59	0.5	2.6	79	0.4	3.3	55
11/19/2023 11:00	0.4	4.4	74	0.5	2.4	79	0.2	3.1	64
11/19/2023 10:30	0.2	5.1	58	0.6	1.9	94	0.4	4.0	82
11/19/2023 10:00	0.2	7.1	65	0.7	2.3	66	0.2	4.0	63
11/19/2023 9:30	0.2	7.0	69	0.7	2.6	68	0.2	3.9	61
11/19/2023 9:00	0.8	7.4	31	0.6	1.9	10	0.7	2.0	27
11/19/2023 8:30	1.1	5.5	48	0.6	1.3	348	0.7	0.5	26
11/19/2023 8:00	3.5	5.4	45	0.4	1.0	14	0.6	0.3	83
11/19/2023 7:30	8.9	4.5	28	0.4	0.6	41	0.5	0.4	37
11/19/2023 7:00	5.8	3.9	32	0.4	0.6	20	0.5	0.2	333
11/19/2023 6:30	0.6	5.8	45	0.4	0.4	42	0.4	0.5	14
11/19/2023 6:00	5.9	5.4	38	0.5	0.3	61	0.4	0.6	27
11/19/2023 5:30	0.7	6.9	40	0.5	0.4	26	0.5	1.1	9
11/19/2023 5:00	1.4	6.1	47	0.5	0.6	30	0.6	0.4	19
11/19/2023 4:30	8.0	4.6	29	0.5	0.5	59	0.5	1.2	30
11/19/2023 4:00	13.1	7.7	14	0.6	0.7	58	0.5	2.4	7
11/19/2023 3:30	10.2	8.6	15	0.7	1.1	59	0.6	3.4	6
11/19/2023 3:00	9.8	8.9	15	0.8	1.2	54	0.6	3.4	5
11/19/2023 2:30	11.5	7.7	25	0.8	1.2	57	1.3	2.6	12
11/19/2023 2:00	9.4	9.1	24	1.5	1.8	52	BF	2.7	13
11/19/2023 1:30	1.4	9.4	35	BF	1.9	49	BF	3.0	25
11/19/2023 1:00	BF	8.7	32	BF	1.5	52	0.4	2.5	23
11/19/2023 0:30	BF	11.3	19	0.6	2.2	47	0.5	3.1	15

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
11/19/2023 0:00	10.5	9.9	17	0.6	1.4	49	0.2	3.3	9
11/18/2023 23:30	11.9	8.9	15	0.6	1.5	53	0.2	3.7	6
11/18/2023 23:00	16.2	7.2	19	0.5	1.1	63	0.2	2.8	10
11/18/2023 22:30	4.4	8.2	29	0.6	1.0	76	0.2	2.9	19
11/18/2023 22:00	10.0	7.3	35	0.6	0.8	92	0.2	2.7	19
11/18/2023 21:30	25.5	4.4	25	0.6	0.7	66	0.4	2.1	5
11/18/2023 21:00	0.2	6.3	38	0.6	0.5	64	0.4	1.7	36
11/18/2023 20:30	0.9	5.4	51	0.6	0.3	89	0.5	1.3	30
11/18/2023 20:00	0.6	6.0	56	0.6	0.3	81	0.5	1.9	26
11/18/2023 19:30	1.5	3.8	48	0.7	0.2	70	0.2	1.3	21
11/18/2023 19:00	5.2	1.1	117	0.6	0.6	46	0.2	1.3	31
11/18/2023 18:30	1.0	2.0	191	0.6	0.7	40	0.2	0.6	4
11/18/2023 18:00	2.3	1.1	167	0.6	0.4	45	0.5	0.3	9
11/18/2023 17:30	13.8	4.9	38	0.6	0.6	67	0.4	1.3	37
11/18/2023 17:00	12.3	6.9	16	0.6	2.2	24	0.2	2.0	14
11/18/2023 16:30	2.2	8.2	10	0.6	2.9	25	0.2	2.4	21
11/18/2023 16:00	1.5	9.2	2	0.6	4.2	20	0.5	4.1	20
