ATTACHMENT 4: FIELD LOGS

This attachment contains the groundwater sample collection field logs for the relatively shallow standpipe monitoring wells (MW-1, MW-5 through MW-10, MW-13, MW-15, and MW-16), as well as the field data sheets for the Westbay™ multiport wells (MW-3, MW-4, MW-11, MW-12, MW-14, and MW-17 through MW-26). Groundwater sample collection for the third quarter 2022 sampling event was conducted by Blaine Tech Services, Inc.

Note: During the third quarter 2022 the relatively shallow standpipe wells MW-5, MW-6, MW-7, MW-8, MW-10, MW-13, and MW-16 and the uppermost sampling ports (i.e., Screen 1) in the multiport monitoring wells MW-4, MW-12, MW-14, MW-20, MW-21, and MW-26 were dry and no samples were collected. In addition, MW-17 (Screen 1) and MW-18 (Screen 1), which are only sampled during the second and fourth quarters but are measured for water levels during the first and third quarters, were also dry.

LOCATION: SERIAL NO. SERIAL NO. PROJECT: DE C																					
					EL INSIDE CA		0. RS						OPERATOR(S)	7.1	toan)					
				ATM. PRESS	URE (PSI): (Start) JY,C	(Finish)	<u> </u>	4,06				WEATHER (1ec							
														· · · · · · · · · · · · · · · · · · ·							
		Probe to Top Collar			ts / Position : / (lower prob						tion Checks oort in MP casing)				F	ield Paramet	ers				Sample
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (5 psl)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psl)	Sample Temp (⁰ C)	SC (µS/cm)	рН	Turbidity (NTÚ)	Dissolved Oxygen (PPM)	ORP (mv)	Sample Time	Sample ID
4		$\sqrt{}$	V	V	V	1/	17762	V		V	17/425	V	177.62	2019	616	7.48	16	6,05	82	1030	mw-3-4
	2		V	V	~	V	17703	V	176,21	V	176,21	V	177.62								ms/msD
3)	<u> </u>	V V V 84.58 184.51 184.51 184.58 891.58 891.2 478 7.81 10 7.15 92 1130														MW-7-3				
\rightarrow																					
2	1		V	V		V	43,54	V	43,81	1	43,81	V	43,54	23,4	463	7.70	4	7,01	127	1145	MW-3-2
										_			,	<u> </u>							
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Comi	ments:		-ps	لاں ـ	<u> </u>	<u> </u>	1160	<u></u>													

MW:4.

Probe to Top Collar

Comments:

	WELL ID:	n	1W :	4.						PROBE TYPE	ìΛ	lost	tha	/					
	SAMPLING E	DATE(S)	08/0	08/72						SERIAL NO.	FM	5 25	027						
	LOCATION:		<u>"L'</u>							PROJECT:	700								
	WATER LEV			60.05						OPERATOR(S)	7 ()	Hoa	\sim						
	ATM. PRESS	SURE (PSI): (Start) / 4/1	(Finish)	10	4,05				WEATHER	Cle	~	<u> </u>						
Surface (probe in	Surface Function Tests / Position Sampler Sample Collection Checks (probe in top of collar) / (lower probe to port) (probe at sampling port in MP casing)											F	ield Paramel	ers				Sample	
Shoe Out/ Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (5 psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psl)	Shoe Out	Port Pressure (psi)	Open Valve	Nort Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen	ORP (mv)	Sample Time		Sample ID
V	V	1 N A	V	87,43	V S	82,87		82187	V	87,43	19.9	946	753	3	8,11	130 0	0820	140111	11 2
····				31110		S21101	۲	201101	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0111	110	776	1123		3111	150		mw	-475
V	V	V	V	50,70	V	47,73	V	47.73	V	50,70	18,8	823	7.33	2	7,95	132 (M112-	4-2
								/			<i> </i>	0000	1121		7. 1. 2	170,	عال پر	17144	1 4
<u>V_</u>	\checkmark	V	V	14116	V	14:15	V	14,15	V	19,16	-[Port	27	Dr	/_	/	V. Ca	um (
								7			 7	1011	 	1/1	7		40 X	mg (
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Project #	: 22076	29-Ht	41	Client:	idewa	tor							
Sampler:	HH	•		Gauging I		, ,	12						
Well I.D.	: MW-	5		Well Dian	neter (in.)	: 2 3	3 4 6	8					
	ell Depth (1		ed Pump	Depth to V	Vater (ft.)	: 134	110	·					
Depth to	Free Prod	uct:	•	Thickness	of Free Pr	oduct (fe	eet):						
Reference	ed to:	PVC	Grade	Flow Cell Type: TS I Wa DIVS									
Purge Methors Sampling M	lethod:	2" Grundfe Dedicated	Tubing		Peristaltic P New Tubing	•	Bladder Pump Other_						
Start Purge	Time:		Flow Rate: _	Pump Depth:									
Time	Temp.	pН	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)					
	Insuf	Ricien	t wat	er to 1	lnzevr	Samp	le —						
	_	-No	Samp	le Tay	laen -								
				٠									
Did well o	dewater?	Yes	l No		Amount a	etually e	vacuated:						
Sampling				Sampling Date:									
Sample I.				Laboratory:									
Analyzed	for:	TPH-G	BTEX MTE	E TPH-D		Other:							
Equipmen	it Blank I.I	 D.:	@ Time		Duplicate	I.D.:							

