May 19, 2025



Charlie Lynch
Chief Engineer, Wastewater Department
City of Tampa Howard F. Curren Wastewater Treatment Plant
2700 Maritime Blvd
Tampa, FL 33605
Copy via email: Charlie.Lynch@tampagov.net

Re: Preliminary Odor Monitoring Results, City of Tampa Howard F. Curren Advanced Wastewater Treatment Plant, 2700 Maritime Blvd. Tampa, FL 33605

Dear Mr. Lynch:

This report presents the preliminary odor study monitoring results from the week of May 5 through May 11, 2025. The study was conducted within the Howard F. Curren Advanced Wastewater Treatment Plant (AWTP) and nearby residential properties. Representatives from the City's AWTP utilized a gas meter Jerome Hydrogen Sulfide (H2S) model J605 analyzer. H2S is a common odorific compound that can be generated by AWTPs. This portable H2S meter is capable of measuring down to 2-3 parts per billion (ppb), or below most human odor detection concentration, which is about 10 ppb. The meter can also measure up to 100 parts per million (ppm) H2S. The monitoring crew for the week of May 5 through May 11, 2025, consisted of Javier Moreno, AWT Instrumentation & Controls Specialist, Wastewater Department, City of Tampa, and Roberto Duran, AWT Plant Technician I, Wastewater Department, City of Tampa.

#### **Davis Islands**

The H2S monitoring survey began each day at the Davis Islands residential areas to the west of the AWTP. Six (6) local monitoring locations are depicted on the aerial map in Attachment 1. The Gas Monitoring Survey Form was used to collect important monitoring information, such as time, air temperature, H2S reading, weather conditions, such as wind direction and speed, and the AWTP representatives' personal odor detection comments, see Attachment 2 for the monitoring results for the Davis Islands locations. The Gas Monitoring Survey results at these sites are documented on the form in Attachment 2. The table below is included for convenience and summarizes the locations and concentrations where H2S gas was detected at Davis Islands monitoring locations during the event.

It should be noted that the majority of samples collected on Davis Islands contained no measurable amount of H2S gas. Additionally, the measurable H2S concentrations at these sample points are far below the concentration limits of 10 ppm under OHSA 8-hour Permissible Exposure Limit worker safety regulation standards, and NIOSH recommended exposure limit.

Davis Islands H2S Detections 5/5-5/11/2025						
Date	Location	H2S (ppm/ppb)	Odors			
		7.65 ppb				
5/8/2025	Chippewa/Channel	6.00 ppb	No Odors			
		7.39 ppb				
	Chippewa/Channel	14.33 ppb	Faint digester/H2S odor at times			
		24.84 ppb				
5/9/2025	Channel/E. Davis	30.10 ppb	Faint ammonia odor at times			
		20.51 ppb				
	Chesapeake/Bosphorous	3.02 ppb	No Odors			
	Little League Field	4.55 ppb	No Odors			
5/10/2025	Chippewa/Channel	4.40 ppb	No Odors			
	Cmppewa/Cnamer	5.22 ppb	No Odors			
		3.49 ppb				
	Marjory Park Marina	4.32 ppb	Saltwater smell			
5/11/2025		5.49 ppb				
5/11/2025		9.26 ppb				
	Little League Field	7.02 ppb	No Odors			
		7.23 ppb				

### **Howard F. Curren AWTP**

H2S monitoring was conducted at six (6) strategic sample points (NO.1 - NO.6) at potential odor generating locations within the AWTP, see figure in Attachment 1. The Gas Monitoring Survey Form was used to collect important monitoring information, such as time, air temperature, H2S reading, weather conditions, such as wind direction and speed, and the AWTP representatives' personal odor detection comments, see Attachment 2 for the monitoring results for the AWTP locations. The table below is included for convenience and summarizes the locations and concentrations where H2S gas was detected at Howard F. Curren AWTP monitoring locations during the event.

The measured H2S concentrations at these sample points are far below the concentration limits of 10 ppm under OHSA 8-hour Permissible Exposure Limit worker safety regulation standards, and NIOSH recommended exposure limit.

Howard F. Curren AWTP H2S Detections 5/5-5/11/2025						
Date	Location	H2S (ppm/ppb)	Odors			
	Sampla NO 2 Digastars	0.150 ppm	No Odors			
	Sample NO.2 Digesters	78.45 ppb	No Odols			
		0.159 ppm				
	Sample NO.5 Silo Pads	7.68 ppb	Slight Odor			
5/5/2025		1.46 ppm				
3/3/2023	Sample NO.4 Admin	5.22 ppb	Slight Odor			
	Sample NO.4 Admin	4.87 ppb	Slight Odol			
		113.8 ppb				
	Sample NO.3 Mobility	53.25 ppb	Slight Odor			
		3.36 ppb				
		100.4 ppb				
5/6/2025	Sample NO.5 Silo Pads	23.01 ppb	No Odors			
5/6/2025		5.78 ppb				
	Sample NO.4 Admin	5.66 ppb	No Odors			
		21.50 ppb				
	Sample NO.2 Digesters	0.175 ppm	Earthy smell at times			
		0.167 ppm				
5/7/2025	Sample NO.5 Silo Pads	5.09 ppb	Earthy smell at times			
		3.17 ppb				
	Sample NO.3 Mobility	4.62 ppb	No Odors			
		5.95 ppb				
		119.3 ppb				
5/8/2025	Sample NO.2 Digesters	0.145 ppm	Slightly earthy smell at times			
		118.4 ppb				

