



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 15, 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
11/08/2024 00:00	11/14/2024 23:59	2.2	0.3	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

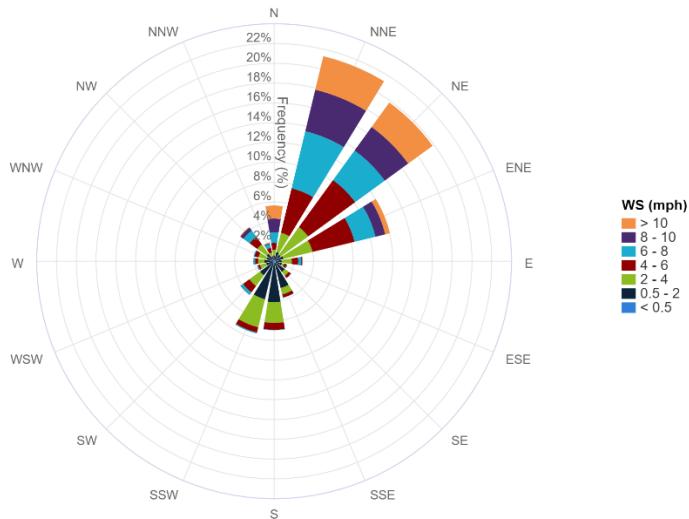
Attachments:

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 11/08/2024 00:00 to 11/14/2024 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
11/02/2024 00:00	11/08/2024 23:59	1.7	0.3	0.3	11/08/2024	2.3	0.4	0.3
11/03/2024 00:00	11/09/2024 23:59	1.8	0.3	0.3	11/09/2024	2.4	0.2	0.2
11/04/2024 00:00	11/10/2024 23:59	1.9	0.3	0.3	11/10/2024	1.8	0.3	0.2
11/05/2024 00:00	11/11/2024 23:59	1.8	0.4	0.4	11/11/2024	1.0	0.7	0.7
11/06/2024 00:00	11/12/2024 23:59	2.2	0.4	0.4	11/12/2024	4.9	0.2	0.2
11/07/2024 00:00	11/13/2024 23:59	2.2	0.3	0.3	11/13/2024	1.8	0.2	0.2
11/08/2024 00:00	11/14/2024 23:59	2.2	0.3	0.3	11/14/2024	1.4	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
11/15/2024 0:00	2.6	7.2	321	0.2	2.6	327	0.2	2.1	346
11/14/2024 23:30	2.8	6.5	315	0.2	2.3	333	0.2	1.7	329
11/14/2024 23:00	1.4	6.4	332	0.2	3.6	345	0.2	2.7	353
11/14/2024 22:30	1.5	6.5	337	0.2	3.5	345	0.2	3.0	356
11/14/2024 22:00	2.9	7.3	7	0.2	3.2	348	0.2	3.1	349
11/14/2024 21:30	2.4	9.3	8	0.2	3.8	355	0.2	3.6	357
11/14/2024 21:00	2.6	8.2	8	0.2	2.7	344	0.2	2.3	353
11/14/2024 20:30	2.5	10.5	7	0.2	3.6	356	0.2	3.5	358
11/14/2024 20:00	1.8	10.7	11	0.2	3.9	356	0.2	3.7	358
11/14/2024 19:30	1.9	11.0	9	0.2	3.6	359	0.2	4.3	354
11/14/2024 19:00	3.1	9.1	6	0.2	3.0	3	0.2	2.9	355
11/14/2024 18:30	2.2	11.0	7	0.2	3.7	10	0.2	3.2	4
11/14/2024 18:00	2.7	11.7	8	0.2	4.2	5	0.2	3.9	357
11/14/2024 17:30	2.8	11.1	7	0.2	3.3	10	0.2	3.4	357
11/14/2024 17:00	3.7	8.4	8	0.2	3.2	14	0.2	4.1	360
11/14/2024 16:30	3.0	8.3	6	0.2	3.0	14	0.2	2.9	5
11/14/2024 16:00	2.8	8.1	7	0.2	3.0	17	0.2	2.9	0
11/14/2024 15:30	1.7	8.9	354	0.2	4.7	353	0.2	3.2	356
11/14/2024 15:00	0.9	8.4	326	0.2	4.4	346	0.2	3.5	347
11/14/2024 14:30	1.4	6.2	327	0.2	3.5	341	0.2	2.8	346
11/14/2024 14:00	1.5	5.8	314	0.4	3.1	319	0.2	1.3	331
11/14/2024 13:30	1.3	4.0	299	0.5	2.2	295	0.2	0.9	281
11/14/2024 13:00	0.2	4.0	119	0.2	1.2	79	0.2	1.5	104
11/14/2024 12:30	0.2	3.6	128	0.2	1.6	88	0.2	1.7	143
11/14/2024 12:00	0.2	4.0	108	0.2	1.6	103	0.2	1.8	112
11/14/2024 11:30	0.2	5.0	87	0.2	2.5	78	0.2	3.2	79