Project #	: 22076	79-HH	+ l	Client:	Tidewo	nter							
Sampler:		<u> </u>	-	Gauging I	Date: 08		172						
Well I.D.	: MW-	-6			neter (in.)	1		8					
	ell Depth (1		37,70	Depth to V	Water (ft.)	: DR	Y	-					
	Free Prod			Thickness		F							
Reference	ed to:	PVC	Grade	Flow Cell Type: Pro DIV									
Purge Metho Sampling M		2" Grundfor Dedicated	-	Peristaltic Pump New Tubing Other									
Start Purge	Time:		Flow Rate: _	Pump Depth:									
Time	Temp.	pН	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)					
		- We	is	DN-									
			:										
			140 Sa	uple 1.	aken								
				,									
				٠,			_						
							<u> </u>						
Did well o	dewater?	Yes	No	Amount actually evacuated:									
Sampling	Time:			Sampling Date:									
Sample I.l	D.:			Laboratory:									
Analyzed	for:	FPH-G	BTEX MTE	BE TPH-D		Other:							
Equipmen	t Blank I.I	D.:	@ Time		Duplicate	I.D.:	. •						

Project #	: 2207	29-H	#/	Client:	Tiden	ator									
Sampler:	1151	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' 	***************************************	Gauging D			22								
Well I.D.	: MW	-7		Well Diam			3 4 6	8							
	ll Depth (0681	Depth to V	Vater (ft.)	: Dr	:4								
	Free Prod			Thickness	of Free Pi	roduct (f	eet):								
Reference	ed to:	(PVC)	Grade	Flow Cell	Flow Cell Type: We Plus										
Purge Meth Sampling M	lethod:	2" Grundf Dedicated	Tubing		Peristaltie Pump New Tubing Bladder Pump Other										
Start Purge	Time:		Flow Rate: _				Pump Depth:								
Time	Temp.	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)							
		- W	ell	15 Dry											
·			-No 5	ample	Jako	n —		_							
					-										
				۲,			,								
Did well	dewater?	Yes	No	Amount actually evacuated:											
Sampling	Time:			Sampling Date:											
Sample I.	D.:				Laborator	y:									
Analyzed	for:	TPH-G	BTEX MTE	BE TPH-D		Other:									
Equipmen	nt Blank I.	D.:	@ Time	Duplicate I.D.:											

Project #	: 2207	29-HH	H	Client:	idewa	Aor								
Sampler:		•		Gauging I	•	1 1	72							
Well I.D.	: MW/-	8		Well Dian	neter (in.)	: 2 3	3 4 6	8						
Total We	ell Depth (ft.): 20	2.04	Depth to V	Vater (ft.)	: DR	Υ							
Depth to	Free Prod	uct:		Thickness										
Referenc	ed to:	(PVC)	Grade	Flow Cell	Flow Cell Type: YST Pro Pks									
Purge Meth Sampling M Start Purge	lethod:	2" Grundf Dedicated	-		Peristaltic Pump New Tubing Pump Depth:									
			Cond.		1		Tump Dopun							
Time	Temp.	pН	(mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)						
			11 ,		·									
		We		5 Dr										
		٨	1. 00	/	7 /									
		-/	10 DU	we.	laken									
							,							
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:				e, .			,							
				:										
Did well o	dewater?	Yes	No	Amount actually evacuated:										
Sampling	Time:			Sampling Date:										
Sample I.l	D.:			Laboratory:										
Analyzed	for:	TPH-G	втех мтв	BE TPH-D		Other:								
Equipmen	t Blank I.	D.:	@ Time		Duplicate	I.D.:	. *							