		11.70 ppb	
	Sample NO.2 Digesters	7.69 ppb	No Odors
		5.01 ppb	
		107.6 ppb	
	Sample NO.1 Outfall	0.138 ppm	Ammonia odor at times
		0.132 ppm	
		3.96 ppb	
	Sample NO.6 Drying Bed	3.79 ppb	No Odors
5/0/2025		3.63 ppb	
5/9/2025		4.59 ppb	
	Sample NO.5 Silo Pads	4.05 ppb	Earthy smell at times
		3.72 ppb	
		3.66 ppb	
	Sample NO.4 Admin	3.47 ppb	No Odors
		3.30 ppb	
		3.52 ppb	
	Sample NO.3 Mobility	3.31 ppb	No Odors
		3.22 ppb	
		0.188 ppm	
	Sample NO.2 Digesters	34.54 ppb	Earthy smell at times
5/10/2025		25.03 ppb	
5/10/2025		10.52 ppb	
	Sample NO.3 Mobility	5.90 ppb	Earthy smell at times
		7.42 ppb	

		0.301 ppm	
	Sample NO.2 Digesters	0.678 ppm	Earthy smell at times
		0.411 ppm	
	Sample NO.5 Silo Pads  Sample NO. 4 Admin	4.47 ppb	No Odors
5/11/2025		10.62 ppb	
3/11/2023		5.17 ppb	Earthy smell
		13.07 ppb	
		6.34 ppb	
	Sample NO.3 Mobility	6.65 ppb	No Odors
		10.26 ppb	

The City of Tampa Wastewater Department plans to continue conducting daily odor surveys at the same locations. GSE will continue to submit weekly reports presenting the odor study monitoring results for each week.

Thank you for this opportunity to provide our environmental services to your organization. Should you have any questions, please call us at (407) 298-2282.