11/14/2024 11:00	0.2	4.9	83	0.2	1.7	68	0.2	2.9	68
11/14/2024 10:30	0.2	4.4	54	0.2	2.0	57	0.2	2.4	55
11/14/2024 10:00	0.2	7.5	57	0.2	1.9	60	0.2	3.0	55
11/14/2024 9:30	0.2	6.0	54	0.2	1.9	52	0.2	2.8	47
11/14/2024 9:00	0.2	6.6	61	0.2	2.1	49	0.2	2.7	45
11/14/2024 8:30	0.2	6.6	71	0.2	1.9	74	0.2	3.8	66
11/14/2024 8:00	0.2	7.0	69	0.2	1.9	73	0.2	3.2	57
11/14/2024 7:30	0.2	5.6	72	0.2	1.3	59	0.2	2.9	61
11/14/2024 7:00	0.7	6.9	54	0.2	1.2	66	0.2	2.3	48
11/14/2024 6:30	1.5	6.8	29	0.2	1.2	41	0.2	1.7	22
11/14/2024 6:00	2.5	8.0	25	0.2	1.8	28	0.2	2.4	19
11/14/2024 5:30	1.7	9.7	32	0.2	1.8	43	0.2	2.8	26
11/14/2024 5:00	0.4	7.8	50	0.2	1.7	47	0.2	2.3	31
11/14/2024 4:30	0.4	7.2	58	0.2	1.3	50	0.2	2.3	42
11/14/2024 4:00	0.4	6.9	56	0.2	1.6	57	0.2	2.2	41
11/14/2024 3:30	0.4	6.0	56	0.2	1.5	52	0.2	2.5	47
11/14/2024 3:00	0.2	5.2	63	0.2	1.3	44	0.2	1.7	44
11/14/2024 2:30	0.5	3.3	75	0.2	1.2	22	0.2	0.9	30
11/14/2024 2:00	0.7	4.5	65	0.2	1.4	39	0.4	1.7	41
11/14/2024 1:30	1.1	4.5	60	0.6	1.6	39	AX	1.6	44
11/14/2024 1:00	1.9	4.1	63	AX	1.0	31	0.2	1.5	48
11/14/2024 0:30	AX	4.8	54	0.2	1.5	28	0.2	1.5	44

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
11/14/2024 0:00	5.0	4.8	38	0.2	0.8	68	0.2	0.6	308
11/13/2024 23:30	2.9	4.3	48	0.2	1.0	30	0.2	1.0	337
11/13/2024 23:00	2.5	2.9	16	0.2	1.0	2	0.2	0.9	302
11/13/2024 22:30	2.8	5.1	32	0.2	1.4	60	0.2	1.1	39
11/13/2024 22:00	1.8	5.1	31	0.2	1.9	42	0.2	1.7	67
11/13/2024 21:30	2.4	4.8	58	0.2	1.4	45	0.2	0.8	56
11/13/2024 21:00	0.6	1.6	173	0.2	0.6	62	0.2	0.4	320
11/13/2024 20:30	0.5	2.0	199	0.2	0.6	7	0.2	0.3	281
11/13/2024 20:00	2.0	1.5	68	0.2	1.0	21	0.2	0.5	271
11/13/2024 19:30	3.0	4.5	37	0.2	1.2	34	0.2	1.1	54
11/13/2024 19:00	2.1	6.1	29	0.2	1.0	39	0.2	0.8	25
11/13/2024 18:30	3.4	4.6	35	0.2	0.8	26	0.2	0.4	346
11/13/2024 18:00	1.1	4.3	43	0.2	0.7	32	0.2	0.8	0
11/13/2024 17:30	0.2	5.0	63	0.2	0.9	65	0.2	1.4	26
11/13/2024 17:00	0.2	5.2	69	0.2	1.8	77	0.2	2.6	50
11/13/2024 16:30	0.2	8.0	63	0.2	2.5	71	0.2	3.4	53
11/13/2024 16:00	0.2	9.2	50	0.2	2.1	65	0.2	3.7	49
11/13/2024 15:30	0.2	6.8	50	0.2	2.8	69	0.2	3.7	49
11/13/2024 15:00	0.2	7.7	40	0.2	2.9	75	0.2	3.0	37
11/13/2024 14:30	0.2	8.1	52	0.2	2.9	71	0.2	4.0	47
11/13/2024 14:00	0.2	8.2	50	0.2	2.7	67	0.2	3.9	38
11/13/2024 13:30	0.2	9.2	35	0.2	2.6	82	0.2	4.1	43
11/13/2024 13:00	0.2	7.6	44	0.2	2.7	79	0.2	3.3	48
