AP - 111

ANNUAL GW MONITORING REPORT (4 of 29)

2016

1.50

WESTERN REFINING - GALLUP REFINERY THIRD QUARTER 2016

WEL	L ID				осонны их «посентилествонных советон	TEST PA	RAMETERS	3			
MKTF-	34	Volumes	TIME	РН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)	
GAUGE DATE	9.12.16	Initial	1434	7.52	15.6	2074			63.9	12.1	
GAUGE TIME	1425	1	1436	7.56	15.\$	2097			63.5	8.01	
DHC (FEET)	ND	2	1438	7.64	14.9	2097			62-4	11.6	
DTW (FEET)	18.03	3	1440	7.65	14.6	2070	/		60.2	7.51	
DTB (FEET)	27.73	4	1442	7.67	14.3	2054			<i>5</i> 8.3	15.0	
DTB - DTW	9.70	5	1444	7.67	14.2	2056			57.3	15.3	
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1446	7.65	14.0	2062	والمستعمون		51,8	18.3	
				Pl	JRGING DA	TA					
3 WELL VOLUMES	4.74	CLO	R CONDIT ンクソ 、 い	DEST W	T, DNIL	5 ²					
PURGE DATE	9.12.16	WATER .	APPEARAN	ICE / ODO	R:						
END OF PURGE TIME											
PURGE AMOUNT	4.75										
DTW (FEET)	25.43										
				SA	MPLING D	ATA					
SAMPLE DATE	9.13.16		R CONDIT		68°						
DTW (FEET)	22.62	WATER .	APPEARAN	CE / ODO	R:						
SAMPLE TIME	22.6 <u>2</u> 0920	COMME	NTS:								
	,				SAMPLE LO	G					
SAMPLE ID	TIME		CONTAINE			JMBER OF	CONTAINE	RS	PRESERVAT	IVE	
MKTF-	34 0920	2		LVOA		- G	4		HCL		
				MBER MI A	K MBER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	le .		NEAT NEAT		
			500 r		ASTIC	1			HNO3		
			125 N		ASTIC	1			HNOZ		
				ML PL					H250		
INSTRUMEN	TO LIGED	C-m-	<u>500 1</u>		ASTIC	1	-		NEAT	U-11	
NIDIVIONICN	13 USED .				RFACE	HKUB					
	YSI PRO DSS										

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WEI	LL ID					TEST PA	RAMETER	S		
MKTF-	- 18	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.12.16	Initial	1513	7.19	20.4	1652		Agrantia (1)	18.1₽	- 133.5
GAUGE TIME	1504	1	1516	7.33	17.5	1687		**********	23.9	-140.6
DHC (FEET)	ND	2	1518	7.28	15.6	1695			14.6	-143.3
DTW (FEET)	237.75	3	•	BAILE	'	@3.5	GALS			
DTB (FEET)	25.78	4								
DTB - DTW	18.03	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				Pl	JRGING DA	ATA				
3 WELL VOLUMES	8.87		ER CONDIT		ND,75 R:	٥				
PURGE DATE	9.12.16	CI	EAR->			7, Y90	DOR			
END OF PURGE TIME	1520	COMME	NTS:			•				
PURGE AMOUNT	3.5									
DTW (FEET)	3.5 25.15									
				SA	MPLING D	ATA				
SAMPLE DATE	9.13.16	CLE	ER CONDIT	IEST W	VIND 7	60				
DTW (FEET)	10.65	WATER .	APPEARAN AR , O	ICE / ODO	R:					
SAMPLE TIME	0950	СОММЕ	NTS:							
				(SAMPLE LO)G				
SAMPLE ID	TIME		CONTAINE	R TYPE	N	UMBER OF	CONTAINE	RS	PRESERVAT	ΓIVE
MKTF-1	8 093	50	40 ML			6			HCL	
	<u> </u>			MBER		<u> 1</u>			NEAT	
			250 MI			1			NEAT	
				L PLAS		<u> </u> 그			HNO3	
 	<i>-</i>			L PLAS		<u> </u>			HN03	
/				L PLAC		<u> </u>			H250	
INSTRUMEN	TS LISED	150	500 M			2			NEAT	
HISTRUMEN	IIO USED		PRO		KTACE	PROB	<u>Ľ</u>			
		1 27	- 1 150	<u> </u>						

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WE	LL ID		NAMES AND ASSESSMENT OF THE STREET OF THE ST			TEST PA	RAMETERS	3		
MKTF	-35	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.12.16	Initial	1548	7.07	21.0	1361	estructura.	Commence of the Commence of th	17.6	-111.1
GAUGE TIME	1542	1	1550	7.11	20.4	1405		_	11.6	-136.3
DHC (FEET)	ND	2	1551	7.20	20.0	1408		alijuma,	16.5	-143.6
DTW (FEET)	6.45	3	1553	7, 19	19.8	1382		Name of the last o	21.5	-142.6
DTB (FEET)	16.52	4	1554	7.24		1391	- Adams	A-COMPANIED	19.7	-135.6
DTB - DTW	9.87	5	1556	7.23	[9.7	1384	tilizano.		14.8 -	- 133, 5
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1558			1393		مشيت	14.6	-132.1
				Pl	JRGING DA	TA				
3 WELL VOLUMES	4.83	A CL	R CONDIT <u>のUDY</u> ,	WEST	MIND,	75°				
PURGE DATE	9.12.16		appearán (ODOR	-	R:					
END OF PURGE TIME 1558 COMMENTS:										
PURGE AMOUNT	5 GALS									
DTW (FEET)	6.90									
				SA	MPLING DA	ATA				
SAMPLE DATE	9.13.16		R CONDIT		D. 71°	1				
DTW (FEET)	6.68	WATER A	APPEARAN	CE / ODO	R: ′					
SAMPLE TIME		COMME COLL					091.310	501	1100	
SAMPLE ID	TIME		CONTAINE		SAMPLE LO	G JMBER OF	CONTAINE	De	PRESERVAT	IVE
Mk7F-			40 m L		INC	INIBER OF		rs.	HCL	IVE
1	<u> </u>		40 MC			3			HCL	
				MBER		1			NEAT	
			250 M	L AMBE	ER PLA	STIC 1			NEAT	
					ML AH				<u>HN03</u>	
	1/2				PLASTIC	2 1			H2504	
INSTRUMEN	TO HOED	A :=-: -	500 M			1_			NEAT	
IIIVOTRUIVIEN	IS USED		<u>TECH</u> L PRO		RFACE	PROE	5E			
		בכיי_	LFNU	<i>V</i> 33						

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SIGNATURE:

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WE	LL ID			- to be a continued as a continued as the police of the police of the continued as the cont		TEST PA	RAMETERS	3			
MKTF	-38	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)	
GAUGE DATE	9.13.16	Initial	1208	7.05	20.0	2298			18.2	76.0	
GAUGE TIME	1200	1.	1210	7.04	19.4	2331			18.8	47.5	
DHC (FEET)	ND	2	1212	6.97	19.1	2300			17.5	11.5	
DTW (FEET)	8.00	3	1214	7.08	19.0	2247		-	21.1	-3.2	
DTB (FEET)	20.30	4	1216	7.08	19.0	2202	,		22.8	-22.8	
DTB - DTW	12.30	5	1218	7.09	18.9	2147	,		25.0	-40.4	
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1220	7.10	18.8	2110	معتمو		25.6	-30.2	
				Pl	JRGING DA	TA		•			
3 WELL VOLUMES	6	·	ER CONDIT		IND 83	6					
PURGE DATE	9.13.16	WATER	APPEARAN	ICE / ODO	R: <i>ODOR</i>						
END OF PURGE TIME	[220 COMMENTS:										
PURGE AMOUNT	6										
DTW (FEET)	12.20										
				SA	MPLING D	ATA					
SAMPLE DATE	9.13.16		ER CONDIT		WIND	93					
DTW (FEET)	8.32	WATER	APPEARAN	ICE / ODO	R:						
SAMPLE TIME	1240	COMME	NTS:								
					SAMPLE LO						
SAMPLE ID	TIME		CONTAINE		N	JMBER OF	CONTAINE	RS	PRESERVAT	TVE	
MKTE-:	38 124	<u> </u>	40 MI			<u>6</u>			HCL NEAT		
				MBER LAMB		1			NEAT		
				L PLA		1			HNO3		
<u> </u>				IL PLA		1			HN03		
				AL PLA		1_			HZSOL	,	
1	─ ✓			IL PLA		1			NEAT		
INSTRUMEN	ITS USED	GET				PRO	BE		1.7		
			PRO								

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V.W3

WESTERN REFINING - GALLUP REFINERY THIRD QUARTER 2016

WEL	_L ID		Works the Control of			TEST PA	RAMETERS	3		
MKTF	-39	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	69.13.16	Initial	1321	6.77	21.2	7514			16,5	-106.2
GAUGE TIME	1210	1	1322	6.89	20.5	7051	<u> </u>		14.8	-121.6
DHC (FEET)	ND	2	1323	6.91	20.2	7632		**************************************	15.1	-123.6
DTW (FEET)	8.40	3	1325	6.93	20.1	7650			16.2	-124.3
DTB (FEET)	15.23	4	1326	6.95	20.1	7632			15.5	-120.3
DTB - DTW	6.83	5	1327	6.96	20,0	7617			14.6	-124.6
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1328	6.94	20.0	7649	- Lampsons		14.9 -	121.1
				Pl	JRGING DA	·ΤΑ				
3 WELL VOLUMES	3.34	CLOU	R CONDIT	EST W	IND, 80)°				
PURGE DATE	9.13.16	GRE	appéaran Ƴ, O∞	-						
END OF PURGE TIME	1328	COMME	NTS:							100 100 100 100 100 100 100 100 100 100
PURGE AMOUNT	3.5									
DTW (FEET)	9.90									
				SA	MPLING D	ATA				
SAMPLE DATE	6 9.13.16	WEATHE LOI	ER CONDITI	IONS: NEST	MIND	දුර				
DTW (FEET)	9.50	WAIER	APPEARÀN EY, の!	CE / ODO	R:					
SAMPLE TIME	1345	COMME								
-					SAMPLE LO					
SAMPLE ID	TIME		CONTAINE		NU	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-	39 <u>134</u>	<u>5</u>	40 MI			6			HCL	
			<u>1 L A</u> 250 M	MBER LAMB	ED.	<u>1</u>			NEAT NEAT	
				L PLAS		1			HNO3	
				L PLAS		1			HNOZ	
				L PLA		1			Hz 50	4
V	√			IL PLA		<u> </u>			NEAT	
INSTRUMEN [*]	TS USED	GEC			ER FAC	E PR	OBE			
			I PRO							

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WE	LL ID					TEST PA	RAMETER	S		
MKTF	-21	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial	1028	6.53	22.2	1343	4	•	9.9	-91.4
GAUGE TIME	1022	1	1030		22.2	1382	<u>ھس</u> ے		18.4	-95.2
DHC (FEET)	ND	2			D DRY		ALS			
DTW (FEET)	6.80	3								
DTB (FEET)	8.83	4								
DTB - DTW	2.03	5								
CAPACITY PER FOOT		- 6	<u>, , , , , , , , , , , , , , , , , , , </u>							
				PI	URGING DA	TA				
3 WELL VOLUMES	4.50	CLE	R CONDIT	ODER	ATE W	EST W	IND, 7	78°		
PURGE DATE	9.11.16	1	APPEARAN MBER	•						
END OF PURGE TIME	1033	СОММЕ	NTS:	•						
PURGE AMOUNT	26acs	:								
DTW (FEET)	8.60									
				SA	MPLING DA	\TA				
SAMPLE DATE	9.12:16		ER CONDIT		56°					
DTW (FEET)	7.40	WATER	APPEARAN	ICE / ODO	R:					
SAMPLE TIME		СОММЕ	NTS:	<u>-</u>	-					
	· · · · · · · · · · · · · · · · · · ·				SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	NU	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-	21 084	Ø	40 ML	AON		6			HCL	
			1 LA			<u> </u>			NEAT	
	<u> </u>		250 ML	AMBER		1_			NEAT	
			500 MI			1			HN03	
			125 ML			1_			HN03	
			125 ML			1			H2SO4	
V	V		<u>500ML</u>			1			NEAT	
INSTRUMEN	TS USED		ECH I		CE PRO	BE				
									<u> </u>	

