



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 01, 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
10/25/2024 00:00	10/31/2024 23:59	8.4	0.3	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

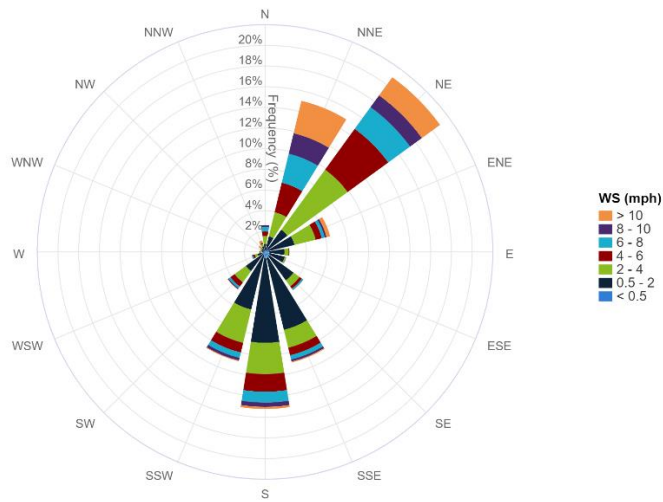
Attachments:

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 10/25/2024 00:00 to 10/31/2024 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
10/19/2024 00:00	10/25/2024 23:59	10.9	0.2	0.2	10/25/2024	15.6	0.2	0.3
10/20/2024 00:00	10/26/2024 23:59	11.6	0.3	0.3	10/26/2024	13.3	0.7	0.7
10/21/2024 00:00	10/27/2024 23:59	11.0	0.3	0.3	10/27/2024	3.6	0.3	0.2
10/22/2024 00:00	10/28/2024 23:59	10.5	0.3	0.3	10/28/2024	4.6	0.2	0.2
10/23/2024 00:00	10/29/2024 23:59	10.2	0.3	0.3	10/29/2024	7.0	0.2	0.2
10/24/2024 00:00	10/30/2024 23:59	10.6	0.3	0.3	10/30/2024	11.0	0.2	0.4
10/25/2024 00:00	10/31/2024 23:59	8.4	0.3	0.4	10/31/2024	4.0	0.4	0.7

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
11/1/2024 0:00	0.6	2.0	199	0.9	0.3	33	0.8	0.6	103
10/31/2024 23:30	0.4	1.9	184	0.9	0.7	61	1.6	0.6	26
10/31/2024 23:00	0.2	3.0	212	1.3	1.0	354	1.2	0.6	2
10/31/2024 22:30	0.5	2.5	195	1.6	0.2	101	1.0	0.3	155
10/31/2024 22:00	0.7	1.6	173	1.0	0.5	62	1.0	0.2	87
10/31/2024 21:30	0.2	1.9	220	1.7	0.5	60	0.8	0.6	336
10/31/2024 21:00	0.5	1.4	199	0.4	0.2	182	0.2	0.3	337
10/31/2024 20:30	0.2	1.9	222	0.2	0.3	308	0.2	0.3	266
10/31/2024 20:00	1.9	1.3	173	0.2	0.2	57	0.2	0.2	119
10/31/2024 19:30	1.3	1.6	186	0.2	0.3	54	0.2	0.2	60
10/31/2024 19:00	0.8	1.6	200	0.2	0.4	56	0.2	0.3	18
10/31/2024 18:30	0.8	2.2	203	0.2	0.3	50	0.2	0.2	353
10/31/2024 18:00	0.2	2.5	204	0.2	0.7	80	0.2	0.2	315
10/31/2024 17:30	1.3	3.0	167	0.2	0.8	141	0.2	0.5	241
10/31/2024 17:00	0.4	3.8	155	0.2	1.6	182	0.2	1.6	168
10/31/2024 16:30	0.2	5.2	174	0.2	3.0	196	0.2	2.1	175
10/31/2024 16:00	0.2	5.8	185	0.2	3.6	217	1.0	2.6	194
10/31/2024 15:30	0.4	7.6	185	1.1	4.3	222	2.3	3.4	218
10/31/2024 15:00	0.2	6.9	207	0.2	4.6	210	0.8	3.2	207
10/31/2024 14:30	0.2	6.3	192	0.2	4.8	214	0.9	3.6	203
10/31/2024 14:00	0.6	7.2	182	0.2	4.8	214	0.2	3.8	183
10/31/2024 13:30	1.5	7.4	180	0.2	4.7	203	0.6	3.4	188
10/31/2024 13:00	3.9	6.3	177	0.2	4.1	214	0.4	4.0	203
10/31/2024 12:30	7.2	6.7	186	0.2	5.2	223	0.8	4.0	202
10/31/2024 12:00	2.5	6.7	202	0.2	5.0	223	1.0	3.9	212
10/31/2024 11:30	2.3	7.3	199	0.2	5.3	208	0.7	4.1	205
