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 second quarter 2022 sampling event was conducted by Blaine Tech Services, Inc.

Note: During the second quarter 2022 the relatively shallow standpipe wells 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-14, MW-18, MW-20, MW-21, and MW-26 were dry and no samples were collected. Multi-port well MW-12 was not sampled due to an obstruction in the well casing. In addition, MW-5, MW-8, and MW-10 were grab samples due to insufficient water levels for purging well prior to sampling.

WELL MONITOR	ING DATA SHEET				
20422-441	Site: JPL				
	Date: 5/5/27				
)	Well Diameter: 2 3	4	6	8	
ac ad	D 41 4 W 4 (DTW)	7:	7	7	

Sampler: (C)		Date: 5/5/	27
Well I.D.: Mh	-1	Well Diameter: 2	2 3 4 6 8
Total Well Depth (T)	D): 90,00	Depth to Water (D	DTW): 25.76 (by
Depth to Free Produc	t:	Thickness of Free	Product (feet):
Referenced to:	(PVO) Grade	Flow Cell Type	YSI Dro Plus
DTW with 80% Rech	narge [(Height of Water C	olumn x 0.20) + DTW]:	38.21
Purge Method:	Bailer Disposable Bailer	Waterra 2" Rediflo pump	Sampling Method: Bailer Disposable Bailer
(A)	Positive Air Displacement Electric Submersible	Extraction Pump Other	Extraction Port Dedicated Tubing
Flow Rate= 10 14	@ 26PM	Well Diameter	Other:
1 Case Volume Spec	$\frac{3}{\text{ified Volumes}} = \frac{26}{\text{Calculated Volume}}$	als. $2"$ 0.163	0.16 6 1.47 0.37 Other radius ² *

Project #:

Time	Temp	pН	Cond. (mS or (45)/	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1046	12.4	7.26	626.6	55	0.72	190.5	42+	25
1058	17.7	6.82	621.2	13	0.69	161.7	42	50
1110	18.1	6.79	620.3	3	0.67	148.3	63	75
1122	19.7	6.89	621.4	Z	0.64	1445	84	100
1134	18.7	6.97	620.5	2	0.66	141.3		126
Did well d	ewater?		Yes (¥6)	Gallons act	ually evacu	uated: 126	^
Sampling 1	Date: 9	15/2	٦.	Sampling	Time:	35	Depth to Wate	r: 76.17
Sample I.D).: /	Un-	1		Laboratory	: Pac	e,	
Analyzed f	for:						Other: See	CCC
EB I.D. (if	applicable):		@ Time	Duplicate I.	.D. (if appl	icable):	
FB I.D. (if	applicable)):		@ Time	Analyzed fo	or:		
D.O. (if red	q'd):		Pre-purge:		$^{ m mg}/_{ m L}$	Post-	purge:	$^{ m mg}/_{ m L}$
O.R.P. (if r	req'd):		Pre-purge:	mV	Post-	purge:	mV	

WELLID: MN-3	ROBETYPE Idlathul
SAMPLING DATE(S) 05/02/22 SE	ERIAL NO. FMS 2502
WATER I EVEL INSIDE CASING. 183 31	ROJECT: STATE
ATM PRESSURE (PON / Cond) N 33 (Final)	EATHER Class

		Probe to Top Collar	Surface (probe in	Function Tes	sts / Position) / (lower prol	Sampler be 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 psi)	Close Valve/ Shoe In/ Arm in	Locate Port/ Arm Out/ Land Probe		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 (nnm)	Sample Time	Sample ID
3	+	+~	<i>y</i>	✓	/	<u> </u>	221.99	\sqrt{l}		J	24.28	$\sqrt{}$		1618	674	7,33	18	-	0740	MW-3-5
1	1	+	- , -	-/-		·		4	180.44	\forall	-60					12.2		7,0,	0, 0	555
	17	$+\mathcal{Y}$	\ <u>\</u>	Y	7	J.	180.56	Ÿ		<u> </u>	180.44	$\sqrt{ }$	160.56	16.7	529	7,30	10	4,65	0815.	Mw-3-4
-	+-	+ ~	0		<u> </u>	<u> </u>	180.54	\checkmark	180.42	✓	180.42	4	186.54						0830	1000-5- 2022
2	1	1		7	7	/	Corna		(() ()			\dashv								
	'	+		Y	\	<u> </u>	88.10	V	F.88	<u> </u>	88.70 1	\Box	88.10	174	624	690	Š	4135	0915	MW-3-3
1	+	1 57	. /		. /		4770	_	110 00	1	1160 000	\downarrow								
	2	17	3/	\ <u> </u>	\	-\	11111	7	48.03.	4	48.03 y	$\mathcal H$	47.10	17.4	540	7.18	4	4,09	1000	MW-3-2
	13		7	7	7		91111	Y	48.02	7	<u> 48.02</u>	\square	11.54							
	1			~	- -		47.12	4	48.02	V	48.02	4	42.12							
1	1	J	./		/	./	14 m	7	7128	1	71 221	$\overline{}$	10 10						113.	AO
	1	1	1	7	V	()	14.11	K	21.36		21.23	$\frac{4}{1}$	19.10	21.5	583	771	3	4,31	1120	MW-3-1
								-	VI. 0	7	U. W.	<u> </u>								
								1				-							,	
C	mment	s:		·																

WELLID: MW-04	PROBETYPE 11/25+Da/
SAMPLING DATE(S) 04/27/22 + 04/34/02	SERIAL NO. EMS 250°C
LOCATION: ()(F)	PROJECT: SPL
WATER LEVEL INSIDE CASING: 172 13	OPERATOR(S) 1, Hoan
ATM. PRESSURE (PSI): (Start) 1904 (Finish) 19167	WEATHER Clar

		Probe to Top Collar	Surface (probe in	Function Tes top of collar	sts / Position) / (lower prob	Sampler oe to port)		(prol	Sample Col be at samplin		on Checks ort in MP casing)				F	ield Paramet	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	Press Casin		Port Pressure (psi)	Open Valve	Port Pressure (psl)	Close Valve! Shoe In	Pressure in MP Casing (psl)	Sample Temp (°C)	SC (µS/cm)	рΗ	Turbidity (NTU)	Dissolved Oxygen (ppm)-	Sample Time	Sample ID
2		V_				<u> </u>	167.24	1/6	1.53	<u>1</u>	1191.73	ノ	167.24	1910	550	7,84	3	4.71	1370	MW-04-5
4	上之	<i>\</i>	√ √	\	✓ ✓	y	114.33	-	7.16		117.18	ナシ	114.42	1910	593	7:71	16	4,33	1345	Mw. 04 - 4 Dup -3-2077
3	1	V /	V		✓	\	<i>5</i> 3.84.	196	92	1	86.92	<u> </u>	83.86	1210	615	7,70	13	4,05	1435	MW-4-3
し	23	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\ \ \ \	\ \ \ \	Y	\ .\	48.04. 48.04.	/52 /52		1	52.08 52.04 52.04	7	48.00 48.04		926	7,17	¥	391	0715	MW-4-3
İ	1	V /	<i>y</i>		✓ ✓/	1	14.13.	170	1,33	1	20.33	<u>、</u> ノ	14.15		516	7,64	5	404	0845	MW-4-1
		•	•	V		>	14.14	/ 70	ار:32 م	1	20.32	✓	<u>M.14</u>							

