



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

September 13, 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
09/06/2024 00:00	09/12/2024 23:59	5.0	0.2	0.2

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.

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

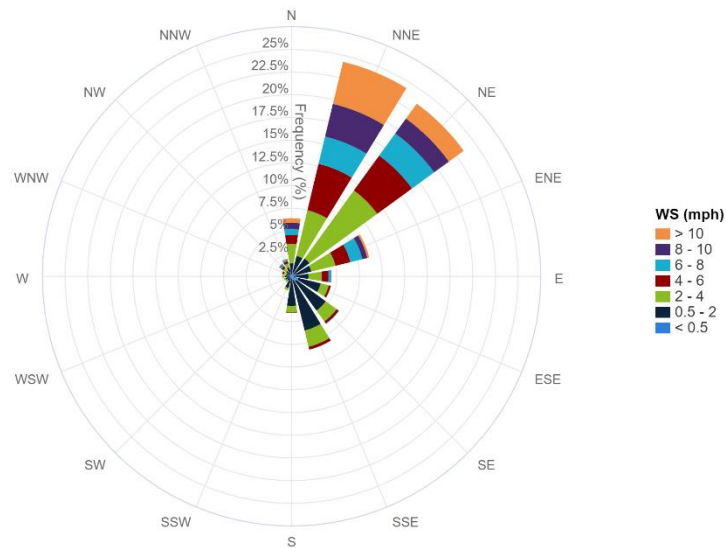
Attachments:

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 09/06/2024 00:00 to 09/12/2024 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					
08/31/2024 00:00	09/06/2024 23:59	3.0	0.3	0.4	09/06/2024			5.0	0.2	0.2
09/01/2024 00:00	09/07/2024 23:59	3.6	0.3	0.4	09/07/2024			4.5	0.4	0.4
09/02/2024 00:00	09/08/2024 23:59	3.7	0.2	0.2	09/08/2024			1.7	0.3	0.2
09/03/2024 00:00	09/09/2024 23:59	4.6	0.2	0.2	09/09/2024			6.6	0.2	0.2
09/04/2024 00:00	09/10/2024 23:59	4.2	0.2	0.2	09/10/2024			4.2	0.2	0.2
09/05/2024 00:00	09/11/2024 23:59	4.1	0.2	0.2	09/11/2024			3.9	0.2	0.2
09/06/2024 00:00	09/12/2024 23:59	4.4	0.2	0.2	09/12/2024			5.0	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
9/13/2024 0:00	1.8	7.6	35	0.2	0.5	48	0.2	1.9	34
9/12/2024 23:30	1.8	5.8	43	0.2	0.4	53	0.2	1.6	20
9/12/2024 23:00	1.9	5.0	44	0.2	0.5	55	0.2	1.0	12
9/12/2024 22:30	5.7	4.7	30	0.2	0.3	42	0.2	1.3	8
9/12/2024 22:00	3.9	3.0	18	0.2	0.4	12	0.2	0.3	305
9/12/2024 21:30	3.4	3.8	38	0.2	0.3	35	0.2	0.5	342
9/12/2024 21:00	2.2	3.9	33	0.2	0.2	25	0.2	0.7	350
9/12/2024 20:30	1.5	5.0	37	0.2	0.5	112	0.2	1.1	360
9/12/2024 20:00	4.3	5.3	32	0.2	0.4	48	0.2	1.6	359
9/12/2024 19:30	3.2	5.6	28	0.2	0.3	89	0.2	1.5	356
9/12/2024 19:00	2.5	6.1	26	0.2	0.3	61	0.2	1.5	18
9/12/2024 18:30	0.8	5.4	32	0.2	0.2	87	0.2	1.7	26
9/12/2024 18:00	0.2	5.1	42	0.2	0.3	59	0.2	1.5	15
9/12/2024 17:30	0.2	4.5	53	0.2	0.3	35	0.2	1.0	13
9/12/2024 17:00	0.2	5.4	57	0.2	0.4	58	0.2	1.3	44
9/12/2024 16:30	0.2	6.5	55	0.2	0.6	62	0.2	2.0	50
9/12/2024 16:00	0.2	5.5	61	0.2	0.9	64	0.2	2.5	58
9/12/2024 15:30	0.2	8.9	56	0.2	1.4	100	0.2	3.2	50
9/12/2024 15:00	0.2	10.1	50	0.2	1.3	82	0.2	2.6	54
9/12/2024 14:30	0.2	9.3	50	0.2	0.9	64	0.2	3.4	51
9/12/2024 14:00	0.2	9.0	50	0.2	1.2	81	0.2	3.6	58
9/12/2024 13:30	0.2	8.3	53	0.2	1.6	81	0.2	4.1	54
9/12/2024 13:00	0.2	10.7	45	0.2	1.6	71	0.2	3.6	33
9/12/2024 12:30	0.2	11.3	45	0.2	1.8	82	0.2	3.3	45