11/13/2024 12:30	0.4	8.7	34	0.2	3.4	69	0.2	3.5	24
11/13/2024 12:00	0.2	10.3	43	0.2	3.8	63	0.2	5.1	36
11/13/2024 11:30	0.4	10.2	30	0.2	3.0	63	0.2	3.9	34
11/13/2024 11:00	0.4	10.1	37	0.2	3.4	45	0.2	3.5	40
11/13/2024 10:30	0.5	10.2	26	0.2	3.3	52	0.2	3.4	46
11/13/2024 10:00	0.6	12.1	27	0.2	3.1	41	0.2	4.1	38
11/13/2024 9:30	0.4	11.4	30	0.2	2.9	66	0.2	4.5	35
11/13/2024 9:00	0.8	10.9	32	0.2	2.5	57	0.2	3.2	33
11/13/2024 8:30	1.1	9.6	28	0.2	2.0	26	0.2	2.5	20
11/13/2024 8:00	1.0	8.0	31	0.2	1.2	60	0.2	2.7	19
11/13/2024 7:30	1.3	7.9	39	0.2	1.2	61	0.2	2.1	17
11/13/2024 7:00	7.5	3.8	15	0.2	0.4	10	0.2	0.9	337
11/13/2024 6:30	1.9	6.1	21	0.2	0.4	353	0.2	1.4	357
11/13/2024 6:00	1.7	5.3	29	0.2	0.5	122	0.2	1.9	6
11/13/2024 5:30	1.9	7.2	28	0.2	0.8	75	0.2	1.9	13
11/13/2024 5:00	2.6	7.0	30	0.2	0.6	83	0.2	2.1	14
11/13/2024 4:30	8.2	4.8	23	0.2	0.5	25	0.2	1.0	6
11/13/2024 4:00	2.3	5.0	35	0.2	0.3	50	0.2	0.5	335
11/13/2024 3:30	2.5	5.5	35	0.2	0.4	61	0.2	1.4	6
11/13/2024 3:00	8.4	5.0	19	0.2	0.5	53	0.2	1.1	11
11/13/2024 2:30	4.5	5.2	19	0.2	0.5	25	0.2	0.5	291
11/13/2024 2:00	1.1	3.8	38	0.2	0.5	38	0.2	1.4	357
11/13/2024 1:30	1.0	5.5	53	0.2	1.2	38	AX	2.4	24
11/13/2024 1:00	1.7	6.5	58	AX	1.6	54	0.2	2.3	27
11/13/2024 0:30	AX	6.3	59	0.2	1.5	51	0.2	2.4	27

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
11/13/2024 0:00	0.4	5.8	59	0.2	1.4	58	0.2	2.7	40
11/12/2024 23:30	0.9	1.8	89	0.2	0.9	42	0.2	1.0	350
11/12/2024 23:00	0.8	0.8	162	0.2	1.0	27	0.2	0.3	324
11/12/2024 22:30	1.1	1.1	178	0.2	0.7	23	0.2	0.3	312
11/12/2024 22:00	1.2	1.7	199	0.2	1.1	9	0.2	0.2	279
11/12/2024 21:30	0.8	1.0	174	0.2	1.1	21	0.2	0.3	285
11/12/2024 21:00	0.9	1.0	106	0.2	1.2	5	0.2	0.3	29
11/12/2024 20:30	0.8	1.0	165	0.2	1.4	24	0.2	0.4	347
11/12/2024 20:00	0.2	1.2	176	0.2	0.8	47	0.2	0.2	336
11/12/2024 19:30	0.2	1.4	189	0.2	1.3	43	0.2	0.2	324
11/12/2024 19:00	1.0	2.8	61	0.2	0.8	31	0.2	0.3	4
11/12/2024 18:30	1.1	3.1	53	0.2	0.8	42	0.2	0.7	46
11/12/2024 18:00	0.5	4.6	44	0.2	0.5	68	0.2	1.1	32
11/12/2024 17:30	0.2	7.2	53	0.2	0.9	72	0.2	2.2	29
11/12/2024 17:00	1.0	7.7	45	0.2	1.4	64	0.2	2.3	29
11/12/2024 16:30	1.4	11.5	36	0.2	2.2	60	0.2	2.2	31
11/12/2024 16:00	1.6	8.5	23	0.2	3.5	20	0.2	2.5	26
11/12/2024 15:30	0.9	10.2	26	0.2	3.5	16	0.2	3.3	14
11/12/2024 15:00	1.1	8.1	17	0.2	2.9	50	0.2	3.5	22