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WE	WELL ID TEST PARAMETERS Volumes TIME pH Temperature Conductivity TDS (g/L) Salinity (ppt) Dissolved ORP (my)									
MKTF-	·20	Volumes	TIME	pН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial	1048	6.77	24.1	2890	<u></u>	egenerating.	14.3	-119.9
GAUGE TIME	10:44	1	1050	6.75	24.1	2987	-		11.1	0.881
DHC (FEET)	ND	2			ED DRY	@ 20	BALS			
DTW (FEET)	7.65	3								
DTB (FEET)	9.60	4								
DTB - DTW	2.05	5								
CAPACITY PER FOOT	0.74 - 4"	6	1 1							
1001	0.163 - 2"			DI	l Urging da	ΤΛ]		1
0.1//=::		\A/E-A-TI-F	R CONDIT		onding DA	WA.				
3 WELL VOLUMES	41.55				ATE N	IEST V	VIND	800		
PURGE DATE	9.11.16	WATER .	APPEARAN	CE / ODO	R: K, OD		<i></i>			
END OF PURGE TIME	1052	COMME	NTS:		7					
PURGE AMOUNT	2									
DTW (FEET)	9.40									
				SA	MPLING DA	ATA				
		WEATHE	R CONDIT							
SAMPLE DATE	9.12.16				, 0					
DTW (FEET)	7,60		<u>R CAL</u> APPEARAN 1 <i>R</i> , OD		R:					
SAMPLE TIME	0925	COMME		OR						
			···		MADIELO			."		
SAMPLE ID	TIME		CONTAINE		SAMPLE LO	G JMBER OF	CONTAINE	35	PRESERVAT	IVE
MKTF-2			40 ML		140	6 - MBEROL	OOMIAIIVEI	10	HCL	1 V L
111217-2				MBER		1			NEAT	
			250 M			- 1		<u></u>	NEAT	
				- PLAS		1			HNO3	
				PLAST		1			HN03	
			-	PLAST		1			H2504	
$\overline{}$	V			PLASTI		1			NEAT	
INSTRUMEN ⁻	TS USED	GFOT		•	FACE F	PRORE			1,7—,7,	
	<u> </u>	YSI	PRO D			1,000				

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WEI	LL ID					TEST PA	RAMETERS	3		
MKTF-	16	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial	1112	7.18	23.6	2569		i de la constante de la consta	16.2	2-144
GAUGE TIME	1105	1	114	7.19	23.0	2842	_	4220004	15.5	-1335
DHC (FEET)	Œ,	2	1119	7.19	22.8	<i>3</i> 033			21.7	-131.5
DTW (FEET)	9.65	3	1119	7.18	22.7	3105		: •42 <u>00000</u>	15.4	-1227
DTB (FEET)	13.85	4								
DTB - DTW	4.20	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				Pl	JRGING DA	ιΤΑ				
3 WELL VOLUMES	2.05		R CONDIT		ATE	WEST	WIND	, 80°		
PURGE DATE	9.11.16	WATER .	APPÉARAN <i>AR, (</i> NTS:	CE / ODO つつのペ	R:					
END OF PURGE TIME	1119	COMME	NTS: '							
PURGE AMOUNT	2.25									
DTW (FEET)	12.95									
				SA	MPLING D	ATA				
SAMPLE DATE	9.12.16		R CONDIT		CALM .	63°				
DTW (FEET)	12.50	CLE	AR O		CALM , R:					
SAMPLE TIME	1010	COMME とのW					L NEA	T 1/2	FILLED	>
044401 E 10	TINAL		CONTAINE		SAMPLE LO		OONITAINIE	DC	PRESERVAT	-IV/E
SAMPLE ID MKTF-	TIME 101 کا			L VOA	INC	JMBER OF	CONTAINE	KS	HCL	IVE
PIRIT	<u>۱۵۱ کی </u>			MBER		<u> </u>			NEAT	
				AMBE	R	1			NEAT	
				L PLAS		1			HNOZ	
				- PLAS		<u> 1</u>			HNO3	
				L PLAS					Hz504	
MOTO: 12.45.1	TO LIGED			L PLAS		1			NEAT	
INSTRUMEN	IS USED		TECH I PRO I		FACE P	ROBE				
i										

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WEI	LL ID					TEST PA	RAMETERS	3		
MKTF	-03	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.12.16	Initial								
GAUGE TIME	1040	1		NO	BAMPL	ES C	OLLEC	TED		
DHC (FEET)	7.92	2			OF H					
DTW (FEET)	10.32	3			ECTEL					
DTB (FEET)	18-46	4								
DTB - DTW	NA	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				PI	URGING DA	TΑ				
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE		WATER /	APPEARAN	ICE / ODO	R:					·"
END OF PURGE TIME		COMME		-IC -	CLEAF	₹				
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING D	ATA				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME		COMME	NTS:							
				5	SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	N	JMBER OF	CONTAINE	RS	PRESERVATI	VE
					 					
<u></u>										
INSTRUMEN [®]	TS USED	GEO	ECH :	INTER	RFACE	PROB	E			

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WEI	WELL ID TEST PARAMETERS Volumes TIME pH Temperature Conductivity Degrees C (mS) TDS (g/L) Salinity (ppt) Oxygen (%) ORP (mv)									
MKTF-	05	Volumes	TIME	рН	Temperature Degrees C		TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial								
GAUGE TIME	1210	1								
DHC (FEET)	14.74	2		NO S	AMPLE	S COL	LECTEL			
DTW (FEET)	15.19	3		1	t .			INW	ELL	
DTB (FEET)	17.78	4								
DTB - DTW	NA	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	-							
				Pl	JRGING DA	TA				
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE		WATER A	APPEARAN	ICE / ODO	R:					
END OF PURGE TIME		COMME	NTS:	HC	-BR	OWN				
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING D	ATA				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME		COMME	NTS:				•			
				S	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	NU	JMBER OF	CONTAINE	RS	PRESERVATI	VE
						<u></u>				
INSTRUMEN [*]	TS USED	100	75011 -	TAITE	ELOE	DDAB				
	. 5 0025	(SEUL		<u> </u>	FACE	r-reude				

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WE	LL ID					TEST PA	RAMETERS	3		
MKTF	-06	Volumes	TIME	pН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial								
GAUGE TIME	1214	1								
DHC (FEET)	17.40	2		NO S	AMPLE	s co	LLECT	ED		
DTW (FEET)	18.48	3		1.0	18' OF	HYDR	OCAR BO	DN IN	WELL	
DTB (FEET)	23.75	4								
DTB - DTW	NA	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				Pl	JRGING DA	TA				
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE		WATER /	APPEARAN	CE / ODO	R:					
END OF PURGE TIME		COMME	NTS:	HC-	- BROI	~/\				
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING DA	NTA				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER A	APPEARAN	CE / ODO	R:					
SAMPLE TIME		COMMEI	NTS:							
				S	SAMPLE LO	G				
SAMPLE ID	TIME	ı	CONTAINE	R TYPE	NU	IMBER OF (CONTAINE	RS	PRESERVATI	VE
INSTRUMEN	TS USED	GEO	TECH	INTE	ERFACE	PRC	BE			

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WEL	L ID					TEST PA	RAMETERS	3		
MKTF	-07	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial								
GAUGE TIME	1216	1								
DHC (FEET)	12.20	2		NO S	AMPLES	COLL	ECTEL			
DTW (FEET)	14.61	3		2.41	OF	HYDRO	CARB	ON IN	WELL	
DTB (FEET)	17.63	4								
DTB - DTW	NA	5					_			
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				Pl	JRGING DA	TA				
3 WELL VOLUMES		WEATHE	R CONDIT	TONS:						
PURGE DATE		WATER	APPEARAN	ICE / ODO	R:					
END OF PURGE TIME		СОММЕ	NTS:	HC	- BRO	OWN				
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING D	ATA				
SAMPLE DATE		WEATH	R CONDIT	IONS:						
DTW (FEET)		WATER	APPEARAN	NCE / ODO	R:					
SAMPLE TIME		СОММЕ	NTS:							
				Ç	SAMPLE LC)G				
SAMPLE ID	TIME		CONTAINE	ER TYPE	N	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
									-	
INSTRUMEN	TS USED	GEO	TECH	INT	ERFAC	CE PI	ROBE			

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WE	LL ID					TEST PA	RAMETERS	3	**************************************	<u> </u>
MKTF	T-08	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial								
GAUGE TIME	1220	1								
DHC (FEET)	13.63	2		No.	SAMPL	ES CO	LLECT	(ED		
DTW (FEET)	14.29	3		0.60	OF	HYDRO	DCARB	ON IN	WELL	
DTB (FEET)	21.98	4								
DTB - DTW	NA	5								
CAPACITY PER FOOT		6								
				Pi	JRGING DA	TA				I
3 WELL VOLUMES	N/10.	WEATHE	R CONDIT	IONS:						
PURGE DATE		WATER A	APPEARAN	CE / ODO	R:					
END OF PURGE TIME		СОММЕ	NTS:	H	C- BR	POWN				
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING D	ATA			V. W.	
SAMPLE DATE		WEATHE	R CONDIT	ONS:						
DTW (FEET)		WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME	•	COMME	NTS:							
				S	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINEI	R TYPE	NU	JMBER OF (CONTAINEF	RS	PRESERVATI	VE
INSTRUMENT	TS USED	GEO	TECH	INT	ERFAC	CE PK	POBE			

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WE	LL ID			outres and a second disconage		TEST PA	RAMETERS	3	WWW.	
MKTF-	1 (Volumes	TIME	рH	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial	0810	7.08	17.9	4005	•		15.9	-94.7
GAUGE TIME	0804	1	0813	7.25	17.6	4215		********	22.6	-133.4
DHC (FEET)	ND	2	0816	7.26	17.2	4453		and the same of th	20.7	-133.9
DTW (FEET)	8.70	3	0819	7.15	17.0	5005			17.1	-116.6
DTB (FEET)	18.42	4	0822	7.24	16.5	4768	-	ر حسیسه	21.2	-123.7
DTB - DTW	9.72	5	0825	7.23	16.4	4991			19.8	-1153
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	0828	7.ZZ	16.3	4920	Experience .		13.6	-115.9
				Pl	JRGING DA	TA				
3 WELL			R CONDIT							
VOLUMES	21.58	CLEA	R. CALI APPEARAN	4,60°	, D.					
PURGE DATE	9.11.16				M: ODOR					
END OF PURGE TIME	0828	COMME	NTS:	1						
PURGE AMOUNT	22									
DTW (FEET)	15.12									
				SA	MPLING DA	ATA				
SAMPLE DATE			ER CONDIT		<u>WIND, 1</u> R:	895	LIGHT	NING A	LERT @	,
DTW (FEET)	8.78		APPEARAN Ear C		R:					-1425
SAMPLE TIME	1330	сомме	NTS: '		PUP04	AEI A	T TH	IS WE	L	
				S	SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE		NU	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-11	1330)	40 ML	VOA MBER		6			HCL NEAT	
				AMBER		1			NEAT	
				PLAST		1			HN03	
			125 ML			1			HNOZ	
				PLASTI		1			Hz So.	4
	V		500 ML	_ PLAS	ric	1			NEAT	`
INSTRUMEN'	TS USED .				E PROB	Ē			•	
		YSI	PRO 7	DSS						
			,							

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WE	LLID					TEST PA	RAMETERS	3		
MKTF	-04	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial	0725	6.79	16.8	2124	,	Name of the latest terms o	22.5	-764
GAUGE TIME	0715	1	0729	6.97	15.5	2417			20.1	-107.1
DHC (FEET)	ND	2	6733	10,1	14.6	2376			14.3	-109.7
DTW (FEET)	10.23	3	0737	7.14	14.0	2354	4-minutes		Z2.8	-116.7
DTB (FEET)	22.30	4		BAII	ED DR	Y @ 16	GALS			
DTB - DTW	12.07	5								
CAPACITY PER FOOT	0.74 - 4"	6								
FOOT	0.163 - 2"			DI	IDCINC DA	ΤΛ				
3 WELL		WFATHE	R CONDIT		JRGING DA	NIA .				
VOLUMES	26.80		R, CAL							
PURGE DATE	0 11 17	WATER A	APPEARAN	CE / ODO	R:					-
5ND 05	9.11.12	GRE	<u>Y 000</u> nts:	DR, SI	HEEN					
END OF PURGE TIME	0740	COMME	NIO.	,						
PURGE	4.2				***					
AMOUNT	16 GALS									
DTW (FEET)	21.94									
				SA	MPLING DA	ATA				
SAMPLE DATE	9.11.12		R CONDIT			0-0		** 		
		WATER	APPEARAN	WEST CE (ODO)	WIND.	85				
DTW (FEET)	10.20		BER,	•						
SAMPLE TIME	11/16	COMME								
	1445			•	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	_		JMBER OF (CONTAINER	RS	PRESERVAT	VE
MKTF-0	4 144	15	40 ML	NOA		6			1-KL	
			1 LAM	BER		7_			NEAT	
			250 ML			1_			NEAT	. ,
			500 ML						HNOZ	
			125 ML			<u> </u>			HNO3	
			25 ML						Hz50	<u> </u>
INSTRUMENT	IS LISED		500 ML			2000) /		NEAT	
OIROMEN	-		PRO		FALE	PROB	<u> </u>			
		104	, ,\0							
						-				