Comments:

	F	robe to Top Coliar		Function Tes			- HARL				tion Checks					ield Parame	fore			
roit number	Kun Number	Arm out /	Shoe Out/ Close Valve/ Check Vacuum	Open Valvel Apply Vacuum (5 psi)	Close Valve/ Shoe in/ Arm in	Locate Port/ on Arm Out/ od	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)	pH	Turbidity (NTU)	Dissolved Oxygen (ppm)	Sample Time	Sample Sample ID
7	7	√	\	7	\ <u>\</u>	1	48,46	7	51.86 51.87	4	51.86	V	48.01	18,5	843	7.50	35		0750	MW-4-2
	3	V	Ĭ	<i>J</i>	<u> </u>	Ž	48.01	Ž	51.86	J	51.86	Y	48.01							Lextend
-	-		*****																	
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																	· ·			
╬									r						****					
+	\dashv																			
L	-												******						··········	
+																				
╁			<u> </u>							<u> </u>										
\top									<u> </u>	\vdash			*****							

Project #:	220	M 22	44-1		Site:	J	PL		
Sampler:		SC			Date:	2	5/5/2	7	
Well I.D.:	Mu	,-5			Well Dia	am		3 6 6	8
Total Wel	l Depth (Tl	D): []	35.17		Depth to	v W	ater (DTV	v): 13(.1.	5
Depth to I	Free Produc	et:			Thicknes	SS (of Free Pro	oduct (feet):	
Reference	d to:	MC	Grade		Flow Ce	11 7	Гуре	YSI	
DTW with	n 80% Rech	narge [(H	eight of Wa	ter Column	n x 0.20) +	+ D	TW]:		
Purge Method	:	Disposable Positive Ai Electric Sul	r Displacement		Waterra Rediflo pump traction Pump	9		Sampling Method:	Disposable Bailer Extraction Port Dedicated Tubing
Flow Rate=			-				1" 0.0	ultiplier Well Diame	
	(Gals.) X		=	Gals.		0.1	2" 3" 63		1.47 radius² *
1 Case Volum		ified Volum	es Calculated	Volume		L			
Time	Temp (°F or 🚳	pН	Cond. (mS or	Turbidity (NTUs)	D.O. (mg/l	L)	ORP (mV)	Gals. Removed	Observations
0922	14. Y	7.20	399.7	130	3.52	_	189		_
•			-					1.011	
		\bigvee	<u>/`</u> \			7		\Box	_
			UYON		m (\mathcal{H}	o tal	1817	
	<i>y</i>	_1							\
	-				111741111				
Did well d	ewater?		Yes	E	Gallons a	ecti	lally evacı	isted:	
Sampling 1				Sampling '				Depth to Wate	127 52
	Mu.	15/2							1. 157,74
Sample I.D		<u> </u>		· · · · · · · · · · · · · · · · · · ·	Laborator	ry:		re 5-	200
Analyzed f				@		· · · · · · · · · · · · · · · · · · ·		Other: See	COC
	applicable			Time			D. (if appl	icable):	
FB I.D. (if	applicable)):		Time	Analyzed	l fo	or:		
D.O. (if red	q'd):		Pre-purge:		mg/ _L		Post-	purge:	mg/L
O.R.P. (if r	eq'd):		Pre-purge:		mV		Post-	purge:	mV

Project #:	220	722	-711-1		Site:	TPL		
Sampler:	(n (\subset			Date:	5/5/2	7	
Well I.D.:	: M	N - 6			Well Dia	meter: 2	3 🐠 6	8
Total Wel	ll Depth (Tl	D):	2375	9	Depth to	Water (DTV	v): DO	
Depth to I	Free Produc	et:			Thicknes	s of Free Pro	duct (feet):	
Reference	ed to:	PYC	Grade		Flow Cel	l Type	YSI	
DTW with	h 80% Recl	narge [(H	eight of Wa	ter Column	x 0.20) +	DTW]:	And the second s	
Purge Method	l:	Bailer Disposable Positive Ai Electric Su	r Displacement		Waterra Rediflo pump traction Pump		Sampling Method	Disposable Bailer Extraction Port Dedicated Tubing
Flow Rate=		/	······································			1" 200	Stiplier Well Diame	ter Multiplier 0.65
	_(Gals.) X		_	, Gals.		0.163 0.163	6 6" 7 Other	1.47 radius ² *
1 Case Volum		cified Volum	1	Volume				
Time	Temp (°F or °C)	pН	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/I	C) ORP (mV)	Gals. Removed	Observations
		11				1		
	-	X	$\gamma) c$	u l	NP 11	1		
	1)		/ \		Γ,
	11					14		
	*	1/1)	pam	00		IRPI	*
					H —		71-01	
	•							
D' 1 11 1			~~			7 11		
Did well d			Yes	A62)		etually evacu		
Sampling 1	Date:		/_	Sampling	Time:		Depth to Wate	er:
Sample I.I	D.:				Laborator	y: /		
Analyzed	for:			_/_		/	Other:	***************************************
EB I.D. (if	fapplicable);/		(a)/ Time	Duplicate	I.D. (if appl	icable):	
FB I.D. (if	applicable):		(a) Time	Analyzed	for:		
D.O. (if re	q'd):/		Pre-purge:		mg/L	Post-	purge:	mg/L
O.R.P. (if	req'd):		Pre-purge:		mV	Post-	purge:	mV

Project #:	72	-042	27-H	1+1	Site:	TPL		
Sampler:	60	•		(Date:	5/5/2	Z	
Well I.D.:	\mathcal{M}	W-7	•		Well Dia	meter: 2	3 6	8
Total Wel	l Depth (T)	D):	284.20	2	Depth to	Water (DTV	v): PM	
Depth to I	Free Produc	ct:		-	Thickness	s of Free Pro	duct (feet):	
Reference	ed to:	PVC	Grade		Flow Cel	1 Type	YSI	
DTW with	1 80% Recl	narge [(H	eight of Wa	ter Column	x 0.20) +	DTW]:		
Purge Method	:	Bailer Disposable Positive Air Electric Sul	r Displacement		Waterra Rediflo pump traction Pump		Sampling Method:	Bailer Disposable Bailer Extraction Port Dedicated Tubing
Flow Rate=_		/				1" 0.0	ultipher Well Diame	0.65
	(Gals.) X	/	_	Gals.		0.163 0.3	6 6" 7 Other	1.47 radius² *
1 Case Volum	e Spec	cified Volum	es Calculated					
Time	Temp (°F or °C)	рН	Cond. (mS or μS)	Turbidity (NTUs)	D.O. (mg/L	ORP (mV)	Gals. Removed	Observations
		1						
		X-	- () r	y 1	mell	*	/	
	/			P				/ /
		1	11				1,	V
			/// ^		1,00	0	en Ver	1
	7		/ •	100				
	/ /				V		1111	
Did well d	lewater?	l	Yes	No	Gallons a	ctually evac	uated:	
Sampling 1	Date:			Sampling	Time:		Depth to Wate	er:
Sample I.I	D.:				Laborator	y: /		
Analyzed	for:						Other:	
EB I.D. (if	fapplicable	e):		@ Time	Duplicate	I.D. (if appl	icable);	
FB I.D. (if	applicable): /		@ Time	Analyzed	for:		
D.O. (if re	q'd):	/	Pre-purge:		mg/ _L	Post	-purge:	$^{ m mg}/_{ m L}$
O.R.P. (if	req'd):	•	Pre-purge:		mV	Post	purge:	mV

