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 4th Quarter 2020 sampling event was conducted by Blaine Tech Services, Inc.

Note: During the fourth quarter 2020 the relatively shallow standpipe wells MW-5, MW-6, MW-7, MW-13 and MW-16 and the uppermost sampling ports (i.e., Screen 1) in the multi-port monitoring wells MW-12, MW-14, MW-17, MW-18, MW-20, and MW-21 were dry, and no samples were collected.

Project #: 20/023-14/4/	Site: JPL								
Sampler: HH	Date: 11/04/20								
Well I.D.: MW-	Well Diameter: 2 3 4 6	8							
Total Well Depth (TD): //O, O I	Depth to Water (DTW): 40,60								
Depth to Free Product:	Thickness of Free Product (feet):								
Referenced to: PVC Grade	Flow Cell Type	YSI 556							
DTW with 80% Recharge [(Height of Water Col	lumn x 0.20) + DTW]: 54,48								
Positive Air Displacement Ext	Waterra Sampling Method: Bailer Rediflo pump Disposable Bailer raction Pump Extraction Port Dedicated Tubing Other: Well Diameter Multiplier Well Diameter Multiplier								
$\frac{45.2 \text{(Gals.)} \times 3}{1 \text{ Case Volume}} = \frac{135.6 \text{ Gals.}}{2 \text{Calculated Volume}}$	I I	0.65 1.47 radius ² * 0.163							
Temp (°F or Turbidity (NTUs) 1 0 17.6 7.41 6 19 3	D.O. (mg/L) ORP(mV) Gals. Removed 195 18	PTW Observations 41,31 41,34 41,36 641 41,38 41,39 41,40 6 r: 41,40							
Analyzed for:	Other See C	.O-C							
EB I.D. (if applicable):	Duplicate I.D. (if applicable): DUP-6-462 X								
FB I.D. (if applicable):	Analyzed for:								
D.O. (if req'd): Pre-purge:	mg/ _L Post-purge:	mg/ _L							
O.R.P. (if req'd): Pre-purge:	mV Post-purge:	mV							

WELLID: MW-3	PROBE TYPE // LSTM W
SAMPLING DATE(S) /1/04/20	SERIAL NO. FMS 257
LOCATION: DPL	PROJECT: JPL
WATER LEVEL INSIDE CASING: 183,62	OPERATOR(S) 7-1-1/1 Can
ATM PRESSURE (PSI): (Start) 4,09(Finish) / (///	WEATHER CHECK

		Probe to Top Collar			ts / Position / (lower prob			Sample Collection Checks (probe at sampling port in MP casing)					Field Parameters						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 (psl)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen -(ppm)	ORP (mv)	Sample Time	Sample ID
2	1		~		/	~	218.74	$ \checkmark $	217.87	\checkmark	21797	✓	218,75	16,2	720	691	43	7,49	150	0735	mw-3-5
L)						1	1-17-01		102 20	./	1000	./				_					
1-1		V	V	V	<i>V</i>	V	177.20	$ \cdot $	177.24	4	(11.45	>	177.26	17.7	553	703	63	7/10	148	0750	mw-3-4
3	j		V	V	1	V	84.83	V	85.63	√	85.88	V	94,81	1918	514	687	7	693	147	0818	mw-3-3
2	3	V	V	V	V	V	43.76	√	47.01		47.01	~	43.79	<i>3</i> 3.6	509	7,20	7	6.183	133	0850	MW-3-2
I	A	V	V	V	V	V	4.22	V			16.15	1	14.24	23.7	413	7,24	17	6,55	1261	920	mw-3-1
	1	~	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	√ 	<u> </u>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	14.18	M	10.02	<u> </u>	16.00	~	A,25								
-						<u> </u>		\vdash		\vdash											,
										\perp											
-					-																
	<u> </u>	<u> </u>		<u> </u>	1			<u> L</u>													

Comments: $\overline{5B-8-1/0470}$ (Comments: $\overline{5B-8-1/0470}$ (C

WELLID: MW-4	PROBE TYPE / L/Es Hb 4/
SAMPLING DATE(S) // GZ/2C	SERIAL NO. EMS 752
WATER LEVEL INSIDE CASING: 152 33	PROJECT: SPL
ATM PRESSURE (PSI): (Start) 14,15 (Finish) 14,16	OPERATOR(S)
	WEATHER Clear

		Probe to Top Collar	Surface (probe in	Function Tes top of collar)	sts / Position / (lower prob	Sampler se to port)		Sample Collection Checks (probe at sampling port in MP casing)					Field Parameters						Sample		
Port Number	Run Number	Arm out /	Shos Out/ Close Valva/ Check Vacuum	Open Valve/ Appty Vacuum (5 psi)	Close Valve/ Shos In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	Port Pressure (psl)	Open Valve	Port Pressure (pst)	Close Valve/ Shoe In	Pressure in MP Casing (psl)	Sample Temp (² C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)	ORP (mv)	Sample Time	Sample ID
5	1	17414	- V	V	V	V	174.14	V	169,72	V	169.72	V	174.14	17.9	742	7,01	3	6,33	150		mw-4-5
4		V	V	V	V	~	119,50	V	116192	V	116192	V	119,52	21.0	634	694	7	6.05	143	05/0	MW-4-4
3	l	V	V	V	V	V	88.51	V	86,60	2	86,60	V	SE.51	<i>50,0</i>	638	7.10	9	644	132	0235	mw-4-3
2	1		V	V	V	V	58.52	V	51.72	V,	51,72	V	52.52	18.3	<i>928</i>	7,03	5	6,83			MW-Y-Z
I	12	V	V	V	V	V		シン	15.69	U	15.69	ン シ	14,15	18.5	383	7.21	8	8.80	131	0935	mw-4-1
	_				V		11110	_	19,10		17.70	V	14.15								
															_						
					(D) 0																