Respectfully,

**Grove Scientific & Engineering Company** 

Braden Costner Environmental Scientist James E. Golden, P.G

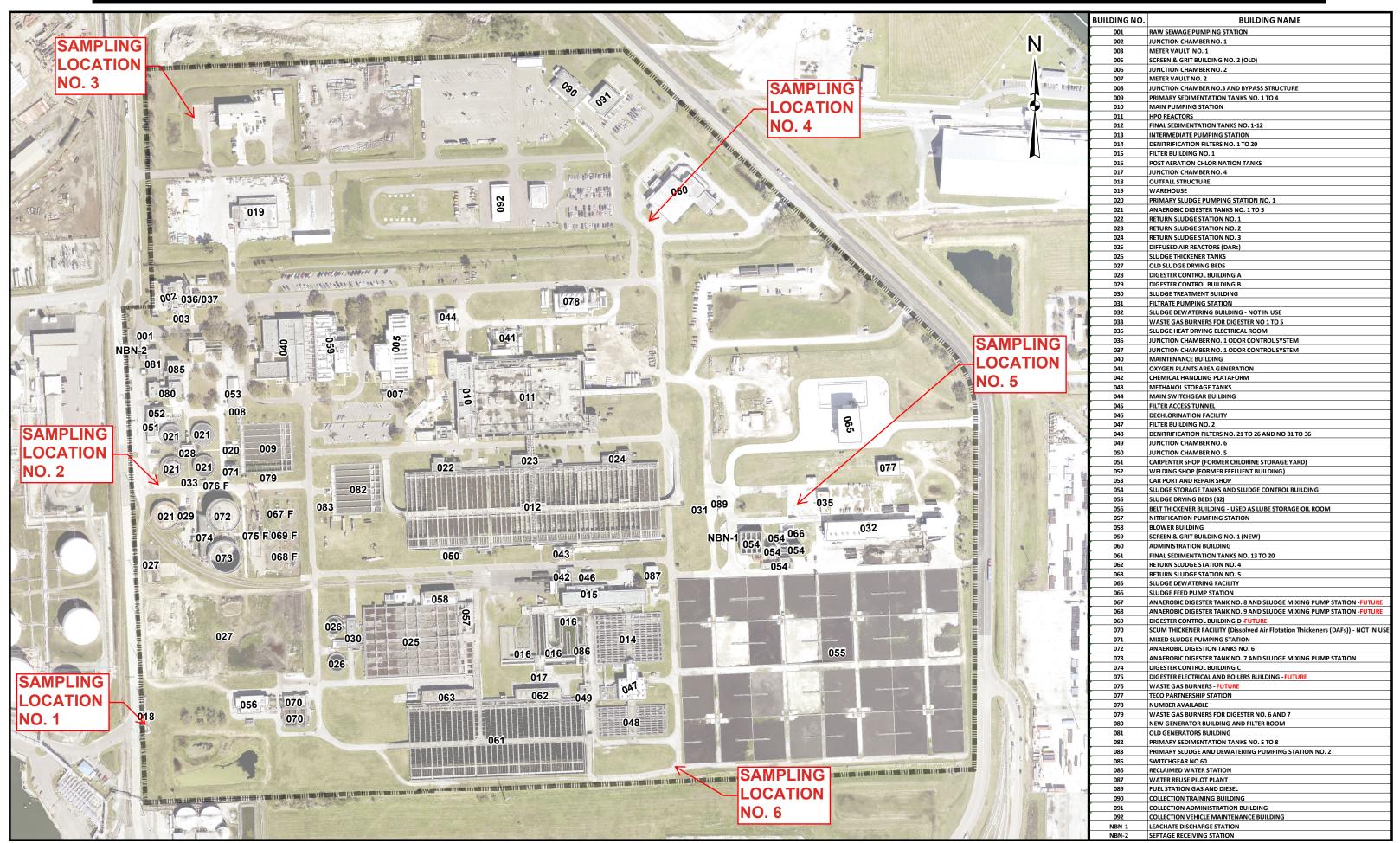
Vice President, Sr. Project Manager

Attachments

## **ATTACHMENT 1**



# Howard F Curren Advanced Wastewater Treatment Plant



# Howard F. Curren WWTP - Davis Island Sampling Locations - 04/07/25

by-suc

Tampa General Hospital Marjory Park Marina Little League Field Chesapeake and Chippewa and Channel Bosphorous 2700 Maritime Blvd Channel Dr. and East Davis Blvd DAVIS ISLAND roundabout at South Airport Davis Blvd. Davis Island Dog Beach

### **ATTACHMENT 2**



		ODOR MONI	TORING SURVEY			
Site Name: Davis Islands		Analyzer J605 S/N 605000712				
Date: 05/05/2025		Weather: Mostly Sunny 4 mph 181° 5				
Signature:	Ymsm					
Location	Time	Air Temp (F)	H2S (ppm) (ppb)	Wind/Comments/Odors		
Marjory Park Marina	9:46 am	78	0.00 ppb	4mph S no odor		
Marjory Park Marina	9:47am	78	0.00,006	11		
Marjory Park Marina	9:48 am	78	0,00,00	К		
Little League Field	9:52 am	78	0,00ppb	11		
Little League Field	9:53 am	78	0,00000	10		
Little League Field	9:54 am	78	0.00000	//		
Chippewa/Channel	9:58 am	78	0,00 pph	//		
Chippewa/Channel	9:59 am	78	0,00,00			
Chippewa/Channel	10:00 am	78	0,00 ppb			
Channel/E. Davis	10:02 am	79	0.00ppb	(1		
Channel/E. Davis	10:03 am	79	0.00000	/(		
Channel/E. Davis	10:05 am	19	0.00 ppb	"/		
Roundabout/S. Davis	10:08am	77	0,00 pph	И		
Roundabout/S. Davis	10:10 am	77	0,00 pp	H		
Roundabout/S. Davis	10:11 am	77	0,00 ppb	/(		
Chesapeake/Bosphorous	10:21 am	78	0,000pp	5 mph 5 no oder		
Chesapeake/Bosphorous	10:22am	78	0,00000	1/		
Chesapeake/Bosphorous	10:24am	78	0,00,00	//		

	. (	ODOR MONIT	ORING SURVEY	FORM	
Site Name: HF Curren AW1				Analyzer J605 S/N 605000712	
Date: 05/05/2025	•	Weather: Mostly Sunny 5 mph 208°55W			
Signature:	Um	Moreno			
Location	Time	Air Temp (F)	H2S (ppm) (ppb)	Wind/Comments/Odors	
Sample NO.2 Digesters	10:46 am	80	,150 ppm	5mph SSW noodor	
Sample NO.2 Digesters	10:49am	80	0:00 ppb	11	
Sample NO.2 Digesters	10:50 am	80	78,45 pplo	)/	
Sample NO. 1 Outfall	10:54 am	80	0.00 ppb	11	
Sample NO. 1 Outfall	10:57am	80	طوم 00.0	U	
Sample NO. 1 Outfall	10:58 am	80	0.00pph	d	
Sample NO. 6 Drying Bed	11.00 am	80	0.00 pp6	ll .	
Sample NO. 6 Drying Bed	11:02an	81	0.00 pp6	5mph Sw no odor	
Sample NO. 6 Drying Bed	11:04 am	81	0,00000	//	
		_			
Sample NO. 5 Silo Pads	11:26am	81	.159 ppm	//	
Sample NO. 5 Silo Pads	11:27am	81	7.68 ppb		
Sample NO. 5 Silo Pads	11:29am	81	1.46 ppm	11 slight odor	
Sample NO. 4 Admin	11:31am	81	5.22 ppb	11	
Sample NO. 4 Admin	11:33 am	81	4.87000	11	
Sample NO. 4 Admin	11:35 am	81	0.00 ppb	И	
Sample NO.3 Mobility	12:44 pm	85	113.800h	8mph SW	
Sample NO.3 Mobility	12:45 pm	85	53,25 ooh	1	
Sample NO.3 Mobility	12:47 pm	85	113.8 ppb 53,25 ppb 336 ppb	И	
	1				