			AA TOTOTO TATA	OLILLOIG	NG DATA			
Project #:	220	M 22	- HH 1		Site:	TPL		
Sampler:	600		ı		Date:	5/5/2	2	
Well I.D.:	: /	mr-	7		Well Diam	neter: 2	3 🗗 6	8
Total We	ll Depth (T	D):	202.11		Depth to V	Vater (DTV	v): 707	.H-60/9
Depth to]	Free Produc	et:	É		Thickness	of Free Pro	oduct (feet):	***************************************
Reference		KVJ	Grade		Flow Cell	Туре	YSI	
DTW witl	h 80% Recl	narge [(H	leight of Wa	ter Columr	$1 \times 0.20) + \Gamma$	DTW]:	The state of the s	
Purge Method	l:	Bailer Disposable Positive Air Electric Sul	r Displacement		Waterra Rediflo pump traction Pump		Sampling Method:	Disposable Bailer Extraction Port Dedicated Tubing
Flow Rate=		$-\!\!\!/$				1" 0.0	ultiplier Well Diame	
1 Case Volum	_(Gals.) XSpec	cified Volum	$\frac{1}{1} = \frac{1}{1}$	Gals. Volume	0.	2" 0. 3" 0.3	37 Other	radius² *
	Temp_		Cond.	Turbidity				
Time	(°F or 🚫)	pH	(mS or µS)	(NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
1433	21.3	7.48	324.5	182	3.85	151-7		
			(L1					
			r (1)	\	1 (λλ
		X	Mi	ND S	ampt	le to	Wen,	X
		1 /	7, 0		<u> </u>	1	/	-
	E							
Did well d		11.0	Yes 4	No	Gallons act			
Sampling	Date:	15/2		Sampling	Time: 143	7	Depth to Wate	er: 195. Z
Sample I.I	D.: ,	/4 h -	9		Laboratory	: <i>P</i> 0	re	
Analyzed	for:						Other: Se	e COC
EB I.D. (if	f applicable):		@ Time	Duplicate I	.D. (if appl	icable):	
FB I.D. (if	applicable):		@ Time	Analyzed for	or:		
D.O. (if re	q'd):		Pre-purge:		mg/ _L	Post	-purge:	$^{ m mg}/_{ m L}$
O.R.P. (if	req'd):		Pre-purge:		mV	Post	-purge:	mV

Project #:	220	122	HH -		Site:	JPL			
Sampler:	60		•		Date:	5/5/22]
Well I.D.	: Mw	-9			Well Dia	meter: 2	3 4 6	8],
Total We	ll Depth (T	D): 6	0.00		Depth to	Water (DTV	v): 19.0	7 (4)	0.93)
Depth to	Free Produc	et:			Thicknes	ss of Free Pro	oduct (feet): -		
Reference	ed to:	ÆVE _	Grade		Flow Cel	ll Type	YSI ρ_{ic}	<i>,</i> +]
DTW with	h 80% Recl	narge [(H	leight of Wa	iter Column	1 x 0.20) +	DTW]: 7.	7.25		
Purge Method	2001	Electric Su	r Displacement bmersible		Waterra Rediflo pump traction Pump	1 -07:	Sampling Method Other	Disposable Bailer Extraction Port Dedicated Tubing	
Flow Rate=	1224	<u>@</u> 2.	.SGPM			1" 0.0	ultiplier Well Diamo	eter <u>Multiplier</u> 0.65	
26 1 Case Volum	_(Gals.) X	3 cified Volum	$_{\text{les}} = \frac{79}{\text{Calculated}}$	Gals.		2" 0. 3" 0.3	6 6" 37 Other	I.47 radius² *	
1 0450 1 01411		I	1	T T					13
Time	Temp (°F or	pН	Cond. (mS or (LS))	Turbidity (NTUs)	D.O. (mg/L	ORP (mV)	Gals. Removed	Observations)
1234	21.)	7.56	5773	14	7.93	137.3	16	19.23	
1238	20.2	7.19	545.9	5	7.48	146.3	32	19.35	
1245	70,0	6.97	550.3	5	7.13	147.5	48	19,43	
1252	21.2	6.95	580.2	6	695	156.3	67	20.45	
1259	ひ.て	6.87	582.7	6	6.83	158.7	78	21. 52	
Did well d	ewater?		Yes	1	Gallons a	ctually evacu	iated: 78		
Sampling 1	Date: 5	15/22)	Sampling '	Time: [3	02	Depth to Wate	er: 71.F8	
Sample I.D	on Da	× M	w-9		Laborator	y: Pace	<u> </u>		
Analyzed f	for:	· · · · · · · · · · · · · · · · · · ·					7:	200	
EB I.D. (if	applicable)):			Duplicate	I.D. (if appl	icable: No	p-6-2Q	W
FB I.D. (if	applicable)):		@ Time	Analyzed	for:			1317
O.O. (if red	q'd):		Pre-purge:		mg/L	Post-	purge	$^{ m mg}/_{ m L}$	
O.R.P. (if r	eq'd):		Pre-purge:		mV	Post-	purge:	mV	

Project #:	220	2770	- HH-1		Site:	TPL		
Sampler:	60		,		Date:			
Well I.D.	: Mw-	-10			Well Dian	neter: 2	3 🐠 6	8
Total We	ll Depth (TI	D): 19	53.40		Depth to	Water (DTV	v): (5), 3	3)
Depth to	Free Produc	et:			Thickness	of Free Pro	oduct (feet):	
Reference	ed to:	e e	> Grade		Flow Cell	Туре	YSI	
DTW with	h 80% Rect	narge [(H	eight of Wa	ter Columr	$1 \times 0.20) + 1$	DTW]:		
Purge Method	l:	Bailer Disposable Positive Ai Electric Su	r Displacement		Waterra Rediflo pump straction Pump		Sampling Method	Disposable Bailer Extraction Port Dedicated Tubing
Flow Rate=					7	Well Diameter M	Other:	
1 Case Volum	_(Gals.) X le Spec	ified Volum	= es Calculated	Gals. Volume	C	2" 0.1 3" 0.5 0.163	6 6"	1.47 radius ² *
Time	Temp (°F or °C)	pН	Cond. (mS or uS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Gals. Removed	Observations
6749	0,8]	7.38	409.3	71000	4.23	166		
	1//					1 /		10
	X	-6	ral	San	20/0	tal	(46)	
	711					,	1	
Did well d			Yes	No	Gallons ac	tually evacı	ıated:	
Sampling 1	Date:	5/5/2	.7	Sampling	Time: 07	-50	Depth to Wate	er: 152.75
Sample I.I		n-10			Laboratory	/ :		
Analyzed:	for:						Other: See	60
EB I.D. (if	applicable):		@ Time	Duplicate 1	I.D. (if appl	icable):	
FB I.D. (if	`applicable)):		(d) Time	Analyzed f	for:		
D.O. (if re	q'd):		Pre-purge:		mg/ _L	Post-	purge:	mg/ _L
O.R.P. (if 1	req'd):		Pre-purge:		mV	Post-	purge:	mV