10/31/2024 11:00	1.7	8.9	179	0.2	4.7	209	1.2	4.6	210
10/31/2024 10:30	1.1	8.7	188	0.2	3.8	205	0.5	3.5	198
10/31/2024 10:00	1.7	4.7	178	0.2	3.3	205	1.0	3.1	189
10/31/2024 9:30	3.0	2.7	182	1.1	1.7	205	1.8	1.1	139
10/31/2024 9:00	3.9	0.4	127	3.1	0.2	287	2.4	0.3	89
10/31/2024 8:30	3.5	0.6	172	0.2	0.2	349	2.7	0.5	40
10/31/2024 8:00	1.6	0.9	172	0.4	0.2	17	1.2	0.4	27
10/31/2024 7:30	3.4	1.1	181	0.2	0.2	351	0.2	0.6	5
10/31/2024 7:00	5.6	1.1	182	0.2	0.2	339	0.2	0.2	4
10/31/2024 6:30	4.0	1.0	180	0.2	0.2	345	0.2	0.2	16
10/31/2024 6:00	5.7	0.9	191	0.2	0.2	338	0.2	0.2	34
10/31/2024 5:30	6.7	1.7	185	0.2	0.2	348	0.2	0.2	129
10/31/2024 5:00	7.9	1.3	183	0.2	0.2	33	0.2	0.2	70
10/31/2024 4:30	19.1	1.5	171	0.2	0.2	47	0.2	0.3	74
10/31/2024 4:00	2.3	1.5	192	0.2	0.2	15	0.2	0.2	334
10/31/2024 3:30	4.9	0.8	169	0.2	0.2	34	0.2	0.2	22
10/31/2024 3:00	15.9	0.9	159	0.2	0.2	33	0.2	0.3	27
10/31/2024 2:30	10.4	1.1	181	0.2	0.2	35	0.2	0.3	76
10/31/2024 2:00	20.2	1.1	183	0.2	0.2	40	0.2	0.3	35
10/31/2024 1:30	23.9	1.3	181	0.2	0.2	35	AX	0.3	81
10/31/2024 1:00	12.4	1.4	189	AX	0.2	39	0.2	0.3	25
10/31/2024 0:30	AX	1.3	201	0.2	0.2	12	0.2	0.3	330

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
10/31/2024 0:00	19.2	1.2	185	0.2	0.2	26	0.2	0.3	84
10/30/2024 23:30	31.4	1.0	158	0.2	0.2	52	0.2	0.2	51
10/30/2024 23:00	26.9	1.3	199	0.2	0.2	30	0.2	0.2	343
10/30/2024 22:30	29.7	1.3	192	0.2	0.2	7	0.2	0.2	306
10/30/2024 22:00	27.7	1.1	174	0.2	0.2	214	0.2	0.2	59
10/30/2024 21:30	34.3	1.0	177	0.2	0.2	56	0.2	0.2	12
10/30/2024 21:00	23.7	1.1	190	0.2	0.2	54	0.2	0.2	354
10/30/2024 20:30	18.8	1.2	189	0.2	0.2	41	0.2	0.2	335
10/30/2024 20:00	13.2	1.1	179	0.2	0.2	44	0.2	0.2	20
10/30/2024 19:30	26.6	0.7	159	0.2	0.2	57	0.2	0.2	41
10/30/2024 19:00	8.4	1.8	181	0.2	0.2	57	1.2	0.2	310
10/30/2024 18:30	8.1	2.1	198	0.2	0.2	156	1.4	0.2	312
10/30/2024 18:00	6.1	1.9	184	0.2	0.2	169	2.4	0.3	33
10/30/2024 17:30	22.9	2.0	167	0.2	0.5	186	1.9	0.2	235
10/30/2024 17:00	12.4	3.8	180	0.2	2.2	210	0.8	1.4	199
10/30/2024 16:30	5.5	4.7	181	0.2	2.5	221	0.5	2.0	210
10/30/2024 16:00	4.8	4.9	180	0.2	3.8	219	0.6	2.5	197
10/30/2024 15:30	4.6	5.6	176	0.2	3.8	214	0.7	3.4	214
10/30/2024 15:00	5.2	5.8	174	0.2	3.6	209	1.0	2.5	207
10/30/2024 14:30	4.1	3.7	199	0.2	3.0	214	0.6	2.2	220
10/30/2024 14:00	4.3	3.9	182	0.2	2.6	201	0.2	1.9	190