9/12/2024 12:00	0.2	10.8	40	0.2	1.6	57	0.2	3.5	52
9/12/2024 11:30	0.2	8.0	50	0.2	1.5	68	0.2	3.9	48
9/12/2024 11:00	0.2	9.7	47	0.2	1.4	53	0.2	3.9	54
9/12/2024 10:30	0.2	8.0	54	0.2	1.6	74	0.2	3.9	54
9/12/2024 10:00	0.2	9.4	48	0.2	1.4	68	0.2	4.1	56
9/12/2024 9:30	0.2	6.6	54	0.2	1.0	36	0.2	3.2	50
9/12/2024 9:00	0.2	5.9	50	0.2	0.9	42	0.2	1.9	40
9/12/2024 8:30	2.2	5.3	41	0.2	0.7	21	0.2	1.4	14
9/12/2024 8:00	16.6	4.0	21	0.2	0.6	43	0.2	1.4	356
9/12/2024 7:30	17.5	2.6	8	0.2	0.4	28	0.2	1.5	351
9/12/2024 7:00	6.5	4.9	35	0.2	0.4	31	0.2	1.5	351
9/12/2024 6:30	13.2	3.9	38	0.2	0.4	5	0.2	0.3	355
9/12/2024 6:00	30.7	3.4	16	0.2	0.2	44	0.2	1.3	351
9/12/2024 5:30	3.6	4.0	38	0.2	0.3	37	0.2	0.3	287
9/12/2024 5:00	34.0	3.1	29	0.2	0.3	27	0.2	0.5	319
9/12/2024 4:30	27.9	2.0	47	0.2	0.5	351	0.2	0.3	266
9/12/2024 4:00	14.1	1.0	69	0.2	0.7	329	0.2	0.3	253
9/12/2024 3:30	4.8	2.5	42	0.2	0.5	32	0.2	0.2	304
9/12/2024 3:00	1.9	2.7	60	0.2	0.3	27	0.2	0.2	316
9/12/2024 2:30	2.5	3.2	52	0.2	0.2	17	0.2	0.2	284
9/12/2024 2:00	2.6	1.5	90	0.2	0.2	20	0.2	0.2	307
9/12/2024 1:30	12.4	1.4	73	0.2	0.3	15	AX	0.2	342
9/12/2024 1:00	7.6	2.0	53	AX	0.3	14	0.2	0.2	284
9/12/2024 0:30	AX	1.8	42	0.2	0.2	26	0.2	0.2	275

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
9/12/2024 0:00	14.4	1.1	38	0.2	0.2	12	0.2	0.2	314
9/11/2024 23:30	2.2	0.8	80	0.2	0.2	359	0.2	0.2	348
9/11/2024 23:00	0.2	1.1	91	0.2	0.3	358	0.2	0.2	354
9/11/2024 22:30	0.2	2.5	85	0.2	0.6	349	0.2	0.3	331
9/11/2024 22:00	0.2	0.7	118	0.2	0.5	2	0.2	0.3	4
9/11/2024 21:30	0.2	1.1	109	0.2	0.3	12	0.2	0.4	15
9/11/2024 21:00	0.2	1.2	141	0.2	0.3	10	0.2	0.3	12
9/11/2024 20:30	0.2	0.9	146	0.2	0.3	333	0.2	0.2	311
9/11/2024 20:00	0.2	0.9	129	0.2	0.3	13	0.2	0.2	308
9/11/2024 19:30	0.2	1.1	140	0.2	0.6	59	0.2	0.3	299
9/11/2024 19:00	0.2	2.2	103	0.2	0.6	66	0.2	0.2	320
9/11/2024 18:30	0.2	2.2	95	0.2	0.3	74	0.2	0.3	351
9/11/2024 18:00	0.2	2.1	92	0.2	0.3	60	0.2	0.3	323
9/11/2024 17:30	0.2	1.7	115	0.2	0.5	42	0.2	0.3	275
9/11/2024 17:00	0.2	2.2	99	0.2	0.7	53	0.2	1.1	85
9/11/2024 16:30	0.2	4.5	83	0.2	1.1	78	0.2	1.7	69
9/11/2024 16:00	0.2	4.4	85	0.2	0.9	53	0.2	2.8	58
9/11/2024 15:30	0.2	5.8	69	0.2	1.5	81	0.2	2.8	66
9/11/2024 15:00	0.2	4.9	80	0.2	1.4	75	0.2	2.9	59
9/11/2024 14:30	0.2	6.2	59	0.2	1.7	50	0.2	3.0	38