Project #	: 2207	129-1	1171	Client:	idewa	Aor							
Sampler:				Gauging I	, .		122						
Well I.D.	: mw	-10		Well Dian	neter (in.)	: 2	3 4 6	8					
Total We	ell Depth (ft.): [5	3,44	Depth to V	Water (ft.)	:DR	Y						
	Free Prod	•		Thickness	of Free Pr	oduct (f	eet):						
Referenc	ed to:	(PVC)	Grade	Flow Cell Type: YST Pro DVS									
Purge Meth Sampling M		2" Grundf Dedicated	-		Peristaltic F New Tubing	-	Bladder Pump Other_						
Start Purge	Time:		Flow Rate: _		Pump Depth:								
Time	Temp.	pН	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)					
		- We	II is	Dry -									
·		/	lo Sas	ple	laken		-						
·													
				٠,			,						
Did well o	dewater?	Yes	No		Amount a	ctually e	vacuated	7,01					
Sampling	Time:			Sampling Date:									
Sample I.	D.:			Laboratory:									
Analyzed	for:	TPH-G	BTEX MTB	E TPH-D		Other:							
Equipmen	t Blank I.	D.:	@ Time	Duplicate I.D.:									

WELL ID: MW-//	PROBETYPE INLEST THEM
SAMPLING DATE(S) OS/09/22 LOCATION: TP 1	SERIAL NO. EMS 2502/ PROJECT: PC
WATER LEVEL INSIDE CASING: 213, 10	OPERATOR(S) (, House
ATM PRESSURE (PSI): (Start) 14 67 (Finish) 19,06	WEATHER Cleir // tot

		Probe to Top Collar	Surface (probe in	Function Te top of collar	Sampler be to port)					tion Checks port in MP casing)				FI	ield Paramet	ers			Sample		
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valvel Apply Vacuum (5 psl)	Close Valve/ Shoe In/ Arm In		Pressure in MP Casing (psi)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psl)	Close Valve/ Shoe In	Pressure in MP Casing (psl)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)	ORP (mv)	Sample Time	Sample ID
4			V_{\perp}	<u></u>	<u> </u>	\vee	150,36	Y	<u>148,80</u>	V	148.80	V	15036	20,3	433 :	7,35	2	5,11	-29	0740	mw-11-4
3	1	V	V	V	V V	V	1.10.65 109.81		100,84 106,73	レンン	106,84 106 173	V	1/065	21.4	265	696	1	6,08	42	0810	MW-11-3 ms/msD
2	L	V	V	V	V	V	36,52		38,90		38190		36,5Z	219	454	7,53	2	710	118	0925	mw-11-2
Į_		√	V		V	V	19,09	V	<i>31</i> 177	し	B1177	V	14,09	23,2	576	7,63	2	7,35	122	1005	mw-11-1
									N.F.												
لــــا	moote:	l																			

Comments:

WELL ID: MW-12	PROBE TYPE WEST DAY
SAMPLING DATE(S) OS/OS/72	SERIAL NO. 5 M 5 2502/
WATER LEVEL INSIDE CASING: 176 184	PROJECT: TPC
ATM. PRESSURE (PSI): (Start) 17/03 (Finish) 19/06	OPERATOR(S) / HOCO
The same (19), (can) (19) (resail)	WEATHER CLEAN

		Probe to Top Collar	Surface (probe in	Function Testop of collar	sts / Position) / (lower prob	Sampler se to port)			Sample C (probe at samp	ollec	tion Checks port in MP casing)				F	ield Parame	ters				Sample
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (5 psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psl)	Shoe Out	Port Pressure (psl)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	На	Turbidity (NTU)	Dissolved Oxygen (ppm)	ORP (mv)	Sample Time	Sample ID
5	+	V	V	V	V	V	178116	V	B2,00	٧	152,00	V	18.16	2017	<i>150</i> 0	7/13	3	7,09	74	0930	MW-12-5
4	+	<u> </u>	V	V	V	V	130,75	V	121,01	v	121,01	V	130,75	3015	459	zai	2	8,36	132		mw-12-9 ms 1 msD
3	1 2	V	V	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V	81,45 81,43	ンソ	75.24 15.20	<i>V</i>	75,24 75,20	√ ∨	81,45 81,43	<u> 20,3</u>	436	7:17	1	8,05	147	1045 1100	MW-12-3 DUP-5-3Q22
2	1	V	V	V	V	V	1655	V	41.62	V	41162	V	4655	2115	548	763	3	7,83	139	1200	mw-12-2
		<u> </u>	V	V	V	V	14115	レ	14,13	V	14,13	レ	14,15		2mt	15/	ry-	- Wo	Sam	le 7	deen —
Con	ments:	FB-	-6-	060	891		1215														