10/30/2024 13:30	1.9	4.0	200	0.2	3.2	214	0.4	2.9	210
10/30/2024 13:00	1.6	4.1	191	0.2	4.1	243	1.0	2.9	221
10/30/2024 12:30	0.6	4.2	188	0.2	3.0	204	0.2	3.3	185
10/30/2024 12:00	0.2	5.8	182	0.2	3.8	211	0.2	3.3	201
10/30/2024 11:30	0.2	5.6	146	0.2	3.8	206	0.2	3.3	193
10/30/2024 11:00	0.2	3.3	166	0.4	2.9	221	1.6	1.4	207
10/30/2024 10:30	0.9	1.2	215	0.2	1.5	225	0.2	1.0	70
10/30/2024 10:00	1.3	1.2	15	0.2	0.9	174	0.2	1.1	64
10/30/2024 9:30	4.8	1.4	358	0.2	1.0	293	0.2	0.8	40
10/30/2024 9:00	12.5	2.4	47	0.2	0.4	21	0.2	0.6	72
10/30/2024 8:30	14.1	2.2	55	0.2	0.7	0	0.2	0.8	15
10/30/2024 8:00	27.1	2.0	54	0.2	1.1	7	0.2	0.7	30
10/30/2024 7:30	12.1	1.4	43	0.2	0.6	25	0.2	0.3	21
10/30/2024 7:00	15.6	1.3	76	0.2	0.3	31	0.2	0.5	19
10/30/2024 6:30	8.9	0.4	122	0.2	0.4	40	0.2	0.3	12
10/30/2024 6:00	8.9	0.8	140	0.2	0.3	23	0.2	0.2	2
10/30/2024 5:30	5.9	1.5	66	0.2	0.6	71	0.2	0.3	13
10/30/2024 5:00	3.0	1.1	55	0.2	0.5	32	0.2	0.3	321
10/30/2024 4:30	13.8	0.9	144	0.2	0.5	3	0.2	0.3	311
10/30/2024 4:00	7.1	1.6	73	0.2	0.3	50	0.2	0.2	346
10/30/2024 3:30	8.4	2.2	62	0.2	0.6	40	0.2	0.4	34
10/30/2024 3:00	3.0	0.9	90	0.2	0.6	66	0.2	0.3	39
10/30/2024 2:30	9.1	0.6	120	0.2	0.3	44	0.2	0.4	11
10/30/2024 2:00	5.2	0.4	186	0.2	0.3	25	0.2	0.3	12
10/30/2024 1:30	5.0	0.5	167	0.2	0.3	347	AX	0.3	240
10/30/2024 1:00	5.6	0.6	110	AX	0.8	28	0.2	0.3	13
10/30/2024 0:30	AX	0.8	174	0.2	0.6	353	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
10/30/2024 0:00	7.5	0.7	136	0.2	0.5	35	0.2	0.3	61
10/29/2024 23:30	13.9	0.9	173	0.2	0.4	49	0.2	0.3	34
10/29/2024 23:00	12.6	0.8	130	0.2	0.3	46	0.2	0.4	37
10/29/2024 22:30	13.9	0.9	185	0.2	0.3	36	0.2	0.6	342
10/29/2024 22:00	3.6	1.7	139	0.2	0.4	296	0.2	0.7	166
10/29/2024 21:30	5.6	2.0	67	0.2	0.7	59	0.2	0.5	27
10/29/2024 21:00	10.6	0.8	73	0.2	0.5	60	0.2	0.5	16
10/29/2024 20:30	15.2	0.7	161	0.2	0.2	41	0.2	0.3	291
10/29/2024 20:00	19.6	0.7	113	0.2	0.5	95	0.2	0.3	336
10/29/2024 19:30	5.3	1.1	140	0.2	0.3	232	0.2	0.2	269
10/29/2024 19:00	1.8	0.9	164	0.2	0.3	38	0.2	0.3	0
10/29/2024 18:30	0.8	1.2	150	0.2	0.5	57	0.2	0.4	352
10/29/2024 18:00	1.4	1.2	158	0.2	0.5	40	0.2	0.5	121
10/29/2024 17:30	1.3	1.1	133	0.2	0.3	69	0.2	0.5	202
10/29/2024 17:00	0.2	2.7	53	0.2	0.2	81	0.2	0.4	225
10/29/2024 16:30	0.2	5.0	32	0.2	0.5	46	0.2	0.8	47
10/29/2024 16:00	0.4	3.8	54	0.2	0.8	56	0.2	1.1	65
10/29/2024 15:30	0.2	4.5	50	0.2	0.5	68	0.2	1.0	55