Comments: TB-6-116720@) 0700

Project #:	2010	123-	##1		Site:	J8	² L				
Sampler:	HH				Date:	//	104/2	20			
Well I.D.:	MW-	5			Well D	ian	neter: 2	3 4 6	6 8		
Total Well	Depth (TD):	Ded nov	w	Depth to Water (DTW): 133,5						
Depth to Fr	ee Prod	uct:		J	Thickn	ess	of Free P	roduct (feet):			
Referenced	to:	PVC	Grade		Flow C	ell	Type		YSI 556		
DTW with	80% Re	charge	:[(Height of	Water Col	lumn x 0.20) + DTW]:						
Purge Method:		Positive	able Bailer e Air Displacemen Submersible	The state of the s	Waterra Sampling Method: Bailer Rediflo pump Disposable Bailer raction Pump Extraction Port Dedicated Tubing Other:						
1 Case Volume	Gals.) X Sp	pecified V	= Calcu	Gals ulated Volume	3.	1 2	Diameter Mu 1" 0.0-0 2" 0.10 3" 0.33	6 6"	neter Multiplier 0.65 1.47 radius² * 0.163		
Time	Temp (°F or °C)	pН	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg		ORP(mV)	Gals. Remove	ed Observations		
_	- In	sut	acient	wat	<i>I</i>	0/	Purge	or Sam	,/e —		
	-			V -		•	/				
			- No	ample	2 /0	1	ren-				
				,							
Did well dev	vater?		Yes	No	Gallons	act	tually eva	cuated:			
Sampling Da	ate:			Sampling	Time:			Depth to Wa	ater:		
Sample I.D.:				and the second second second second	Laborat	ory	/·				
Analyzed for	r:							Other:			
EB I.D. (if a	pplicabl	le):		@ Time	Duplica	te I	I.D. (if app	plicable):			
FB I.D. (if a _l	pplicabl	le):		@ Time	Analyze	ed f	or:				
D.O. (if req'o	1):		Pre-purge:		mg/I	L	Pos	st-purge:	mg/ _L		
O.R.P. (if red	a'd):		Pre-purge:		mV	,	Pos	t-purge:	mV		

Project #:	20/0	023.	- 441		Site:	L	PL					
Sampler: /	411				Date:	1)	104/2	0				
Well I.D.:	mv-	-6			Well D)ian	neter: 2	3 4 6	8			
Total Well	Depth (TD): /	237,96	>	Depth	Depth to Water (DTW): DRT						
Depth to Fr	ee Prod	uct:			Thickness of Free Product (feet):							
Referenced	to:	PVC	Grade		Flow C	Cell	Type		YSI 556			
DTW with	80% Re	charge	[(Height of	Water Co	lumn x ().20)) + DTW]					
Purge Method:		Positive	able Bailer e Air Displacemen Submersible		Waterra Sampling Method: Bailer Rediflo pump Disposable Bailer raction Pump Extraction Port Dedicated Tubing Other:							
							Diameter Mult 1" 0.04 2" 0.16		r <u>Multiplier</u> 0.65 1,47			
1 Case Volume	Gals.) X Sp	ecified V	= Volumes Calc	Gal ulated Volume			3" 0.37	_	radius ² * 0.163			
	Temp (°F or		Cond. (mS/cm or	Turbidity								
Time	°C)	pН	μS/cm)	(NTUs)	D.O. (mg	<u>3/L)</u>	ORP(mV)	Gals. Removed	Observations			
			vell	is D	4-							
					`							
			No S	unle	Tuk	<u>e</u>	r —					
<u> </u>	····											
									1			
Did well dev	vater?		Yes	No	Gallons	act	tually evac	euated:	· · · · · · · · · · · · · · · · · · ·			
Sampling Da	ate:			Sampling	Time			Depth to Wate	er:			
Sample I.D.:					Laborat	ory	•					
Analyzed for	r:							Other:				
EB I.D. (if a	pplicabl	e):			Duplica	te I	.D. (if app	licable):				
FB I.D. (if a _l	plicabl	e):		@ Time	Analyze	ed f	or:					
D.O. (if req'o	l):		Pre-purge:		mg/ _l		Post	-purge:	$^{ m mg}/_{ m L}$			
ORP (if rec	ارل). مارط)،		Pre-nurge		mV	,	Post	-nurge	mV			

Project #:	2010) <i>23-</i>	HH1		Site:	•	JPL					
Sampler:	+11				Date:	//	104 /2.	O				
Well I.D.:	mv	-7			Well D	iam	eter: 2	3 (4) 6	8			
Total Well	Depth (TD): (267.47		Depth 1	to W	Vater (DT	W): DRY	'			
Depth to Fr	ee Prod	uct:	,		Thickness of Free Product (feet):							
Referenced	to:	PVC	Grade		Flow C	ell [Туре		YSI 556			
DTW with	80% Re	charge	[(Height of	Water Co	lumn x 0.20) + DTW]:							
Purge Method:		Positive	able Bailer e Air Displacemen Submersible		Waterra Sampling Method: Bailer Rediflo pump Disposable Bailer raction Pump Extraction Port Dedicated Tubing Other: Well Diameter Multiplier Well Diameter Multiplier							
		ســـــــــــــــــــــــــــــــــــــ				1' 2"	0.04	4" 6"	0.65 1.47			
1 Case Volume	Gals.) X Sp	pecified V	= Calc	Gal ulated Volume		3"	0.37	Other	radius ² * 0.163			
Time	Temp (°F or °C)	pН	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg	g/L)	ORP(mV)	Gals. Removed	Observations			
		1	Jell	is D	W							
		L `			(****				
			- No	Sary	1/e	1	ken					