9/11/2024 14:00	0.2	7.5	56	0.2	1.6	55	0.2	3.3	56
9/11/2024 13:30	0.2	6.4	58	0.2	1.5	83	0.2	3.7	42
9/11/2024 13:00	0.2	4.8	79	0.2	1.5	72	0.2	3.2	65
9/11/2024 12:30	0.2	6.0	59	0.2	1.5	57	0.2	3.7	73
9/11/2024 12:00	0.2	7.5	48	0.2	1.5	91	0.2	3.6	59
9/11/2024 11:30	0.2	6.5	47	0.2	1.1	64	0.2	2.6	50
9/11/2024 11:00	0.2	5.6	52	0.2	0.9	42	0.2	2.0	54
9/11/2024 10:30	4.2	3.9	31	0.2	1.0	20	0.2	1.0	16
9/11/2024 10:00	0.8	2.7	26	0.2	1.2	346	0.2	1.3	356
9/11/2024 9:30	0.2	3.8	39	0.2	1.2	6	0.2	1.4	21
9/11/2024 9:00	10.3	4.7	19	0.2	1.1	34	0.2	1.7	13
9/11/2024 8:30	16.6	3.7	9	0.2	0.8	33	0.2	1.3	349
9/11/2024 8:00	19.3	4.5	11	0.2	0.5	25	0.2	1.6	357
9/11/2024 7:30	10.4	4.4	10	0.2	0.4	316	0.2	0.8	321
9/11/2024 7:00	5.1	3.4	10	0.2	0.3	335	0.2	0.2	313
9/11/2024 6:30	7.5	1.9	357	0.2	0.2	3	0.2	0.3	332
9/11/2024 6:00	14.6	2.8	27	0.2	0.2	35	0.2	0.5	3
9/11/2024 5:30	8.9	3.2	40	0.2	0.3	24	0.2	0.4	9
9/11/2024 5:00	7.4	3.9	42	0.2	0.5	30	0.2	0.5	15
9/11/2024 4:30	11.9	2.2	51	0.2	0.3	45	0.2	0.2	38
9/11/2024 4:00	4.0	0.7	52	0.2	0.3	38	0.2	0.3	354
9/11/2024 3:30	2.3	0.7	153	0.2	0.6	10	0.2	0.2	295
9/11/2024 3:00	3.9	1.9	40	0.2	0.5	9	0.2	0.3	314
9/11/2024 2:30	8.8	2.5	42	0.2	0.2	51	0.2	0.3	34
9/11/2024 2:00	18.5	3.1	41	0.2	0.3	39	0.2	0.2	24
9/11/2024 1:30	5.3	2.7	44	0.2	0.3	8	AX	0.2	318
9/11/2024 1:00	0.9	2.6	57	AX	0.5	30	0.2	0.3	66
9/11/2024 0:30	AX	0.9	71	0.2	0.3	37	0.2	0.4	8

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
9/11/2024 0:00	8.9	0.8	95	0.2	0.2	31	0.2	0.2	357
9/10/2024 23:30	2.7	1.7	54	0.2	0.2	24	0.2	0.3	66
9/10/2024 23:00	0.2	0.7	80	0.2	0.3	32	0.2	0.4	5
9/10/2024 22:30	0.2	0.8	147	0.2	0.3	14	0.2	0.2	292
9/10/2024 22:00	0.2	1.0	153	0.2	0.2	12	0.2	0.2	328
9/10/2024 21:30	0.2	1.1	153	0.2	0.3	39	0.2	0.3	317
9/10/2024 21:00	0.2	1.0	131	0.2	0.2	56	0.2	0.3	3
9/10/2024 20:30	0.2	1.1	152	0.2	0.3	40	0.2	0.3	308
9/10/2024 20:00	0.2	1.1	171	0.2	0.3	66	0.2	0.4	347
9/10/2024 19:30	0.2	1.8	187	0.2	0.3	89	0.2	0.4	282
9/10/2024 19:00	0.2	0.9	142	0.2	0.4	71	0.2	0.5	352
9/10/2024 18:30	0.2	1.7	159	0.2	0.2	200	0.2	0.2	263
9/10/2024 18:00	0.2	2.1	149	0.2	0.2	132	0.2	0.3	235
9/10/2024 17:30	0.2	2.3	128	0.2	0.5	105	0.2	0.5	209
9/10/2024 17:00	0.2	2.5	119	0.2	0.8	130	0.2	0.9	119
9/10/2024 16:30	0.2	2.7	87	0.2	0.8	103	0.2	1.6	49
9/10/2024 16:00	0.2	3.3	85	0.2	1.1	73	0.2	1.8	77