11/18/2023 15:30	1.2	8.4	346	0.5	4.5	4	0.2	3.1	11
11/18/2023 15:00	1.5	7.8	5	0.6	4.2	344	0.2	3.2	357
11/18/2023 14:30	0.7	8.9	341	0.6	3.8	14	0.2	3.3	11
11/18/2023 14:00	1.2	8.2	15	0.5	5.2	340	0.2	3.4	10
11/18/2023 13:30	0.9	8.3	358	0.6	5.0	333	0.2	4.4	359
11/18/2023 13:00	1.1	11.7	14	0.6	4.8	3	0.8	4.3	5
11/18/2023 12:30	1.4	13.0	14	0.6	4.7	7	0.7	3.1	356
11/18/2023 12:00	1.2	10.0	8	0.6	2.9	22	0.8	3.3	357
11/18/2023 11:30	1.9	9.0	1	0.6	4.8	351	0.8	4.5	15
11/18/2023 11:00	2.4	9.8	13	0.7	4.8	357	0.8	5.2	359
11/18/2023 10:30	2.2	10.5	17	0.6	3.5	8	0.7	3.0	358
11/18/2023 10:00	6.0	9.5	20	0.6	3.7	18	0.6	3.3	9
11/18/2023 9:30	12.0	6.5	33	0.7	2.6	360	0.7	3.4	8
11/18/2023 9:00	8.6	5.4	39	0.7	0.8	30	0.7	1.8	0
11/18/2023 8:30	4.2	1.2	76	0.8	1.0	31	0.2	1.1	30
11/18/2023 8:00	2.6	0.7	69	0.8	1.0	30	0.6	0.7	31
11/18/2023 7:30	0.9	0.8	140	0.7	0.6	51	0.6	0.6	30
11/18/2023 7:00	1.0	1.3	189	0.7	0.6	44	0.4	0.3	60
11/18/2023 6:30	1.2	1.3	201	0.7	0.3	16	0.8	0.5	24
11/18/2023 6:00	2.3	1.6	209	0.7	0.2	18	0.6	0.3	323
11/18/2023 5:30	3.2	2.4	201	0.7	0.5	36	0.5	0.2	32
11/18/2023 5:00	3.5	2.3	204	0.6	0.4	323	0.6	0.2	43
11/18/2023 4:30	3.9	1.0	150	0.7	0.9	48	0.7	0.8	7
11/18/2023 4:00	4.0	1.8	208	0.8	0.4	279	0.7	0.4	185
11/18/2023 3:30	7.1	2.0	70	0.8	1.0	52	0.6	0.3	63
11/18/2023 3:00	7.6	2.4	40	0.8	0.9	14	0.6	0.5	338
11/18/2023 2:30	5.9	2.3	42	0.7	0.9	22	0.8	0.4	41
11/18/2023 2:00	8.6	1.7	54	0.7	0.9	45	0.9	0.7	331
11/18/2023 1:30	5.6	1.7	75	0.8	1.4	38	AX	0.6	23
11/18/2023 1:00	2.9	1.3	110	AX	0.7	45	0.4	0.5	60
11/18/2023 0:30	AX	1.4	233	0.6	1.2	85	0.5	0.5	41



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
11/18/2023 0:00	2.7	1.9	345	0.6	1.4	13	0.6	0.6	356
11/17/2023 23:30	1.4	1.3	198	0.6	0.7	57	0.6	0.6	30
11/17/2023 23:00	2.5	1.1	157	0.6	0.4	18	0.7	0.5	50
11/17/2023 22:30	1.8	1.0	206	0.6	0.3	26	0.5	0.4	27
11/17/2023 22:00	0.6	1.6	213	0.7	0.3	32	0.5	0.4	2
11/17/2023 21:30	1.0	2.5	214	0.7	0.4	274	0.4	0.5	285
11/17/2023 21:00	1.5	0.9	160	0.7	0.4	27	0.6	0.3	87
11/17/2023 20:30	0.9	1.0	192	0.6	0.6	28	0.5	0.6	21
11/17/2023 20:00	1.2	1.4	200	0.6	0.3	21	0.5	0.3	40