10/29/2024 15:00	0.2	2.2	42	0.2	0.5	66	0.2	1.0	69
10/29/2024 14:30	1.0	1.7	53	0.2	1.2	22	0.2	0.6	340
10/29/2024 14:00	0.2	2.1	63	0.2	1.1	9	0.2	0.4	256
10/29/2024 13:30	0.2	2.8	67	0.2	0.6	87	0.2	1.0	44
10/29/2024 13:00	0.2	3.5	51	0.2	1.0	48	0.2	1.6	70
10/29/2024 12:30	0.2	4.3	46	0.2	1.7	24	0.2	1.4	43
10/29/2024 12:00	0.2	3.0	54	0.2	2.1	33	0.2	1.8	34
10/29/2024 11:30	0.9	2.3	1	0.2	1.4	40	0.2	1.6	29
10/29/2024 11:00	0.2	2.3	49	0.2	1.4	46	0.2	1.5	77
10/29/2024 10:30	0.5	3.6	49	0.2	1.8	41	0.2	1.9	48
10/29/2024 10:00	2.4	2.1	18	0.2	1.4	11	0.2	0.9	36
10/29/2024 9:30	2.6	1.9	2	0.2	1.6	342	0.2	0.9	21
10/29/2024 9:00	3.1	2.0	31	0.2	0.6	339	0.2	0.7	69
10/29/2024 8:30	3.9	4.6	43	0.2	0.9	16	0.2	1.7	1
10/29/2024 8:00	14.1	3.1	37	0.2	0.8	14	0.2	1.2	3
10/29/2024 7:30	13.0	3.8	35	0.2	0.9	16	0.2	0.3	42
10/29/2024 7:00	11.1	3.9	38	0.2	0.6	39	0.2	0.4	38
10/29/2024 6:30	14.0	5.2	37	0.2	0.6	48	0.2	0.6	21
10/29/2024 6:00	13.5	3.7	32	0.2	0.7	45	0.2	0.3	30
10/29/2024 5:30	14.5	4.3	41	0.2	0.5	57	0.2	0.4	48
10/29/2024 5:00	17.1	3.3	43	0.2	0.7	58	0.2	0.3	78
10/29/2024 4:30	13.1	3.0	42	0.2	0.7	39	0.2	0.3	338
10/29/2024 4:00	11.7	2.8	43	0.2	0.6	22	0.2	0.3	2
10/29/2024 3:30	15.4	2.7	51	0.2	0.5	37	0.2	0.3	4
10/29/2024 3:00	19.8	3.0	38	0.2	0.7	41	0.2	0.2	38
10/29/2024 2:30	11.4	3.2	43	0.2	0.9	10	0.2	0.4	12
10/29/2024 2:00	9.1	3.2	55	0.2	0.9	33	0.2	0.6	13
10/29/2024 1:30	9.4	2.2	61	0.2	0.7	60	AX	1.3	12
10/29/2024 1:00	10.9	1.1	98	AX	0.5	36	0.2	0.4	332
10/29/2024 0:30	AX	1.4	63	0.2	0.4	20	0.2	0.2	300

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
10/29/2024 0:00	1.4	2.0	52	0.2	0.7	14	0.2	0.2	319
10/28/2024 23:30	12.3	2.2	50	0.2	0.3	26	0.2	0.3	349
10/28/2024 23:00	3.5	2.1	55	0.2	0.2	32	0.2	0.3	5
10/28/2024 22:30	2.7	2.5	45	0.2	0.4	20	0.2	0.3	27
10/28/2024 22:00	2.7	2.3	67	0.2	0.6	46	0.2	0.6	26
10/28/2024 21:30	13.2	0.7	148	0.2	0.6	25	0.2	0.3	47
10/28/2024 21:00	19.9	1.3	183	0.2	0.7	31	0.2	0.4	7
10/28/2024 20:30	8.3	1.0	187	0.2	0.6	63	0.2	0.2	318
10/28/2024 20:00	13.0	1.5	189	0.2	0.4	32	0.2	0.2	14
10/28/2024 19:30	11.0	1.0	161	0.2	0.5	62	0.2	0.3	274
10/28/2024 19:00	11.0	1.5	176	0.2	0.2	39	0.2	0.3	293
10/28/2024 18:30	8.0	1.2	175	0.2	0.3	46	0.2	0.3	337
10/28/2024 18:00	7.3	1.5	178	0.2	0.3	58	0.2	0.3	330
10/28/2024 17:30	4.2	1.3	228	0.2	0.4	38	0.2	0.5	247
10/28/2024 17:00	0.2	4.6	9	0.2	1.6	318	0.2	0.4	262