SAMPLING DATE(S)

				LOCATION:	200	Augustina.							PROJECT:	_ J_{	゚レ					
				WATER LEV	EL INSIDE C		03,97	7					OPERATOR(S)	١.,	ytoon	^ペ				
				ATM. PRESS	SURE (PSI): ((Start)	·04(Finish)	Ļ	7106				WEATHER	<u>Ü</u> e	why.	\mathcal{I}				
							i								\supset					
		Probe to Top Collar		Function Tes							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 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 (psl)	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)	Sample Time	Sample ID
<u> </u>	<u> </u>	7	J	1	J	1	156.95	J	152.87	\checkmark	152.87	7	156.95	17,4	403	7.48	6	3,85	1045	MV-11-8
				ļ,		ļ						L.,								
5		1	<u>\</u>	1	1		204.40		(179.47			∤√	204.40		320	7.37	226	5.11	1145	MW-11-5
	2		1	IV		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	204.33	V	179.45	v	179,45	اسا ا	204,33							
	6	 		 , , 	1	 	West	1	111 -05	L,	211 -07	١.,	10000						1000	
3		\ \ -	7	1	7	1	115.58	<u> </u>	111.07	٧	111.07	·V	115,58	20	263	271	5	4165	1235	MW-11-3
2	1	./	1	1	 	1	11.81	1	4201	1	37.25	1	1	-/ N	11			- ·	13.0	000 71-20-22
	七	17		 	1	\	41.60	1	<u>4321</u>	Y	43.20	1	41.80	2010	465	1/42	7	5,01	1310	MW-11-2
				<u> </u>	<u> </u>	+	191.50	 	1 3(3.20	3	19,00	7	11.00	1	 				1325	Dup-4-2022
1	1	V	Į	V,	\ <u>\</u>		14 AB	V	23.18	V	23.18	V		23,4	577	7.61	5	4,77	1405	Mn-11-1
		1	1	\ \ <u>\</u>	<u></u>	<u> </u>	14.12	$ \checkmark $	23.17	4	23.17	$ \checkmark $	14.12			<u> </u>				
					<u> </u>	ļ		╀-		┡		-			-	<u> </u>				
			<u> </u>					╀		┡		╂		ļ					<u> </u>	
	<u> </u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>		<u> </u>	<u></u>				<u> </u>		<u> </u>			<u> </u>	
Coi	nments	:					- , ,													
											_				•,	·				
					Blai	ne Te	ch Servi	ce:	s, Inc. 16	86	0 Rogers	: Au	re., San J	Jose, (CA 951	12 (80	0) 545	5-7558		

PROBE TYPE

				SAMPLING I	DATE(S)	39/1	422						SERIAL NO.							
				LOCATION:) () (PROJECT:	SPL						
				WATER LEV							•		OPERATOR(S)	I. Ho	ion					
				ATM. PRESS	SURE (PSI): (Start)	(Finish)						WEATHER	Clen						
	,																			
		Probe to Top Collar	Surface (probe in	Function Testop of collar	ts / Position	Sampler '			Sample C	ollec	tion Checks					ield Parame		· · · · · · · · · · · · · · · · · · ·		_
						I POIL)		Т		ung	oort in MP casing	1)		<u> </u>		iciu i aranie	1			Sample
Port Number	Run Number	Arm out / Land Probe	Shoe Outl Close Valvel 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 (psl)	Close Valve/ Shoe In	Pressure in MP Casing (psl)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)	Sample Time	Sample ID
					_ (ruchic			ĺλ	2.1	1 :		<u> </u>						
						1,	+ 0 = ()	1.0	 	~	2011									
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						1 45	SUL	1	Vela	12.	en –									
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Corr	ments:								-								L			
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		***************************************	Ortifold	III DIX	1 X K				
Project #:	2200	122-	AH(Site:		TPL			
Sampler:	60	7		Date:		5/51	120	シ	
Well I.D.:	JW - 1	3		Well Di	am	eter: 2	3 6	f) 6	8
Total Well Depth (T	TD):	234.31	1	Depth to	o W	ater (DTW	v):)M	
Depth to Free Produ	ict:	-		Thickne	ss (of Free Pro	duct (feet):	
Referenced to:	PVC	Grade		Flow Ce	117	Гуре	YSI		
DTW with 80% Rec	harge [(H	eight of Wa	ter Columi	n x 0.20) -	+ D	TW]:			and the second s
Purge Method:	Bailer Disposable Positive Air Electric Sul	r Displacement		Waterr " Rediflo pum xtraction Pum	p		Sampli	ing Method: Other:	Disposable Bailer Extraction Port Dedicated Tubing
Flow Rate=					We	ell Diameter Mu	ıltiplier 14	Well Diame	
(Gals.) X Special Case Volume	ecified Volum	= es Calculated	Gals. I Volume		0.1	2" 0.1 3" 0.3		6" Other	1.47 radius² *
Temp		Cond.	Turbidity						
Time (°F or °C)	pΗ	(mS or μS)	(NTUs)	D.O. (mg/	/L)	ORP (mV)	Gals.	Removed	Observations
		1/1/	(0.1)	M		$\overline{}$			
		00	PU .	hrd		-A			(
//					-((1
W				-	\exists	/	,		V
	H0	Sa	mD	0		QV	P		
	3 00					ļ			
			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		\Box				
Did well dewater?		Yes	No	/	acti	ually evacu			
Sampling Date:			Sampling	Time:			Depth	to Wate	r:
Sample I.D.:				Laborato	ry:				
Analyzed for:				·			Other:		
EB I.D. (if applicable	e): /		@ fime	Duplicate	e I.	D. (if appl	icable):	
FB I.D. (if applicable	s):		Time	Analyzed	d fo	or:			
D.O. (if req'd):		Pre-purge:		mg/L		Post-	purge:		$^{ m mg}/_{ m L}$
O.R.P. (if req'd):		Pre-purge:		/mV	1	Post-	purge:		mV

Probe to Top Collar

Comments:

	LOCATION: WATER LEVI	EL INSIDE CA	Start) 14	78,95 (Finish)	Į,	1,03		-		PROJECT: OPERATOR(S) WEATHER	JPL						and or a
	Function Tes top of collar)							ction Checks port in MP casing)	,			F	ield Parame	ters			Sample
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		Close Valve/	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen Hppm	Sample Time	Sample ID
_	<u> </u>	<u> </u>	<u> </u>	167.48	V	149.13	1./	149.13	√	1857.48	18.4	386	7,50	4	5,05	0743	MW-14-5
				10.00	1	1100	L	12.2.60	_/	,		5 411 1					
_	·V	V	V	130.87	7	112.88	V	1112.98	V		80:0	604	7,05	3	4110	0830	mW-14-4
	V	V	V	130.69	<u> </u>	11256	\underline{V}	11886	V	130,69							ins/msD
,			/_	00-23	L,	70.01	١,	C 8 5 1	ļ,	200							
	√	✓,	V,	98.53	٧	80.76	M	80.76	7	98.55	2110	1068	233	3	407	0970	Mw-14-3
_	<u> </u>	\checkmark		48,52	V	80, Ho	V	30.76	1	98.85						943	Dup-2-2222
			V	96,49	V	80175	V	80,75	1	96,49							
<u> </u>	V	W		152,69	V	35,14	1	35,14	1	52,69	2118	1206	223	3	4.35	1045	MW-14-2
									<u> </u>								
	V	V	1	18.5a	V	19,10	1	14110	V	18:52	-Dox	+is	Dr	1 -1	o Sam	le-	MW-14-600
									<u> </u>					,			
							<u> </u>		<u> </u>								
							<u> </u>		<u> </u>								
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	· ·		*											***************************************			THE WAS I