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WEI	LL ID					TEST PA	RAMETERS	3	25-mil 5-0-0 mg m m mg m m m m m m m m m m m m m m	***************************************
MIKTE	-10	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial	0905	6.61	18.6	3539			14.5	790.5
GAUGE TIME	0855	1	0907	6.70	17.8	3653	•		19.3	-100.0
DHC (FEET)	ND	2	0909	6.74	17.2	3650		Section 19	17.4	-104.1
DTW (FEET)	8.45	3		BAIL		Y @ 6	GALLO)4S		
DTB (FEET)	16.20	4								
DTB - DTW	was 8	5								
CAPACITY PER	0.74 - 4"	6								
FOOT	0.163 - 2"	Ü								
					JRGING DA	ΛTA				
3 WELL		WEATH	R CONDIT	IONS:						
VOLUMES	17.20	CLE	AR, CAL	M, 68	<u> 3° </u>					
PURGE DATE	9.11.16		appearan LR-> BR							
END OF PURGE TIME	0911	COMME	NTS:							
PURGE AMOUNT	& GALS		111112-111111111							
DTW (FEET)	15.90						•			
				SA	MPLING D	ATA				
SAMPLE DATE	9.11.16	WEATHE	R CONDITI	IONS:	Aliano C) E O		4.5		
DTW (FEET)	9.15				R:	50 - L	<u>LIGHTNI</u>	NG ALE	RT 0—1605	
SAMPLE TIME		COMME	NTS:	OOR						
				S	SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE			JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-10	150	0	40 ML	AOV		6			HCL	
	1		1 L AM	BER		1			NEAT	
\			250 ML	AMBER	٤	1			NEAT	
			500 ML	AMBER	2				HNO3	
			125 HL	- AMBE	۷	<u> </u>			HN03	
/				_ AMBE				···· · · · · · · · · · · · · · · · · ·	Hz 50-	L
<u> </u>	<u> </u>		2500 MI			1			NEAT	
INSTRUMEN ⁻	IS USED				PROB	<u> </u>				
		YSI	PRO DS	క						
								-//		,

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WESTERN REFINING - GALLUP REFINERY THIRD QUARTER 2016

WE	LL ID					TEST PA	RAMETERS	3		
MKTF-	٩	Volumes	TIME	pН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial	0943	7.01	16.2	1824			18.8	-65.5
GAUGE TIME	0930	1	0946	7.04	15.1	1874	to comment		11.5	-993
DHC (FEET)	ND	2	0949	7.14	14.5	1908	4 	And the second s	10.6	-113.5
DTW (FEET)	14.20	3	0952	7.16	14.4	1907		*hampingsinesse)	0.81	-114.1
DTB (FEET)	22.82	4	0955	7.17	14.3	1900			16.1	-117.2
DTB - DTW	8.62	5		B	PILED :	DRY @	16GAL	s		
CAPACITY PER	0.74 - 4"	6								
FOOT	0.163 - 2"	Ů								
				Pl	URGING DA	λTA				
3 WELL		WEATH	R CONDIT	IONS:						
VOLUMES	19.14	CLE	AR, MOT	ERATE	E WES R:	T WIND	,72°			
PURGE DATE	9.11.16									
	1,11,10	26	EAR ->	> BROU	W, OT	DOR				
END OF	0000	СОММЕ	NTS:							
PURGE TIME	0958									
PURGE AMOUNT	图16									
DTW (FEET)	15 16 22.45					1				
				SA	MPLING D	ATA				
		WEATH	R CONDIT	IONS:					' .	
SAMPLE DATE	9.11.16		DY, W	EST W	IND, 8	00				
DTW (FEET)	111.5	WATER	APPEARAN	CE / ODO	R:					
5117 (1221)	14.10		WN, O	DOR						
SAMPLE TIME	1620	СОММЕ	NTS:							
	1020			S	SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE			JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-9	16	20	40 ML	VOA		6			HCL	
(1			MBER		1			NEAT	
			250 ML			1			NEAT	
		1	500 NL			1			11102	`` <u> </u>
			125 ML	PLAST	ic	ユ			HNO3	
			125 ML			1			HZS	
√	V		500 ML	- PLAST	16	1			NEA-	7
INSTRUMEN	TS USED				INCE PR	OBE				
			PRO I							
									_	

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WE	LL ID					TEST PA	RAMETERS	3		
MICTE	-/5	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.11.16	Initial	1242	6.62	18.3	11577			11.7	-105.1
GAUGE TIME	1230	1	1244	6.68	17.4	11683			11.5	-107.7
DHC (FEET)	ND	2	1245	6.74	17.4	11643			13.4	-107.8
DTW (FEET)	13.00	3	1246	6.76	17.1	11594		<u> </u>	11.8	105.8
DTB (FEET)	19.55	4	1248	6.78	17.0	11563	Existing		13.5	-107.8
DTB - DTW	6.55	5	1250	6.79	17.0	11530			8.9	-107, 4
CAPACITY PER FOOT		6	1252	6.79	17.0	11523	Secretary and the second secon		12.5	-106.5
				Pl	JRGING DA	TA			<u></u>	
3 WELL	3.20		ER CONDIT		-	~				
VOLUMES		WATER	LOUDY, APPEARAN	WEST	WIND,	<u> ක</u>				
PURGE DATE	9.11.16			•	n. DR, SHE	FN				t v
END OF PURGE TIME	1252	COMME	NTS:		, 2,10					
PURGE AMOUNT	3.25									
DTW (FEET)	13.60									
				SA	MPLING DA	ATA				
SAMPLE DATE	9.11.16		ER CONDIT		WIND,	86°				
DTW (FEET)	13.00	WATER	APPEÁRAN	CE / ODO	R:					
SAMPLE TIME	1645	COMME	NTS:		9///6	O 165	55			
				S	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	NU	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTE-	15 /64	5	40 ML			<u>6</u>			HCL	
		 		ER AMB		$\frac{1}{1}$			NEAT NEAT	
		 		- PLAS		1			NEAT	HNOZ
/	/			- PLAST		1			HNOZ	
				PLAS		1			H2504	
V	V		500 ML			1			NEAT	
INSTRUMEN	TS USED .				E PRO	BE				
The state of the s	-	YSI 1	PRO DS	55					*********	

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WEI	LLID					TEST PA	RAMETERS	S	Sometime Description (Little Model Lance on the school of	
MKTF -	.44	Volumes	TIME	рΗ	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.8.16	Initial	1126	8.17	14.5	1005	V	والمتحدي	40,3	70.2
GAUGE TIME	1115	1	1130	8.21	13.1	2434		E	41.5	73.4
DHC (FEET)	ND	2	1134	8.16	12.8	2459	- Charmon mark	Expression	45.6	75.0
DTW (FEET)	31.34	3	1138	8.14	12.9	2472	The second secon	· parameter	49.0	78.0
DTB (FEET)	51.24	4	1142	8.13	12.9	Z S0		Language A	46.4	79.9
DTB - DTW	19,90	5	1146	8.13	12.9	2489	, processor	-	37.2	80.6
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1154	8.16	12.8	2450	4-constable	+ <u></u>	35.1	80.7
				P	URGING DA	TA				
3 WELL VOLUMES	9.73	CLEA		IT WES	JUIN T	748				
PURGE DATE	9.8.16	CLE		•	R: レシャ	NDDY,	NO 01	DOR		
END OF PURGE TIME	1154	COMME DTW		s' @	1735	on 9.	8.16			
PURGE AMOUNT	10.00	DTW	- 48.1	66'@	0810	ON 9.	9.16			
DTW (FEET)	50.20							- N	P.	
				SA	MPLING D	ATA				
SAMPLE DATE	9.9.16	CLE	R CONDIT	LM.	54°					
DTW (FEET)	48.66	BRO	APPEÀRAN	-						
SAMPLE TIME	0835	СОММЕ	NTS:							
					SAMPLE LO		00174116		555550	
SAMPLE ID	TIME 680 44		CONTAINE		Nl	JMBER OF	CONTAINE	KS	PRESERVAT	IVE
171617-	17 COO	<u>ل</u>	40 ML	MBER		6			HCL NEAT	
 	1		250 ML			1			NEAT	
			500 M			1			HNOZ	
			125 M			1			HNO3	
			125 MI			ì			H2.50	
V	Z		500 M	-		-}			NEAT	
INSTRUMEN	TS USED	GEOT	ECH I	ITERFA	ICE PRI	DBE				
			PROD							

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WE	LL ID					TEST PA	RAMETERS	3	Names of the same	
MKTF	-25	Volumes	TIME	рН	Temperature	Conductivity	TDS (g/L)	Salinity (ppt)	Dissolved	ORP (mv)
GAUGE DATE	9.8.16	Initial	1229	(ail	Degrees C	(mS) 3262	Cuman		Oxygen (%)	MC 7
GAUGE TIME		30	1339	6.94					19.1	45.2
DHC (FEET)	BEST VALUE	2	1341	6.93	15.0	3223			22.1	21,8
	ND		1344	6.94	14.6	3299			26.0	3.3
DTW (FEET)	12.17	3	1350	3	BAILED	DOWN (D 3.5 G	ALLON	S	
DTB (FEET)	19.50	4			NC	RECO	VERY			
DTB - DTW	7,33	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				Pl	JRGING DA	TA	***************************************	· · · · · · · · · · · · · · · · · · ·		
3 WELL	_	WEATHE	R CONDIT	IONS:		_				**************************************
VOLUMES	3,58	CLEA	K, WES	NIW 15	0.86	ට 				
PURGE DATE	4.00 1.	WATER.	APPEARAN	CE / ODO	R: '			- 0		
END 05	9.8.16	COMME	LEAR	-> BRO	wn ->>	MUDDY	5 600	DK		
END OF PURGE TIME	1350	COMME	INTO.							
PURGE	3.5									
AMOUNT	19.35	-								
DTW (FEET)	19.35				,					
				SA	MPLING DA	ATA				
SAMPLE DATE			R CONDIT							
	9.9.16		AR CA							
DTW (FEET)	12.10		APPEARAN	•						
		COMME		10 ODC	<i>//</i>					
SAMPLE TIME	0930									
CAMPLEID	TILLE		OONTAINE		AMPLE LO		00171			
SAMPLE ID MKTF-	TIME 25 093		CONTAINE		NU	_	CONTAINER	KS	PRESERVAT	IVE
1	<u> </u>		40 ML			<u>6</u> 3			HCL HCL	
				AMBER	ζ	7			NEAT	
				AMBER					NEAT	
					- PLAST	ic 2			HNO3	
/			125 MI	,		1			#HO3 H	2504
V	<u> </u>		500 ML	_ PLAS	TIC				NEAT	,
INSTRUMEN [*]	TS USED -				FACE !	PROBE			:	
		YSI	PRO	DSS_						

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WE	LL ID	Anno Anno Anno Anno Anno Anno Anno Anno				TEST PA	RAMETERS	3	Stant Commission of the Commis	
MKTF-	.43	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.9.16	Initial	0957	6.45	20.0	40919		جسي	33.6	151.3
GAUGE TIME	0947	1	0959	6,49	19.8	30631		******	23.5	152.5
DHC (FEET)	ДИ	2	1001	6.51	19.4	9445		40000000	20.7	157.3
DTW (FEET)	3.98	3	1003	6.54	19.0	24828			19.9	160.3
DTB (FEET)	15.43	4	1005	(a. 55		21480			24.1	161.6
DTB - DTW	11.45	5	1007	6.56	18.1	Z2180			22.9	163.9
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1009	6.58		23100		waren de la companya	21.3	164.9
				Pl	URGING DA	TA				•
3 WELL			R CONDIT				_			
VOLUMES	5.60	CLE	AR, L	IGHT V	VEST W	IND, 7	5ຶ			
PURGE DATE	9.9.16		APPEARAN EAR , N	•	K: DOR					
END OF PURGE TIME	1009	COMME		<u> </u>						
PURGE AMOUNT	6 GALS									
DTW (FEET)	10.78				,					
				SA	MPLING D	ATA				
SAMPLE DATE	9.9.16		R CONDIT		JEST W	INB7	7°			
DTW (FEET)	10.45	WATER A	APPEARAN	CE / ODO	R:					
SAMPLE TIME	1045		NTS: ECTED			THIS I	NELL			
				S	SAMPLE LO	G				
SAMPLE ID	TIME 43 1049		CONTAINE		N	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-	13 104 1	-	40ML	NOA MBER		<u>6</u>			HCL NEAT	•
				L AMBE	R	1			NEAT	
				L PLAS		1,			HNO2	
			125 M	L PLAS	STIC	1			HNO3	
			125 M	L PLAS	TIC	1			Hz504	
<i>V</i>	V		500 M	L PLAS	TIC	1			NEAT	
INSTRUMEN	TS USED		CH IN PRO D		CE PROB	BE				
									<u> </u>	