9/10/2024 15:30	0.2	2.8	90	0.2	1.4	116	0.2	1.5	110
9/10/2024 15:00	0.2	2.5	118	0.2	1.5	104	0.2	1.8	120
9/10/2024 14:30	0.2	2.5	51	0.2	2.3	31	0.2	2.0	10
9/10/2024 14:00	0.2	3.9	47	0.2	1.6	51	0.2	1.8	48
9/10/2024 13:30	0.2	4.6	47	0.2	2.3	356	0.2	1.9	15
9/10/2024 13:00	0.2	3.9	19	0.2	1.7	338	0.2	2.2	47
9/10/2024 12:30	0.2	3.8	38	0.2	1.6	28	0.2	1.9	51
9/10/2024 12:00	0.2	4.1	49	0.2	2.2	29	0.2	2.2	70
9/10/2024 11:30	0.8	2.2	51	0.2	1.4	55	0.2	1.9	83
9/10/2024 11:00	3.8	2.3	24	0.2	1.5	15	0.2	1.0	28
9/10/2024 10:30	4.8	3.2	22	0.2	1.7	314	0.2	1.3	14
9/10/2024 10:00	2.6	1.5	49	0.2	1.4	19	0.2	0.9	8
9/10/2024 9:30	8.4	2.6	36	0.2	0.8	17	0.2	1.0	26
9/10/2024 9:00	15.9	3.2	36	0.2	1.2	14	0.2	1.8	7
9/10/2024 8:30	11.2	3.6	49	0.2	1.0	6	0.2	1.1	32
9/10/2024 8:00	12.6	2.5	47	0.2	1.0	1	0.2	1.1	44
9/10/2024 7:30	14.2	2.8	50	0.2	0.5	25	0.2	0.8	25
9/10/2024 7:00	15.9	2.9	40	0.2	0.6	6	0.2	0.5	29
9/10/2024 6:30	16.6	2.0	24	0.2	0.2	18	0.2	0.6	15
9/10/2024 6:00	16.3	1.0	1	0.2	0.2	18	0.2	0.3	276
9/10/2024 5:30	12.1	1.8	41	0.2	0.4	1	0.2	0.3	2
9/10/2024 5:00	14.6	2.5	41	0.2	0.2	25	0.2	0.3	8
9/10/2024 4:30	10.4	2.3	43	0.2	0.2	27	0.2	0.3	351
9/10/2024 4:00	6.0	1.9	40	0.2	0.3	22	0.2	0.2	358
9/10/2024 3:30	5.4	1.4	39	0.2	0.3	4	0.2	0.2	296
9/10/2024 3:00	0.2	3.1	49	0.2	0.3	24	0.2	0.4	39
9/10/2024 2:30	3.0	1.7	48	0.2	0.4	9	0.2	0.3	330
9/10/2024 2:00	3.3	1.4	70	0.2	0.4	11	0.2	0.2	15
9/10/2024 1:30	2.6	0.4	136	0.2	0.4	32	AX	0.3	327
9/10/2024 1:00	0.2	0.4	142	AX	0.6	12	0.2	0.2	16
9/10/2024 0:30	AX	0.9	186	0.2	0.3	25	0.2	0.2	73

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
9/10/2024 0:00	0.7	0.5	160	0.2	0.2	40	0.2	0.2	7
9/9/2024 23:30	0.2	0.5	140	0.2	0.4	21	0.2	0.3	7
9/9/2024 23:00	0.2	0.7	164	0.2	0.2	34	0.2	0.2	357
9/9/2024 22:30	0.2	1.1	159	0.2	0.2	41	0.2	0.2	20
9/9/2024 22:00	0.2	1.0	162	0.2	0.2	32	0.2	0.2	350
9/9/2024 21:30	0.2	1.2	166	0.2	0.2	13	0.2	0.2	308
9/9/2024 21:00	0.2	1.4	161	0.2	0.2	36	0.2	0.3	342
9/9/2024 20:30	0.2	1.4	164	0.2	0.2	22	0.2	0.2	311
9/9/2024 20:00	0.2	1.5	161	0.2	0.2	56	0.2	0.2	324
9/9/2024 19:30	0.2	1.3	157	0.2	0.2	62	0.2	0.2	318
9/9/2024 19:00	0.2	1.5	182	0.2	0.2	15	0.2	0.2	293
9/9/2024 18:30	0.2	1.8	168	0.2	0.3	74	0.2	0.3	305
9/9/2024 18:00	0.2	1.9	143	0.2	0.2	87	0.2	0.3	291