SB-2-0808270 1215 SB-2-0808220 1230

Project #	: 2207	29- A	-141	Client:	Tidew	ater							
Sampler:				Gauging I		4 1	2						
Well I.D.	:MW-	-13		Well Dian	neter (in.)	: 2 3	3 4 6	8					
	ll Depth (3424	Depth to V	Water (ft.)	: DR	24						
	Free Prod			Thickness		7							
Referenc	ed to:	(evc)	Grade	Flow Cell Type: Pro Plus									
Purge Meth Sampling M		2" Grundf Dedicated	-		Peristaltic Pump New Tubing Other								
Start Purge	Time:		Flow Rate: _	Pump Depth:									
Time	Temp.	pН	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)					
		- We	11 15	Dv-1									
			No Sa	mle	Taker								
		/		,									
·													
				۲,									
							<u>ن</u>						
Did well o	lewater?	Yes	No		Amount a	ctually e	vacuated:						
Sampling	Time:			Sampling Date:									
Sample I.l	D.:			Laboratory:									
Analyzed	for:	TPH-G	BTEX MTB	E TPH-D	İ	Other:							
Equipmen	t-Blank I.l	D.:	@ Time	-	Duplicate	I.D.:							

WELLID: MW-14	PROBETYPE (Weithor)	
SAMPLING DATE(S) OF/CZ/7Z	SERIAL NO. FW5756E	
WATER LEVEL INSIDE CASING: 199, 195	OPERATOR(S) To HO (a)	
ATM. PRESSURE (PSI): (Start) / 7, (! S(Finish) 4,08	WEATHER Clean	

		Probe to Top Collar			sts / Position) / (lower prob							tion Checks port in MP casing)				F	ield Parame		Sample			
Port Number	Run Number	Arm out / Land Probe	Shoe Out' Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (5 psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP	Casing (psi)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen —(ppm)—	ORP (mv)	Sample Time	Sample ID
5	1_	$\sqrt{}$	<u> </u>	V	V	V	165	65	V	144.74	V	144179	V	165.65	20.7	377	7,30	2	14912 9.63	99	0745	MW-14-5
7 3	12	✓ ✓	V V	V V	V V	V	128. 128.	50	V	10861	V	10860	V	128.51 128.50 76.83	21.1		657	•	855 831	139	0810	MW-14-9 ms/ms0
2												,					684	2	8,31	142		MN-14-3
_		<u> </u>	V		V		500			31,00	_	51100	<u> </u>	50,99	ad15	1069	6,94	1	<u> 8105</u>	137	0915	MW-14-2
	ì		V		<u> </u>	/	301	10	レ	14.12	V	14.18	. V	20,0		Port	is	Dry	/ —			HHV-14
																				-		
Соп	ments:	TB	.7.18	8/82	220	-) <i>(1)</i>)			L		L	<u> </u>	l		<u> </u>	<u> </u>				

Comments: 10.0.08 (60.000 60.0

WELL MONITORING DATA SHEET

Project #	: 2207	29-H1	41	Client: Tide Water										
Sampler:	HH			Gauging I	, ,	1 1	22							
Well I.D.	: mw.	-15		Well Dian	Well Diameter (in.): 2 3 4 6 8									
Total We	ll Depth (ft.) :		Depth to Water (ft.): 40.03										
Depth to	Free Prod	uct:		Thickness of Free Product (feet):										
Reference	ed to:	PVC,	Grade	Flow Cell	Type:	Pro	DWS							
Purge Methors Sampling M	lethod:	(/		asevol=18.9		Pump g	Other	45,82						
Start Purge	Time: <u>092</u>			<u> 16PM</u>			Pump Depth:	60						
Time	Temp.	pН	Cond. (mS/cm or µ8/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals) or mL)	Depth to Water (ft.)						
0935	17,3	7.45	630		7.32	34,4	10	40,69						
0945	17.6	7.11	621	j	7,30	11,5	20	40.77						
0955	17.7	7,15	617	2	6,91	5,8	30	40,80						
1005	17.7	7,17	615	2	6,85	5.6	40	40,82						
1015	17,6	7,18	613	2	6,83	2,7	50	40.83						
1022	17,6	7,18	612	2	6,81	2,3	57	40,84						
							uyuus is ka ii s — s ii							
	·		***************************************			<u>, , , , , , , , , , , , , , , , , , , </u>								
				٠,										
Did well o	lewater?	Yes C			Amount a	ctually e	vacuated: 2	5 7						
Sampling	Time:	1025		, ,	Sampling	Date: 👌	8/11/22	7						
Sample I.I	D.: ////	11-15		Laboratory: PACE/BC										
Analyzed	for:	TPH-G	втех мтв	E TPH-D		Other:	e 6.0.	C						
 Equipmen	t Blank I.I	D.:	@ Time		Duplicate	I.D.:								