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WEI	L ID					TEST PA	RAMETERS	3		
MKTF-	42	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.9.16	Initial	1129	7.94	15.5	3955	خسي	Name of the last o	8.9	57.4
GAUGE TIME	1115	1	//3/	7.93	14.3	3653	***************************************		19.8	49.2
DHC (FEET)	ND	2	1133	7.90	13.8	3663			11.11	51.7
DTW (FEET)	17.30	3	1136	7.93	13.5	3627	-		16.2	56.4
DTB (FEET)	33.22	4	1139	7.98	13.3	3546			21.4	59.1
DTB - DTW	15.92	5	1142	7,96	13.9	3525			30.1	63.1
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1145	7.98	13.3	3577		L egislation	19.5	60.Z
				Pl	JRGING DA	ATA .			107.00	
3 WELL VOLUMES	7.78	CLEA	R CONDIT	IST WE	57 WI	v <i>D, 8</i> 5	0			
PURGE DATE	9.9.16	WATER <i>CLE</i>	APPEARAN AR, G	ICE / ODO	K:	Y, OD				
END OF PURGE TIME	1145	COMME	NTS:							
PURGE AMOUNT	8 GALS									
DTW (FEET)	23.70									
				SA	MPLING D	ATA				
SAMPLE DATE	9.9.16		ER CONDIT		IORTH	MIND	385°			
DTW (FEET)	23.50	WATER	APPEARAN	ICE / ODO	K:	AY, OD				
SAMPLE TIME	1215	COMME								
					SAMPLE LO					
SAMPLE ID	TIME		CONTAINE		N	UMBER OF	CONTAINE	RS	PRESERVA	IIVE
MKTE-	42 121	5	40 ML	. VOA AMBER		<u>6</u>			HCL NEAT	
 			250M			士			NEAT	
			500 MI			1			HN03	
			125 M		STIC	1			HNO3	
			125 M	L PLAS		1			H2504	
V	V		500M	IL PLAS	STIC	1			NEAT	
INSTRUMEN	TS USED		TECH I		FACE F	PROBE				
		YSI	PRO	DSS						
									and the same of th	

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WESTERN REFINING - GALLUP REFINERY THIRD QUARTER 2016

WE	LL ID					TEST PA	RAMETERS	3			
MKTF-	32	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)	
GAUGE DATE	9.9.16	Initial	1243	7.77	18.9	2589			13.4	76.0	
GAUGE TIME	1230	1	1246	7.77	15.3	2764			21.2	78.1	
DHC (FEET)	QN QN	2	1248	7.78	14.5	2782	·		Z4.5	80.5	
DTW (FEET)	14.40	3	1250	7.82	14.1	2887	-		26,0	82.2	
DTB (FEET)	27.70	4	1252	7.81	13.9	3024	حسير		25.3	8.8	
DTB - DTW	13.30	5	1254	7.82	13.8	2964			27.0	84.0	
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1256	7.83	13.7	2939		-	z2.7	୦.୫୫	
				Pl	URGING DA	TA				1	
3 WELL	<i>,</i>		R CONDIT								
VOLUMES	6.50	CLEA	R, LIG	HT WES	ST WIN	0 860					
PURGE DATE	9.9.16	WATER.	APPEARAN	CE/ODO	R: ROWN,	10 ON	DR .				
END OF PURGE TIME	1256	COMMENTS: 1256									
PURGE AMOUNT	6.5										
DTW (FEET)	21.45										
				SA	MPLING D	ATA					
SAMPLE DATE	9.9.16		R CONDIT		EST WI	ND BC	70		·		
DTW (FEET)	21.40	WATER A	APPÈARAN	CE / ODO	R: NO 00						
SAMPLE TIME	1320	COMME	NTS:	•							
					SAMPLE LO						
SAMPLE ID MKTF-3	TIME 32 132		CONTAINE 40 ML		NU	JMBER OF	CONTAINE	RS	PRESERVAT	IVE	
MICHA	122			VOA		3			HCL		
			1 L Ar			1			NEAT		
			250 ML	AMBER		1			NEAT		
├					. PLAST	<u>1</u> 2			HN03		
 				L PLA					H250	4	
INSTRUMEN	TO LIGED	1		L PLAS		200=			NEAT		
IINOTRUVIEN	IS USED		ECH II Pro De		ACE P	KOBE.					

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WESTERN REFINING - GALLUP REFINERY THIRD QUARTER 2016

WE	LL ID				ggi geell ta litasal tiralitasaan oo	TEST PA	RAMETERS	3		TO STATE OF THE ST
MKTE	2-41	Volumes	TIME	рН	Temperature	Conductivity	TDS (g/L)	Salinity (ppt)	Dissolved	ORP (mv)
GAUGE DATE	9.9.16	Initial	1350	0 29	Degrees C	(mS)			Oxygen (%)	
GAUGE TIME		1		8.39	16.3	3250			54.3	695
	1340		1353		13.9	3243			42.1	74.4
DHC (FEET)	ДИ	2	1355	8.29	13.3	23239			46.7	76.7
DTW (FEET)	20.11	3	1358	8.27	13.1	3226	· ———	egyppiemė.	46.8	78.0
DTB (FEET)	39.78	4	1401	8.31	13.2	3217		-	39.7	78.9
DTB - DTW	19.67	5	1404	8.32	13.2	3219			32.4	79.1
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1407	8.33	13.3	2 .3Z20	e question à		27.4	79.4
				Pl	JRGING DA	\TA		·		
3 WELL	_		R CONDIT		700		_			
VOLUMES	9.61	CLE	AR M	OD WE	EST W	IND, 8	50			
PURGE DATE	9.9.16		APPEÁRAN >R ->							
END OF PURGE TIME	1407	COMME	NTS:	<u> </u>						
PURGE										
AMOUNT	10 GALS									
DTW (FEET)	34.03									
				SA	MPLING D	ATA				
SAMPLE DATE			R CONDIT							
	9.9.16	CLE	AR, CA APPEARAN	LM, E	<u>55°</u>					
DTW (FEET)	31.90									
		COMME	<u>ΣΥ , Λ/Ο</u> NTS:	UNIC						
SAMPLE TIME	1500			FBC	90910	e 142	20 AT	THIS W	IELL	
				S	SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE		N	JMBER OF	CONTAINER	RS	PRESERVAT	IVE
MKTF-4	1 1500	ر	40 ML	*		<u>6</u>			HCL	
-			40 MI			<u> </u>			HCL	
				IER AN		<u> </u>			NEAT	
 				- AMB	-/125ML	P 2			NEAT HNO3	
/		<u> </u>		PLAST		1			H7 504	<i>t</i>
V	1		_	- PLAS		1			NEAT	
INSTRUMEN'	TS USED	GEOTI	ECH IN			BE			•	
			PRO I				-			
										:

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WEL	L ID	TEST PARAMETERS								
MKTF	=-12	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.10.16	Initial								
GAUGE TIME	1347	1								
DHC (FEET)	19.23	2		NO .	SAMPL	ES C	OLLEC	TED		
DTW (FEET)	19.55	3			2'0)	
DTB (FEET)	25,90	4			TECTE					
DTB - DTW	NA	5						:		
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				PI	URGING DA	TA				
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE		WATER A	APPEARAN	ICE / ODO	R:					
END OF PURGE TIME		COMME	NTS:	HC.	- BRC	WW				
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING D	ATA				Ì
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER /	APPEARAN	ICE / ODO	R:					
SAMPLE TIME		COMME	NTS:							
				5	SAMPLE LO					
SAMPLE ID	TIME		CONTAINE	R TYPE	NU	JMBER OF	CONTAINE	RS	PRESERVAT	VE
				, , , , , , , , , , , , , , , , , , , 						
INSTRUMEN	TS USED	GEO	TECH	INTE	RFACE	PRO	BE			

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WELL ID TEST PARAMETERS										
MKTF	B	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.10.16	Initial								
GAUGE TIME	1340	1								
DHC (FEET)	13.88	2		NO	SAMPL	es c	DLLECT	ED		
DTW (FEET)	14.86	3		0.98	1		ROCAI	1 1		
DTB (FEET)	21.78	4		DETE	CTED					
DTB - DTW	NA	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				PI	JRGING DA	TA				
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE	:	WATER A	APPEARAN	CE / ODO	R:					
END OF PURGE TIME		COMME	_	1C - E	BROWN	,				
PURGE AMOUNT			-							
DTW (FEET)										
				SA	MPLING DA	\TA				
SAMPLE DATE		WEATHE	R CONDIT	ONS:						
DTW (FEET)		WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME		COMME	NTS:							
				5	SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	NL	IMBER OF	CONTAINE	RS	PRESERVAT	IVE
			_							
INSTRUMEN ⁻	TS USED	GEOT	ECH T	enter	FACE	PROB	E			
	COMPLE	TED BY:	TRACY	PAYN	IE	SIC	GNATURE:	X7	Property Control of the Control of t	

WEI	LL ID	TEST PARAMETERS								
MKTF-	14	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9-10-16	Initial								
GAUGE TIME	1335	1								
DHC (FEET)	7.31	2		NO.	SAMPL	es co	LLECT	ED		
DTW (FEET)	9.00	3		i .	OF H			1		
DTB (FEET)	17.40	4			CTED :					
DTB - DTW	NA	5								
CAPACITY PER	0.74 - 4"	6								
FOOT	0.163 - 2"									
		I <u> </u>			JRGING DA	TA				
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE		WATER /	APPEARAN	CE / ODO	R:					
END OF PURGE TIME		COMME HC	NTS:	LEAR						
PURGE AMOUNT		•								
DTW (FEET)										
				SA	MPLING D	ATA				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME		COMME	NTS:							
<u> </u>				S	SAMPLE LO	G			***.	
SAMPLE ID	TIME		CONTAINE	R TYPE	NU	JMBER OF (CONTAINER	RS	PRESERVATI	VE
INSTRUMEN ⁻	TS USED	GEOT	ECH I	NTERF	FACE F	PROBE				

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WE	LL ID					TEST PA	RAMETERS	3		
MKTF-	-77	Volumes	TIME	pН	Temperature	Conductivity	TDS (g/L)	Salinity (ppt)	Dissolved	ORP (mv)
GAUGE DATE		Initial	1210	مر ۱ وسد	Degrees C	(mS)		2 31.7	Oxygen (%)	
GAUGE TIME	9.10.16		1210	7.15	14.6	1887		**************************************	18.7_	-56.5
	12.00	1	1212	7.15	13.1	1764			23.8	-93.7
DHC (FEET)	ND	2	1214	7.15	12.6	1787			22.3	-99.1
DTW (FEET)	26.13	3	1216	7.24	12.5	1821		-	21.0	-97.9
DTB (FEET)	35.60	4	1219	7.25	12.7	1637			20.8	-98.2
DTB - DTW	9.47	5	1221	7.24	12.6	1843			19,9	-96.7
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1225	BAI	red ;	DRY @	4 GA	LLONS		
				Pl	JRGING DA			· · · · · · · · · · · · · · · · · · ·		
3 WELL		WEATH	R CONDIT	IONS:	T-102					
VOLUMES	4.6	CLE	AR, ME	D SE	WIND,	786				
PURGE DATE	0	WATER .	APPEARAN	CE / ODO	R:					-
END OF	9.10.16			110 K-	BROW	1, ODOS	<u>R</u>			
END OF PURGE TIME	1225	COMME								
PURGE AMOUNT	4 GAL									
DTW (FEET)	35.03									
				SA	MPLING DA	ATA				
SAMPLE DATE	9.10.16	WEATHE PTL>	R CONDITI	ONS:	ALM,	85°				
DTW (FEET)			APPEARAN							
DIVV (FEEI)	26.15		R, OD	OR						
SAMPLE TIME	1600	COMME	NTS:							
					AMPLE LO					
SAMPLE ID	TIME	~	CONTAINEI		NL	IMBER OF (CONTAINE	RS	PRESERVATI	VE
MKTF-2	Z 160	<u> </u>	40 ML V			6			HCL_	
			1 LAM						NEAT	
			250ML A 200ML F			<u></u>			NEAT	
			25 ML		I	1			HNO3	
			25 ML (•	1			Ho SOH	,
V	V		300 ML		3	1			NEAT	
INSTRUMENT	IS USED				RFACE	PRO	BE.			
			PRO I							

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WEI	LL ID	TEST PARAMETERS								
MKTF-	23	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.10.16	Initial								
GAUGE TIME	1325	1								
DHC (FEET)	15.04	2		NO	SAMPI	ES C	DULECT	ED		
DTW (FEET)	15.15	3) DETE	CTED	
DTB (FEET)	20.36	4				2ELL	S			
DTB - DTW	NA	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
	0.103 - 2			lPl	JRGING DA	TA				
3 WELL		WEATHE	R CONDIT							
VOLUMES										
PURGE DATE		WATER A	APPEARAN	ICE / ODO	R:					
END OF PURGE TIME		СОММЕ		1C-C	LEAR					
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING D	ATA				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME		COMME	NTS:							
				S	SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	N	JMBER OF	CONTAINEI	RS	PRESERVATI	VE
INSTRUMEN'	TS USED	GEOT	ECH I	NTERA	FACE F	PROBE				