					'							
Did well dev	vater?		Yes	No	Gallons	actı	ually evac	uated:	٦.			
Sampling Da	ite:			Sampling	Time:			Depth to Wate	er:			
Sample I.D.:		·			Laborate	ory:						
Analyzed for	••							Other:				
EB I.D. (if a _l	plicabl	e):			Duplicat	te I.	D. (if app	licable):				
FB I.D. (if ap	plicabl	e):		@ Time	Analyze	d fo	or:					
D.O. (if req'd	l):		Pre-purge:		mg/L		Post-	purge:	mg/ _L			
ORP (if rec	n'd)·		Pre-nurge:		mV	Π	Post-	nurge:	mV			

Project #:	2010	23-	1+ ft 1		Site:	J)	PL_				
Sampler:	HH				Date:	11/	05/20				
Well I.D.:	MW-	8_			Well D	iam	eter: 2	3 4 6	8		
Total Well	Depth (TD): /	205,00		Depth to Water (DTW): 76,03						
Depth to Fi	ree Prod	uct:			Thickne	ess	of Free Pr	oduct (feet):			
Referenced	to:	PVC	Grade		Flow Cell Type YSI 556						
DTW with	80% Re	charge	[(Height of	Water Co	lumn x 0	.20)) + DTW]	•			
Purge Method:		Positive	able Bailer Air Displacemer Submersible		Waterr Rediflo pum raction Pum	p		Sampling Method:	Disposable Bailer \ Extraction Port Dedicated Tubing		
**						Well [iplier Well Diameter 4"	Multiplier 0.65		
(Gals.) X		=	Gal	3.	2" 3"	0.16	6" Other	1.47 radius² * 0.163		
1 Case Volume	Sp	ecified V	olumes Calci	ulated Volume							
Time	Temp (°F or (°C)	pH	Cond. (mS/cm or (µS/cm)	Turbidity (NTUs)	D.O. (mg	/L)	ORP(mV)	Gals. Removed	Observations		
	Pum	pdi	dnote	vork,	Collee	1	grab.	sample			
	per	clì.	ents r	eques	H						
1015	ah0	211	873	>1000	5,78		69				
Did well dev	water?		Yes	No	Gallons	acti	ually evac	uated:			
Sampling Da	ate: \(05/20)	Sampling	Time:	tol	2	Depth to Wate	r: 76.03		
Sample I.D.:		1			Laborate	ory:	BC				
Analyzed fo	r: See	Co						Other) See C	,c, C		
EB I.D. (if a	pplicabl	e):		@ Time	Duplicat	te I.	D. (if app	licable):			
FB I.D. (if a	pplicabl	e):		@ Time	Analyze	d fo	or:				
D.O. (if req'o			Pre-purge:		mg _{/L}		Post	-purge:	$^{ m mg}/_{ m L}$		
O.R.P. (if re			Pre-purge:		mV		Post-	-purge:	mV		

Project #: 20 1023 - HH	Site: SPC	
Sampler:	Date: $1104/20$	
Well I.D.: MW	Well Diameter: 2 3 (4) 6 8	
Total Well Depth (TD): 68,00	Depth to Water (DTW): 34,92	
Depth to Free Product:	Thickness of Free Product (feet):	
Referenced to: (PVC) Grade	Flow Cell Type YSI 556	
DTW with 80% Recharge [(Height of Water C	Column x 0.20) + DTW]: 41.53	
	Waterra Sampling Method: Bailer 2" Rediflo pump Disposable Bailer Extraction Pump Extraction Port Ded Cated Tubing Other: Well Diameter Multiplier Well Diameter Multiplier	
$\frac{2116}{1 \text{ Case Volume}} (\text{Gals.}) \times \frac{3}{\text{Specified Volumes}} = \frac{448}{\text{Calculated Volume}} G$	Ti" 0.04 4" 0.65 2" 0.16 6" 1.47 3" 0.37 Other radius² * 0.163	
Temp Cond. (°F or (mS/cm or Turbidity) Time PH (µS/cm) (NTUs)	·	
1325 2119 751 521 291	292 103 10 35,50 37,50)
1331 2214 7.46 492 50	2110 95 22 3551 3751)
1336 22.6740 483 41	RIOI 93 32 35,5 37,51	r
1342 20,7735 479 39	1 1,95 90 44 37,51	
1347 22,7733 477 36	1190 88 54 37,51	
1353 88 731 473 37	1183 86 66 37,51	
Did well dewater? Yes (No)	Gallons actually evacuated: 66	
Sampling Date: 1104/26 Samplin	ng Time: 1355 Depth to Water: 37,5/	
Sample I.D.: MU-9	Laboratory:	
Analyzed for:	Other) Lee C.C.C	
EB I.D. (if applicable):	Duplicate I.D. (if applicable): DUP-7-4620 146	Ô,
FB I.D. (if applicable):	Analyzed for:	
D.O. (if req'd): Pre-purge:	mg/ _L Post-purge: mg/ _L	
O.R.P. (if req'd): Pre-purge:	mV Post-purge: mV	

Project #: 2	20/02	23-1	441		Site:	ت	PL			
Sampler: H					Date:	11	105/2	?0		
Well I.D.:	,	10			Well Di	iam	eter: 2	3 4 6	8	
	<u></u>		ed Don	n	Depth t	о W	Vater (DTV	W): 149,6.	3	
Depth to Fre								oduct (feet):		
Referenced t		(vc)	Grade		Flow C	ell '	Туре		YSI 556	
DTW with 8	0% Rec	charge	[(Height of	Water Col	lumn x 0.20) + DTW]:					
Purge Method:		Positive	able Bailer Air Displacement Submersible			p p		Sampling Method: Other:	Disposable Bailer Extraction Port Dedicated Tubing	
(G 1 Case Volume	Gals.) XSpe	ecified V		Gals		Well I 1' 2' 3'	" 0.16	iplier Well Diameter 4" 6" Other	Multiplier 0.65 1.47 radius² * 0.163	
Time	Temp (°F or	рН	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg	g/L)	ORP(mV)	Gals. Removed	Observations	
36			Crab	Sam	le-	-				
0825	19,2	6,87	518	>1000	4161	7	67,2	*		
			,							
Did well dev	vater?	1	Yes ((No)	Gallons	act	tually evac	cuated:	3	
Sampling Da	ite: [[-	-05.	- 20	Sampling	Time:	<u>0</u> 8	, 25	Depth to Wate	r: 149.63	
Sample I.D.:					Laborat	ory	: kC			
Analyzed for							(Other: See	COC	
EB I.D. (if ap	pplicabl	e):		@ Time	Duplica	ite I	.D. (if app			
FB I.D. (if ap	-			@ Time	Analyzed for:					
D.O. (if req'd			Pre-purge:		mg/I	L	Post	-purge:	mg/L	
O.R.P. (if red			Pre-purge:		mV	7	Post	-purge:	mV	