Project #	: 2207/	29-H	HI	Client: Tidewater										
Sampler:				Gauging D	, ,	<i>,</i> · <i>, ,</i>	Z							
Well I.D.	: MW -	-16		Well Diam	neter (in.)	: 2 3	3 4 6	8						
	ll Depth (1		4,43	Depth to V	Vater (ft.)	: 08°	3,9/							
	Free Prod	•	1 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Thickness	of Free Pi	roduct (fe	eet);							
Reference	ed to:	(PVC)	Grade	Flow Cell	Type:	Hies	· YSI fro	P/W_						
Purge Methors Sampling M	lethod:	2" Grundf Dedicated	Tubing		Peristaltic Pump Bladder Pump New Tubing Other									
Start Purge	Time:		Flow Rate: _				Pump Depth:	T						
Time	Temp.	pН	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)						
	-In	su the	irnt	vater to	o Pwje	cy Sas	ple —							
		-N	o Sas	ple To	aken-									
	,													
				-, · · · · · · · · · · · · · · · · · · ·			•							
Did well o	lewater?	Yes	l No		Amount a	ctual <u>ly e</u>	vacuated:							
Sampling	Time:				Sampling									
Sample I.I	D.:				Laborator	y:								
Analyzed	for:	TPH-G	втех мтв	E TPH-D		Other:								
Equipmen	t Blank I.I	Ō.:	@ Time		Duplicate	I.D.:								

WELL ID: MW-17	PROBETYPE 11101 How
SAMPLING DATE(S) 08/03/2 2	SERIAL NO. EMS250 C
LOCATION: JPC	PROJECT: JOL
WATER LEVEL INSIDE CASING: 2/1/3/8	OPERATOR(S) 1. How
ATM PRESSURE (PSI): (Start) /4//O (Finish) /4/09	WEATHER Clay

			Probe to op Collar			sts / Position) / (lower prob			Sample Collection Checks (probe at sampling port in MP casing)							F	ield Parame	ters		Sample		
Port Number	Run Number		Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (5 psi)	Ciose Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	pН	Turbidity (NTU)	Dissolved Oxygen —(ppm) MG/1L	ORP (mv)	Sample Time	Sample ID
4			V	$\frac{\vee}{}$	<u> </u>	- V	\mathcal{V}	176.6.	3 V	125,93	<	125.93	V	176.63	1912	926	7,31	a	211	138	0830	MW-17-4
3	5 1		V	V	\checkmark	V	V	127,16	2 V	93,02	V	93.00	V	12716	19,2	<i>5</i> 327	7,43	1_	7,71	135	0905	mw-17-3
2	· ¥	1	V	V	V	V	<u></u>	84,56	2 V	5450	V	54,50	V	84,56	ja G	393	723	2	7,55	142	0930	MW-17-2
	<u> </u>																					
		-					-															

Comments: <u>TB-3-080332 @ 0700</u>	

WELL ID: MW-(8	PROBE TYPE Worthar
SAMPLING DATE(S) OS//0/2 Z LOCATION:	SERIAL NO. FINS A SCIZI
WATER LEVEL INSIDE CASING: 997, 46	OPERATOR(S) S. Hoan
ATM. PRESSURE (PSI): (Start) /4/67 (Finish) / 1/03	WEATHER C/Cer