10/28/2024 16:30	0.4	4.9	10	0.2	2.6	333	0.2	0.7	323
10/28/2024 16:00	0.2	4.3	2	0.2	2.3	347	0.2	1.7	54
10/28/2024 15:30	0.4	3.6	50	0.2	2.9	310	0.2	1.4	14
10/28/2024 15:00	0.2	4.5	28	0.2	2.5	309	0.2	1.2	330
10/28/2024 14:30	0.2	3.3	2	0.2	3.4	329	0.2	2.5	1
10/28/2024 14:00	0.2	3.5	250	0.2	3.3	312	0.2	1.7	340
10/28/2024 13:30	0.2	3.1	258	0.2	3.0	283	0.2	1.9	4
10/28/2024 13:00	0.5	2.7	296	0.2	3.2	300	0.2	1.8	265
10/28/2024 12:30	1.5	2.5	24	0.2	1.5	325	0.2	1.6	15
10/28/2024 12:00	0.2	2.3	16	0.2	1.7	13	0.2	1.2	92
10/28/2024 11:30	0.2	4.2	50	0.2	1.7	35	0.2	2.3	49
10/28/2024 11:00	0.2	4.5	42	0.2	1.4	47	0.2	2.3	49
10/28/2024 10:30	0.5	4.4	35	0.2	1.6	35	0.2	2.1	32
10/28/2024 10:00	1.2	4.4	26	0.2	1.8	14	0.2	1.5	38
10/28/2024 9:30	1.5	5.9	26	0.2	2.2	9	0.2	1.9	9
10/28/2024 9:00	2.4	5.9	40	0.2	1.8	24	0.2	2.1	19
10/28/2024 8:30	3.3	6.9	36	0.2	1.1	36	0.2	1.5	25
10/28/2024 8:00	4.2	6.7	36	0.2	1.2	37	0.2	1.4	25
10/28/2024 7:30	5.6	6.2	31	0.2	1.1	38	0.2	1.2	13
10/28/2024 7:00	4.8	6.6	31	0.2	1.0	23	0.2	1.0	3
10/28/2024 6:30	4.6	6.4	28	0.2	1.4	22	0.2	1.5	2
10/28/2024 6:00	2.4	5.6	32	0.2	0.8	32	0.2	1.2	17
10/28/2024 5:30	0.7	5.8	49	0.2	0.5	51	0.2	1.1	48
10/28/2024 5:00	2.8	4.9	49	0.2	0.4	37	0.2	0.7	33
10/28/2024 4:30	4.6	3.3	47	0.2	0.6	357	0.2	0.3	39
10/28/2024 4:00	5.1	2.8	49	0.2	0.4	3	0.2	0.2	50
10/28/2024 3:30	7.5	2.4	48	0.2	1.0	4	0.2	0.3	78
10/28/2024 3:00	10.7	2.5	42	0.2	0.7	31	0.2	0.3	24
10/28/2024 2:30	3.0	3.2	51	0.2	0.9	44	0.2	0.2	300
10/28/2024 2:00	4.2	4.3	48	0.2	0.4	35	0.2	0.8	60
10/28/2024 1:30	9.3	4.4	43	0.2	0.6	27	AX	0.9	25
10/28/2024 1:00	16.3	5.4	22	AX	0.5	56	0.2	0.4	51
10/28/2024 0:30	AX	5.8	24	0.2	0.7	38	0.2	0.6	28

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
10/28/2024 0:00	16.7	4.3	38	0.2	0.8	49	0.2	0.8	28
10/27/2024 23:30	8.1	6.2	16	0.2	0.7	31	0.2	0.2	131
10/27/2024 23:00	4.1	6.1	10	0.2	0.9	348	0.2	0.3	266
10/27/2024 22:30	1.7	4.1	42	0.2	0.5	25	0.2	0.5	25
10/27/2024 22:00	2.5	5.4	43	0.2	0.3	56	0.2	1.2	3
10/27/2024 21:30	3.0	5.2	42	0.2	0.5	52	0.2	1.1	7
10/27/2024 21:00	14.4	7.1	17	0.2	0.9	54	0.2	1.3	17
10/27/2024 20:30	2.0	6.6	29	0.2	0.9	14	0.2	1.6	7
10/27/2024 20:00	0.9	5.0	33	0.2	0.7	23	0.2	1.2	11
10/27/2024 19:30	1.4	6.4	40	0.2	0.7	40	0.2	1.0	30
10/27/2024 19:00	1.2	6.7	46	0.2	0.4	88	0.2	1.6	34
10/27/2024 18:30	2.4	8.7	33	0.2	0.7	60	0.2	2.4	33