		ODOR MONI	TORING SURVE	Y FORM		
Site Name: Davis Islands		Analyzer J605 S/N 605000712				
Date: 05/06/2025		Weather: Sunny 5 mph SSE 154°				
Signature:	4- HORD					
Location	Time	Air Temp (F)	H2S (ppm) (ppb)	Wind/Comments/Odors		
Marjory Park Marina	9:51am	78	0,00 ppl	6mph SSE no odor		
Marjory Park Marina	9:53am	78	0.00006	,1		
Marjory Park Marina	9:55 am	78	0.00,006	//		
Little League Field	10:04 am	78	0.00000	//		
Little League Field	10106 am	78	0,00,00	ll .		
Little League Field	10:07 am	78	0.00 ppb	//		
Chippewa/Channel	10:11 am	80	Орорры	//		
Chippewa/Channel	10:12 am	80	0,00,00	11		
Chippewa/Channel	10:14 am	80	0,00 ppb	//		
Channel/E. Davis	10:19 am	80	0,000ppb	//		
Channel/E. Davis	10:20 am	80	0,00,00	1/		
Channel/E. Davis	10:22am	80	0,00000	//		
Roundabout/S. Davis	10:27 am	79	0.00 ppb	5mph S no odor		
Roundabout/S. Davis	10:29 am	79	0.00 pph			
Roundabout/S. Davis	10:30 am	79	0,00,00	1,		
Chesapeake/Bosphorous	10:36an	80	0,00ppb	"//		
Chesapeake/Bosphorous	10:37 am	80	0.00ppb	11		
Chesapeake/Bosphorous	10:39am	80	0,00 000	, ,		
511 DANUBE AV	9:40 am	77	0.00,00	5 mph SSE no odor		
1/	9:43 am	77	0100-ppb	\$f/		
	<u> </u>					

		ODOR MONIT	ORING SURVEY			
Site Name: HF Curren AWT	Р	Analyzer J605 S/N 605000712				
Date: 05/06/2025	Weather: CLOUDY 5 mph 226° SW					
Signature:	~~~		*	•		
Location	Time	Air Temp (F)	H2S (ppm) (ppb)	Wind/Comments/Odors		
Sample NO.2 Digesters	1:25 pm	88	0.00 ppb	5 mah SW		
Sample NO.2 Digesters	1:27 pm	88	0.00 000			
Sample NO.2 Digesters	1:28 pm	38	0.00,00			
Sample NO. 1 Outfall	1:29 pm	88	0.00000	11		
Sample NO. 1 Outfall	1:31 pm	88	0.00 ppb	/1		
Sample NO. 1 Outfall	1:32 pm	88	0.00,000	. //		
Sample NO. 6 Drying Bed	1:35 pm	88	0.00 006			
Sample NO. 6 Drying Bed	1:36 pm	89	0,00 pab	1/		
Sample NO. 6 Drying Bed	1:37 pM	89	0.0000	Л		
Sample NO. 5 Silo Pads	1:40 pm	89	100.4 pplo	6 nph SW		
Sample NO. 5 Silo Pads	1:41 pm	89	23.01 ppb	//		
Sample NO. 5 Silo Pads	1:42 pm	89	5.78ppb	11		
Sample NO. 4 Admin	1:45 pm	89	5.66 ppb	((		
Sample NO. 4 Admin	1:47 pm	89	0.00 ppb	1/		
Sample NO. 4 Admin	1:48 pm	89	0,00 496	//		
Sample NO.3 Mobility	1:52 pm	89	0.00 pob	//		
Sample NO.3 Mobility	1:53 pm	89	0.00000	//		
Sample NO.3 Mobility	1:55 pm	89	0,00006	1/		