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WESTERN REFINING - GALLUP REFINERY THIRD QUARTER 2016

WE	_L ID					TEST PA	RAMETERS	3				
MKTE	-33	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)		
GAUGE DATE	9.10.	Initial	1250	7.56	14.3	1775	_		19.4	42.3		
GAUGE TIME	1240	1	1253	7.41	13.0	1733		g. organisis	18.6	<i>53</i> .5		
DHC (FEET)	ДИ	2	1255	7.48	12.8	1726		balance#	21.6	58.l		
DTW (FEET)	23.20	3	1257	7.39	12.7	1745	Secretary .		18.9	62.9		
DTB (FEET)	33.01	4	1259	7.41	12.7	1769	t	*****	19.0	69.		
DTB - DTW	9.81	5	1301	7.42	12.6	1764	-		18.8	69.2		
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1303	7.41	12.5	1768	Commence of the Commence of th	**************************************	18.1	70.2		
				Pl	JRGING DA	TA						
3 WELL VOLUMES	4.79	CLE	ER CONDIT	SE WIN	05 , TL	0						
PURGE DATE	9.10.40/6	CLEA		-	R: FAINT (DOOR						
END OF PURGE TIME	1303	COMME	OMMENTS:									
PURGE AMOUNT	5 GALS				and the second second							
DTW (FEET)	26.45											
				SA	MPLING D	ATA						
SAMPLE DATE	9.10.16	WEATHE CLE	R CONDIT	IONS:	95°	•						
DTW (FEET)	23. 25	CL	EAR 1	70 00 CE\0D0	R: OR							
SAMPLE TIME	1520	COMME	NIS:	in the second								
			00174111		SAMPLE LO		0017111			=		
SAMPLE ID	TIME		CONTAINE		NU	JMBER OF	•	45	PRESERVATI	VL		
MKTF-	33 152	<u>U</u>	40 ML	MBER			P		HCL NEAT			
				LAMB			<u>-</u> 1		NEAT			
				PLAS					HNO3			
				PLAS		1	-		HND3			
				PLAS		1			Hz 504			
V			500 M			1			NEAT			
INSTRUMEN	TS USED			NTERF	ACE PI	ROBE						
		1 - 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									

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WEI	L ID		with the second sec	answeres en en eksternik en skriveres		TEST PA	RAMETERS	3		
MKTF-	:31	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.8.16	Initial	1430	7.02	19.4	3718	· emelionement		18.1	50.3
GAUGE TIME	1420	1	1433	7.01	18.6		bonn Southern	-	18.5	59.1
DHC (FEET)	ИD	2	1436	7,07	18.3	3756	National State of the Local Stat	-	22.2	61.8
DTW (FEET)	8.48	3	1438	7.08	18.4	3664	م		24.9	63.8
DTB (FEET)	22.48	4	1440	7,10	_ =	3611		-	2.5.9	65,3
DTB - DTW	14.00	5		7.09		3605	egostama.	-	28.0	66.7
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1446		18.3	3620	-		29.1	66.5
	0.100 2		<u> </u>	Pl	JRGING DA	.TA				
3 WELL VOLUMES	6.85	CLEA	R CONDIT	D WES	T WIN.	D, 81°				
PURGE DATE	9.8.16	ŧ	APPEARAN	•	で <i>、で</i> で R:	000	R			
END OF PURGE TIME	1446	СОММЕ	NTS:		•					
PURGE AMOUNT	7.GALS									
DTW (FEET)	10.30									
				SA	MPLING D	ATA				
SAMPLE DATE	9.8.16	CLE	ER CONDIT	LALM,	కర్తం					
DTW (FEET)	9.57	CLE		10 QD CE\ODO						
SAMPLE TIME	1100	COMME COLLE		FBO90	1816 @	1500		LECTE	DUP	02
SAMPLE ID	TIME	•	CONTAINE		SAMPLE LO	G JMBER OF	CONTAINE)e	PRESERVAT	:I\/⊏
MKTF-3			40 ML		INC	DIVIBLE OF		13	14L	
111011	\		40 ML			3			HCL	
			1LAN	BER		1			NEAT	
			250 M	LAMBE	R	1			NEAT	•
	/_		500 M	_/125 H	1L PLAST	ric 2			HNO-	S
	/_		125 M	L PLAS	STIC	<u> 1</u>			H250	کــــــــــــا
<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>				1L PLA		1_		*.	NEAT	
INSTRUMEN	TS USED	GEOTE YSI			ACE 19	ROBE				
		1 ~ Jak	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							

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WEI	L ID		www.iiii.a.a.ii			TEST PA	RAMETERS	3			
MKTH	F-40	Volumes	TIME	На	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)	
GAUGE DATE	9.8.16	Initial	6.47	6.86	17.0	12850			56.8	89.4	
GAUGE TIME	1435	1	1649	7.12	163	6235		*imp	62.2	82.9	
DHC (FEET)	ND	2	1651	7.12	15.8	9239			61.2	89.4	
DTW (FEET)	13.52	3	1653	7.02	15.2	10950			59.0	94.6	
DTB (FEET)	23.67	4	1655	7.03	14.9	11715		-	58,Z	97.2	
DTB - DTW	10.15	5	1657	6.99	14.6	13672		حسن	54.5	=101.3	
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1659	7.03	14.3	15129			46.7	[03.3	
	PURGING DATA										
3 WELL VOLUMES	4.96		ER CONDIT		40						
PURGE DATE	10.10 CLEAR - JGREY ING ODGIO										
END OF PURGE TIME	1659	COMMENTS:									
PURGE AMOUNT	5 GALS										
DTW (FEET)	5 GALS 20.48										
				SA	MPLING DA	ATA					
SAMPLE DATE	9.8.16		ER CONDIT AR CAL		0						
DTW (FEET)			APPEARAN EY, NC NTS:	•							
SAMPLE TIME	1730	COMME	NTS:								
					SAMPLE LO						
SAMPLE ID	TIME		CONTAINE		NU	JMBER OF (CONTAINE	RS	PRESERVAT	IVE	
MKTF-L	10 1730		40 ML V			<u>6</u>			HCL		
			<u>1 LAM</u> 250 ML		: D	1			NEAT NEAT		
			250 ML 500 ML			- 1			HNO3		
			125 ML			1			HNOZ		
			125 ML	-		1			H2504		
\checkmark	1		500 ML			1			NEAT	=	
INSTRUMEN [*]	TS USED .	GEOTE		VTERF	ACE PR	208E			. , , ~ , (
		1 Jal	<u> </u>	<i></i>							

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WEI	_L ID					TEST PA	RAMETERS	3				
MKTF	-28	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)		
GAUGE DATE	9.8.16	Initial	1224	7.44	22.9	2419	•		63.7	76.8		
GAUGE TIME	1212	1	1226	7.45	22.4	2363	·		66.1	77.7		
DHC (FEET)	ND	2	1227	7.46	22.2	2466			60.6	81.9		
DTW (FEET)	6.40	3	1229	7.42	<i>22</i> .0	2685	Variation (Control of Control of		50.9	84.4		
DTB (FEET)	16.18	4	1231	7.37	21.9	2786	-		49.1	85.4		
DTB - DTW	9.78	5	1232	7.55	21.6	2916	•		39.7	86.6		
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1235	7.48	21.5	3075	P _{rocess} ures	Approximation in the contract of the contract	32.4	88.6		
	PURGING DATA											
3 WELL VOLUMES	UMES 4.78 CLEAR, WEST WIND, 79°											
PURGE DATE	9.8.16	WATER	APPEÅRAN	ICE / ODO	R: T BROW		000f					
END OF PURGE TIME	1235	1235 COMMENTS:										
PURGE AMOUNT	5 GALS											
DTW (FEET)	12.80											
				SA	MPLING D	ATA			4.00	No.		
SAMPLE DATE	9.8.16	CLE	ER CONDIT AR 、W	est v	T ONIU	90		A Alexander				
DTW (FEET)	12.80	LIC		-	r: <u>No o</u> d	OR						
SAMPLE TIME	1300	СОММЕ	ENTS:									
			001/2411		SAMPLE LO		CONTAINE	50	DDECED\/A7	-1. / [-		
SAMPLE ID MKTF-2	TIME 28 130		CONTAINE 40 M		N	JMBER OF	CONTAINE	СЭ	PRESERVAT HCL	IVE		
1-1151	<u>.0 130</u> \	U		MBER			·		NEAT			
				1L AME		1			NEAT			
				AL PLAST		1			HNOZ			
				1L PLAS		1			HNO3			
				L PLAS		1		-	H2504			
¥	Y			L PLAS		1			NEAT			
INSTRUMEN	ITS USED	GEOT			ACE PR	OBE						
			PRO									

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SIGNATURE:

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WEI	LL ID	TEST PARAMETERS								
MKTF-	01	Volumes	TIME	рΗ	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
	9.7.16	Initial								
GAUGE TIME	1123	1								
DHC (FEET)	7.12	2		DID	NOT S	AMPLE	_			
DTW (FEET)	8.62	3		1	50' oF					
DTB (FEET)	17.53	4								
DTB - DTW	NA	5				. , =		:		
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				P	URGING DA	ιTΑ				
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE		WATER /	APPEARAN	ICE / ODO	R:					
END OF PURGE TIME		СОММЕ	NTS:							
PURGE AMOUNT										
DTW (FEET)										
		•		SA	AMPLING D	ATA				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME		COMME	NTS:		,					
				Ç	SAMPLE LO	G				**************************************
SAMPLE ID	TIME		CONTAINE	R TYPE	Nι	JMBER OF	CONTAINE	RS	PRESERVAT	VE
									·····	
NOTE:	TOLICES									
INSTRUMEN	IS USED	GEOT	ECH]	INTER	FACE	PROBE				

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WE	/ELL ID TEST PARAMETERS Temperature Conductivity Dissolved										
MKTF-	07	Volumes	TIME	pН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved	ORP (mv)	
GAUGE DATE	9.7.16	Initial	1038	7.55	16.9				Oxygen (%)	_111 73	
GAUGE TIME		1	_			2607	حاسيسان	Apprinterior .	25.3	-14.3	
DHC (FEET)	1025	2	1044	7.39	14.4	1350			19.8	-46.4	
, ,	ND	.	1053	7.46	13.0	3518			27.6	-63.2	
DTW (FEET)	20.8.29	3		BAIL	ED DO	WN @ 1	8				
DTB (FEET)	20.41	4									
DTB - DTW	12.13	5									
CAPACITY PER	0.74 - 4"	6									
FOOT	0.163 - 2"			D.	IDOING DA	77.4					
		MEATUR	D OONDIT		JRGING DA	NIA .					
3 WELL VOLUMES	26.93		ER CONDIT M, CLO		. 0 2						
	20.10		APPEARAN								
PURGE DATE	9.7.16			•		BIN P	INK-B	ROWN,	2000		
END OF		СОММЕ	NTS:		•						
PURGE TIME	10:53	131	AILED 7	DOWN G	2/8 GA	LLONS .	- NO RE	COVERY	IN BA	ILER	
PURGE AMOUNT	18.										
DTW (FEET)	20.00										
				SA	MPLING D	ATA					
SAMPLE DATE	1	WEATHE	R CONDIT	IONS:					, , , , , , , , , , , , , , , , , , , ,		
SAMIFLE DATE	9.7.16		LM CI								
DTW (FEET)			APPEARAN	•							
	17.35	COMME	EAR -	· PINI	K BRO	$\omega \sim 10$	DOR				
SAMPLE TIME	1545	COMME	INIO.								
				9	SAMPLE LO	G					
SAMPLE ID	TIME		CONTAINE		N	JMBER OF	CONTAINE	RS	PRESERVAT		
MKTF-			40 ML			6			144		
 	154	5	40m		P	<u> </u>			HC)		
				<u>AMBE</u> LAMBE		<u>1</u>	<u> </u>		NEA NEA		
					ML PLACE	itic 2			HNO		
				PLAS		1			1725		
V	V			_ PLAS		1	-		NEA		
INSTRUMEN'	TS USED				RFACE	: PRO	BE				
		YSI.	PRO I	<u>)55</u>		·					

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WEI	LL ID					TEST PA	RAMETERS	3				
MKTF	_24	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)		
GAUGE DATE	9.7.16	Initial	0846	6.74	14.0	130.4			16.5	101. /		
GAUGE TIME		1				•			16.9	106.6		
DHC (FEET)	0833	2	0850	6.86 7.82	12.8	3630	Agranda Maria		23.8	77.5		
, ,	<u> </u>		0854		19	3511			2 3.0	70.2		
DTW (FEET)	22.69	3	BAIL	ED DR	7 @ 3.	5 GAL	225					
DTB (FEET)	30.82	4										
DTB - DTW	8.13	5										
CAPACITY PER	0.74 - 4"	6		"								
FOOT	0.163 - 2"											
					JRGING DA	ATA						
3 WELL	200		ER CONDIT		. 0							
VOLUMES	3.98 CALM CLOUDY 66° WATER APPEARANCE / ODOR:											
PURGE DATE	WATER APPEARANCE / ODOR: 9.7.16 CLEAR -> CLOUDY PINK BROWN - NO ODOR											
END OF	1.1.10	17.16 CLEAR -> CLOUDY PINK BROWN - NO ODOK										
PURGE TIME	0900											
PURGE												
AMOUNT	3.50											
DTW (FEET)	30.80											
				SA	MPLING D	ATA						
SAMPLE DATE			R CONDIT									
SAMPLE DATE	9.7.16	CAL	M, CLOU	DY, 6	6°							
DTW (FEET)		WATER A	APPEARAN	CE / ODO	R:							
, ,	25.90			LOUDY	PINK	4- BROL	<u> </u>	o opor				
SAMPLE TIME	0945	COMME		F200	07116	0015	2					
	0145	COLL	ECTED		SAMPLE LO		e THIS	WELL	-SAME	SUTTE		
SAMPLE ID	TIME	,	CONTAINE			JMBER OF	CONTAINE	RS	PRESERVAT	IVE		
MKTF-2			40 ML			6			HCL			
1	1 40 ML VOA 3 HCL											
			11 4	MBER		1_			4			
		250	245 M									
$\vdash\!\!\!\!-\!\!\!\!\!\!-\!$					ML PLA	5TK Z			HNO-			
 			125 M		ASTIC	<u> 1</u>			H _Z SC) -)		
INSTRUMEN	TS USED	0E^-		ML PU		Dener	·-					
	. 5 5525				KFALE	PROBE	<u> </u>					
	YSI PRO DSS											