10/27/2024 18:00	2.5	10.1	33	0.2	0.9	53	0.2	2.4	33
10/27/2024 17:30	1.8	8.4	37	0.2	0.9	60	0.2	1.8	35
10/27/2024 17:00	0.5	6.2	46	0.2	0.5	57	0.2	2.5	36
10/27/2024 16:30	0.2	6.8	48	0.2	0.4	62	0.2	1.8	45
10/27/2024 16:00	0.7	7.4	40	0.2	0.9	55	0.2	2.2	40
10/27/2024 15:30	1.1	9.4	31	0.2	1.4	51	0.2	3.0	31
10/27/2024 15:00	0.6	10.1	38	0.2	1.9	53	0.2	3.2	41
10/27/2024 14:30	0.6	10.2	47	0.2	1.2	72	0.2	2.7	45
10/27/2024 14:00	0.8	10.9	30	0.2	2.3	41	0.2	3.1	41
10/27/2024 13:30	1.0	10.5	32	0.2	1.8	60	0.2	2.8	27
10/27/2024 13:00	2.3	12.1	27	0.2	2.3	50	0.2	3.1	37
10/27/2024 12:30	0.6	9.0	43	0.2	1.7	64	0.2	2.9	32
10/27/2024 12:00	0.4	9.5	47	0.2	1.6	75	0.2	3.5	50
10/27/2024 11:30	3.5	12.8	36	0.2	2.0	75	0.2	3.5	45
10/27/2024 11:00	1.4	14.2	45	0.2	2.1	60	0.2	5.1	37
10/27/2024 10:30	4.1	14.6	36	0.2	2.1	53	0.2	5.6	41
10/27/2024 10:00	5.1	15.8	29	0.2	3.0	46	0.2	3.9	38
10/27/2024 9:30	3.0	13.1	30	0.2	2.5	36	0.2	3.9	29
10/27/2024 9:00	2.4	13.4	42	0.2	1.9	76	0.2	4.6	44
10/27/2024 8:30	2.0	11.9	37	0.2	1.5	59	0.2	5.0	41
10/27/2024 8:00	1.5	12.5	39	0.2	2.2	52	0.2	4.2	37
10/27/2024 7:30	0.2	11.3	54	0.2	1.7	63	0.2	4.4	51
10/27/2024 7:00	0.2	10.6	55	0.2	1.4	70	0.2	4.1	48
10/27/2024 6:30	0.9	10.3	53	0.2	1.9	65	0.2	4.6	51
10/27/2024 6:00	1.7	9.8	31	0.2	0.9	80	0.2	2.6	28
10/27/2024 5:30	4.1	9.6	28	0.2	0.6	81	0.2	2.2	22
10/27/2024 5:00	2.6	9.9	30	0.2	1.6	38	0.2	2.6	19
10/27/2024 4:30	2.4	9.5	30	0.2	1.3	62	0.2	2.6	20
10/27/2024 4:00	11.1	6.9	30	0.2	0.6	98	0.2	2.3	19
10/27/2024 3:30	16.0	8.4	15	0.2	1.1	65	0.2	2.3	5
10/27/2024 3:00	11.3	9.7	18	0.2	1.4	52	0.2	2.8	13
10/27/2024 2:30	4.4	10.0	25	0.6	1.6	54	1.5	2.6	19
10/27/2024 2:00	5.9	11.4	24	2.9	1.9	45	BF	2.8	20
10/27/2024 1:30	8.1	10.9	22	BF	1.9	35	BF	2.9	15
10/27/2024 1:00	BF	7.7	30	BF	0.9	49	0.2	2.4	24
10/27/2024 0:30	BF	7.2	33	0.2	0.8	89	0.2	1.9	29

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
10/27/2024 0:00	1.5	9.1	31	0.2	0.8	77	0.2	2.6	25
10/26/2024 23:30	7.3	8.4	36	0.2	0.7	82	0.2	3.0	29
10/26/2024 23:00	17.8	5.7	11	0.2	0.7	85	0.2	2.2	7
10/26/2024 22:30	13.9	6.3	18	0.2	1.1	58	0.2	2.2	6
10/26/2024 22:00	5.3	8.3	17	0.2	2.0	23	0.2	2.5	359
10/26/2024 21:30	0.9	4.3	46	0.2	1.0	30	0.2	0.9	26
10/26/2024 21:00	6.1	2.7	153	0.4	1.2	136	3.7	1.3	112
10/26/2024 20:30	6.3	3.7	203	0.5	1.0	197	2.9	0.9	281
10/26/2024 20:00	6.6	2.4	203	0.2	1.0	182	0.6	0.9	216