		ODOR MONI	TORING SURVEY FORM			
Site Name: Davis Islands			Analyzer J605 S/N 605000712			
Date: 5/7/25	_	Weather:	lear ski	740/7mph SSE 1470		
Signature:	to Dora					
Location	Time	Air Temp	H2S (ppm)	Wind/Comments/Odors		
200001011		(F)	(ppb)			
Marjory Park Marina	5:68am	740	0.00 pah	7mph SSE1470/Light preeze /Noo.		
Marjory Park Marina	5:10am	740	0.00006	11		
Marjory Park Marina	5:11 am	740	0.00pb	((		
Little League Field	S:15am	740	U. Wppb	7mph SSE1470/No odor		
Little League Field	5:16am	740	0.00000	· C		
Little League Field	5:17am	740	0.0000	11.		
Chippewa/Channel	5:21am	740	0.00006	7mph SSE 1470/lightbreeze/Nood		
Chippewa/Channel	5:22am	740	0.00006			
Chippewa/Channel	5:23am	740	0.00006	(/		
Channel/E. Davis	5:26am	740	0.00pph	7mph SSE 1470/gusty/No odor		
Channel/E. Davis	5:29am	740	0.00ppb	1/1		
Channel/E. Davis	5:30am	746	0.00ppb	//		
Roundabout/S. Davis	5:34am	75°	0.00006	7moh SSE 1470/qusty/No ocor		
Roundabout/S. Davis	5:35am	750	0.00000	4		
Roundabout/S. Davis	5:36am	75°	0.00000	(		
1 /2 /	C1/10	750	0.0000	7 1 SCE 1470 1:111 - M. adar		
Chesapeake/Bosphorous	5:42am	75°	0.00000	7mph SSE 1470/light breeze /No odor		
Chesapeake/Bosphorous	5:43am	75°	0.00000			
Chesapeake/Bosphorous	5:44am	70	0.00000			

	14179	ODOR MONIT	ORING SURVE	Y FORM	
Site Name: HF Curren AWT			Analyzer J605 S/N 605000712		
Date: 5/7/25		Weather:	lear sky 750 /7mph SSE1470		
Signature:	1 1)				
Troler	O Horo		Tues (		
Location	Time	Air Temp	H2S (ppm)	Wind/Comments/Odors	
		(F)	(ppb)	7mph SSE 1470/breeze learthy sm	
6 1 10 2 2 2	(0:20am	750	2150-01	7mph SSE 1470/ breeze learthy sm	
Sample NO.2 Digesters		750	21,50pph	(1)	
Sample NO.2 Digesters	6:22am	75°	0.175 ppm		
Sample NO.2 Digesters	(0,22am	/5	0.10 1ppm		
Sample NO. 1 Outfall	6.28am	750	0.00ppb	7mph SSF 1470/breeze No oder	
Sample NO. 1 Outfall	6:29am	75°	0.00ppb	//	
Sample NO. 1 Outfall	6:31am	75°	0.00ppb	14	
Sample NO. 6 Drying Bed	6:38am	750	),00ppb	Comph SSE 1470/breeze/No odor	
Sample NO. 6 Drying Bed	6:40am	750	0.00ppb	(1	
Sample NO. 6 Drying Bed	G:41am	750	0.00pp6	(/	
				ar J. S. Jan.	
Sample NO. 5 Silo Pads	6:53 am	740	5.09 ppb	6mph SSE 147° / Carthy smell	
Sample NO. 5 Silo Pads	6:55am	740	0.00 000	11 at times	
Sample NO. 5 Silo Pads	6:56am	740	0,00000	(1	
Sample NO. 4 Admin	7:02am	740	0.0000	5mph SSE 158°/No odor	
Sample NO. 4 Admin	7:03am	740	0.00ppb	(1 '	
Sample NO. 4 Admin	7:04 am	740	0.00000	((	
	7.40	-7. IS	7 2 449 3	E   SCE   E00 / 1	
Sample NO.3 Mobility	7:09am	746	3.17ppb	Smph SSE 158°/ No odor	
Sample NO.3 Mobility	1:10am	740	1.62ppb	((	
Sample NO.3 Mobility	7:11am	740	5.95 ppb	( (	
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	-				
	-				
	-				

		ODOR MONI	TORING SURVE	Y FORM		
Site Name: Davis Islands			Analyzer J605 S/N 605000712			
Date: 5/8/25	Date: 5/8/25		Weather: Clear Sky 77° / 3mph S 171°			
Signature:				/		
Location	Time	Air Temp (F)	H2S (ppm) (ppb)	Wind/Comments/Odors		
Marjory Park Marina	5:14am	770	0.00006	3mph S 1710 / No odor		
Marjory Park Marina	5:16am	770	0.00pph			
Marjory Park Marina	5:17am	//-	0,00000			
Little League Field	5:20am	770	0.0000	3mph 51710/No odor		
Little League Field	5:21 am	770	0.00906	// '		
Little League Field	5:22am	77°	0.00 pp6	(1		
Chippewa/Channel	5:27am	770	7.65 pab	3mph 51710 / No odor		
Chippewa/Channel	5:29am	770	6.00000	(()		
Chippewa/Channel	5:30 am	770	7,39/200	Cl		
Channel/E. Davis	5:34am	770	0.00ppb	3mph S1710/Nosdor		
Channel/E. Davis	5:35 am	770	0,0000	11		
Channel/E. Davis	5:37am	770	0.00ppb			
Roundabout/S. Davis	5;42am	770	0,00ppb	3 mph 51720/No odor		
Roundabout/S. Davis	5:43am	770	0.00000			
Roundabout/S. Davis	5:Wam	770	0.00000	( (		
Chesapeake/Bosphorous	5:49am	770	0.00ppb	3mph S172° /No odor		
Chesapeake/Bosphorous	5.50am	770	0.00000	(1		
Chesapeake/Bosphorous	5:51am	770	0'0000	((		