11/12/2024 14:30	0.6	6.9	23	0.2	3.1	38	0.2	2.1	23
11/12/2024 14:00	0.5	6.5	16	0.2	4.3	356	0.2	3.6	17
11/12/2024 13:30	1.0	6.4	13	0.2	3.5	25	0.2	2.3	10
11/12/2024 13:00	1.0	7.2	28	0.2	3.8	18	0.2	3.7	19
11/12/2024 12:30	1.5	10.3	22	0.2	4.0	9	0.2	4.0	16
11/12/2024 12:00	0.7	11.0	35	0.2	3.6	39	0.2	4.0	30
11/12/2024 11:30	1.6	12.6	26	0.2	3.4	40	0.2	4.3	27
11/12/2024 11:00	0.7	10.7	41	0.2	3.3	43	0.2	4.5	24
11/12/2024 10:30	0.8	12.4	40	0.2	2.9	55	0.2	3.7	41
11/12/2024 10:00	1.0	9.5	36	0.2	1.7	49	0.2	3.5	33
11/12/2024 9:30	1.3	8.5	33	0.2	1.4	25	0.2	2.5	31
11/12/2024 9:00	2.1	5.6	31	0.2	0.8	27	0.2	1.2	6
11/12/2024 8:30	2.3	4.0	40	0.2	0.4	5	0.2	0.3	21
11/12/2024 8:00	10.6	1.7	48	0.2	0.3	349	0.2	0.2	51
11/12/2024 7:30	11.8	2.8	34	0.2	0.2	329	0.2	0.2	311
11/12/2024 7:00	12.0	2.5	37	0.2	0.2	321	0.2	0.2	275
11/12/2024 6:30	12.7	2.8	24	0.2	0.4	313	0.2	0.4	243
11/12/2024 6:00	9.3	3.9	20	0.2	0.3	81	0.2	0.8	70
11/12/2024 5:30	4.2	7.5	39	0.2	0.8	40	0.2	2.1	8
11/12/2024 5:00	7.8	8.0	41	0.2	0.8	29	0.2	0.3	153
11/12/2024 4:30	8.6	3.2	61	0.2	1.5	64	0.2	0.5	28
11/12/2024 4:00	7.4	4.2	51	0.2	2.1	32	0.2	0.6	27
11/12/2024 3:30	8.8	2.7	51	0.2	1.7	29	0.2	0.7	22
11/12/2024 3:00	10.8	2.5	34	0.2	0.9	38	0.2	0.7	60
11/12/2024 2:30	18.4	1.4	57	0.2	1.3	44	0.2	0.6	20
11/12/2024 2:00	16.2	1.6	29	0.2	1.0	42	0.5	1.4	5
11/12/2024 1:30	25.0	1.9	38	0.2	1.0	51	AX	0.8	36
11/12/2024 1:00	34.6	0.8	304	AX	0.3	38	0.5	0.6	19
11/12/2024 0:30	AX	0.8	14	0.2	0.4	34	0.2	0.5	339

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
11/12/2024 0:00	8.6	0.9	11	0.2	0.4	30	0.2	0.4	12
11/11/2024 23:30	5.2	1.6	80	0.2	0.6	32	0.4	0.4	14
11/11/2024 23:00	0.8	1.1	50	0.2	1.1	43	0.2	0.7	6
11/11/2024 22:30	0.2	1.3	195	0.2	0.3	30	0.2	0.6	345
11/11/2024 22:00	0.4	1.9	203	0.2	0.2	64	0.2	0.8	224
11/11/2024 21:30	0.2	1.9	186	0.2	0.4	38	0.2	0.6	19
11/11/2024 21:00	0.2	1.8	194	0.2	0.5	352	0.2	0.7	210
11/11/2024 20:30	1.3	1.2	188	0.2	0.4	37	0.2	0.4	28
11/11/2024 20:00	0.2	1.7	150	0.2	0.5	46	0.2	0.5	53
11/11/2024 19:30	0.2	1.5	186	0.2	0.2	68	0.2	0.3	41
11/11/2024 19:00	0.2	2.0	214	0.2	0.9	5	1.2	0.6	304
11/11/2024 18:30	0.2	1.6	197	0.2	1.2	178	1.8	0.8	195
11/11/2024 18:00	0.4	1.7	195	0.4	1.0	64	2.6	0.6	288
11/11/2024 17:30	0.4	1.9	186	0.2	1.8	183	1.3	0.5	226
11/11/2024 17:00	0.5	2.1	194	0.2	2.6	218	1.1	0.8	264