11/17/2023 19:30	1.4	1.7	183	0.6	0.5	72	0.4	0.4	342
11/17/2023 19:00	1.2	1.2	192	0.6	0.8	69	0.4	0.5	314
11/17/2023 18:30	1.0	0.6	246	0.6	0.4	40	0.4	0.5	314
11/17/2023 18:00	0.4	2.3	106	0.6	0.9	71	0.6	0.9	356
11/17/2023 17:30	0.4	2.5	121	0.6	1.0	86	0.6	0.6	117
11/17/2023 17:00	0.2	1.5	78	0.6	0.3	49	0.2	0.5	16
11/17/2023 16:30	0.2	3.4	52	0.5	0.5	30	0.5	0.8	42
11/17/2023 16:00	0.2	2.9	58	0.5	0.7	48	0.6	1.4	57
11/17/2023 15:30	0.2	2.7	64	0.5	0.9	63	0.5	1.7	45
11/17/2023 15:00	0.2	3.1	47	0.6	1.3	66	0.5	1.8	67
11/17/2023 14:30	0.4	2.7	38	0.6	1.7	72	0.6	2.0	57
11/17/2023 14:00	0.2	3.5	73	0.5	1.7	59	0.2	1.7	84
11/17/2023 13:30	0.4	3.3	38	0.5	2.1	56	0.6	2.3	77
11/17/2023 13:00	0.2	4.7	76	0.5	2.2	109	0.2	2.0	108
11/17/2023 12:30	0.2	2.8	92	0.5	1.7	93	0.6	2.2	94
11/17/2023 12:00	0.2	4.1	64	0.5	1.2	91	0.6	2.1	90
11/17/2023 11:30	0.9	4.5	40	0.5	1.7	60	0.5	2.9	60
11/17/2023 11:00	2.7	7.1	29	0.5	2.1	37	0.6	1.3	40
11/17/2023 10:30	0.5	6.9	32	0.5	2.6	40	0.5	2.7	55
11/17/2023 10:00	0.2	5.0	63	0.5	1.6	81	0.6	2.0	66
11/17/2023 9:30	7.9	5.8	32	0.5	2.4	28	0.4	2.5	20
11/17/2023 9:00	7.8	4.0	11	0.6	1.9	346	0.2	1.7	28
11/17/2023 8:30	4.3	4.6	55	0.7	1.6	57	0.2	2.3	69
11/17/2023 8:00	14.3	5.4	23	0.7	1.7	38	0.5	1.5	359
11/17/2023 7:30	9.1	1.7	7	0.7	1.3	33	0.2	1.1	333
11/17/2023 7:00	1.6	3.8	41	0.6	0.8	56	0.6	1.0	13
11/17/2023 6:30	19.8	2.6	40	0.7	0.5	45	0.4	0.8	352
11/17/2023 6:00	15.0	2.9	32	0.6	0.7	43	0.2	0.7	339
11/17/2023 5:30	0.6	2.2	42	0.6	0.8	332	0.4	0.5	270
11/17/2023 5:00	5.3	3.6	55	0.6	1.0	90	0.5	1.2	29
11/17/2023 4:30	22.6	3.3	22	0.6	0.5	2	0.8	1.2	359
11/17/2023 4:00	17.4	3.9	31	0.6	0.5	33	0.6	0.6	24
11/17/2023 3:30	15.7	2.9	53	0.6	0.7	58	0.4	0.9	348
11/17/2023 3:00	6.5	1.0	288	0.5	0.8	28	0.4	0.9	353
11/17/2023 2:30	1.9	0.9	68	0.5	0.5	319	0.4	0.4	265
11/17/2023 2:00	4.9	1.4	56	0.6	0.7	34	0.7	0.3	10
11/17/2023 1:30	2.6	1.1	37	0.7	0.8	6	AX	0.4	70
11/17/2023 1:00	3.3	2.0	68	AX	0.6	38	0.7	0.4	56
11/17/2023 0:30	AX	2.4	49	0.6	0.9	345	0.5	0.5	9

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