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558

2

				44 ETTT 14T	OMITORI	NGDAIA	ASHEEL			
	Project #:	220	422-	-+H-1		Site: (TPL			
	Sampler:	60	<u> </u>			Date:	5/51	2Z		1
	Well I.D.:	Mh	1-15			Well Dia	meter: 2	3 🐠 6	8	
	Total Wel	l Depth (T	D):	60.00		Depth to	Water (DTV		1 (29	7 2a)
	Depth to I	Free Produc	et:			Thicknes	s of Free Pro	oduct (feet): -		
	Reference	d to:	E VO	Grade		Flow Cel	l Type	YSI		
	DTW with	1 80% Recl	narge [(H	leight of Wa	ter Columr	$1 \times 0.20) +$	DTW]:	36.58		
	Purge Method	:	Bailer Disposable Positive Ai Electric Su	ir Displacement	Ex	Waterra Rediflo pump straction Pump Hedicaley	amp	Sampling Method	Disposable Baile Extraction Port Dedicated Tubin	
	Flow Rate=	1330	@ B	6.PM			Well Diameter M	Other:		-
	19	(Gals.) X	3	= 60	Gals.		2" 0.1 3" 0.1	16 6" 37 Other	1.47 radius ² *	
	1 Case Volum	e Spec	ified Volum	nes Calculated						
	Time	Temp (°F or (C))	pН	Cond. (mS or us)	Turbidity (NTUs)	D.O. (mg/L	ORP (mV)	Gals. Removed	Observations	DTW
	1336	20.9	7.08	545.7	8	9.10	154.1	12	32.00	
1342	+339 (G)	20.7	7.08	547.5	7	8.61	157.2	24	3200	
1348	13760	20.2	7.07	555.8	4	8.35	5/60.3	36	32.00	1
	1354	19.7	7.09	552.3	4	8.20	162.5	48	72.00	
	1400	18.5	7.10	556.7	3	8.13	102.8	60	31,00	
	Did well d	ewater?		Yes &	N6 >	Gallons ac	ctually evacu	uated: 60)	
	Sampling 1	Date: 5	15/2	7	Sampling	Time: \Y	.04	Depth to Wate	er: 31.24	
	Sample I.D).: A	1m-1	5		Laborator	y: Po	ice		
	Analyzed f	for:						Other: See	COC	
	EB I.D. (if	applicable):			Duplicate	I.D. (if appl	icable): Du	1-7-ZQ	22
	FB I.D. (if	applicable)):		@ Time	Analyzed	for:	\$M	5/n50	MA
	D.O. (if red	q'd):		Pre-purge:		$^{ m mg}/_{ m L}$	Post-	purge:	mg/L	
	O.R.P. (if r	eq'd):		Pre-purge:		mV	Post-	purge:	mV	

Project #: 220422 ~ 11H	-) Site: JPL
Sampler:	Date: 5/5/27
Well I.D.: Mw·/6	Well Diameter: 2 3 6 8
Total Well Depth (TD): 294.ア\	Depth to Water (DTW): 283, 93
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type YSI
DTW with 80% Recharge [(Height of Water Co	olumn x 0.20) + DTW]:
Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible	Waterra 2" Rediflo pump Extraction Pump Other Other: Sampling Method: Bailer Extraction Port Dedicated Tubing
Flow Rate=	Well Diameter Multiplier Well Diameter Multiplier 1" 0.04 4" 0.65
1 Case Volume Specified Volumes Calculated Volume	als. 0.163 0.37 Other radius ² *
	bidity TUs) D.O. (mg/L) ORP (mV) Gals. Removed Observations
1 UX to	Suthicient
A A Sa	mole
Did well dewater? Yes	Gallons actually evacuated:
Sampling Date: Samp	pling Time: Depth to Water:
Sample I.D.:	Laboratory:
Analyzed for:	Other:
EB I.D. (if applicable):	Duplicat I.D. (if applicable):
FB I.D. (if applicable)/	Analyze for:
D.O. (if req'd): Pre-purge:	Post-purge: mg/L
O.R.P. (if req'd): Pre-purge:	m Post-purge: mV

1082

WESTBAY™ GROUNDWATER MONITORING WELL FIELD DATA LOG SHEET

WELLID: NW-17	PROBE TYPE WEST-BOY
SAMPLING DATE(S) 5/4/22	SERIAL NO. EMS 7502
LOCATION: TPV	PROJECT: TYU
WATER LEVEL INSIDE CASING: CI CC	OPERATOR(S)
ATM. PRESSURE (PSI): (Start) 14.04 (Finish) 14.03	WEATHER Sunny / Checory

		Probe to Top Collar		Function Tes top of collar)				*****			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/ Aīm in	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	Port Pressure (psi)	Open Valve	Pod Pressure (psi)	Close Valve/ Shoe in	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (Ppm)	Sample Time	Sample ID
5	1	J	>	\mathcal{I}	<u> </u>	·	239.68	7	189,44	J	184,44	\supset	234.68	19.3	7.89	7.82	7_	487	0825	4W-17-5
2															745					
1	ļ.,						:50.47	1												
4	}	*\	<u> </u>	7	>	<u> </u>	14414	4	129.45	4	129,45	V,	177,88	19,4	752.1	7.59	Ì	6.32	0857	11W-17-4
	4	~	~	~	✓	<u> </u>	177.28	7	129.46	√	129.44	<u>V</u>	177.28			•				
3	<u> </u>	. /		,	,		17770	1	08(80)	_	ON PC		19 0d	-: C/	(3, 3		-	e9 (va		
1	2	1	\sim	-	5	Y	127.78	4	9658	Y	96.57	V	127.78	4.8	6 30.2	<i>15</i> 5	, Z	3.67	1010	MW-17-3
-	7	7	J		1/		127.74	Y	96,27 Bi Er	<u> </u>	10.27	<u>√</u>	127.76							
-	3	J	. /	-	,)	/	127,30	()	96.57	Y	96.57	γ	127.74							
		V	\sim			>	107130	V	10.221	Υ_	16.57	_	12730							
2	ì	1	V	./	1	1	85.13.	7.	58. A	7	58.19	$\sqrt{}$	85.13	24,5	482.7	2.00	5	3,88	1205	10. 12 7
	2	7	J	J	J	J	85.12	Ż	58.19-		58,19	Ż	85.12	0 (0	100.1	yavs		3,00	1203	MW-17-2 MS/MSD
									7		-5011		V / ()	****						J (17 (7/(D))
	1	√	√		V		32.89	\checkmark	18,50	J	16.50		32,89	73.8	641.0	7,72	3	3.52	1305	11/2-17-1
Cor	nments:		colla	W	detec	J- to	5 6	7	above		5 own		NOY		***	711-		7. 5 =	· U U	1112-13-1
							-							****						
				A							·				· · · · · · · · · · · · · · · · · · ·					