11/11/2024 16:30	0.4	3.6	194	0.2	2.8	218	2.2	1.6	209
11/11/2024 16:00	0.5	3.2	210	0.4	2.9	222	0.4	1.3	176
11/11/2024 15:30	0.4	3.5	214	1.7	3.3	243	0.2	1.1	243
11/11/2024 15:00	0.4	4.0	253	1.6	3.4	234	0.2	1.1	224
11/11/2024 14:30	0.4	3.0	245	2.7	3.4	256	0.2	0.9	274
11/11/2024 14:00	0.6	3.1	260	0.9	3.9	274	0.2	1.2	258
11/11/2024 13:30	0.6	5.9	271	1.9	4.8	272	0.2	1.4	272
11/11/2024 13:00	0.5	5.4	237	2.6	5.1	242	0.2	2.5	252
11/11/2024 12:30	0.7	5.9	232	1.6	4.8	237	0.5	2.1	253
11/11/2024 12:00	0.6	6.1	222	0.4	5.0	234	1.0	2.5	235
11/11/2024 11:30	0.6	4.1	208	0.2	3.7	217	1.5	1.4	226
11/11/2024 11:00	0.7	4.1	210	0.6	3.8	220	1.9	2.2	244
11/11/2024 10:30	0.7	3.9	200	0.2	3.5	223	2.6	1.4	225
11/11/2024 10:00	0.7	3.3	201	0.2	3.1	221	3.1	1.5	194
11/11/2024 9:30	0.7	4.5	204	1.5	3.2	229	1.9	1.0	227
11/11/2024 9:00	0.6	4.0	219	0.6	2.7	240	1.3	2.0	223
11/11/2024 8:30	0.6	3.8	179	0.2	1.7	188	0.2	2.2	170
11/11/2024 8:00	0.6	3.7	177	0.2	0.9	189	0.4	1.5	162
11/11/2024 7:30	1.0	2.2	192	0.8	1.1	208	1.3	0.8	214
11/11/2024 7:00	0.7	2.2	224	2.0	0.7	259	0.4	0.5	214
11/11/2024 6:30	0.4	2.0	250	1.8	0.8	242	0.2	0.3	257
11/11/2024 6:00	0.5	2.2	235	1.7	0.7	237	0.4	0.3	281
11/11/2024 5:30	0.7	1.8	254	2.4	0.5	232	1.0	0.4	318
11/11/2024 5:00	0.6	2.1	171	2.2	0.9	205	0.4	0.4	143
11/11/2024 4:30	0.8	1.3	207	0.2	0.4	347	0.2	0.4	240
11/11/2024 4:00	1.9	1.0	282	0.2	0.5	331	0.2	0.4	245
11/11/2024 3:30	1.3	1.1	238	0.2	1.0	6	0.2	0.5	245
11/11/2024 3:00	0.9	1.0	185	0.2	0.5	50	0.2	0.4	238
11/11/2024 2:30	2.1	3.3	306	0.2	1.8	342	0.2	1.4	351
11/11/2024 2:00	2.3	4.4	313	0.2	2.6	328	0.4	1.0	343
11/11/2024 1:30	3.5	4.9	319	0.4	2.6	326	AX	1.4	337
11/11/2024 1:00	3.3	2.7	192	AX	1.0	146	0.2	1.2	156
11/11/2024 0:30	AX	2.4	324	0.2	0.7	56	0.2	0.8	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
11/11/2024 0:00	3.9	3.0	330	0.2	1.3	5	0.2	0.8	357
11/10/2024 23:30	3.1	3.6	12	0.2	0.9	74	0.2	1.1	11
11/10/2024 23:00	0.8	2.6	305	0.2	1.8	352	0.2	1.1	3
11/10/2024 22:30	1.0	5.4	294	0.2	3.8	296	0.2	1.0	287
11/10/2024 22:00	1.3	3.6	310	0.2	2.5	323	0.2	0.9	306
11/10/2024 21:30	0.2	2.1	148	0.2	0.8	56	0.2	0.8	198
11/10/2024 21:00	0.4	2.3	82	0.2	1.2	65	0.2	1.3	62
11/10/2024 20:30	1.8	4.8	49	0.2	1.1	59	0.2	1.0	49
11/10/2024 20:00	6.8	4.7	24	0.2	1.4	36	0.2	1.0	14
11/10/2024 19:30	6.4	5.1	18	0.2	1.6	11	0.2	1.2	1