WELL ID: MIN-//	$a \cap B$
"IV I alach	PROBE TYPE (LIRST MUST
SAMPLING DATE(S) // 63/2 C	SERIAL NO. FMS 2502
LOCATION: SPC	PROJECT: SPL
WATER LEVEL INSIDE CASING: 205, 77	OPERATOR(S) To Hacen
ATM. PRESSURE (PSI): (Start) 14,07 (Finish) 14,09	WEATHER Clean

		Probe to Top Collar	Surface (probe in	Function Tes top of collar)	ts / Position / (lower prob	Sampler ne to port)					ion Checks ort in MP casing)				Fi	ield Paramel	ers				Sample
) Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (5 pst)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe		Shoe Out	Port Pressure (psl)	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 (pam) WY/Z	ORP (mv)	Sample Time	Sample ID
2	2	√ √	V	V	V	1	204.53	V	178.64 178.62	V	178.64	\ \ \	204.53 208.55	18,8	329	7.49	8	690	116	0800	mw-11-5
4	1	V	V	V	V	V	156,02						15km 02		337	7,39	2	7,39	-49	0725	MW-11-4
3		V	V	V	V	V	114,93	V	110:39	V	110.39		114,93	' '		7.57		710			mw-11-3
2		V	V	V	V	V	4/1/9	V	42.12	U	42,13	V	41,19	21.2	445	7.61	3	6190			mv-11-2
1	1	V	1	1/	V	1	14,10	V	20.53	V	20,53	V	14,10	2113	602	7,46	2	6,85			mw-11-1
					-		7-11(1		D.C.12		20.51		19,//								
L		T12 -	7 116	7.700	307	<u> </u>	<u> </u>	Ш				<u> </u>	<u> </u>								

Comments: 13-7-116320@6766

WELLID: MW-12	PROBETYPE (1/0, +b)
SAMPLING DATE(S) / BOZ/ZO	SERIAL NO. EMS 2567
LOCATION: JPC	PROJECT: JPC,
WATER LEVEL INSIDE CASING: 199, 82	OPERATOR(S) // OZ/ZO
ATM. PRESSURE (PSI): (Start) 14.13 (Finish) 14.6	WEATHER Clean

		Probe to Top Collar			sts / Position) / (lower prob						tion Checks port in MP casing)				F	ield Parame	ters				Sample
Port Number	. Run Number	Arm out / Land Probe	Shoe Outl 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 Prossure (psi)	Open Valve	Port Pressure (psi)	Close Valve/ Shoe In		Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)	ORP (mv)	Sample Time	Sample ID
5		J	٦	J	₹/	<i>y</i>	199,41	٧	155,06		154,96	\checkmark	199.43	20,0	443	7.32	R	8,35	140	1050	MW-12-5
4	1		V	\ \ \ \			150,54	1	124,57	٧	124.35	√	150.5%	19,4	478	743	3	711	152	1115	mw-12-4
3	i	V	V	V	V	V	101,19	✓	79.08	\checkmark	79.10	\checkmark	[01.20	19.2	471	752	3	5,75	151	11401	nw-12-3
2)	V	V	V	V		66.25	1	45.41	V	A5.94	√	ie (p. 18	19.4	591	7.47	3	6155	155	1217	MW-12-Z
-	L	V	V	V	V	1	21.09	V	14.29		i4,20	√	21.09	-po	rtis	Dy	— J	Vo Sa	syle	Tak	en —
											· · · · · · · · · · · · · · · · · · ·			×							
							1	$\ \cdot\ $													
		` -		<u> </u>	<u> </u>																

Comments: <u>FB-6-1107.20(a)</u> 1315

Project #:	2010	23	-1+17-1		Site:	J	PL								
Sampler: /	4/4	-			Date:][104/	20							
Well I.D.:	MW	-13			Well D)ian	neter: 2	3 (4 6	8					
Total Well	Depth (TD):	234.26	>	Depth	to V	Water (DT	W):	DRY						
Depth to Fr	ee Prod	uct:			Thickn	ess	of Free P	roduct	(feet):						
Referenced	to:	PVC	Grade		Flow C	`ell	Туре			YSI 556					
DTW with	80% Re	charge	[(Height of	Water Col	umn x ().20)) + DTW]]:							
Purge Method:		Positive	able Bailer Air Displacemer Submersible		Water Rediflo pun raction Pun	np np Well	1" 0.04	tiplier	Other:	Disposable Bailer Extraction Port Dedicated Tubing					
(Gals.) X =Gals. 1"															
1 Case Volume	(Gals.) X = Gals. Case Volume Specified Volumes Calculated Volume Cond.														
Time	Temp Cond. (mS/cm or Turbidity														
			Well	ÎS Î)ry		A 1000000000								
					,				A						