		ODOR MONI	TORING SURVE	Y FORM		
Site Name: HF Curren AW	ГР	Analyzer J605 S/N 605000712				
Date: 5/8/25		Weather: Clear Sky 16 / 4mph S 170°				
Signature: Redorto	Dun					
Location	Time	Air Temp (F)	H2S (ppm) (ppb)	Wind/Comments/Odors		
Sample NO.2 Digesters	6:34am	760	119.3ppb	4mph 5 170°/slight earthy small		
Sample NO.2 Digesters	6:36am	760	0.145ppm	" at times		
Sample NO.2 Digesters	6:37am	76°	118.4ppb	(1		
Sample NO. 1 Outfall	6:39am	76°	0.00ppb	4mph SMO°/ No odor		
Sample NO. 1 Outfall	6:41 am	76°	0.00ppb	(1		
Sample NO. 1 Outfall	6:42am	76°	0.coppb	(1		
Sample NO. 6 Drying Bed	6:47am	75°	0.00206	4mph 5178 / No odor		
Sample NO. 6 Drying Bed	6:48am	75°	0.00ppb			
Sample NO. 6 Drying Bed	6:49am	75°	0.00ppb	(		
	1.00	75°	0.00ppb	4mph S170°/Slight earthy sme		
Sample NO. 5 Silo Pads	6:54am	75°	0.00ppb	4mph S170°/Slight earthy sme		
Sample NO. 5 Silo Pads	6:57am	750	0.00pb	11		
Sample NO. 5 Silo Pads	0.0 (0.1)	l U	O SOPPO			
Sample NO. 4 Admin	7:02am	75°	0.00006	4mph 51720/ No odor		
Sample NO. 4 Admin	7:03am	750	0.00 206	((		
Sample NO. 4 Admin	7:04am	750	0.00 ppb	(1		
Sample NO.3 Mobility	7:12am	750	0.00ppb	4mph S1720/No odor		
Sample NO.3 Mobility	7:13am	750	0.00ppb	(1)		
Sample NO.3 Mobility	7:14am	750	0.00000	//		

		ODOR MONI	TORING SURVE	Y FORM		
Site Name: Davis Islands				Analyzer J605 S/N 605000712		
Date: 5/9/25				lear sky 740 / 2 mph WNW 2900		
Signature:	1-1					
Roleit	o bura	7				
Location	Time	Air Temp	H2S (ppm)	Wind/Comments/Odors		
2000000	-	(F)	(ppb)			
	C- '10	740	(C) (A) -1	2		
Marjory Park Marina	5:19am		0.0000	2mph WNW 290°/No odor		
Marjory Park Marina	5:20am	740	0.00ppb	(1)		
Marjory Park Marina	5:21am	740	0.00 ppb			
Little League Field	5:24 am	740	0.00006	2mph WNW 2960/ No odor		
Little League Field	5:25am	745	0.00006	1/		
Little League Field	5:26 am	740	0.00/206	(1		
			i /			
Chippewa/Channel	5:31 am	740	0.00,006	2mph WNW 290°/No odor		
Chippewa/Channel	5:33am	740	0.00100			
Chippewa/Channel	5:34 am	740	14.33 ppb	Faint digester/H2S odor at		
			, ,	times		
Channel/E. Davis	5:40am	740	24.84,205	2 mph WNW 2900/Fait		
Channel/E. Davis	5:42am	740	30.10,206	ammonia odor at times		
Channel/E. Davis	5:43am	740	20.51ppb	(/		
Roundabout/S. Davis	5.00.	740	0.000	2 moh WNW 790° / No odor		
	5:50am	740	0.0000	11		
Roundabout/S. Davis		740	0.00000			
Roundabout/S. Davis	5:57am	7010	0.00000			
Chesapeake/Bosphorous	6:04am	740	3.02 ppb	Imph WNW 2900 / No odor		
Chesapeake/Bosphorous	6:05am	740	0.00000	C!		
Chesapeake/Bosphorous	6:06am	740	0.00006			
				·		