		Probe to Top Collar	Surface (probe in	Function Tes top of collar)	sts / Position) / (lower prot	Sampler oe to port)		Sample Collection Checks (probe at sampling port in MP casing)							F	ield Paramel	ers			Sample		
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (5 psi)	Close Valve/ Shoe in/ Arm in	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psl)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psl)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)	ORP (mv)	Sample Time	Sample ID	
5	<u></u>		1/		W		185,90	M	157,59	<u>V</u>	157,59	V	185,90	211	994	7,53	5	8.03	70	0805	MW-18-5	
								-			:			-							DUP-7-3QZ	
4	+-	V	\ \	V	V	V	133,66	V	110,86	V	110186	V	133,06	210	450	7,41	2	733	123	0845	mw-18-4	
Ü	1	`	~		~	V	72,60	M	63/17	V	62117	V	70.60	3 0.6	542	7,31	2	Z65	133		MW-18-3	
2	1	V	V	V	V	V	3/67	V	24.63	V	24,63	V	31.67	a118	416	7,63	3	7.78	120	1030	mw-18-Z	
			V	<u></u>	V		31.65		24,62	<u></u>	8416X	_	31,65								ms/msD	
										_												
	nments:		5 0	- A C	1/05		70															

EB-8-00/022@1095

WELL ID: MW-19	PROBETYPE INESTACY
SAMPLING DATE(S) 08/01/22	SERIAL NO. EMS 2654
LOCATION: I reatment Compound	PROJECT: TIDEWater @ JPL
WATER LEVEL INSIDE CASING: 144120	OPERATOR(S) (1/tags)
ATM. PRESSURE (PSI): (Start)/4, /O (Finish) /4,/2	WEATHER Clean/Hot
•	

		Probe to Top Collar			sts / Position / (lower prot			Sample Collection Checks (probe at sampling port in MP casing)							F	ield Parame	ters			Sample		
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valv <i>el</i> Apply Vacuum (5 psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	hort Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen -{ppm}	ORP (mv)	Sample Time	Sample ID	
5	i	V	V	V	~	~	168,29	V	114,85	¥	114,85			241	785	7,55	2	7,90))\	1130	nw-19-5	
4	1	<u> </u>	V	V	<u> </u>	✓	144,81	V	91,69	V	9/169	V	144,81	2410	811	7,43	1	7,69	119	1150	mw-19-4	
3	1	V	V	V	V	V	122,25	V	84115	V	84,15	V	122.25	241	965	7.10		7.75	76	1215	mw-19-3	
2	1	\checkmark	V	V	V	V	88,34	V	50,80	4	50,80	V	88,34	26,0	1025	7,40	2	7,09	112	1300	MW-19-2	
	Ì	V	V	V		V	<i>57,27</i>	V	21.68	V	21.68	V	<i>57.</i> 07	<i>3</i> 3.7	662	755	a	6,95	/10	1315	mw-19-1	
										+												
					-					1												
										1												

L				<u> </u>			2 %															

Comments: EB-1-080162 @ 1330	
513-1-0801720 1345	

	WELL ID: SAMPLING E LOCATION: WATER LEV ATM. PRESS	DATE(S) ON EL INSIDE CA	ir.	0 7 2 Pester 13 349 10 11 (Finish)	[] []	Lot 1113				PROBE TYPE SERIAL NO. PROJECT: OPERATOR(S) WEATHER	Wo Em, deux	s there		SPL.				· · ·
	Function Tes							tion Checks port in MP casing)				F	ield Parame	ters				Sample
Shoe Out/ Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (5 psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	n Port Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)—	ORP (mv)	Sample Time	s
1	1 1	1 1 2	ľ 。/	7/11-77	0	21211	18/	7000 10		2000	acil	10004	- 211	ì	1.37	: / /	e Man	

Probe to

Top Collar

Comments:	TB-1-086172600700				
				<u>:</u>	

WELL ID: MW-Z	PROBETYPE Westhaw
SAMPLING DATE(S) 05/09/22 LOCATION: JOC	SERIAL NO. J-175 2562 PROJECT: TPC
WATER LEVEL INSIDE CASING: 119126	OPERATOR(S) // Hay
ATM. PRESSURE (PSI): (Start) 4,05 (Finish) (9,0)	WEATHER Clav