			10	angle	2 Ta	10	en-								
					······································										
Did well dev	vater?		Yes	No	Gallons	act	tually evac	cuated	<u>:</u>						
Sampling Da	ate:			Sampling	Time:			Deptl	1 to Water	r:					
Sample I.D.:					Laborat	ory									
Analyzed for	r:							Other:							
EB I.D. (if a	pplicabl	e):			Duplica	te I	.D. (if app	licabl	e):						
FB I.D. (if a _l	plicabl	e);		② Time	Analyze	ed f	or:								
D.O. (if req'o	1):		Pre-purge:	•	mg/I		Post	-purge:		$^{ m mg}/_{ m L}$					
O.R.P. (if red	n'd):		Pre-purge:		mV	7	Post	-purge:		mV					

WELLID: MW-19	PROBETYPE (Westbu)
SAMPLING DATE(S) 10/27/20	SERIAL NO. EMS 2502
LOCATION: JP L	PROJECT: TPZ
WATER LEVEL INSIDE CASING: 199,15	OPERATOR(S) T. HOCE
ATM. PRESSURE (PSI): (Start) / 4,12 (Finish) (4,10	WEATHER (/e c)

		Probe to Top Collar		Function Tes top of collar)							ion Checks ort in MP casing)				F	ield Paramet	ers	******	· · · · · · · · · · · · · · · · · · ·		Sample
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valva/ 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 Vatve	Port Pressure (psl)	Close Valva/ 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	1	V	<u> </u>	V	V		169.38	V	149.15	V	149.15	7	169.38	15.8	938	7.15	ス	6.53	139	748	mw-14-5
4	1	√	\checkmark	√	\checkmark		132.64	1	113.00	1	112.99	√	132.63	16,7	729	7,08	1	6,59	143	816	MW-14-24
3	1	V	V	V/	V	V					180,44		100.33	184	1104	666	1	4.51	144	855	mw 14-3
	2	/)			100:30	Y	80.92 1	Y	80:93	✓	100-30							855	ms/msD
2	1	$\sqrt{}$	$\sqrt{}$		\	√	54.45	V	35.45	1	35.45	V	54,45	2h1	1189	6.99		5,39	113	1000	MW-14-2
	1	V		سا	\ <u>\</u>	V	20,40	2	14.15	ン	14.15	~	20,40	- Pa	tisp	v4-	No	Sampl	e Tal-	en-	mw-74-1-1-1
-																					

Comments: <u>TB-2-102720</u> (4 0700

WELL I	1011110	KING DA	TA SILEE		
Project #: 201023-HH1	L	Site: J	PL		
Sampler: HH		Date: \	1/05/2	0	
Well I.D.: MW-15	gu [†]	Well Dia	meter: 2	3 (4) 6	8
Total Well Depth (TD): 69,00)	Depth to	Water (DT	w): 46.	21
Depth to Free Product:		Thicknes	s of Free Pr	oduct (feet):	
Referenced to: PVC Grade		Flow Cel	l Type		YSI 556
DTW with 80% Recharge [(Height of	Water Col	umn x 0.2	0) + DTW]	: 50.71	6
Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible	t Extr	Waterra Rediflo pump action Pump DED RF 2	2_	Sampling Method:	Disposable Bailer Extraction Port Dedicated Tubing
		We	Il Diameter Mult 1" 0.04	iplier Well Diameter 4"	Multiplier 0.65
$\frac{14.9}{1 \text{ Case Volume}} \text{ (Gals.) X } \frac{3}{\text{Specified Volumes}} = \frac{44}{\text{Calculution}}$	Gals Gated Volume	i.	2" 0.16 3" 0.37	6" Other	1.47 radius ² * 0.163
Temp Cond. (mS/cm or Time C) pH μS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP(mV)	Gals. Removed	DTW Observations
0720 17.2 7.06 508	7	1.28	-62.2	8	47.16
0728 17.2 7.85 515	4 🔞	10.6°	-106.9	16	47.16
0736 17.3 8.21 517	ie i	0.86	-143.2	24	47-16
0742 17.28.30516	6	0.83	-152.7	32	47.16
0750 17.2 8.4 516	3	0,77	165.7	40	47.16
0758 17.2 8.53 517	2	0.74	-176.6	46	47.16
	\$0				
Did well dewater? Yes	No (Gallons ac	ctually evac	ruated: 46	
Sampling Date: $11/05/20$	Sampling '	Time: 👌	300	Depth to Wate	r:47.16
Sample I.D.: MW-15]	Laborator	y: BC		
Analyzed for:			<u> </u>	Other: See	
EB I.D. (if applicable):	@ Time]	Duplicate	I.D. (if app	licable): Dいf	>-8-4Q26
FB I.D. (if applicable):	@ Time	Analyzed	for:		
D.O. (if req'd): Pre-purge:		$^{ m mg}/_{ m L}$	Post	-purge:	mg/ _]
O.R.P. (if reg'd): Pre-purge:		mV	Post	·purge:	mV

Project #:	201	073	3-441		Site:	:J/	PL			
Sampler:	14/1				Date:	//	104/2	(
Well I.D.:	MW	-16			Well D	ian	neter: 2	3	4) 6	8
Total Well	Depth (TD):	284,71	/	Depth	to V	Vater (DT	W):	DRY	
Depth to Fr	ee Prod	uct:			Thickn	ess	of Free Pr	odu	ct (feet):	
Referenced	to:	PVC	Grade		Flow C	Cell	Туре			YSI 556
DTW with	80% Re	charge	[(Height of	Water Col	lumn x (0.20) + DTW]	:		
Purge Method:		Positive	able Bailer Air Displacemer Submersible		Water Rediflo pun raction Pun	np 	Diameter Mult	Sar	npling Method Other	Disposable Bailer Extraction Port Dedicated Tubing
						2	0.04		4" 6"	0.65 1.47
1 Case Volume	Gals.) X Sp	ecified V	/olumes Calci	Gals ulated Volume	5.		0.37	···	Other	radius ² * 0.163
Time	Temp (°F or °C)	pН	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (m ₂	g/L)	ORP(mV)	Gal	s. Removed	Observations
	'alesa		vell	ist	DVY					
				,	(
			No.S	ang le	2 /	ak	en-			
				V						
Did well dev	water?		Yes	No	Gallons	act	tually evac	uate	ed:	
Sampling Da	ate:			Sampling	Time:	······································		Dep	th to Wate	r:
Sample I.D.:					Laborat	ory	:			
Analyzed for	r:						,	Othe	r:	
EB I.D. (if a	pplicabl	te):			Duplica	ite I	.D. (if app	lical	ole):	:
FB I.D. (if a	pplicabl	e):		@ Time	Analyz	ed f	or:			
D.O. (if req'o	d):		Pre-purge:		mg/	L	Post	-purg	ge:	$^{ m mg}/_{ m L}$
O.R.P. (if red	a'd):		Pre-purge:		mV	7	Post	-purg	e:	mV