11/10/2024 19:00	1.1	3.3	335	0.2	1.9	350	0.2	0.6	274
11/10/2024 18:30	1.6	3.2	325	0.2	1.4	355	0.2	0.4	250
11/10/2024 18:00	0.2	1.6	149	0.2	1.2	18	0.2	0.7	322
11/10/2024 17:30	0.2	1.5	210	0.2	0.7	322	0.2	0.5	257
11/10/2024 17:00	0.2	0.9	155	0.2	0.3	225	0.2	0.6	210
11/10/2024 16:30	0.2	2.3	91	0.2	0.8	32	0.2	1.0	38
11/10/2024 16:00	0.2	1.9	98	0.2	0.9	60	0.2	1.2	97
11/10/2024 15:30	0.2	1.3	120	0.2	0.7	40	0.2	0.8	344
11/10/2024 15:00	0.2	1.6	215	0.2	0.6	278	0.2	0.7	11
11/10/2024 14:30	0.2	1.8	184	0.2	1.2	254	0.2	0.9	239
11/10/2024 14:00	0.2	3.7	162	0.2	2.0	124	0.2	1.4	151
11/10/2024 13:30	0.2	3.3	134	0.2	1.5	134	0.2	1.5	130
11/10/2024 13:00	0.2	3.3	123	0.2	1.9	134	0.2	2.3	109
11/10/2024 12:30	0.2	3.3	79	0.2	1.9	76	0.2	2.2	62
11/10/2024 12:00	0.6	4.4	37	0.4	1.5	74	0.2	2.3	56
11/10/2024 11:30	0.7	5.7	23	0.8	2.1	28	0.2	2.5	35
11/10/2024 11:00	1.1	6.4	32	0.2	2.7	25	0.2	2.9	30
11/10/2024 10:30	1.6	7.1	28	0.2	2.0	37	0.2	2.6	25
11/10/2024 10:00	2.8	7.6	10	0.2	2.6	18	0.2	2.5	11
11/10/2024 9:30	1.7	5.8	25	0.4	2.3	358	0.2	2.0	9
11/10/2024 9:00	1.5	6.1	30	0.2	1.6	33	0.2	1.7	24
11/10/2024 8:30	1.5	6.1	25	0.2	1.6	16	0.2	1.8	3
11/10/2024 8:00	1.1	8.3	28	0.2	2.0	32	0.2	2.4	17
11/10/2024 7:30	1.2	7.5	33	0.2	1.8	39	0.2	2.1	22
11/10/2024 7:00	1.8	7.8	26	0.2	1.3	36	0.2	2.0	1
11/10/2024 6:30	1.7	4.7	39	0.2	0.9	17	0.2	0.9	337
11/10/2024 6:00	1.5	6.3	28	0.2	0.7	58	0.2	1.4	2
11/10/2024 5:30	1.6	5.5	33	0.2	0.6	4	0.2	1.2	348
11/10/2024 5:00	1.7	7.2	30	0.2	0.8	52	0.2	1.6	19
11/10/2024 4:30	9.1	5.5	30	0.2	1.0	72	0.2	1.8	13
11/10/2024 4:00	8.0	5.7	14	0.2	1.0	40	0.2	1.7	347
11/10/2024 3:30	2.1	6.4	26	0.2	0.8	31	0.2	1.3	335
11/10/2024 3:00	1.6	5.3	44	0.2	1.0	48	0.2	1.6	9
11/10/2024 2:30	1.3	4.0	55	0.7	1.3	38	1.8	1.2	8
11/10/2024 2:00	2.8	4.2	58	2.4	1.4	34	BF	1.2	28
11/10/2024 1:30	5.2	4.8	41	BF	1.3	44	BF	1.0	345
11/10/2024 1:00	BF	4.0	36	BF	0.6	48	0.2	0.8	309
11/10/2024 0:30	BF	3.9	35	0.2	1.4	45	0.2	1.6	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
11/10/2024 0:00	0.2	4.4	50	0.2	1.1	33	0.2	1.1	331
11/9/2024 23:30	0.2	4.6	56	0.2	0.9	44	0.2	1.0	345
11/9/2024 23:00	1.1	4.6	53	0.2	1.2	13	0.2	1.1	348
11/9/2024 22:30	2.8	4.2	36	0.2	1.3	35	0.2	0.8	340
11/9/2024 22:00	2.0	3.7	36	0.2	1.5	30	0.2	1.2	7
11/9/2024 21:30	0.2	3.4	54	0.2	0.8	36	0.2	0.8	353
11/9/2024 21:00	0.2	3.3	64	0.2	0.3	71	0.2	0.8	344