9/9/2024 17:30	0.2	1.4	121	0.2	0.3	90	0.2	0.3	266
9/9/2024 17:00	0.2	2.1	89	0.2	0.6	63	0.2	0.8	66
9/9/2024 16:30	0.2	4.4	51	0.2	1.0	53	0.2	1.8	71
9/9/2024 16:00	0.2	4.0	42	0.2	1.4	6	0.2	1.9	25
9/9/2024 15:30	0.2	4.1	7	0.2	1.8	70	0.2	1.5	30
9/9/2024 15:00	0.2	4.7	34	0.2	1.6	47	0.2	1.9	57
9/9/2024 14:30	0.2	5.2	21	0.2	2.1	9	0.2	1.6	9
9/9/2024 14:00	0.2	4.8	37	0.2	1.9	45	0.2	2.1	50
9/9/2024 13:30	0.2	3.6	132	0.2	1.5	59	0.2	1.7	28
9/9/2024 13:00	0.2	5.2	64	0.2	1.3	54	0.2	2.3	58
9/9/2024 12:30	0.2	4.6	80	0.2	1.7	92	0.2	2.5	45
9/9/2024 12:00	0.2	4.8	51	0.2	1.5	46	0.2	2.3	101
9/9/2024 11:30	0.2	4.3	102	0.2	1.7	66	0.2	2.8	71
9/9/2024 11:00	0.2	4.5	82	0.2	1.5	126	0.2	2.5	62
9/9/2024 10:30	0.2	5.4	67	0.2	1.7	84	0.2	3.5	60
9/9/2024 10:00	0.2	6.3	56	0.2	1.3	54	0.2	2.7	43
9/9/2024 9:30	0.2	4.7	19	0.2	2.3	355	0.2	2.0	52
9/9/2024 9:00	0.8	5.4	28	0.2	1.7	2	0.2	1.8	24
9/9/2024 8:30	0.4	3.6	29	0.2	1.3	354	0.2	1.7	13
9/9/2024 8:00	1.3	4.5	38	0.2	1.8	10	0.2	1.8	13
9/9/2024 7:30	16.8	3.5	32	0.2	0.6	9	0.2	1.1	12
9/9/2024 7:00	23.6	3.2	16	0.2	0.5	23	0.2	1.4	4
9/9/2024 6:30	8.3	3.1	42	0.2	0.3	20	0.2	0.3	357
9/9/2024 6:00	8.3	3.4	36	0.2	0.3	22	0.2	0.3	126
9/9/2024 5:30	33.5	2.1	22	0.2	0.2	16	0.2	0.3	38
9/9/2024 5:00	26.0	2.1	37	0.2	0.3	39	0.2	0.4	38
9/9/2024 4:30	32.4	1.6	12	0.2	0.4	29	0.2	0.2	360
9/9/2024 4:00	28.5	3.1	23	0.2	0.4	27	0.2	0.4	4
9/9/2024 3:30	29.6	2.1	12	0.2	0.3	35	0.2	0.2	274
9/9/2024 3:00	26.4	2.5	17	0.2	0.3	35	0.2	0.4	2
9/9/2024 2:30	21.6	2.5	12	0.2	0.3	24	0.2	0.2	9
9/9/2024 2:00	6.4	2.4	37	0.2	0.4	38	0.2	0.4	24
9/9/2024 1:30	26.7	2.8	16	0.2	0.5	39	AX	0.5	48
9/9/2024 1:00	11.0	0.6	5	AX	0.7	4	0.2	0.4	327
9/9/2024 0:30	AX	0.5	253	0.2	0.4	8	0.2	0.2	318

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
9/9/2024 0:00	11.3	1.3	73	0.2	0.2	53	0.2	0.3	297
9/8/2024 23:30	0.2	0.6	141	0.2	0.5	35	0.2	0.2	6
9/8/2024 23:00	0.2	0.8	141	0.2	0.3	46	0.2	0.4	354
9/8/2024 22:30	0.2	1.1	133	0.2	0.5	57	0.2	0.4	346
9/8/2024 22:00	0.2	1.5	156	0.2	0.3	65	0.2	0.4	338
9/8/2024 21:30	0.2	0.6	53	0.2	0.4	354	0.2	0.3	306
9/8/2024 21:00	0.2	1.4	85	0.2	0.5	33	0.2	0.2	304
9/8/2024 20:30	0.2	1.4	113	0.2	0.3	332	0.2	0.3	323
9/8/2024 20:00	0.2	8.7	70	0.2	0.3	35	0.2	0.5	19
9/8/2024 19:30	0.2	0.7	121	0.2	0.2	80	0.2	0.5	38