43	e e			WELL ID: SAMPLING D LOCATION: WATER LEVE ATM. PRESS	SPL EL INSIDE CA URE (PSI): (S	Start) 14,	26 09,12 00 (Finish)						PROJECT: S	Lest 502 L. Po Herr	bay Sadenc Jesan	`	plez				
		Probe to Top Collar		Function Tes top of collar)	ts / Position	Sampler					ion Checks ort in MP casing)				F	eld Paramet	lers				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	(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
5			レ	1	1/		240.67		179,99	/	V19.72	V	240,76	280	712	9.09	4	6.94	227	B20	MW-48-5
S_{-}	1		V	1		~	24014	V	180.17	ン	174.76	V	240,66				1				
4			V	1	V	<i>i</i> /	178.18		, 178.03	/	125.05	√	178,25	23.0	716	3.57	5	6.45	135	1445	MU-18-4
3	(V	V	1/	i/	1	128,78	V	95.65	V	95.8S	V	128.80	20.0	845	334	3	5.79	130	1530	MU-17-3
2	1	· _ /	V	~	V	/	86.17	V	57.60		57.81	V	06-21	26.7	479	353	4	5.84	129	1600	.40-17-2
1	1	V	V	<i>V</i>	V	\checkmark	33.97	V	14.24	V	14.18	V	-POR	DE	9 -	NC	SA	MPL	e -	TEYO.	HV-17-124
																		·			
		<u></u>		<u> </u>	- (1 =	<u></u>										<u> </u>					
Cor	mments:	_ <u>C</u> B	1-4	<u>e 1:</u>	54C)									·						

				WELL ID:	MU -	18	(2-7)				-		PROBE TYPE	West	bay	Sam	oler				· •
				LOCATION:	JPL	,					.			2507 PL F	t Pasaden	a					-
					EL INSIDE CA			7.1	07				OPERATOR(S)	L.Hen	derson						
			•) (Finish) (-		WEATHER (Jecry	Sunny	•					
		Probe to	Surface		EMP'sts / Position	13.9	2.0	1	2-21					****	· · · · · · · · · · · · · · · · · · ·						
		Top Collar	(probe in	top of collar)	/ (lower prob	e to port)					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 (psl)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (⁴ C)	SC (µS/cm)	рΗ	Turbidity (NTU)	Dissolved Oxygen (ppm)	ORP (mv)	Sample Time	Sample ID
A	1	~	ン	\bullet	1	س	18632		160.66		160.60	~	18:38	15.9	263	7.29	5	7.82	-63	0830	MW-18-5
4	12	V	V	V		1/	136.05 135.05		114.92	レン	114.93	Y	136.07 135.04	JB. O	421	7.15	3	<u>8.55</u>	79	0900	MD-18-4
3	10		1	i e	1		75.03	V	65,98	ン	65.99	V	75.0%	19.9	529	9.42	3	7.19	84	1000	MU-18-3
2		~	<u> </u>	<u>i/</u>	1	1 /	75.04	M	65.98	V	65.97	1/	/					1.01			
2	1	1/	1	V_{j}	V	1/	34.04	V	29.01 28.02	V	28.01	V	34.10	18.8	424	8.05	13	(0.01) 3.05	93	illS	MU-18-2
_	_		<i>\\</i>	V		V	<u>30.60</u>	V	76.02	V	20,02	1	30.60								
1		V	V	1	1		14.12	V	14.11		14.11	/	14.14	_P	CRT	DR	Y -	105	AMP	LE-	MV-18-1
			~~											•				2			,
- '							P	H		_											
								\Box			-10-1										
Com	nments:						Language,						I					i	L		

	-																				

WELLID: MW-19	PROBETYPE // 103thor-
SAMPLING DATE(S) 0/26/20	SERIAL NO. EIMS ASCIZ
LOCATION: SPL	PROJECT: SPL
WATER LEVEL INSIDE CASING: 140,99	OPERATOR(S) T. HOCKEY
ATM. PRESSURE (PSI): (Start) 14107 (Finish) 1412	WEATHER CICANIII
. (,	, , , , , , , , , , , , , , , , , , , ,

		Probe to Top Collar	Surface (probe in	Function Tes top of collar)	sts / Position / (lower prob	Sampler e to port)					tion Checks port in MP casing)			******	F	ield Parame	ters		1001001		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		Open Valve	Nort Pressure (psi)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTV)	Dissolved Oxygen (ppm)	ORP (mv)	Sample Time	Sample ID
5			V	V	V	V	170.96	V	117.89	6	117,89	\checkmark	170,96	P16	717	7,35	3	611	41	1240	mw-19-5
4		V	V	V	1	V	147,31	V	94,78	<u> </u>	94,78	V	147,31	1818	785	7,54	2	6:40	80		MW-K1-4
3	1	\ \ \		V	ン		124.68	++	87,44 87,43	ンと	87,44 87,43	V	12468	19,3 * 0	917	7.43		5,91	86	1335 1345	MW-19-3 DVP-2-4020
2	Ì	<u> </u>	V	~	V		_		5421	V	54,21	v	3	1915	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7,15		633	90	1435	mW-19-2
	12	\	V	/	1	1	59.48 58.35	٧ ٧	25.55 85,54	トン	25.55 \$5,54	√ ∨	59.48 58135	13:12	-50Z	7,38	1	645	64	1500	mw-19-1
											- 14 h	-									
L																					