11/9/2024 20:30	0.2	4.0	61	0.2	0.4	87	0.2	1.2	15
11/9/2024 20:00	0.2	2.9	76	0.2	0.6	97	0.2	1.6	49
11/9/2024 19:30	0.2	4.9	70	0.2	0.7	76	0.2	1.5	39
11/9/2024 19:00	0.2	4.5	69	0.2	0.9	52	0.2	1.6	31
11/9/2024 18:30	0.2	4.9	69	0.2	0.4	55	0.2	1.4	33
11/9/2024 18:00	0.2	5.2	67	0.2	0.6	58	0.2	1.4	21
11/9/2024 17:30	0.2	4.4	68	0.2	0.8	78	0.2	1.5	36
11/9/2024 17:00	0.2	3.9	86	0.2	1.5	84	0.2	1.5	43
11/9/2024 16:30	0.2	5.0	76	0.2	2.0	81	0.2	2.9	50
11/9/2024 16:00	0.2	9.4	45	0.2	2.3	75	0.2	3.8	60
11/9/2024 15:30	0.2	8.6	50	0.2	3.4	74	0.2	4.4	60
11/9/2024 15:00	0.2	9.9	46	0.2	2.9	93	0.2	3.9	42
11/9/2024 14:30	0.4	8.3	43	0.2	3.2	57	0.2	3.5	42
11/9/2024 14:00	0.4	8.1	51	0.2	2.5	73	0.2	3.7	57
11/9/2024 13:30	0.2	9.6	29	0.2	3.2	67	0.2	3.6	57
11/9/2024 13:00	0.2	9.4	40	0.2	2.6	75	0.2	4.0	39
11/9/2024 12:30	0.2	11.0	39	0.2	3.2	86	0.2	3.4	50
11/9/2024 12:00	0.2	11.7	41	0.2	3.6	78	0.2	4.5	48
11/9/2024 11:30	0.2	9.8	65	0.2	3.4	63	0.2	4.9	46
11/9/2024 11:00	0.2	9.9	58	0.2	3.5	67	0.2	5.5	62
11/9/2024 10:30	0.2	10.7	56	0.2	3.1	73	0.2	5.7	45
11/9/2024 10:00	0.2	10.6	66	0.2	4.3	71	0.2	7.1	60
11/9/2024 9:30	0.4	12.5	54	0.2	3.5	77	0.2	6.4	51
11/9/2024 9:00	1.5	12.2	39	0.2	2.7	60	0.2	4.3	39
11/9/2024 8:30	1.7	11.1	36	0.2	1.9	39	0.2	3.1	31
11/9/2024 8:00	4.1	9.9	31	0.2	1.5	52	0.2	3.5	30
11/9/2024 7:30	8.3	9.2	30	0.2	1.1	67	0.2	2.3	21
11/9/2024 7:00	14.9	8.1	20	0.2	1.0	69	0.2	2.8	356
11/9/2024 6:30	6.4	9.3	29	0.2	1.6	73	0.2	3.2	29
11/9/2024 6:00	4.2	6.4	31	0.2	0.9	192	0.2	2.0	7
11/9/2024 5:30	4.6	7.2	29	0.2	0.8	70	0.2	2.1	17
11/9/2024 5:00	3.3	8.2	27	0.2	1.2	57	0.2	2.5	18
11/9/2024 4:30	5.1	8.6	24	0.2	1.1	56	0.2	2.4	14
11/9/2024 4:00	2.2	6.5	31	0.2	1.1	52	0.2	2.3	19
11/9/2024 3:30	3.7	7.9	31	0.2	1.6	59	0.2	2.1	18
11/9/2024 3:00	3.7	6.9	34	0.2	1.4	46	0.2	1.9	12
11/9/2024 2:30	16.4	6.3	17	0.2	0.8	29	0.2	1.6	350
11/9/2024 2:00	10.3	5.8	19	0.2	0.7	45	0.2	2.1	6
11/9/2024 1:30	7.4	5.7	16	0.2	0.6	17	AX	1.8	354
11/9/2024 1:00	2.4	3.5	65	AX	0.5	344	0.2	0.7	44
11/9/2024 0:30	AX	3.4	39	0.2	0.5	48	0.2	2.1	359

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
11/9/2024 0:00	5.4	2.6	38	0.2	0.9	22	0.2	0.7	17
11/8/2024 23:30	6.7	2.9	37	0.2	1.3	35	0.2	1.0	15
11/8/2024 23:00	3.8	1.2	98	0.2	0.6	22	0.2	0.4	28
11/8/2024 22:30	8.1	0.8	116	0.2	0.5	46	0.2	0.4	8