9/8/2024 19:00	0.2	1.0	151	0.2	0.3	52	0.2	0.3	330
9/8/2024 18:30	0.2	1.7	151	0.2	0.2	67	0.2	0.3	237
9/8/2024 18:00	0.2	2.1	143	0.2	0.4	71	0.2	0.5	215
9/8/2024 17:30	0.2	2.6	121	0.2	0.8	81	0.2	1.6	105
9/8/2024 17:00	0.2	2.3	94	0.2	0.9	94	0.2	1.4	67
9/8/2024 16:30	0.2	4.8	62	0.2	1.0	103	0.2	2.4	89
9/8/2024 16:00	0.2	5.2	56	0.2	1.5	61	0.2	2.2	106
9/8/2024 15:30	0.2	4.7	47	0.2	0.9	64	0.2	1.8	52
9/8/2024 15:00	0.2	5.8	55	0.2	1.2	66	0.2	2.5	43
9/8/2024 14:30	0.2	7.0	35	0.2	1.6	26	0.2	2.8	37
9/8/2024 14:00	0.5	7.0	29	0.2	1.7	40	0.2	2.7	43
9/8/2024 13:30	0.2	7.0	40	0.2	2.4	11	0.2	2.7	17
9/8/2024 13:00	0.2	8.0	49	0.2	1.1	74	0.2	2.1	28
9/8/2024 12:30	0.2	8.9	34	0.2	1.5	59	0.2	2.3	41
9/8/2024 12:00	0.2	10.6	32	0.2	1.6	64	0.2	3.2	38
9/8/2024 11:30	0.2	9.6	30	0.2	2.4	20	0.2	2.9	40
9/8/2024 11:00	0.2	10.9	36	0.2	1.4	44	0.2	2.9	37
9/8/2024 10:30	0.2	11.1	40	0.2	1.4	66	0.2	3.0	42
9/8/2024 10:00	0.2	13.6	31	0.2	1.7	56	0.2	3.3	31
9/8/2024 9:30	2.8	11.1	26	0.2	1.9	45	0.2	3.1	22
9/8/2024 9:00	0.4	12.2	28	0.2	1.7	37	0.2	3.2	24
9/8/2024 8:30	0.8	12.7	26	0.2	1.5	56	0.2	3.8	22
9/8/2024 8:00	1.1	11.2	26	0.2	1.3	49	0.2	2.9	25
9/8/2024 7:30	0.5	9.1	27	0.2	1.0	60	0.2	2.5	21
9/8/2024 7:00	0.6	9.1	29	0.2	0.8	74	0.2	2.1	19
9/8/2024 6:30	0.8	9.7	30	0.2	0.6	106	0.2	2.6	25
9/8/2024 6:00	1.4	8.7	28	0.2	0.9	49	0.2	2.3	18
9/8/2024 5:30	3.3	9.9	28	0.2	1.0	58	0.2	2.2	18
9/8/2024 5:00	1.2	10.1	27	0.2	1.1	62	0.2	2.2	22
9/8/2024 4:30	2.6	9.7	28	0.2	1.1	66	0.2	1.9	24
9/8/2024 4:00	0.5	11.7	31	0.2	0.9	71	0.2	2.6	27
9/8/2024 3:30	1.0	11.4	26	0.2	0.7	104	0.2	2.6	21
9/8/2024 3:00	6.2	10.5	25	0.2	0.7	96	0.2	2.3	23
9/8/2024 2:30	16.2	9.8	19	0.6	0.5	96	1.2	2.8	11
9/8/2024 2:00	11.0	9.1	19	2.7	0.8	117	BF	2.0	16
9/8/2024 1:30	11.6	8.4	11	BF	1.8	19	BF	2.5	356
9/8/2024 1:00	BF	10.0	21	BF	1.3	50	0.2	2.6	12
9/8/2024 0:30	BF	9.8	14	0.2	1.5	38	0.2	2.9	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
9/8/2024 0:00	20.6	9.6	16	0.2	0.9	61	0.2	2.8	13
9/7/2024 23:30	12.0	9.4	20	0.2	0.9	120	0.2	2.7	16
9/7/2024 23:00	16.0	9.4	11	0.2	1.6	20	0.2	3.0	3
9/7/2024 22:30	21.7	11.7	16	0.2	1.2	77	0.2	3.2	11
9/7/2024 22:00	16.3	10.9	17	0.2	1.1	45	0.2	3.1	13
9/7/2024 21:30	13.1	10.7	20	0.2	0.8	135	0.2	3.0	11
9/7/2024 21:00	22.5	7.6	15	0.2	0.8	76	0.2	2.1	13
9/7/2024 20:30	9.4	7.1	24	0.2	0.4	33	0.2	0.7	26