omments: FB-1-102626(3) 1700 SB-1-102626(3) 1450

			- -		NATE(S) SPL EL INSIDE CA	ASING: 2 Start) / Y	6/20 40,71 OGFinish)		7,09				PROBE TYPE SERIAL NO. PROJECT: OPERATOR(S) WEATHER	MSI	How 2912/ Harry	\	, W	incly			
		Probe to Top Collar		Function Tes top of collar)					•		ion Checks ort 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 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 (⁰ C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)	ORP (mv)	Sample Time	Sample ID
5	1	\	✓	V	V	V	307.64	V	296:75	V	29675	V	305,64	14.8	382	7,31	2	6,05	-13	0810	MW-20-5
4)	V	V	V	1	V	31443	V	19426	V	19426	V	818.55	16:3	567	7,45	3	599	-19	0900	MW-20-4
3	1	V	V	V	V	سا	15846	V	139,04	V	139.04	٠V	158.46	1712	348	769	2	635	-77	0435	mw-20-3
<u>ک</u>	12	V	V	V	V	1	8441 84,35	V V	73,21 73,19	ンン	73.21 73.19	V V	84:41 84:35	17,2	700	7,46	3	6,45	58	1010 1020	MW-20-Z DUP-1-4020
1	1	V	V	V	V	~	14, 11	V	14107	V	14,07	V	14,11	-p	rtis	DIY	-No	Sin	ple s	Taker	1
							-	-													
								+		-											
																					Park the second
Cor	mments	T13-	 - <u> </u> 62	1 2610	<u>0</u> 0	700															

WELLID: 1/1/1/- 21	111211
100	PROBE TYPE (1) estimates
SAMPLING DATE(S) 11/03/20	SERIAL NO. 1=IMS 2502
LOCATION: SPI	
110 70	PROJECT:
WATER LEVEL INSIDE CASING: 16.76	OPERATOR(S) T 1+0 CC
ATM PRESSURE (PSI): (Start) 14, 11 (Finish) 14.19	
ATTRE TREGOUNE (FOI), (Statt) //// (Finish) ///	WEATHER Clean
• •	

		Probe to Top Collar	Surface (probe in	Function Tes top of collar)	sts / Position / (lower prot	Sampler be to port)		····	Sample C	Collec	tion Checks port in MP casing)				Fi	ield Parame	ters				Sample
Port Number	Run Number	Atm 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 (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)	ORP (mv)	Sample Time	Sample ID
4	2	V	V	V	V	V	103,13 103,12	-	97.77 97.74	レ	97,77 97,74	V V	103,13	2210	1047	7,48	3	7,05	112	1/05	mw-21-4 ms/ms0
5	Ĺ	V	V	V	V	V	129161	V	124,60	ν	124.60	V	129,61	<i>3</i> 3,5	874 :	7,50	a	696	115	1/55	MW-21-5
3	1	V	V	V	V	V	72,77	V	67,86	V	67,86	V	72,77	21.9	1231	7,47	3	7,15	128		MW-21-3
2	2	V	V	V	V	V	38,39 38,35	ソソ	33,71 33.68	レン	33,71 33,68	V	38,39 38,35	<i>33,8</i>	1383;	7,45	2	683	127		MW-21-2 DOP-5-4020
Ŧ	1	V	V	V	V	V	14.08	/	14.53	7	14.14	✓	14-09	—Por	tisi) _Y	- N	See	ple b		
													,						•		·
Соп	ments:	EB-	7-//	032	00	134	<u></u>														

 $E_{3}-1-1103200)$ [345]

WELLID: MW-ZZ	PROBETYPE Westy
SAMPLING DATE(S) U 203/2 O	SERIAL NO. F1/1/5 75572
LOCATION: SY	PROJECT: JFL
WATER LEVEL INSIDE CASING: 22 14	OPERATOR(S) I. HOCO
ATM PRESSURE (PSI): (Start) 14,09 (Finish) 19,10	WEATHER CLEW

		Probe to Top Collar	Surface (probe in	Function Testop of collar	sts / Position) / (lower prot	Sampler be to port)			Sample C (probe at samp	ollecti	ion Checks ort in MP casing)		1000		F	ield Parame	ters	1.78	1074		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	i	<u> </u>	V	V	V	V	175.72	V	157152	V	157,5Z	V	17572	163	465	7.16	6	4,33	-83	0755	mw-22-5
4	1	V	V	V	V	V	123,30	V	108:41	V	108,41	V	123.30	16.6	389	7:15	3	5.91	105	0830	MW-22-4
3	1 2	<u>/</u>	V	V	V	レン	89,44 89,43	レン	80:11 80:12	V	80:11 80:12	V	89,44 89,43		580	6197	2	6,05	130		MW-27-3 MS/MSD
2	i	V	V	V	V	~	63,37	/	, 54,03	V	54,03	V	63,37	17.3	648	7,06	Q	5,99	137	1005	mw-22-Z
	ーン	\ \ \	V	V	V	V	H 35, 13	V	[8:20 [8:23	ソソ	18:20	V	26,39	1810	1088	7.13	a	6103	145	1100	mw-22-1
									10.10												

Comments:	

WELL ID: MW-23	PROBE TYPE Westhe
SAMPLING DATE(S) 10 30 / ZO	SERIAL NO. IEMS 2502
LOCATION: JPC	PROJECT: JPC
WATER LEVEL INSIDE CASING: 14/130	OPERATOR(S) T. Hoan
ATM PRESSURE (PSI): (Start) 14:10 (Finish) 14:09	WEATHER Clear