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WEI	LL ID					TEST PA	RAMETERS	S		
MKTF	-26	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.7.16	Initial								
GAUGE TIME	1110	1								
DHC (FEET)	9.44	2		DID	NOT	MAR	PLE			
DTW (FEET)	10.81	3		1.3	37' OF	HC .	IN WE	LL		
DTB (FEET)	16.91	4	·							
DTB - DTW	NA	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				PI	URGING DA	TA				
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE		WATER /	APPEARAN	CE / ODO	R:					
END OF PURGE TIME		СОММЕ	NTS:							
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING DA	ATA				
SAMPLE DATE	-	WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER A	\PPEARAN	CE / ODO	R:					
SAMPLE TIME		COMME	NTS:							
				5	SAMPLE LO	G			- ***	
SAMPLE ID	TIME		CONTAINE	R TYPE	NU	IMBER OF	CONTAINE	RS	PRESERVATI	VE
				· · · · · · · · · · · · · · · · · · ·						
INSTRUMENT	IS USED .	GEO.	TECH .	INTE	RFACE	PROF	36			

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WE	LLID					TEST PA	RAMETERS	3		
MKTF-	27	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	9.7.16	Initial	1203	7.02	19.0	9036			<i>35.</i> 2	83.2
GAUGE TIME	1145	1	1207	7.03	18.0	9109		444	31,2	81.4
DHC (FEET)	ND	2	1210	7.02	17.9	9215	-	· ·	22.7	82.9
DTW (FEET)	8.06	3	1213	7.05	17.8	9225		to the second	20.5	82.6
DTB (FEET)	14.47	4								
DTB - DTW	6.41	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				Pl	JRGING DA	TA	******	·		
3 WELL VOLUMES	3.13		ER CONDIT		740					
PURGE DATE	9.7.16	WATER .	APPEARAN	CE / ODO	R: 40 9701	ર				
END OF PURGE TIME										
PURGE AMOUNT	3.25									,
DTW (FEET)	12.70									
				SA	MPLING D	4TA				
SAMPLE DATE	9.7.16		R CONDIT		1, 78°					
DTW (FEET)	12.50				R! 10 ODOR					
SAMPLE TIME	1300	СОММЕ	NTS:							
					SAMPLE LO					
SAMPLE ID	TIME 730 750		CONTAINE		NU	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-	27 130			_ VOA AMBEI	R	<u>6</u> Z			HCL	
				L AME		1			NEAT	
	1			L PLA		2	1		HNO	
			125 M	IL PLA	STIC	1			HNO:	
	/_		125 N		STIC	<u> </u>			14250	
WINDER IN THE	V				ASTIC	1			NEAT	r
INSTRUMEN	IS USED				RFACE	PROB				
	<u> </u>	۲ ٦.	I PRO	<u> </u>)					
············										

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WE	LL ID			the content with the content to the		TEST PA	RAMETERS	3			
MKTF	-29	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)	
GAUGE DATE	9.7.16	Initial	1347	7.64	19.8	1105	R. Control		35.8	25.8	
GAUGE TIME	1335	1	1350	7.59	18.6	2463			30.9	12.6	
DHC (FEET)	ND	2	1352	7.51	17.3	2479	to the same of the		23.1	Z.6	
DTW (FEET)	4.52	3	1356	7.48	16.7	2457	and the same of th		17.0	-1.3	
DTB (FEET)	22.82	4	1359		16.9	2446			20.0	-z.3	
DTB - DTW	18.30	5	1402	7.47	17.0	2433	*** The production of the contract of the cont		19.5	-1.B	
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6									
				PI	URGING DA	TA					
3 WELL	_	WEATHE	R CONDIT	IONS:	V	***					
VOLUMES	8.94	LI	GHT H	IND -	WEST	- CLOL	IDY - E	30°			
PURGE DATE	9.7.16		APPEARAN _EAR ->	•		w N —	NO 0	DOR			
END OF PURGE TIME	9.7.16 CLEAR > PINK BROWN - NO ODOR COMMENTS: 140Z BAILED 9 GALS										
PURGE AMOUNT	9 GALS										
DTW (FEET)	8.28										
<u> </u>				SA	MPLING DA	\TA			***************************************		
SAMPLE DATE	9.7.16		R CONDITI		IEST -	CLOUD	v -80	0	<u> </u>		
DTW (FEET)	4.75	WATER A	APPEARAN	CE / ODO	R: < NC						
SAMPLE TIME	1435	COMME	NTS:		P01 A			(LL			
CAMPLEID	TIAAC			S	SAMPLE LO	G					
SAMPLE ID MKTF-2	TIME 9 143		CONTAINEI 40 ML		NU	IMBER OF (CONTAINE	RS	PRESERVATI	VE	
11/11/2	<u>, , ,-,-,</u>	<u> </u>		AMBE	R	1			HCL NEAT		
				IL AME		1			NEAT		
			500 M	IL PLA	STIC	1			HNO3		
					ASTIC				HN03		
					STIC	<u> 1</u>			H2504		
INSTRUMENT	IS LISED	0			STIC	1			NEAT		
INOTROMEN	- 		ECH J PRO I		FACE	ROBE	-				

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WE	LL ID	урастиковником вывания	COMMONWEALTH WAS A STREET OF THE STREET OF T			TEST PA	RAMETERS	3					
MKTF	-30	Volumes	TIME	рН	Temperature	Conductivity	TDS (g/L)	Salinity (ppt)	Dissolved	ORP (mv)			
GAUGE DATE	9.7.16	Initial	1321	7.22	Degrees C	(mS)			Oxygen (%)	<i>C</i> 1 11			
GAUGE TIME		1				4648			22.2	91.4			
DHC (FEET)	1315 ND	2	1323	7.21	16.6	4728 4890				21.5			
DTW (FEET)		3							23.0	21.5			
	15.48		1330	וכו	ILED	DRY @	3,56	ALS					
DTB (FEET)	23.15	4											
DTB - DTW	7.67	5											
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6											
	0.100 2			PI	L URGING DA	II ATA				<u> </u>			
3 WELL		WEATHE	ER CONDIT							****			
VOLUMES	3.75				19°								
PURGE DATE		WATER .	VALM, CLOUDY, 79° VATER APPEARANCE / ODOR:										
	9.7.16		CLEAR > TURBID > MUDDY PINK-BROWN OMMENTS:										
END OF PURGE TIME	1330	COMME	OMMENTS:										
PURGE AMOUNT	3.50												
DTW (FEET)	22.86												
				SA	MPLING D	ATA							
SAMPLE DATE			R CONDIT			31							
OAMI LE BATE	9.7.16	CAL	m, clc APPEARAN	Y Y TY	76°								
DTW (FEET)	15.53					200							
		COMME		GKAY	- NO C	DOK							
SAMPLE TIME	1615	001111112											
					SAMPLE LO								
SAMPLE ID	TIME		CONTAINE		N	JMBER OF (CONTAINE	RS	PRESERVAT	IVE			
MKTF-3	30 1615	5	40 ML			6			HCL				
			-	_VOA	<u> </u>	3			HCL				
				MBER		<u>1</u>			NEAT				
			250 M						NEAT				
 	/-				ML PLAS	1			HNO3	,			
	1/-			L PLA		<u> </u>			1+2501	<u> </u>			
INSTRUMEN	TS USED	GEA:		PLA		DC 05			NEAT				
"40 I KOMEN	ים טטבט				KFACE	PROB	E						
		127	PRO	122		· · · · · · · · · · · · · · · · · · ·							
l													

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WEI	LL ID				<u>Openia e monte de la companya de la</u>	TEST PA	RAMETERS	3		
MKTF.	-29	Volumes	TIME	pН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.28.16	Initial	1032	7.47	16.4	2473	مستعد	C	67.8	41.5
GAUGE TIME	1025	1	1034	7.49	16.6	2373			29.9	41.6
DHC (FEET)	ND	2	1037	7.44	16.9	2374			20.4	42.4
DTW (FEET)	3.10	3	1040	7.44	16.9	2266		-	23.1	42.6
DTB (FEET)	22.82	4	1043	7.44		2375		ecusora.	25.0	49.9
DTB - DTW	19.72	5	1046	7.43	16.9	2377		والتناولي	25.1	44.4
CAPACITY PER	0.74 - 4"									_
FOOT	0.163 - 2"	6	1049	7.42	16.9	2374			38,2	44.2
3	5.21				JRGING DA	TA		•		
3 WELL VOLUMES	9.64		ER CONDIT		5 /00	•				
VOLUMES		WATER	APPEARAN	ICE / ODO	10, 69° R:					
PURGE DATE	10.28.16					NDY, LT	BROWN	7		
END OF PURGE TIME	1049	COMME								
PURGE AMOUNT	9.75									
DTW (FEET)	10.50									
				SA	MPLING D	ATA		4.000		
CAMPLE DATE	10.28.16	WEATH	R CONDIT	IONS:						
SAMPLE DATE	956		NE AS							
DTW (FEET)	3.20		APPEARAN AR N	-						
	3,20	COMME		000						
SAMPLE TIME	1140			-B1028	16@110	5. EDE	ECOLO	ECTED	DUPO	1
				9	SAMPLE LO	G ′				
SAMPLE ID	TIME		CONTAINE	R TYPE	N	JMBER OF	CONTAINE	RS	PRESERVAT	TVE
MKTF-2	9 1/4	O	40 ML			6			HCL	
				MBER		2				
			250 ML			1			LIAM	
		i .	500 ML			1			HNO3	
			125 ML			<u></u>			HNOZ	
			125 ML			<u></u>			H2504	
	V		500 ML	FLAST	/ <u>C</u>	7_			-	
INSTRUMEN	TS USED	GEOTE	CH IN	TERFAC	E PROF	SE, YE	I PRO	PLUS		

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WEL	LID	and the second second				TEST PA	RAMETERS	3		
MKTF-	.27	Volumes	TIME	pН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.28.16	Initial	1230	7.12	18.6	8617			85.7	125.1
GAUGE TIME	1225	1	1232	7.05	17.2	8831	-		54.1	126.2
DHC (FEET)	ND	2	1234	7.06	17.1	8986		***	43.8	129.9
DTW (FEET)	8.10	3	1236	7.05	17.0	8980	-		39.4	128.1
DTB (FEET)	14.73	4				i				
DTB - DTW	6.63	5								
CAPACITY PER	0.74 - 4"	6								
FOOT	0.163 - 2"			PI	JRGING DA	TA	******		****	
1.0 3 WELL		WEATH	ER CONDIT				0 _			
VOLUMES	3.24					IND,	15, P	LRTLY (CLOUDY	
PURGE DATE	10.28.16		APPEARAN	-						
END OF		COMME	EAR, NO	0001						
END OF PURGE TIME	1236	001111112								
PURGE AMOUNT	3.25									
DTW (FEET)	11.40									
				SA	MPLING D	ATA				
SAMPLE DATE	10.28.16		ER CONDIT							
DTW (FEET)			APPEARAN							
Divi (i LLi)	11.40		EAR / N	70 OD	<u> </u>					
SAMPLE TIME	1255	COMME	:0171							
					SAMPLE LO					
SAMPLE ID	TIME		CONTAINE		N	JMBER OF	CONTAINE	:RS	PRESERVA	ΓIVE
MKTF-2	27 125	<u> </u>	40ML			6			HCL	
<u> </u>			1 L A1		2	<u> 1</u>			NEAT	
			250 MC			A			NEAT HNO2	
			SOO ML						HNOZ	
			25 MC			<u></u>				
			25 ML			1			H2504 NEAT	
-	<u> </u>		500 MC	- PLAS	110	<u> </u>			VERI	
INSTRUMEN	ITS USED	GEOT	ECH I	NTERF	ACE P	ROBE,	YSI F	Ro PLus		
					****			The state of the s		