		Probe to Top Collar	Surface I	Function Tes top of collar)	ts / Position / (lower prob	Sampler e to port)					tion Checks ort in MP casing)				F	ield Paramel	ers				Sample
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valve/ Appfy Vacuum (5 psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psl)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (PPM)	ORP (mv)	Sample Time	Sample ID
5	1		V	\sim	V	~	128:11	V	11996	V	119.96	V		23.]	896	7.13		6.35	100	1110	MW-21-5
Ч	1 2	<i>V</i>	V V	V	V		101.02 101.00	ンシ	93,09 93,06	V	93,09 93,06	<i>V</i> <i>V</i>	101.00	<i>3</i> 3,8	937	7,49	3	7,49	102	1145 1200	MW-21-4 DUP-6-3022
3	12	✓	V	V	V	\ \ \	70,87 70,83	ンレ	63/25 63/25	< <	63,28 63,25	✓	70,87 70,83	26:7	1173	673	2	7.55	183	1835	mw-21-3 ms/msD
2	1	V	V	V	V	/	3632	V	29,18	V	29118	V	36,32	2414	1277	7,28	1	7.69	114	1315	mv-21-2.
1	1	V	V	V	V	V	14,12	V	14/11	V	14,11	V	14,12		Port	is	Dv	<u> </u>	to San	7/2	MW-21-195
Com	ments:	E	3-7-	080	1986	(a)	, 1330)						·	J	<u> </u>	L		L	I	

Comments: <u>FB-7-08098</u>2 (a) 1330

				WATER LEV		ASING: 2	45,93 (Finish)	12	4.07		-		OPERATOR(S) WEATHER	11/	how	>				,			
		Denk. 4-									•		WEATHER (1	<u> </u>								
		Probe to Top Collar	Surrace (probe in	Function Tes top of collar	ts / Position / (lower prot	Sampler re to port)					ction Checks port in MP casing)				F	ield Paramet	ers				Sample		1
V Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valvel Apply Vacuum (5 psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe in	Pressure in MP Casing (pst)	Sample Temp (°C)	SC (µS/cm)	рΗ	Turbidity (NTU)	Dissolved Oxygen (PPM)—	ORP (mv)	Sample Time	s	ample ID	
3	1	V	V	V	V	V	80,50	V	7	V	75.83	V		208	603	7,22		8119	140	0X15	mw-z	22-3	+
2	1	, _					ru 00		<u> </u>		(117							7.1.					1
4	<u> </u>	<u> </u>	<u> </u>	V	V	<u>~</u>	27122	1	49,76	V	49176	V	54,33	30,4	517	7,24		8190	138	0830	MW-2	2-5	1
ī]	V	V	V	V	V	14117	1	14114	V	17/19	V	14117	- F	Per F	15	DW	-No	Samol		M oto - É		MG
								+		-											7,0		1
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Corr	ments:			<u> </u>		L	<u></u>	<u> </u>		<u></u>		<u> </u>		<u>L</u>									_
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						<u>-</u>																	_
						Blaine	Tech S	erv	ices, Ind	;, '	1680 Rog	jer	s Ave., Sa	an Jos	e, CA 9	5112	(800)	545-755	8			-	

WELL ID: MW-Z	3,	PROBETYPE ALLESTABLE	
SAMPLING DATE(S)	5/72	SERIAL NO. FMS 252	-
LOCATION:	0	PROJECT: DOC	
WATER LEVEL INSIDE CASING:	3,85	OPERATOR(S) (, Hace	
ATM. PRESSURE (PSI): (Start) 1910	9 (Finish) 14,07	WEATHER Clean	
	•		
ce Function Tests / Position Sampler	Sample Collection Charles		

		Probe to Top Collar	Surface (probe in	Function Tes top of collar)	sts / Position / (lower prof	Sampler pe to port)					tion Checks port in MP casing)				Fi	ield Paramet	ers				Sample
Port Number	Run Number	Arm out / Land Probe	Shoe Out Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (5 psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)	ORP (mv)	Sample Time	Sample ID
4	4		\sim	~	<u>\</u>	<u></u>	146,05	V	12/181	1	12/18/	V	146,05	20.8	636	723	2		44	0750	mw-23-4
3	I	V	V	V	~	V	92,03	v	73,33	レ	73.33	V	92,03	20:7	551	6,97		7.35	105	0830	mw-23 - 3
2	1	√ √	V	<u>/</u>	V	V	63,72 63,50	V	45,25		45,26	V	63,72 63,50	alia	963	6177		7,59		0900	MW-23-Z
1		1 V	V	V	V		37.45				14.16	V	27,95	Manager Pages	Port	is:	Dry.	- No	(64		U CIVILLIA
											1										
	ments:	-110	2-5-	OP	57.7	(a) (TIGA														

Comments: 173-5-080522 @0700

WELL ID: 1911-29	PROBETYPE Westbay
SAMPLING DATE(S) 08/04/72 LOCATION: SPC	SERIAL NO. FINS 25000 PROJECT: SPC TICLE 14 A
WATER LEVEL INSIDE CASING: 252,42	OPERATOR(S)). HOUR
ATM. PRESSURE (PSI): (Start) 14,04 (Finish) 14,06	WEATHER CLEAN