		Probe to Top Collar			its / Position / (lower prob						ion Checks ort in MP casing)			. 10****	F	ield Paramet	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 (psi)	Shoe Out	Nort 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
5		V		V	V	1	18993	4	167,48	4	167,48	V	18993	18,0	624	7,71	3	5,01	-31	0805	mw-23-5
4	1 2	✓ ✓	✓	V V	V	V	147,94 147,96	V	J25,53 125,52	ンソ	125,53 125,52	√	147.94 147.96	17.60	424	730	2	4,85	122	0835	mw-23-4 ms/msp
3	1	/	1/	1	V	~	93,17	V	77,46	V	77,46	V	93,17	19:7	5 <i>5</i> 3	7,30	2	5.90	138	0930	mw-23-3
2	12	/	/	V	V	2	64.96 64.97	レレ	49,44	レレ	49,44 49,43	レレ	64.97	23.7	1100	696	3	6i05	145		MW-23-Z DUP-4-4620
1	2	V	V	V	V	1	30,19 94,78	ント	16,10 16,09	レン	f6.10 16.09	レレ	30,19 29,88	33.7	757	7,37	2	6,10	183	1160	mw-23-1

Comments:	-				

Probe to Surface Function Tests / Position Sampler Sample Collection Checks Top Collar (probe in top of collar) / (lower probe to port) (probe at sampling port in MP casing) Field Parameters Sample	
Amm out () Sample Does Valve () Sample Doe	- Augusti
V V V 156.45 V 131.09 V 156.45 2015 239 773 3 4.85 -79 1238 mw-24-184	(HH)
17. 16 177. 76 1709. 6321.3 397 7.66 2 5.35 108 1255 mw-24-5	
V V V SO 60 62 86.62 V 104.55 81.9 583 791 3 6.15 102 1345 MW-24-3	
	00135
V V 86.05 V 80.03 V 104.19 1355 DUP-3-402	
V ~ V V ~ 77.03 160.44 160.44 V 76.95 22,3580745 2 635 127 1575 mw-24-2	

36.04 V22,20 V20,20 V36,04 23,1 658 7,67 3 6,65 135 1550 mw-24-1 34.74 V22,19 V22,19 V34,74

Comments: SB-2-102870@1510 EB-3-102870@1010

WELL ID: MW-25	PROBE TYPE 1/1/25tbs/
SAMPLING DATE(S) 10/27/20	SERIAL NO. EMS 2502
LOCATION: SEC	PROJECT: JPL
WATER LEVEL INSIDE CASING: 347, 99	OPERATOR(S) [, HOCEN
ATM. PRESSURE (PSI): (Start) 4.2 (Finish) 17120	WEATHER Clean

		Probe to Top Collar	Surface (probe in	Function Tes top of collar)	sts / Position / (lower prob	Sampler se to port)					tion Checks port in MP casing)		***************************************		Fi	ield Parame	ters				Sample
Port Number	Run Number	Arm out / 'Land Probe	Shoe Out/ Close Vaive/ 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 (psl)	Close Valve/ Shoe in	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (PPM) MG(L	ORP (mv)	Sample Time	Sample ID
5	1	J	√	•	V	V	NO.12	1	214.63		214-63	1		223	383	7,44	2		-89	1130	MW-25-5
			-A		/		151			_	/	/	4								
4	2	<u> </u>	" /	V	V /	4/	186.16	7	180.59	V	180,02	1	186.15	22.7	801	7.33	3	6,30	54	152	MW-25-4
-/	7	V	~	<i>.</i>	<u> </u>		120,00	V	180.01	~	180.60	-	180.00							1152	MS/MSD
3	ò		- 1		2	2	10016		iadea	.7	1 31 500	1/	100.44	n: 1	-					:)	,
	-1			V			129.66	٧	124.81	V	124,89	V	129.6c	alid	170	1,49	2	6.63	10/	13/0	mw-25-3
2		V	V	V	\mathcal{V}	1	94.99	V	90124	V	90,24	V	9449	22.2	736	756	2	6,19	105	1345	mw-25-2
0	1						(4 3 4		101 00	/	// 01		1, 1		700						
-	1						66.44	4	61.85	V	61-85	V	66.46	23,3	889	7.54	3	6,24	103	1414	mw-25-1
								\sqcup										<u> </u>			
-								\vdash		L											
	٠.	- M	L				11115	Ш		<u>L</u>	L		<u></u>	<u> </u>	<u></u>		L				

Comments: B-2-102720 © 1445

WELL ID: MW-26	PROBETYPE (Westby)
SAMPLING DATE(S) 10/30/20	SERIAL NO. EMS 2502
LOCATION: JP2	PROJECT: JPL
WATER LEVEL INSIDE CASING: 59,26	OPERATOR(S) T. Hocay
ATM. PRESSURE (PSI): (Start) 4.12 (Finish) 14-14	WEATHER (Per

	Probe to Surface Function Tests / Position Sampler Top Collar (probe in top of collar) / (lower probe to port)						Sample Collection Checks (probe at sampling port in MP casing)							Field Parameters						Sample		
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valve/ Apply Vacuum (S.psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	ont 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
2	1			/ /	✓	\checkmark	85.45	\checkmark	49.12	V	19.12	- ~	18	5.45	23.4	761	7.34	6	7.53	124	1230	MW-26-2
	2		_	✓	V	/	85.38	V	49-11	√	49-11	V	8	5,38							44	MW-26-2 MS/MSD
									//		<u> </u>		X									
1		1	/	<u> </u>	1	/	50.43	\checkmark	15.55	1	15:25	· 🗸	5	0.43	24.1	900	7.39	6	6.80	123	150	MW-26-1
ļ	2	7	7	>	1	<u>√</u>	48.94	1	15,50	\checkmark	15-00	\ <u>\</u>	/ 4	18.90								
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