10/26/2024 19:30	12.3	1.1	227	0.2	0.8	194	0.2	0.8	216
10/26/2024 19:00	3.1	2.1	92	0.2	0.8	156	0.2	1.1	244
10/26/2024 18:30	16.9	4.2	90	0.2	1.3	99	0.2	1.9	92
10/26/2024 18:00	1.8	12.5	337	0.2	4.8	328	0.2	1.4	317
10/26/2024 17:30	2.8	19.2	309	0.2	8.5	318	0.2	3.8	322
10/26/2024 17:00	92.7	2.1	180	0.2	0.6	44	0.2	0.8	220
10/26/2024 16:30	40.7	1.6	175	0.2	1.5	3	0.2	0.5	254
10/26/2024 16:00	15.4	2.3	140	0.2	0.8	52	0.2	0.6	10
10/26/2024 15:30	18.8	1.7	139	0.2	1.2	93	0.2	1.0	124
10/26/2024 15:00	9.3	1.7	122	0.2	1.5	272	0.2	1.3	11
10/26/2024 14:30	8.8	1.9	191	0.6	1.7	180	0.6	1.3	183
10/26/2024 14:00	12.9	2.3	166	0.2	1.6	122	0.2	1.1	22
10/26/2024 13:30	2.6	2.4	150	0.2	1.7	155	0.2	1.5	246
10/26/2024 13:00	2.3	2.0	36	0.2	1.7	217	0.2	1.4	160
10/26/2024 12:30	1.9	1.8	341	0.2	1.7	297	0.2	0.7	80
10/26/2024 12:00	2.2	1.2	6	0.2	1.0	237	0.2	0.9	134
10/26/2024 11:30	4.0	1.5	65	0.5	0.8	275	0.4	1.1	192
10/26/2024 11:00	7.4	1.3	19	2.3	1.2	72	1.3	0.9	88
10/26/2024 10:30	5.1	1.6	76	9.5	1.5	99	6.4	1.2	60
10/26/2024 10:00	18.1	1.6	158	9.3	1.5	193	4.7	1.4	98
10/26/2024 9:30	16.1	1.2	184	1.4	1.3	161	0.2	1.0	163
10/26/2024 9:00	6.9	1.6	96	0.9	0.7	222	0.7	1.1	131
10/26/2024 8:30	2.1	2.8	47	1.0	1.2	357	1.3	1.2	7
10/26/2024 8:00	6.6	1.1	77	0.5	0.7	22	0.7	0.5	51
10/26/2024 7:30	16.3	1.4	89	0.2	0.6	46	0.2	0.4	54
10/26/2024 7:00	23.9	1.5	164	0.2	0.6	51	0.2	0.4	52
10/26/2024 6:30	17.8	1.4	187	0.5	0.3	12	0.6	0.3	269
10/26/2024 6:00	10.4	1.6	175	0.8	0.4	114	0.9	0.5	192
10/26/2024 5:30	16.2	1.2	182	0.2	0.6	44	0.6	0.5	2
10/26/2024 5:00	19.7	1.1	183	0.2	0.4	34	0.2	0.3	349
10/26/2024 4:30	7.3	1.3	134	0.2	0.6	41	0.2	0.4	36
10/26/2024 4:00	15.9	1.3	187	0.2	0.5	33	0.2	0.3	54
10/26/2024 3:30	27.9	1.5	176	0.2	0.4	39	0.2	0.5	48
10/26/2024 3:00	25.4	1.4	172	0.2	0.3	39	0.2	0.3	30
10/26/2024 2:30	32.5	1.4	181	0.2	0.3	356	0.2	0.2	281
10/26/2024 2:00	1.7	1.1	188	0.2	0.3	347	0.2	0.2	213
10/26/2024 1:30	25.2	0.8	190	0.2	0.3	17	AX	0.3	356
10/26/2024 1:00	7.6	1.6	180	AX	0.2	344	0.2	0.2	28
10/26/2024 0:30	AX	1.0	170	0.2	0.3	13	0.2	0.3	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
10/26/2024 0:00	3.2	1.7	196	0.2	0.2	317	0.2	0.2	222
10/25/2024 23:30	36.7	1.6	170	0.2	0.3	54	0.4	0.3	99
10/25/2024 23:00	59.5	1.0	173	0.2	0.6	28	0.5	0.4	27
10/25/2024 22:30	14.8	1.3	158	0.2	0.3	33	0.4	0.3	56