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WE	LL ID					TEST PA	RAMETERS	3		
MKTF	-18	Volumes	TIME	pН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE		Initial	10.11	7,60	21.4			water		108.4
GAUGE TIME	10.28.16	1	1346			2621	_		92.6	
	1340		1348	7.59	21.2	2530			67.2	111.3
DHC (FEET)	ND	2	1350	7.49	21,2	2603	gation.		57.4	110.4
DTW (FEET)	9.26	3	1351	7.46	21.2	2610	والتعيث	·	48.8	110.9
DTB (FEET)	16.15	4	1353	7.46	21.2	2610		 .	46.7	109.1
DTB - DTW	6.89	5	13.55	7.45	21.7	662611		1.00mm	44.5	110.0
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1357	7.45	21.2	2615	NO. PORTO CONTRACTOR AND ADDRESS OF THE PORTO CONTRACTOR AND ADDRE	-	43.8	110.2
	1.12			Pl	JRGING DA	TA				
3 WELL			R CONDIT		***************************************					
VOLUMES	3.36	Pal	RTLY CI	LYQUOL	SOUTH I	MIND,	14			
PURGE DATE	10.28.16	WATER .	APPEARAN	ICE / ODO	R:		_	20.50)		
	•	COMME		NO O	00° ->	> 6100	D4 ; B1	SOMIN		
END OF PURGE TIME	1357	COMME								
PURGE AMOUNT	3,5									
DTW (FEET)	13.20									
				SA	MPLING DA	ATA				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
SAMPLE DATE	10.28.16		ME AS	""						
DTW (FEET)	(3.20		APPEARAN			שטעע				
	•	COMME		PKOWY	1, 400					
SAMPLE TIME	1415	OOWIIVIL								
					SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	NU	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-29	B 1415		40 ML			6			HCL	
			1LAI						NEA7	
			250ML						NEAT	
				PLAST		<u> </u>			HNO3	
			• • • • • • • • • • • • • • • • • • • •	- PLAST		<u> </u>			HNOZ	
 			125 ML			<u> </u>			H2504	
	<u> </u>	•	500 ML	. MAST	<i>1</i> · ·				NEAT	
INSTRUMEN	TS USED	GEO	TECH I	NTERF	ACE PR	OBE Y	SI PO	ORUS		
	,									
					<u> </u>					

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WE	LL ID					TEST PA	RAMETERS	3		
MKTF	-24	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.28.16	Initial	0803	7.01	12.8	3335		-	25.7	118.8
GAUGE TIME	0755	1	0806	6.94	12.8	3420			320	97.5
DHC (FEET)	ND	2	0809	6.97	12.7	3427	-	Name of the last o	ZO.4	86.6
DTW (FEET)	22.34	3	0812	6.99	12.7	3320			22.4	75.5
DTB (FEET)	30.76	4			D DRY	<u>ම</u> 3,5	GALLO	20		
DTB - DTW	8.42	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
	1.37			Pl	JRGING DA	TA				
3 WELL VOLUMES	_		ER CONDIT いひょ、 <u>C</u> APPEARAN		190					
PURGE DATE	10.28.14	CLOUT	DY, PIN		K:					:
END OF PURGE TIME	0815	COMME	NIS:							
PURGE AMOUNT	3.5									
DTW (FEET)	30.51									
					MPLING D	ATA				
SAMPLE DATE	10:28:16		R CONDIT		MIND					
DTW (FEET)	22.60		APPEARAN	•						
SAMPLE TIME	15∞	COMME	NTS:							
•				S	AMPLE LO	G				
SAMPLE ID MKTF-2	TIME 24 <i>1506</i>		CONTAINE 40 ML		NU	JMBER OF 0	CONTAINE	RS	PRESERVAT	IVE
1	1		1LA	MBER		1			NEAT	
				LAMB		1			NEAT	
				_ PLAS		1			HNOZ	
				. PLAST					4N0s	
			<u>/25 ML</u> 500 ML	,					4 <u>2.504</u> VEAT	
<u> </u>			JUU PIL	<u> -L+13 </u>	,				ven i	
INSTRUMEN	TS USED .	GEO	TECH I	NTEFAC	E PROB	E, 45	I PRO	PLUS		
								·		
									~~~	

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WEI	LL ID			eenne in minnessi (eenneesses colog)		TEST PA	RAMETERS	3		
MKTF.	-02	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.28.16 MKTF 02	Initial	0903	7.34	Degrees C 14.3	2775		garante-	26.2	34.4
GAUGE TIME	0835	1	4090	7.24	14.05	2818				27.0
DHC (FEET)	ND	2	0909	7.29	14.1	2923		gramman da sa	7.7	13.0
DTW (FEET)	8.55	3	0912	7.29	14.0	3040		germania.	19.6	0.9
DTB (FEET)	20.50	4			ED DR		GALL	11/2	•	
DTB - DTW	11.95	5								
CAPACITY PER	0.74 - 4"	6			76	·				
FOOT	0.163 - 2"			DI	JRGING DA	ΤΛ				
8.	84	WEATH	R CONDIT		JRGING DA	· ·	-			
3 WELL VOLUMES	26.5		DY CAL		0					
DUDGE DATE		WATER.	APPĖARAN	CE / ODD	R:					
PURGE DATE	10.28.16	CLEA	2,000 R	<u> </u>	CLOUDY	L, PINK				
END OF PURGE TIME	0915	COMME		504						!
PURGE	- 110	<u>£</u>	BAILED	DRY			No. 1912			
AMOUNT	18									
DTW (FEET)	26.00						1.000			
				SA	MPLING D	ATA			*****	
SAMPLE DATE	10.20 1/2		R CONDIT			D				
	10.28.16	CLO	<u>UDY SC</u> APPEARAN	CE ( ODO	IND, 75					
DTW (FEET)	16.60		AR, ODO	•	11.					
SAMPLE TIME		COMME	· · · · · · · · · · · · · · · · · · ·							
ONIVII EL HIVIE	1530				SAMPLE LO	C				
SAMPLE ID	TIME		CONTAINE			JMBER OF	CONTAINF	RS	PRESERVAT	IVE
MKTF-C			40 ML			9	)		HCL	
				MBER		1			WEAT	
			250 ML		Billion VI V	1			NEAT	
			500 ML						HNO3	
<del> /</del>			SO ML			<u></u>			HNOS	
	<del>/-</del>		500 ML			1			H2504 NEAT	
INSTRUMEN	TS USED	GEOT	ECH II	NTERFA	ICE PR	OBE,	SI F	RO PLU	5	
									,	

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WEI	LL ID					TEST PA	RAMETERS	3		
MEEN	1KTF-01	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.28.16	Initial								
GAUGE TIME	1550	1								
DHC (FEET)	7.53	2		DII	NOT	SAMPL	E			
DTW (FEET)	<i>8</i> '88	3			ŀ			N WE		
DTB (FEET)	17.43	4								
DTB - DTW	NA	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
	0.103 * 2			l Pl	JRGING DA	TA				
3 WELL VOLUMES	,	WEATHE	R CONDIT		· · · · · · · · · · · · · · · · · · ·					
PURGE DATE		WATER A	APPEARAN	CE / ODO	R:					
END OF PURGE TIME		COMME	NTS:			0.1.14111111111111111111111111111111111				
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING D	<b>ATA</b>				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME	, , , , , , , , , , , , , , , , , , , ,	COMME	NTS:							
				9	SAMPLE LO	G				
SAMPLE ID	TIME	•	CONTAINE	R TYPE	N	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
INSTRUMEN'	TS USED	0	TENI 1	- ( - F		2085				
IN TO I ROIVILIN	IO OOLD	<u> </u>	IELH 1	NIEKI	FACE P					

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WEL	LL ID					TEST PA	RAMETERS	3		
MKTF-	-26	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.28.16	Initial								
GAUGE TIME	\555	1								
DHC (FEET)	9.36	2			DID	NOT S	AMPLE	-		
DTW (FEET)	10.75	3		1.39	FEET	OF HC	, IN \	WELL		
DTB (FEET)	17.16	4								
DTB - DTW	NA	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				PI	URGING DA	TA				
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE	:	WATER .	APPEARAN	CE / ODO	R:					
END OF PURGE TIME		СОММЕ	NTS:							
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING D	ATA				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME		COMME	NTS:							
				(	SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	N	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
		_								
INSTRUMEN	IS USED	GEO	TECH	LNTE	RFACE	PROB				

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WE	LL ID		***			TEST PA	RAMETERS	3		
MKTF-3	0	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.28.16	Initial	0957	7.20	16.9	4452		مسير_	35.6	46.0
GAUGE TIME	0950	1	0959	7.22		4575		NAMES AND ADDRESS OF THE PARTY	29.5	44.2
DHC (FEET)	ND	2	1001	7.19	16.6	4648		4	33.7	42.7
DTW (FEET)	15.70	3	1002	7.22	16.5	49322			42.6	42.5
DTB (FEET)	23.20	4	1003	7.23	16.4	4793		بالمسيي	2.9.5	41.3
DTB - DTW	7.5	5	1005	7.30	16.4	4673			44.0	40.4
CAPACITY PER	0.74 - 4"	6			ED D		3.5 6	LLONS		
FOOT	0.163 - 2"				JRGING DA					
O WELL	1.22	W/EATH	ER CONDIT		JIGHA DA					
3 WELL VOLUMES	3.67				IGHT S	SE WINI	5.55			
PURGE DATE		WATER	APPEARAN	ICE / ODO	R:					
	10.28.16			ODOR	-> cc	OUDY, PI	MICISH.	BROWN		
END OF PURGE TIME	1007	COMME	NTS:							
PURGE AMOUNT	3.5									
DTW (FEET)	22.80									
			****	SA	MPLING D	ATA				
SAMPLE DATE	10.28.16		R CONDIT		4D 75	9				
DTW (FEET)	15.67	WATER A	APPEARAN	CE / ODO	R:					
SAMPLE TIME	1630	COMME		<u></u>						
				S	SAMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	NU	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-3	0 163	0	40 M			9			HCL	
				MBER					NEAT	
				L PLAST		<u></u>			HNO	5
				LAME		<u></u>			NEAT	
				L PLAS					HNO3	
	/		125 M		•	<u> </u>			HZSO4 NEAT	
			7.10	- ,					, , , , , , , , , , , , , , , , , , , ,	
INSTRUMEN	TS USED	GEO	TECH ]	INTERI	FACE	PROBE	YSI	PROF	LUS	
									The state of the s	

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WEI	LL ID					TEST PA	RAMETERS	3		
MKTF-	40	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.31.16	Initial	1032	6.80	15.2	9120			123.3	240.0
GAUGE TIME	1025	1	1034	7.04	15.7	8644		ento processor de	65.5	225.5
DHC (FEET)	GN	2	1036	7.05	15.5	9529		. Named	65.8	223.0
DTW (FEET)	13.576	3	1038	7.05	15.4	10543	-	Tempenny	61.6	222.4
DTB (FEET)	23.63	4	1040	7.02	15.1	11896			559.1	222.9
DTB - DTW	9.87	5	1042	7.02	15.1	11950	<u> </u>	Name of the last o	58.7	224.4
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	10 44	7.01	15.0	12506	-	Learning.	53.6	224.1
/.	61			Pl	JRGING DA	TA				
3 WELL VOLUMES	4.82	CLE	R CONDIT AR, STR APPEARAN	ONG S	SW WI	ND 63	Ð			
PURGE DATE	10.31.16		AR -> C	•		DOR				
END OF PURGE TIME	1044	COMME	NTS:							
PURGE AMOUNT	5 GAUS									
DTW (FEET)	20.65									
					MPLING DA	ATA			· · · · · · · · · · · · · · · · · · ·	
SAMPLE DATE	10.31.16		R CONDITION							
DTW (FEET)	20.65		APPEARAN	•						
SAMPLE TIME	1100	COMME	NTS:	-						
					AMPLE LO					
SAMPLE ID  MKTF-4	TIME			L VOA		JMBER OF	CONTAINE	RS	PRESERVAT	TIVE
	1			AMBER IL AMI		<u> </u>			NEAT NEAT	-
				ML PL		1			HNOZ	
				IL PLA		1			HNOZ	
	<u> </u>		125 M		ASTIC STIC	1			H2SO4 NEAT	
			500 M	L PLA	7/10	<u> </u>			IVERI	
INSTRUMEN	TS USED .	GEOT	ECH :	INTER	FACE I	PROBE	Y.5T	PRO P	LUS	