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WESTBAY™ GROUNDWATER MONITORING WELL FIELD DATA LOG SHEET

	FIELD DATA LOG SHEET
WELL ID: MW-17	PROBE TYPE WAS HOW
SAMPLING DATE(S) SM (77	SERIAL NO. EMS 7507
LOCATION: JP	PROJECT: JPL
WATER LEVEL INSIDE CASING: 21.27	OPERATOR(S) To Hocar
ATM. PRESSURE (PSI): (Start) 17:04(Finish) 14:03	WEATHER 1. Sinny Tolear
	\ \ '

		Probe to Top Collar		Function Tes top of collar	sts / Position) / (lower prol	Sampler se 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.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)	Sample Time	Sample ID
1	2		V	\	~/_	<u> </u>	32.04	\vee	18.48	<u> </u>	18.18	abla	32,04							
								\vdash					*****		71.00					
								\vdash												
				-			******	\dagger							*****					

								-												
-								-	****					****						
								\vdash												
						7.50.00		\vdash						-						
			****					\Box	**************************************						****					
							-	П							***					

Comments:

WELL ID: MW-18 SAMPLING DATE(S) 5/3/77	PROBE TYPE WEST LOCK
LOCATION: JPL WATER LEVEL INSIDE CASING: 296.53	PROJECT: TOL
ATM. PRESSURE (PSI): (Start) 4.0 (Finish) 4.0	OPERATOR(S) WEATHER (1004 Y

ľ			Probe to Top Collar	Surface (probe in	Function Te top of collar	sts / Position) / (lower pro	Sampler be to port)			Sample (probe at samp	Collections (tion Checks port in MP casing)					ield Parame	ters			Sample	7
A 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/ Cand Probe		Shoe Out	1177 22	Open Valve		Close Valve! Shoe in		Sample Temp (°C)	SC (µS/cm)	Нq	Turbidity (NTU)	Dissolved Oxygen Tepm	Sample Time	Sample ID	
							7	137.4p	7	163.52	7	163.52	<u>√</u>	187.16	18.6	320	7.86	4		1030	Mw-18-5	
	\bot	13	> > >	J 	7	\ \ \		134.99 134.95 134.90	777	115.68	レンプ	115.68 115.67 115.67	<u>~/</u>	134.99 134.90	B12	432	7.7.3	3	3,15	1120	Mr-18-4	
7		1	√	J	√	J	1	73.16 73.90	シン	10/0.20	/		<u>^</u>		33. 0	613	7.93	4	6-16	1245	MW-18-3	
2		1	1	<u> </u>	~	J	<u> </u>	32.86	7	28.14	J	28.19	√	32-86	75. F	465	7.94	3	4.85	1320	Mw-18-2	, yama,
7	1	+	J	<i> </i>	<i>y</i>	J	J	1413	7	14:13	<i>J</i>	1413	√	14.14	<u>ئ</u>		Po	or F	is	Dy .		** market
Cc	omme	ents:																				

MELLID: MW-19	PROBE TYPE West bay
SAMPLING DATE(S)	SERIAL NO. EMS TSOZ
LOCATION: JPL	PROJECT: TPL
WATER LEVEL INSIDE CASING: 193,605	OPERATOR(S) Filloan I. Hoan
ATM. PRESSURE (PSI): (Start) 19.07 (Finish) 19102	WEATHER Cloudy

		Probe to Top Collar			ts / Position S / (lower prob				Sample (probe at samp		ion Checks ort in MP cas	ing)				F	ield Paramet	ers			Sample	
Port Number	Run Number	Arm out / Land Probe	Shoe Out/ Close Valve/ Check Vacuum	Open Valve <i>l</i> Apply Vacuum (S psi)	Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Send Probe	Pressure in MP Casing (psi)	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)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)	Sample Time	Sample ID	
5	ì	✓	\	\ \		V	164.82	7	118.14	1	1.811			169.82	165	911	696	ス	4,15	0735	MW-19-3	_
4	l	V	V	V	V	V	146.40	/	94.95)	94.9	5 ~	4	146:40	1619	875	6,99	3	4,35	QP/Q	MW-19-4	
3	1	V	V		V	1	123,76	V	87,56 87,55	V	87,51 87,5			123,80 123,76	16.8	942	6191	3	4,65	0840		
-	1	/	V			,	W)116	\ <u>\</u>	31112	1	8/11		╣	<u> </u>						0810	miz (vn) D	
2		V	V	V	V	V	87.91	V	54,19	V	5411	7 V	-4		199	IRL	725	8	5,04	0935	MW-19-2	
-	2		\ <u>\</u>		1	1	89.91	V	2011	1	5411	7/	-+	8991			 		<u> </u>			
	13	V	1				89,90	1	53,97	10	53,0	1/6		89,90	-							Sunce
		V	V	V	V	V,	58,60	V	24170			0 i		158.60	2016	690	8,07	4	4,05	1110	mw-19-1	
	12		√	√	~	<	57.33	V	124,70	1	24.7	0/	4	57.33		<u> </u>	-					_
	-							+		-								-				_
		V	√	\frac{1}{\sqrt{1}}	\frac{1}{\sqrt{1}}		-	1	24,70		24.7			51.33	MAILE	0,0	3,07				11100 7 7 -	

Comments:

MW-20

WELL ID:

				LOCATION:			18:21	/	2000	3 4	. /		PROJECT:	TPL						-	
					EL INSIDE CA		017	- ,	249.2	4	-/		OPERATOR(S)	11H	nous					-	
				AIM. PRESS	SURE (PSI): (Start) / 9	04 (Finish)		14.07				WEATHER C	100						-	
		·																			
		Probe to Top Collar	Surface (probe in	Function Tes	sts / Position / (lower pro)	Sampler '			Sample C	olled	tion Checks					1-1-1-0					
					, tioner pro	oe to port,		$\overline{}$		ling	port in MP casing)	 	T		,r	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 (psi)	Shoe Out	Port Pressure (psi)	Open Vaive	Port Pressure (psl)	Close Valve/ Shoe In	Pressure in MP Casing (psi)	Sample Temp (^o C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen Oxygen	Sample Time	Sample ID	"Malgo
5	1_	1/	ν		V	V	302.15	1	295.54	フ	295.54	V		22.81	317.6	3.46	7	4.52	1450	mw-20-5	
															,,,	V. 10		1.36	112	WW.50-3	
4	7		J	✓	<u> </u>		214.97	✓	199.47	\overline{J}	199.47	1	214.92	21.3	341.8	7.71	Z	3.65	1525	MW-20-4	
3	;							<u> </u>	,		/								1 3 0 0	7.00	»į
-	1)	<u> </u>		\vee	15491	\lor	142.40	\checkmark	142.46	4	19.491	23.2	388,2	7.23	is.	3.37	16.30	MW-20-3	3/(
								L											10.72		
2	,	. /	/				CD 20	 		_,	,	Ĺ,									
	7		7	-7-	-	Y	80.78	1	72.36	\checkmark	72.36	ν,	80.78	22.8	753.7	7.18	_3_	4.01	1112	MW-20-3	
	<u> </u>			U	>		80,76	\succeq	72.8	1	72.28	\leq	G0.76						1130	1000-8-292	
ì	<u>, </u>	J	7	1	./	./	Tu /2	1	11112	T	41 1 3 200	, ,	333						, ,		
•	<u>, </u>	-					14.17	Y	14.15	V	14.15	V	14.17				114	Port	-/NO	sample -	
																		•			
								\vdash													
								\vdash													
Com	ments:											<u> </u>									