10/25/2024 22:00	2.4	2.4	208	0.2	0.7	97	0.7	0.5	38
10/25/2024 21:30	10.3	1.9	198	0.2	0.3	127	0.9	0.3	288
10/25/2024 21:00	13.7	1.4	211	0.2	0.5	34	0.4	0.3	215
10/25/2024 20:30	12.0	1.7	204	0.2	0.6	4	0.2	0.6	280
10/25/2024 20:00	14.8	1.6	174	0.2	0.3	62	0.2	0.3	335
10/25/2024 19:30	22.9	1.5	197	0.2	0.2	33	0.2	0.3	325
10/25/2024 19:00	79.1	1.4	177	0.2	0.4	70	0.2	0.3	33
10/25/2024 18:30	20.5	2.1	203	0.2	0.3	60	0.2	0.3	12
10/25/2024 18:00	47.1	2.6	195	0.2	0.3	279	0.2	0.3	294
10/25/2024 17:30	49.7	2.1	181	0.2	0.4	45	0.6	0.3	313
10/25/2024 17:00	34.3	2.7	165	0.2	1.0	159	0.5	0.7	207
10/25/2024 16:30	14.7	3.2	175	0.2	2.0	210	0.8	1.6	183
10/25/2024 16:00	12.2	4.2	196	0.6	3.3	230	1.4	2.2	194
10/25/2024 15:30	3.5	4.5	224	0.2	3.6	232	0.7	2.1	229
10/25/2024 15:00	4.7	3.6	195	0.2	2.8	199	0.6	1.8	204
10/25/2024 14:30	3.0	5.3	210	0.5	3.8	230	0.4	3.2	211
10/25/2024 14:00	3.2	5.2	213	0.2	2.8	219	0.2	2.2	171
10/25/2024 13:30	6.3	3.9	169	0.2	2.4	219	0.2	1.8	210
10/25/2024 13:00	4.4	3.4	182	0.2	2.4	198	0.2	2.7	188
10/25/2024 12:30	7.6	4.7	164	0.2	2.9	223	0.2	2.6	212
10/25/2024 12:00	4.2	4.1	181	0.2	2.6	244	0.7	1.8	267
10/25/2024 11:30	2.7	4.6	173	0.2	2.5	204	0.2	2.0	194
10/25/2024 11:00	1.6	2.2	190	0.2	1.6	156	0.2	1.8	136
10/25/2024 10:30	2.9	2.1	181	0.2	1.2	107	0.2	1.9	173
10/25/2024 10:00	3.4	2.4	25	0.2	1.0	28	0.2	1.2	62
10/25/2024 9:30	4.7	2.8	52	0.2	0.6	38	0.2	1.0	77
10/25/2024 9:00	6.4	4.2	42	0.2	1.8	352	0.2	1.4	15
10/25/2024 8:30	11.1	4.0	43	0.2	0.9	344	0.2	1.6	4
10/25/2024 8:00	10.2	2.7	27	0.2	0.5	320	0.2	0.5	10
10/25/2024 7:30	13.5	2.7	50	0.2	0.8	343	0.2	0.5	356
10/25/2024 7:00	1.8	4.7	49	0.2	0.7	340	0.2	0.5	79
10/25/2024 6:30	6.0	4.3	51	0.2	0.7	22	0.2	0.8	64
10/25/2024 6:00	12.0	3.7	45	0.2	0.9	29	0.2	0.9	23
10/25/2024 5:30	16.4	2.0	47	0.2	0.5	43	0.2	0.7	9
10/25/2024 5:00	5.6	1.7	176	0.2	0.6	41	0.2	0.7	354
10/25/2024 4:30	21.9	1.0	173	0.2	0.4	20	0.2	0.4	16
10/25/2024 4:00	7.4	1.2	190	0.2	0.4	22	0.2	0.3	13
10/25/2024 3:30	9.3	1.1	191	0.2	0.5	357	0.2	0.4	293
10/25/2024 3:00	17.0	1.3	165	0.2	0.5	357	0.2	0.3	314
10/25/2024 2:30	26.6	1.3	124	0.2	0.5	27	0.2	0.3	343
10/25/2024 2:00	21.2	1.8	89	0.2	0.3	38	0.2	0.3	41
10/25/2024 1:30	8.7	1.0	123	0.2	0.8	9	AX	0.4	1
10/25/2024 1:00	35.8	0.9	130	AX	0.7	10	0.2	0.3	1
10/25/2024 0:30	AX	1.3	185	0.2	0.5	42	0.2	0.4	16

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