		Probe to Top Collar	Surface (probe in	Function Te top of collar	sts / Position / (lower prot	Sampler be to port)					tion Checks port in MP casing)				F	ield Paramet	ers				Sample
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valvo/ Apply Vacuum (5 psi)	Close Valve/ Shoe In/ Arm in	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psl)	Close Valve/ Shoe in	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen —(ppm)	ORP (mv)	Sample Time	Sample ID
4		~	<u> </u>	~	V	V	145,78	V	127,48	M	127,45	>	145.78	83,3	331	725	A	6.07	-10	0950	MW-24-4
3		>	V		V	V	99175	1	92.62	V	92.62	~	74,75	23.1	566	7.08	1	7,59	124	1026	mw-24-3
2	1		V	V	Y	1	67,77		<i>56,37</i> 56,34	1	56,37 56,34	レン	67,77	23.6	567	727	2	8,09	131	1050	MW-24-Z DUP-3-362Z
1	1	\(\)	V	V	~	V	26191	V	18,74	1	18,74	1	67,7C 26,91	23,4	530	720		7,39	115	1105 1800	DUP-3-3622 MW-24-1
								L							`						
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			`					-													

Comments: FB-4-080472@1215

WESTBAY™ GROUNDWATER MONITORING WELL

(PA)	FIELD DATA LOG SHEET	
WELLID: MW-25	PROBETYPE 11 les toay	
SAMPLING DATE(S) OS/UZ/EZ	SERIAL NO. EMS 2502	
LOCATION: Mart. Ford	PROJECT: JPC	
WATER LEVEL INSIDE CASING: 34468	OPERATOR(S) T. Hoas	
ATM. PRESSURE (PSI): (Start) 19112 (Finish) 14109	WEATHER Clear 1 Hot	
•	, , , ,	

		Probe to Top Collar			sts / Position) / (lower prot						tion Checks port in MP casing)				F	ield Parame	ters				Sample
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Vaive/ Check Vacuum	Open Valva/ Apply Vacuum (5 psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psl)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe in	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	Нq	Turbidity (NTU)	Dissolved Oxygen —(ppm)—	ORP (mv)	Sample Time	Sample ID
5	<u></u>	<u> </u>	V	\checkmark	<u> </u>	1	718198	V	2/1/15	V	211,15			23,1	375	769	2	6,84	55	1045	mw-25-5
4	1	V	√	V	V	V	184,41	V	177,75	V	17775	V	184.41	23,9	843	7,15		8,55	67	1120	mw-25-4
3	1	V	V	V	V	V	638105	V	123,16	V	133,16	V	128:05	23.0	631	7.33	1	7.81	112	1145	mw-25-3
2	12	V	~	V	V	Y	93,24	l	87.82	1	89,82	V	9324	<i>3</i> 5.3	697	7,33	1	7,39	127	1300	MW-25-2
			\sim	V	\sim		92,79				89,80		92.79			(44)	118			1315	DUP-2-3022
1	•		\checkmark	V	V	<u> </u>	64,94	レ	62.33	V	<i>62,33</i>	V	64,94	25,2	756	7,52	15	8,39	123	1345	MW-25-1
									100												

			7 7	60	17 77		14/00	Ĺ	,												

Comments: <u>EB-2-080727</u> @ 1400

SERIAL NO.

		Probe to Top Collar	Surface (probe in	Function Tes top of collar)	ts / Position / (lower prot	Sampler oe to port)			Sample C (probe at samp	ollect ling p	tion Checks port in MP casing)				F	ield Parame	ters				Sample
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (5 psl)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psl)	Shoe Out	Port Pressure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	Нф	Turbidity (NTU)	Dissolved Oxygen -(epm)	ORP (mv)	Sample Time	Sample ID
2	1_	<u> </u>	V	$\mathcal{V}_{\underline{i}}$	V	V	83,97	\vee	44,49	u	44,49	∇	8397	228	684	7,44	B	mg 12 7,95	1060	1045	MW-26-2
	2			V	V	<u> </u>	83,96	V	44.46	V	44,46	1	83,96							1100	DUP-4-302
$\overline{\perp}$	1	V	V	V	\sim	V	46.35	V	19/18	~	14118	V	46.35		Port	ل ا	n/ -	1/2	> ang		
								-									t	7 4 67	o county.		
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	ments:	FB	- 5 - /	100	5577	, Ces	1/30			Ш		L					L				