WESTBAY™ GROUNDWATER MONITORING WELL

MW-21	FIELD DATA LOG SHEET
WELL ID: MW-// WHEN	PROBETYPE Westbay
SAMPLING DATE(S) 04/86/22	SERIAL NO. EMS 2567
LOCATION: JPC	PROJECT: JPL
WATER LEVEL INSIDE CASING: 119,09	OPERATOR(S) T, Han
ATM. PRESSURE (PSI): (Start) 19,0/ (Finish) 19/03	WEATHER CLECY

		Probe to Top Collar	Surface (probe in	Function Tes top of collar)	ts / Position / (lower prot	Sampler se 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 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)	Sample Time	Sample ID	
4	1	<u> </u>	\checkmark		V		102,19		97,45		97,45	V		23.7	929	7.15		4,77	1215	mw-21-4	
<u> </u>							. 00		/	Ĺ.,	/								123,0		
5	1	V	~	\mathcal{V}	V		128,67	V	124,31	V	124131	V	128.67	2416	892	7.33	2	4,41	1245	mw-21-5	١
17		. /			1	1 /	7060	1	600	V	(1/	70.00	A: 1=	11.07	-					
6	1	_ V_	-V	\mathcal{V}			72,60	7	67,57	V	67,57	V	12:00	2415	1185	7,23	2	4105	1315	mw-21-3	
2	j			V	<u></u>	1	<i>37,53</i>	V	33,43	V	33,43	V	37.53	24.7	1353	7.33	2	3,99	1345	mw-21-2	-
	2	V	·V		V		37,51	ν	33,41	L	33,41	V	37.51	N 1) 1	1000	111		1 1	1) 10	ms/msp	
	جـ		\checkmark		~		34118	ン	33,41	\vee	33,41	V	34198								
μ	1	V	<u> </u>	<u> </u>	\\		14114	V	33. 4 91	5 V	14116	1	14,14	-po	rtis!	Dry-	-N	Sans	/e -	mw-21-1	
																7					-
							-						7.00								-
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-										\vdash			***************************************								
L		<u></u>								لــا						<u> </u>					

Comments:

WELL ID: MW-ZZ	PROBETYPE Illeathing
SAMPLING DATE(S) 09/29/22	SERIAL NO. FWS 2
LOCATION: JPC	PROJECT: SPI
WATER LEVEL INSIDE CASING: 238.73	OPERATOR(S) 1, HOLEN
ATM. PRESSURE (PSI): (Start) /4/0/3 (Finish) 14.02	WEATHER Clean

		Probe to Top Collar	Surface (probe in	Function Testop of collar	sts / Position) / (lower proi	Sampler 'be to port)					tion Checks port in MP casing)	1			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 (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 (NTV)	Dissolved Oxygen(ppm)	Sample Time	Sample ID
5	!	V	~				171.24	J	157.94	J	157.94	V	171.24	j7,Ò	442	748	4	3.05	0845	mw-22-5
4		V	V	J	/	\	118.55	V	<i>[03.18</i>	7	108.68	1	118.55	17.1	324	711	نع			
3	,						05 120					_		17(1	- 33 L	7.11	9	3,61	0920	MW-22-4
		_V	<u> </u>	√	7	<u> </u>	84.56	7	80.05	V	80.05	∨	84.56	186	532	7,08	3	3,73	1948	MW-22-3
1	7	$\sqrt{}$	ノ	/	V	~	58.37	V	53.93	\checkmark	53.93	\checkmark	58.37	20,9	575	688	(3	4104	1030	MW-22-2
1	Ĭ	J,	J	V	J,	J_{j}	21.26	1	17.58	V	17.58	1	U.U.	19.8	1167	6186		9130	1115	
	V	<u> </u>			√	V	18.75	V	17.58	V	17:58	V	18:35	1110	VI (0 7)	0100	<u> </u>	7170	1115	MW-22-1
										-										
																			v:	
										_										
Соп	ments:					<u>-</u>			<u></u>											

Comments:

					70	<u> </u>					•		SERIAL NO.	EM	1250	<u>~</u>		-		
				LOCATION:	J / (IC/ 111:	7	GO				PROJECT:	2						
					EL INSIDE C		18 1 / 4/	24	8-1		,		OPERATOR(S)	1. H	Tan		**			
					SURE (PSI): (Start) / 7, 6	O / (Finish)	+	4103		•		WEATHER (100						
				PT																
		Probe to Top Collar	Surface (probe in	Function Te	sts / Position) / (lower pro	Sampler			Sample C	ollec	tion Checks			Γ					Γ	
		COMM	(brone tr	Top or conar	/ (lower pro	ne to port)				ling	ort in MP casing)		T		,	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 (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)	Sample Time	Sample ID
5	<u> </u>	1/	\mathcal{V}	1	1	1	187i28	1	167.95	1	167.95	V	189,08	2118	693	732	9	11/_/	18EN	mu-23-5
											/			W110	W. C.	112/1	<u> </u>	1110	COST	11111-03-3
4	1		V	1/	1/	1/	147,83	V	125.98	V	105.98	1	14723	80,4	470	216	3	Ü 61	W 00	10011 00 11
			_				111110	H	1000		100110	Ė	11m	2011	110	410	\mathcal{O}	401	0120	MW-23-4
3	1	V	1/	1	1	1/	92.69	12	77.52	7	77.52	1	CO 101	02 6	Tor	7. (4)	-	// 17-	100	
							10101	ľ	17,20	V	(1.20	1	92,69	2218	595	7.40	2	4,05	1000	mw-23-3
R	1	. /	V	1	<u> </u>	2/	20200	. /	Inn		110000	ļ.,	111.00							
	7	$-\frac{\mathcal{V}}{\mathcal{V}}$	1	-	V .	<u> </u>	69,38	V	99.96	V	9996		64,38	13,5	1062	7,13	2	4,20	1015	MW-23-2
	6			\sim			64.37	1	4,45	~	49,45	6	64,37							DUP-1-1822
<u> </u>											/		,						,,,,,	FUI 1 7000 C
$oldsymbol{oldsymbol{\sqcup}}$		V	1/	1/	1	V	29,56	V	15.61	V	15.61	V	29.56	25.5	1047	7.42	3	5,06	1130	mw-23-1
	2	V	V	V	1	1	28:91	V	15,57	V	15,57	V	28,91	7-10	/ /	- 10		27065	1170	11164-65-1
												Ť	700 77							
												-								
										\vdash										
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Con	ments:																			
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	•				Blair	ie Tec	h Servic		Inc. 16	80	Rogers	A15	e., San J		0.0544	0 (00	01 = 4=			
									., 10	~	ugers	~	e., Sall J	ose, C	A 9511	Z (800	u) 545	-7558		