9/7/2024 20:00	15.3	3.2	19	0.2	0.4	349	0.2	0.3	309
9/7/2024 19:30	11.8	8.2	12	0.2	0.5	42	0.2	0.7	347
9/7/2024 19:00	16.3	7.6	10	0.2	0.4	87	0.2	0.9	3
9/7/2024 18:30	12.4	8.4	12	0.2	0.7	45	0.2	1.6	1
9/7/2024 18:00	3.6	10.5	11	0.2	2.8	358	0.2	2.1	358
9/7/2024 17:30	1.3	10.5	9	0.2	3.8	352	0.2	2.5	351
9/7/2024 17:00	1.4	8.9	359	0.2	2.9	342	0.2	1.7	337
9/7/2024 16:30	2.2	9.2	11	0.2	2.3	342	0.2	2.2	336
9/7/2024 16:00	0.2	9.5	358	0.2	3.3	353	0.2	2.8	356
9/7/2024 15:30	0.2	6.1	340	0.2	1.8	344	0.2	0.7	306
9/7/2024 15:00	0.4	4.4	9	0.2	1.7	312	0.2	1.5	9
9/7/2024 14:30	0.2	5.4	26	0.2	2.7	326	0.2	1.2	340
9/7/2024 14:00	0.6	3.8	25	0.2	3.1	309	0.2	1.7	337
9/7/2024 13:30	0.2	4.4	348	0.2	2.9	336	0.2	2.4	357
9/7/2024 13:00	0.2	3.8	331	0.2	2.9	328	0.2	2.0	13
9/7/2024 12:30	0.4	3.0	46	0.2	2.4	330	0.2	1.9	345
9/7/2024 12:00	0.2	2.9	349	0.2	1.7	93	0.2	2.2	26
9/7/2024 11:30	0.2	4.7	345	0.2	3.6	306	0.2	1.6	344
9/7/2024 11:00	0.2	4.1	311	0.2	1.7	360	0.2	1.1	338
9/7/2024 10:30	0.2	4.5	326	0.6	2.0	316	0.2	1.9	7
9/7/2024 10:00	0.2	1.5	302	2.7	1.3	315	6.6	1.2	358
9/7/2024 9:30	0.2	1.7	205	2.6	1.0	210	2.6	0.8	190
9/7/2024 9:00	0.2	2.4	177	0.2	0.3	146	0.2	0.4	106
9/7/2024 8:30	0.2	1.5	180	0.2	0.5	245	0.2	0.6	71
9/7/2024 8:00	0.2	1.4	195	0.2	0.4	89	0.2	0.3	116
9/7/2024 7:30	0.2	0.8	228	0.2	0.8	8	0.2	0.2	301
9/7/2024 7:00	0.2	1.6	185	0.2	0.5	162	0.2	0.4	227
9/7/2024 6:30	0.2	1.7	207	0.2	0.8	3	0.2	0.2	277
9/7/2024 6:00	0.2	1.4	296	0.6	0.8	20	0.4	0.3	274
9/7/2024 5:30	0.6	1.8	277	1.6	0.8	343	1.1	0.2	239
9/7/2024 5:00	0.5	1.2	284	0.2	0.7	360	0.2	0.5	277
9/7/2024 4:30	0.2	0.8	285	0.2	0.8	37	0.2	0.9	8
9/7/2024 4:00	0.2	1.3	258	0.2	0.7	344	0.2	0.4	307
9/7/2024 3:30	0.4	0.9	168	0.2	0.4	23	0.2	0.3	216
9/7/2024 3:00	1.2	1.6	205	0.2	0.6	4	0.2	0.4	271
9/7/2024 2:30	1.8	1.6	188	0.2	0.6	277	0.2	0.3	235
9/7/2024 2:00	6.3	1.4	147	0.2	0.5	349	0.2	0.6	93
9/7/2024 1:30	1.3	1.8	134	0.2	0.4	103	AX	0.4	129
9/7/2024 1:00	0.2	2.4	319	AX	1.0	13	0.2	0.6	225
9/7/2024 0:30	AX	1.1	246	0.2	0.9	28	0.2	0.6	338

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
9/7/2024 0:00	4.3	3.0	149	0.4	1.3	113	0.2	1.3	211
9/6/2024 23:30	1.4	1.0	196	0.2	0.9	337	0.2	0.7	189
9/6/2024 23:00	2.6	2.8	288	0.2	1.9	0	0.2	1.4	314