11/8/2024 22:00	2.7	0.6	221	0.2	0.5	45	0.2	0.5	56
11/8/2024 21:30	8.9	1.3	169	0.2	0.3	53	0.2	0.4	75
11/8/2024 21:00	16.7	1.4	162	0.2	0.3	44	0.2	0.3	13
11/8/2024 20:30	3.8	1.3	183	0.2	0.2	49	0.2	0.3	63
11/8/2024 20:00	8.5	1.1	171	0.2	0.2	50	0.2	0.4	29
11/8/2024 19:30	6.7	1.2	173	0.2	0.4	51	0.2	0.4	38
11/8/2024 19:00	3.9	1.8	200	0.2	0.5	65	0.2	0.5	62
11/8/2024 18:30	1.2	1.8	212	0.2	0.3	61	0.2	0.4	305
11/8/2024 18:00	3.3	1.3	190	0.2	0.6	77	0.4	0.4	344
11/8/2024 17:30	0.7	2.4	182	0.2	0.4	139	0.2	0.7	212
11/8/2024 17:00	1.0	4.0	175	0.2	1.9	211	0.2	1.0	212
11/8/2024 16:30	1.0	4.5	166	0.2	1.2	316	0.2	0.5	222
11/8/2024 16:00	1.4	2.6	201	0.7	2.1	261	0.2	0.6	254
11/8/2024 15:30	0.2	3.9	318	0.2	3.0	284	0.2	1.0	240
11/8/2024 15:00	0.2	3.7	236	0.2	3.7	277	0.2	1.3	330
11/8/2024 14:30	0.2	3.1	217	0.4	2.6	242	0.2	1.7	183
11/8/2024 14:00	0.2	1.7	217	0.2	3.2	263	0.2	1.4	258
11/8/2024 13:30	0.2	2.1	251	0.2	2.4	265	0.2	2.1	205
11/8/2024 13:00	0.2	4.3	211	0.8	2.5	284	0.2	0.7	306
11/8/2024 12:30	0.2	3.0	254	1.3	2.3	256	0.2	1.6	197
11/8/2024 12:00	0.2	2.0	241	1.2	2.2	261	0.2	0.9	200
11/8/2024 11:30	0.2	2.1	235	0.4	2.0	277	0.2	0.9	218
11/8/2024 11:00	0.4	3.3	279	0.5	2.9	297	0.2	0.6	290
11/8/2024 10:30	0.2	3.6	282	0.2	2.2	278	0.2	1.8	202
11/8/2024 10:00	0.4	2.0	219	0.8	2.3	280	0.2	1.4	209
11/8/2024 9:30	0.6	1.9	206	1.1	1.7	227	1.0	1.5	201
11/8/2024 9:00	0.8	1.7	219	0.7	1.5	243	2.4	0.6	236
11/8/2024 8:30	0.5	2.3	198	0.2	0.6	184	0.2	0.8	192
11/8/2024 8:00	1.2	1.7	234	0.2	0.3	105	0.2	0.3	235
11/8/2024 7:30	2.1	1.6	327	0.2	0.8	32	0.2	0.6	352
11/8/2024 7:00	1.5	1.1	129	0.4	0.8	81	0.2	0.4	5
11/8/2024 6:30	1.1	1.5	202	0.5	0.6	304	0.2	0.6	206
11/8/2024 6:00	0.7	1.2	262	0.7	0.6	23	0.2	0.5	354
11/8/2024 5:30	1.7	1.6	168	0.5	0.6	161	0.2	0.5	197
11/8/2024 5:00	1.8	1.4	189	0.2	0.9	306	0.2	0.2	63
11/8/2024 4:30	1.8	1.1	190	0.8	0.3	14	0.4	0.2	130
11/8/2024 4:00	0.6	1.3	209	0.7	0.2	4	0.8	0.2	353
11/8/2024 3:30	1.3	0.9	202	0.6	0.2	1	1.1	0.3	349
11/8/2024 3:00	2.1	0.9	185	0.6	0.2	42	0.7	0.2	42
11/8/2024 2:30	0.4	1.0	232	0.8	0.2	36	0.6	0.3	327
11/8/2024 2:00	0.5	0.9	208	1.4	0.2	80	1.4	0.2	143
11/8/2024 1:30	0.8	1.6	180	0.8	0.2	94	AX	0.6	183
11/8/2024 1:00	1.4	1.9	177	AX	0.2	94	0.2	0.3	153
11/8/2024 0:30	AX	1.3	172	0.2	0.4	69	0.2	0.2	93

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