		ODOR MONIT	ORING SURVE	Y FORM	
Site Name: HF Curren AWTP			Analyzer J605 S/N 605000712		
Date: 5/9/25		Weather: C	Clear sky 740/Imph 58E1510		
Signature:	4/1)			, ,	
/tolout	O Stow	Z Air Temp	H2S (ppm)		
Location	Time	(F)	(ppb)	Wind/Comments/Odors	
			(1919-7	C	
Sample NO.2 Digesters	6:42an	740	11.70006	Imph SSE 1510/No odor	
Sample NO.2 Digesters	6:43am	740	7.69ppb		
Sample NO.2 Digesters	6:45am	740	5.01ppb		
Sample NO. 1 Outfall	6:49am	740	1076ppb	Imph SSE 1510/Ammonia odor	
Sample NO. 1 Outfall	6:50am	74/5	0.138 ppm	at times	
Sample NO. 1 Outfall	6:51am	740	0,132 ppm	(1	
Sample NO. 6 Drying Bed	6:59am	740	3.96 pob	Imph 55E 151°/ No odor	
Sample NO. 6 Drying Bed	7:00 am	740	3.79 pph	(( '	
Sample NO. 6 Drying Bed	7:61am	740	3.63ppb	l(	
			//		
Sample NO. 5 Silo Pads	7:05am	740	4.59ppb	Imph SSE 1510 / Earthy smell	
Sample NO. 5 Silo Pads	7.06am	740	4.05 ppb	at times	
Sample NO. 5 Silo Pads	7:07am	746	3.72pp6	11.	
Sample NO. 4 Admin	7:12am	740	3.6600.6	Imph SSE 1510/No odor	
Sample NO. 4 Admin	7:13 am	740	3.4700h	(1)	
Sample NO. 4 Admin	7:14am	740	3.30 ppb	((	
			17		
Sample NO.3 Mobility	7:21 am	740	3.52 ppb	Imph SSE 1510/No odor	
Sample NO.3 Mobility	7:22 am	740	3.31ppb	11	
Sample NO.3 Mobility	7:23am	740	3.22ppb	(1	
			-		

		ODOR MONI	TORING SURVE			
Site Name: Davis Islands			Analyzer J605 S/N 605000712			
Date: 5/10/25		Weather:	Clear s	lear sky 760/6mph 55E1670		
Signature:	4)			,		
Moderte	Jana .	l Air Town	H2S (ppm)			
Location	Time	Air Temp (F)	(ppb)	Wind/Comments/Odors		
		(1)	(66-7)			
Marjory Park Marina	5:54am	760	0.00mh	6mph SSE 1670/breeze /No odor		
Marjory Park Marina	5:56am	760	0.00000	11		
Marjory Park Marina	5:57am	760	000006	()		
Little League Field	6:00 am	760	4.55ppb	6moh SSE167º /breeze/Noodo		
Little League Field	6:02am	760	0.00006	11		
Little League Field	6:03am	76°	0.0000	((		
Chippewa/Channel	6.12am	750	0.00 ppb	6mph SSE167º/light breeze/No		
Chippewa/Channel	6:13 am	750	4.40 ppb	c/ / ' '		
Chippewa/Channel	6:15 am	750	5.22000	((		
			1/.			
Channel/E. Davis	6:20am	75°	0.00000	6mph SSE167º/light breeze/No		
Channel/E. Davis	6:22am	750	0.00000			
Channel/E. Davis	6:23am	75°	0.00000	(1		
		0.50	A 21 18			
Roundabout/S. Davis	6:51am	750	0.00000	7 mph SSE 167º / light breeze/No		
Roundabout/S. Davis	6:52am	750	0.00pp	odov odov		
Roundabout/S. Davis	6:53am	750	0.0000	(/		
	7.5	200	0.00.1	C -1. C(F)1.0°1.11.1		
Chesapeake/Bosphorous	7:05am	750	0.00ppb 0.00ppb 0.00ppb	6mph 55=160°/light breeze/No		
Chesapeake/Bosphorous	7:06am	750	U.00pab	000y		
Chesapeake/Bosphorous	7'07am	750	0.00000	(1		
			<u> </u>			
	-					

		ODOR MONIT	TORING SURVE	Y FORM		
Site Name: HF Curren AWTP			Analyzer J605 S/N 605000712			
Date: 5/10/25		Weather: (	Clear SKy 76° / 6mph SSE 160°			
Signature:	11/2					
Location	Time	Air Temp	H2S (ppm)	Wind/Comments/Odors		
2000.0		(F)	(ppb)			
Sample NO.2 Digesters	7:28am	76°	0.188 ppm	Comph SSE160°/Breeze /Earthy smell		
Sample NO.2 Digesters	7:30 am	76°	34.54ppb	"attimes		
Sample NO.2 Digesters	7:31am	76°	25.03ppb	7		
Sample NO. 1 Outfall	7:34 am	76°	0.00ppb	Comph SSE/60°/Breeze/No ovor		
Sample NO. 1 Outfall	7:35am	76°	0.000pb	(( )		
Sample NO. 1 Outfall	7:37am	76°	0.00ppb	(/		
Sample NO. 6 Drying Bed	7:46 am	760	0.00ppb	7mph SSE 160°/Breeze/ No odor		
Sample NO. 6 Drying Bed	7:47am	760	0.00ppb	(/		
Sample NO. 6 Drying Bed	7:48am	760	0.00 ppb	(/		
Sample NO. 5 Silo Pads	7:59am	76°	0.00ppb	7mph SSE 160°/Breeze Farthy smell		
Sample NO. 5 Silo Pads	8:01am	76°	0.00000	11 at times		
Sample NO. 5 Silo Pads	8:02am	760	0.00 pb			
Sample NO. 4 Admin	8:08am	760	0.00 ppb	8 mph SSE 160°/Breeze/No odor		
Sample NO. 4 Admin	8:09am	16	0.00 ppb			
Sample NO. 4 Admin	8:10am	16	0.00ppb	(/		
Sample NO.3 Mobility	8.18am	770	1052 ppb	8mph SSE 160°/lightbreeze /Earth		
Sample NO.3 Mobility	8:19am	770	5Alpph	5 mell attime		
Sample NO.3 Mobility	8:21am	77°	7.42ppl	. ( (		