SAMPLING DATE(S)

				LOCATION:	2b	<u> </u>					_		PROJECT:	SPL						
				WATER LEV	EL INSIDE CA	ASING: 2	57,88						OPERATOR(S)	1 Ho	an					
				ATM. PRESS	URE (PSI): (Start) / 4.0	O (Finish)	14	102				WEATHER (lem						
						•		,			-									
		Probe to Top	Surface	Function Tes	its / Position	Sampler			Consult	0-11	4									
		Collar	(probe in	top of collar)	/ (lower prob	e to port)					tion Checks port in MP casing)			F	ield Paramei	ters			Sample
			_		-				(lsd)	Т	(is	Π	T .		Γ	l		г		,
Port Number	ber	_ ag	Shoe Out/ Close Valve/ Check Vacuum	Open Valve <i>l</i> Apply Vacuum (5 psl)	vef	£ 8	₩ (%		nre (n.e (t	-	₩ (Sample				Dissolved		í.
t Nur	Run Number	Arm out / Land Probe	e Out	n Val	e Val	Out Prot	Sure g (p	ð	ress	Vak	ress	Valv	ure ir g (psi	Temp	sc		Turbidity	Oxygen	Sample Time	Sample ID
- Por	Æ	Lam	왕 양 양		Close Valve/ Shoe In/ Arm In	Locate Port/ Arm Out/ Land Probe	Pressure in MP Casing (psi)	Shoe Out	> Port Press	Open Valve	Port Pressure (ps))	Close Valve/ Shoe In	Pressure in MP Casing (psi)	(°C)	(µS/cm)	pН	(NTU)	mila		
4	l	V	V	V	V	V	147,01	V	13652	V	131,52	V	147,01	26,0	276	7,47	3	mile	10/1E	
							11770	\Box	1:211:26	\top	101100	1	11/01	2010	200	1171	_ت_	5,69	1297	MW-84-4
5	١			1	V	1	200,30	1	170/0	h .	117010	1,7	000 70		11-	33				
_	<u>・</u>	1/	1	1	1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ACCIDO CO		1862	1	178.62	V	20,30	85.2	405	756	2	4.33	1315	MW-24-5
		_ V		V	V		199,61	1	178.61	1	178,61	V	199.61							
-									/	L	/									
S		V	<u></u>				95,34	V	86173	1	86173	V	95,39	Rbil	617	720	2	4,71	1400	MW-24-3
							, , , , , , , , , , , , , , , , , , , ,			T	22112		1000	10011	017			11 (1	1 100	MVV-297)
2	1	1	1/	V	V	1/	18138	N	60,58	1	60.58	1/	68.38	00 2	-7//	7 26	1	1100	11100	
	2	V/	1	1	1/	1			(d), 59	1	60.58			26,3	760	429		4,95	1930	MW-24-2
_		- V	<u> </u>	V	<u> </u>		90000	1	00,09	V	60.59	V	68,35						1430	msimsd
ı										_		L_,							,	
\sqcup	一	V	V	V	<u> </u>	V	27/57	M	23.17	V	23,17	V	27.57	27.1	725	7.71	7	5,10	153/1	MW-24-1
	2	V	1/	_ レ	1/	1/	27,54	V	83,15	1	83,15		27,54	1,1		717		7110		14100-27
	3	~		1		1/	27,55	,	83.14	-	23,14	بسنا	27,55							
							4000			+	M-11)		neco							
								\vdash		+		-								
		<u></u>	B-1-042577 6 tipes @ 5																	
Com	ments:	T15-	1-09	1252	Z		61	b	es (a)	5										
			,						_											

WELL ID: MW-25 SAMPLING DATE(S) 512 172 +	PROBE TYPE Westbow
LOCATION: JPL	PROJECT: TELL
WATER LEVEL INSIDE CASING: 248.75 ATM. PRESSURE (PSI): (Start) 14:13 (Finish)	OPERATOR(S) 11 How
ATM. PRESSURE (PSI): (Start) 14:15 (Finish)	WEATHER SUNNY STEW

	Probe to Top Collar Surface Function Tests / Position Sampler (probe in top of collar) / (lower probe to port)						Sample Collection Checks (probe at sampling port in MP casing)								Field Parameters					Sample		
S Port Number	Run Number	Arm out / Land Probe	Shoe Outl Close Valvel 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		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)	Sample Time	Sample ID		
حــا	 '	\		<u> </u>	·J	<u> </u>	220.3	V	272.18	$\sqrt{}$	212.16			25.3	511	7.28	8	4.02	1335	MW-25-5		
4	1	1	J	J	J)	185.68	タン	178.75 (18.75	クマ	178.77	1	185.68	24,5	276	7,25	6	4,33	7400	Mw-25-4		
3	1	V	√ √	1	1	1	129.27	4	124.15	7	124.15	Y	179.27			733	4	4109	1435	Mw-25-3		
2	1		<u></u>	,	\ \ \ \		94.47	7		× V	90.98		15850		65-11					mslmso		
1	1	J	<u>,/</u>	. /		./	66.11		63.44	'	<i>i</i>	ν . /				6,91		9,11	0755	MW-25-2		
				· V			100,11	∨	63.94	Y	63.44	<u> </u>	bb.\\	1813	921	703	5	3,91	ODS	Mw-25-1		
			(0)					1														
Com	ments:		w	llar	<u>de/-cc</u>	X	2'	Ьб	Jigy Sc	M	bjo b	100°	۲.									

Probe to Top Collar

Comments:

	WELL ID: SAMPLING D LOCATION: WATER LEV ATM. PRESS	DATE(S) EL INSIDE C/ BURE (PSI): (Start) 14		<u>;</u> ;	108		- - -		PROBE TYPE SERIAL NO. PROJECT: OPERATOR(S) WEATHER	Wed FA For	tory 15 250 Hoane		v			
Surface Function Tests / Position Sampler Sample Collection robe in top of collar) / (lower probe to port) (probe at sampling por							tion Checks port in MP casing)	n Checks rt in MP casing) Field Parameters								Sample	
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 Valvef	Pressure in MP Casing (psi)	Sample Temp (°C)	SC (µS/cm)	рН	Turbidity (NTU)	Dissolved Oxygen (ppm)	Sample Time	Sample ID
<u>J</u> _	V	7	\ <u>\</u>	34315 33 30	Y	46.59	X	46.89	V		2/12	189	7,25	3	3,79	1320	MW-26-Z
<u> </u>			<u> </u>	83.59	M	૫6.૬%	<u> </u>	46.58	V								
	$\sqrt{}$	V	1	46.69	$\sqrt{}$	14.18	1	14-14	V					Pa	of is	na na	
		•				,								- 00			
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···	·	Blair	ie Tec	h Servic	es	, Inc. 16	80	Rogers	Av	e., San J	ose C	Δ 9511	2 (20))) <i>5/1</i> 5	7550		