9/6/2024 22:30	0.8	1.2	145	0.2	0.5	113	0.2	0.4	145
9/6/2024 22:00	0.2	1.2	158	0.6	0.5	58	0.2	0.5	125
9/6/2024 21:30	0.2	1.6	248	0.4	0.8	345	0.7	0.5	286
9/6/2024 21:00	0.2	1.3	166	0.2	0.7	32	0.2	0.5	256
9/6/2024 20:30	0.2	1.4	153	0.2	0.5	68	0.2	0.4	326
9/6/2024 20:00	0.2	0.6	128	0.2	0.4	22	0.2	0.3	79
9/6/2024 19:30	0.2	1.3	171	0.2	0.4	345	0.2	0.3	217
9/6/2024 19:00	0.2	0.6	140	0.2	0.4	75	0.2	0.5	191
9/6/2024 18:30	0.2	2.3	168	0.2	0.5	11	0.2	0.4	245
9/6/2024 18:00	0.2	2.4	158	0.2	0.4	172	0.2	0.6	224
9/6/2024 17:30	0.2	1.7	157	0.2	0.4	77	0.2	0.3	205
9/6/2024 17:00	0.2	1.5	172	0.2	0.4	205	0.2	0.4	195
9/6/2024 16:30	0.2	3.5	164	0.2	1.0	205	0.2	1.3	177
9/6/2024 16:00	0.2	3.0	165	0.2	0.8	178	0.2	1.1	182
9/6/2024 15:30	0.2	1.6	199	0.2	0.6	183	0.2	0.7	177
9/6/2024 15:00	0.2	2.2	161	0.2	1.2	198	0.2	1.1	181
9/6/2024 14:30	0.2	3.7	154	0.2	1.0	165	0.2	1.1	113
9/6/2024 14:00	0.2	2.5	150	0.2	0.6	46	0.2	1.0	70
9/6/2024 13:30	0.2	1.8	120	0.2	1.2	62	0.2	0.8	67
9/6/2024 13:00	0.2	2.8	83	0.2	1.6	118	0.2	1.8	57
9/6/2024 12:30	0.2	4.4	30	0.2	1.3	81	0.2	1.6	19
9/6/2024 12:00	0.2	4.5	35	0.2	1.5	34	0.2	1.8	51
9/6/2024 11:30	0.2	5.8	28	0.2	2.6	13	0.2	1.8	36
9/6/2024 11:00	0.2	6.8	33	0.2	2.2	17	0.2	2.5	41
9/6/2024 10:30	0.6	7.3	21	0.2	2.1	40	0.2	3.0	29
9/6/2024 10:00	0.6	5.6	26	0.2	1.8	16	0.2	1.8	32
9/6/2024 9:30	2.2	3.7	17	0.2	1.9	359	0.2	1.7	17
9/6/2024 9:00	4.4	4.4	28	0.2	1.8	357	0.2	1.6	4
9/6/2024 8:30	5.5	5.2	28	0.2	2.3	1	0.2	1.6	17
9/6/2024 8:00	6.4	5.6	27	0.2	1.6	10	0.2	1.7	9
9/6/2024 7:30	12.6	5.9	34	0.2	0.7	21	0.2	1.3	13
9/6/2024 7:00	15.9	3.9	37	0.2	1.3	15	0.2	0.8	2
9/6/2024 6:30	6.4	3.3	42	0.2	0.3	10	0.2	0.3	251
9/6/2024 6:00	11.4	3.6	32	0.2	0.5	30	0.2	0.5	345
9/6/2024 5:30	7.3	2.5	46	0.2	0.4	18	0.2	0.2	301
9/6/2024 5:00	12.0	3.0	41	0.2	0.4	37	0.2	0.2	245
9/6/2024 4:30	19.2	3.5	26	0.2	0.3	48	0.2	0.2	281
9/6/2024 4:00	18.9	3.7	16	0.2	0.2	43	0.2	0.2	342
9/6/2024 3:30	19.5	3.3	16	0.2	0.3	50	0.2	0.2	323
9/6/2024 3:00	23.3	4.2	23	0.2	0.4	46	0.2	0.2	269
9/6/2024 2:30	18.1	4.5	25	0.2	0.7	36	0.2	0.2	282
9/6/2024 2:00	11.8	2.5	40	0.2	0.3	30	0.2	0.2	301
9/6/2024 1:30	16.3	2.1	39	0.2	0.3	30	AX	0.3	271
9/6/2024 1:00	6.7	1.1	37	AX	0.4	31	0.2	0.2	274
9/6/2024 0:30	AX	1.2	54	0.2	0.5	11	0.2	0.3	257

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