		ODOR MONI	TORING SURVE	Y FORM	
Site Name: Davis Islands			Analyzer J605 S/N 605000712		
Date: 5/11/25 Weather:			lear sky 750/6mph 55E 1470		
Signature:	(4)				
Rotert	of train	Air Temp	H2S (ppm)		
Location	Time	(F)	(ppb)	Wind/Comments/Odors	
			(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Marjory Park Marina	6:10am	750	3.49 aph	Comph SSE 1470/Ocean breeze	
Marjory Park Marina	6:11am	750	4.32,206	(1) Saltwater Sme	
Marjory Park Marina	6:12am	750	5.4Pippb	((	
Little League Field	6:15am	750	9.26ppb	ComphSSE1470/No odor	
Little League Field	6:16am	750	7.02 ppb	(/	
Little League Field	6:17am	75°	7.23ppb	C(	
Chippewa/Channel	6:22am	75°	0.00pab	6mph SSE1479/Ocean breeze	
Chippewa/Channel	6:23am	75°	0.00ppb	11' Saltwater smell	
Chippewa/Channel	6:24 am	75°	0.00/00		
Channel/E. Davis	6:27am	750	0.00ppb	6mph 55F1470/Ocean bre el	
Channel/E. Davis	6:28am	75°	0.0000	11 Salt wa	
Channel/E. Davis	6:29am	750	0.00000	(/	
Roundabout/S. Davis	6:33am	750	0.00pb	6mph SSE 147º Breeze /No	
Roundabout/S. Davis	6:34am	75°	0.00000	Odor	
Roundabout/S. Davis	6:35am	75°	0.0000	(1	
Chesapeake/Bosphorous	6.40am	75°	0.00ppb	Gmph SSE 147°/lightbreeze/	
Chesapeake/Bosphorous	6:42am	75°	0.00ppb	1 Nooder	
Chesapeake/Bosphorous	6:43am	75°	0.00ppb	4	

		ODOR MONIT	ORING SURVE	Y FORM		
Site Name: HF Curren AWTP			Analyzer J605 S/N 605000712			
~1		Weather:	01 1,700 10 1 05 1,100			
Signature:	E)					
rcolette) f	Juran	Air Temp	H2S (ppm)			
Location	Time	(F)	(ppb)	Wind/Comments/Odors		
			(1)			
Sample NO.2 Digesters	7:25am	750	0.30 lam	8mph SE1420/Saithy smell		
Sample NO.2 Digesters	7:26am	750	0.678 pom	1 at times		
Sample NO.2 Digesters	7:27am	75	1.411 pm	1/		
Sample NO. 1 Outfall	7:39am	750	0.00000	8mph SE1420/No odor		
Sample NO. 1 Outfall	7:40am	750	0.00000	11		
Sample NO. 1 Outfall	7:41am	750	0.00000	11		
Sample NO. 1 Outrain	1 1000	# G	100000			
Sample NO. 6 Drying Bed	7:45am	750	0.00000	8minh SE1420/ Breeze		
Sample NO. 6 Drying Bed	7:46am	750	0.00000	" Noodor		
Sample NO. 6 Drying Bed	7:47am	750	1.00pph	(1		
			1 11			
Sample NO. 5 Silo Pads	7:54am	760	0.00ppb	6mph SE 1420/ NOO Y		
Sample NO. 5 Silo Pads	7:55am	760	0.0000	(( '		
Sample NO. 5 Silo Pads	7:56am	760	4.47,005			
Sample NO. 4 Admin	7:59am	760	10.6200	GMPh SE 1420/lightrain/1844		
Sample NO. 4 Admin	8:00 am	760	5.17006	11 smell		
Sample NO. 4 Admin	8:01am	76°	13.07ppb	4		
	0.0.00	7.4				
Sample NO.3 Mobility	8:10am	760	6.34ppb	7mph SE1420/lightrain/No		
Sample NO.3 Mobility	8:11am	760	665000	"I" od v		
Sample NO.3 Mobility	8:12am	760	10.26006	(1		