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WE	LL ID				mkmagata-uuuron-kasononungo,myeragao	TEST PA	RAMETERS	3		
MKTF	-43	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.31.16	Initial	1136	6.11	15.2	50884		LOCALIST	31.4	231.5
GAUGE TIME	1130	1	1138	6.32	15.1	52237		and the same of th	22.2	208.2
DHC (FEET)	DN	2	1140	6.30	15.2	52736	Name of the last o	<b></b>	ZO.1	198.4
DTW (FEET)	5.12	3	1142	6.32	15.3	53545	600a-	التحرييية	19.5	191.5
DTB (FEET)	15,40	4	1144	6.33	15.4	54202		nii maa	18.0	187.2
DTB - DTW	10.28	5	1146	6.34	15.5	5470 Z		2000 TO	17.7	182.9
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1148	6.35	15.5	55110			20.1	179.7
1.68	)			Pl	JRGING DA	TA				
3 WELL			R CONDIT							
VOLUMES	5.02	PAR'	TLY CLI APPEARAN	SUDY, &	STROP	NG SW	WIND,	67		
PURGE DATE	10.31.16		earain Ear / N	•						
END OF PURGE TIME	1148	СОММЕ								
PURGE AMOUNT	5.25									
DTW (FEET)	8.50									
				SA	MPLING DA	ATA				
SAMPLE DATE	10.31.16	ME	R CONDIT	ABOVE	=					
DTW (FEET)	<b>%</b> .కం	WATER A	appearan Ear / N	CE / ODOI	R:					
SAMPLE TIME	1200	COMME	NTS:							
				S	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINE		NL	IMBER OF (	CONTAINE	RS	PRESERVAT	IVE
MKTE	.43 1200		40 ML						HCL	
	<del></del>	·		MBER AMBE	P	<u> </u>			NEAT	
			500 ML			<u> </u>			NEAT HNO-	
<del>                                     </del>				- PLAS		<u> </u>			HNOZ	
<del></del>	<del></del>			PLAS		1			H2504	
4	1		_	PLAS		1			NEAT	
INSTRUMEN ⁻	rs used -	GEOT	ECH I	NTERF	ACE PI	ROBE,	YSI I	Pro Pl	18	

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WE	LL ID		acio en revier estado en estad			TEST PA	RAMETERS	3		
MKT	F-42	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.31.16	Initial	1238	7.66	15.9	3274			29.0	145.9
GAUGE TIME	1230	1	1241	7.83	14.7	3940			19.1	139.7
DHC (FEET)	ND	2	1243	7.82	14.2	3908			16.2	143.9
DTW (FEET)	17.25	3	1245	7.85	14.0	3827		· production of the last of th	15.2	146.2
DTB (FEET)	33,20	4	1247	7.97	13.8	3893	**********	enders*	15.6	145.4
DTB - DTW	15,95	5	1250	7.97	13.7	3826		-	16.8	142.4
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	(253	7.96	13.6	3849	محص	Excitipatori	19.8	129,6
2.	60			Pl	JRGING DA	TA				
3 WELL VOLUMES			R CONDIT		STRONG	SW W	IND,7	20	ď	
PURGE DATE	כו ופיטו	CL	EAR, AC		R: <i>ER, OD</i>					
END OF PURGE TIME	1253	COMME	NTS: '		,					
PURGE AMOUNT	8.00									
DTW (FEET)	26.50									
				SAI	MPLING DA	\TA				
SAMPLE DATE	10.31.15		R CONDITI							
DTW (FEET)	26.50	WATER A	APPEARAN	CE / ODOF						
SAMPLE TIME	1310	COMME								
				S	AMPLE LO	G				
SAMPLE ID  MKTF-	TIME 42 1310		CONTAINER 40 MI	R TYPE _ VDA	NU	MBER OF 0	CONTAINER	RS .	PRESERVATI	VE
				AMBE					NEAT	
	<del></del>			1L AME		1			NEAT	
				11 PLA 11 PLA		<u></u>			HNO3 HNO3	
<del></del>	<del></del> }		125 1		STIC	<del></del>			Hz 50,	<u>.</u>
1	Ž			AL PL		1			NEAT	<b>1</b>
INSTRUMENT	S USED	GEOT	ECH :	INTER	FACE	PROBE	, YSI	PRO F	Lus	

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WE	LL ID					TEST PA	RAMETERS	3		
MKTE	-32	Volumes	TIME	рΗ	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.31.16	Initial	1340	7.72	15.7	2708			105.7	162.4
GAUGE TIME	1335	1	1343	7.78	149	2710		والتعييسيان	55.4	158.4
DHC (FEET)	ND	2	1345	7.76	14.0	2823		جسي	30.4	152.2
DTW (FEET)	14.16	3	1347	7.77	14.4	2983		مسيسه	22.1	159.4
DTB (FEET)	27.76	4	1349	7.81	14.2	2875			20.5	158.8
DTB - DTW	13.60	5	1351	7.81	14.1	2892	<b>Security</b>	-	20.9	158.1
CAPACITY PER	0.74 - 4"		1931	_						
FOOT	0.163 - 2"	6	1353	7.81	14.0	2910			318.2	158.4
2.	21			Pl	JRGING DA	TA				
3 WELL	6.65		R CONDIT			, .		0		
VOLUMES	0,4	WATER	APPEARAN	CE ( ODO	STRONG B.	5 JW 1	al Ne	75		
PURGE DATE	10.31.16		AR, NO	·						
END OF PURGE TIME	1353	СОММЕ		<i>-</i>						
PURGE	1220									
AMOUNT	6.75									
DTW (FEET)	22.30									
				SA	MPLING D	ATA				
SAMPLE DATE	10.31.16		R CONDIT		E					
			AE AS APPEARAN							
DTW (FEET)	22.30	ىك	EAR, N	0 000	Ř					
SAMPLE TIME	1415	COMME								
				S	SAMPLE LO	G	,			
SAMPLE ID	TIME	***	CONTAINE		NU	JMBER OF	_	RS	PRESERVAT	IVE
MKTF-3	32 1415	<u> </u>	40ML			5	<u>+3</u>		HCL	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	$\longrightarrow$		1 L AM				1		NEAT	
	· · · · · · · · · · · · · · · · · · ·		<u>250 ML</u>				<u> </u>		NEAT	
-			<u>500 ML</u> /25 ML			1			HNO3 HNO3	
	<del></del>		125 ML			<u> </u>			H2504	
	1		500 ML			<u> </u>			NEAT	
INSTRUMEN	TS USED	GEOT	ECH I	NTERI	FACE F	ROBE,	YSI F	PRO PLU	5	
					***					
								and the second s		

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WE	LL ID	451500				TEST PA	RAMETERS	5		
MKTF	-41	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.31.16	Initial	1444	8.31	14.9	3219	<del>elicenson</del>	•	120.3	178.1
GAUGE TIME	1438	1	1447	8.28	13.8	3196	•	<b>Lecture</b>	\$54.9	175.2
DHC (FEET)	ND	2	1450	8.24	13.4	3185	emontume.		58,4	175.0
DTW (FEET)	20.00	3	1453	8.25	13.2	3175	, page	Managaman .	54.3	175.1
DTB (FEET)	39.72	4	1456	8.27	13.1	3167	-	******	52.7	174.9
DTB - DTW	19.72	5	1459	8.28	1.5.1	3169	مالتين		47.4	174.9
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1502	8.28	13.1	3166	<b></b>		35.0	174.8
3	.21			Pl	JRGING DA	ίΤΑ				
3 WELL	<b>A</b> . 1	_	R CONDIT							
VOLUMES	9.64	PAI	RTLY CL	OUDY,	STRON	<u>16 SW</u>	WIND	750		
PURGE DATE	10.31.16		APPEARAN	•		IGHT	BROWN	)		i
END OF PURGE TIME	1502	COMME	NTS:	io Osc		244	OKOG			
PURGE AMOUNT	9.75									
DTW (FEET)	33.63									
	55.07			SA	MPLING DA	ATA			·	
		WEATHE	R CONDIT							
SAMPLE DATE	10.31.16									
DTW (FEET)	31,75	WATER A	APPEARAN	CE / ODO	R:					
SAMPLE TIME	(540	COMME		EBIO	3116 @	1515 2	:HII 50	ITTF +	3XTRA	VDA
		Com	20100		SAMPLE LO		اب حدام		<u> </u>	8011
SAMPLE ID	TIME		CONTAINE	R TYPE	N	JMBER OF		RS	PRESERVAT	IVE
MKTF-4	1 154	0	40 ML			5+3	<b>.</b>		HCL	
				IMBER		<u> </u>			NEAT	
			250ML			<u> 1</u>			NEAT	
			<u>500 MI</u>			<u> </u>			HNOZ	
				- PLAS		<u> </u>			HNO3	
<del>/</del>	————		125 MI			<u> </u>			Hz.504	.,
<u> </u>	<u> </u>		500 ML	. MLAS	TIC				NEAT	
INSTRUMEN	TS USED	GEOT	ECH I	NTERF	ACE PI	ROBE,	YSI F	PRO PLU	S	

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WEL	LID	en e	en e			TEST PA	RAMETERS	3		
MKTF	-31	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10:31:16	Initial	7090	6.40	16.4	3022	tura esta esta esta esta esta esta esta est		32.1	137.7
GAUGE TIME	0902	1	0918	6,90	16.6	3572		-	17.2	122.2
DHC (FEET)	ND	2	0913	6.90	16.7	3571			16.0	118.6
DTW (FEET)	8.45	3	0916	6.98	16.丁	3520	<b>*********</b>	-	21.6	116.7
DTB (FEET)	22.40	4	0919	6,98	16.7	3490		égamén/™\$	21.6	115.7
DTB - DTW	13.95	5	0922	7.00	16.7	3465	*		21.0	114.9
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	0925	7.01	16.7	3454	<b>Q</b> 200,000-		25.9	114.7
2.2	27			Pl	JRGING DA	TΑ				
3 WELL VOLUMES	6.82		EAR L		MIND	50ີ				
PURGE DATE	10.31.16	WATER.	APPEARAN	CE / ODO	R: ( , <i>N</i> O C					
END OF PURGE TIME	0925	COMME								
PURGE AMOUNT	7.00									
DTW (FEET)	10. 15									
				SA	MPLING D	ATA				
SAMPLE DATE	10.31.10	i	er condit Ve as a	_						
DTW (FEET)	10.15	WATER CLOU	APPEARAN	ODOR	R:					
SAMPLE TIME	0945	COMME LOLL			m Du	IPOZ				
					SAMPLE LO					
SAMPLE ID	TIME		CONTAINE			JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-	<u>31 094</u>	<u>'5</u>	•	L VOA TER AI		<u>8</u>			HCI NEA	7
<del>-                                    </del>				IL AM		1			NEAT	
			500 M	_		1			HNO-	
			125 M			1			HNO	
			125ML			1	- 1		14250	4
V	k		500 M	L PLA	57/C	1			NEAT	-
INSTRUMEN	TS USED	GEO	TECH 3	ENTER	FACE I	PROBE,	Y.5.T	PRO F	PLUS	

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WEI	L ID	and an activities of the contract of the contr				TEST PA	RAMETERS	>		
MKTF-	44	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.31.16	Initial	0742	7.95	12.3	1895		-	97.9	212.6
GAUGE TIME	0735	1	0745	8.07	1Z.3	8881	مسي		71.5	201.7
DHC (FEET)	ďИ	2	0748	ଞ୍ଚ.ଠୀ	12.3	1922			69.9	201.7
DTW (FEET)	40.70	3	0751	8.09	12.3	1940		<b></b>	<b>65.8</b>	201.6
DTB (FEET)	51.18	4	0754	8.11	12.3	1968			63.6	200.9
DTB - DTW	10.48	5	0757	81.8	12.3	1855		فصيصين	44.3	198.9
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	0800	8.18	12.3	1875		and the second s	40.9	199.1
1.	71			PU	JRGING DA	TA				
3 WELL VOLUMES	5.12	CLEA	ER CONDIT	430						
PURGE DATE	10.31.16	WATER . CLビ	APPEARAN AR ラ C	CE \ ODO	R: Brown	, no od	oR .			
END OF PURGE TIME	0800	COMME	NTS:							
PURGE AMOUNT	5.25							.,		
DTW (FEET)	50.98					·				
				SA	MPLING DA	ATA				
SAMPLE DATE	11.1.16		ER CONDITION		EST WI	ND, 4	.5°			
DTW (FEET)	48.70	WATER .	APPEÁRAN AR, NO	CE / ODO	R:					
SAMPLE TIME	0745	COMME								
<u>,</u>				S	AMPLE LO	G			•	
SAMPLE ID  MKTE-4	TIME 4 0145		CONTAINE		N	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
1			1 L AM			1			NEAT	
			250 ML		\	1			NEAT	
				PLASTIC		1			HNO3	
			125 ML	PLASTI	<u>د</u>	1_	<del>,,</del>		HN03	
	<u> </u>			- PLASTI		1			H2504	
<u> </u>			500 ML	PLAST	ic	1			NEAT	
INSTRUMEN	TS USED	GEOT	ECH I	NTERF	FACE FI	ROBE,	YSI F	RO PLLE	<i>S</i>	

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WE	LL ID					TEST PA	RAMETERS			
MKTF	-25	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	10.31.16	Initial	0823	6.74	13.6	3050			57.0	148.7
GAUGE TIME	0817	1	0825	6,77	14.0	3119		Auggen2554	24.5	102.8
DHC (FEET)	ПD	2	08297		14.1	3216	•		<b>4</b> 17.9	24.7
DTW (FEET)	11.45	3	0829	6.82		3247			19.2	75.2
DTB (FEET)	19.85	4	0831	6.85	14.2	3267			23.2	68.4
DTB - DTW	8,40	5	0833	6.87	14.2	3266			24.1	62.2
CAPACITY PER	0.74 - 4"									
FOOT	0.163 - 2"	6	0835	6.89	14.2	3280	-		21.5	60.6
(.	34				JRGING DA	TA				
3 WELL	41 11		ER CONDIT		<b></b> 6					
VOLUMES	4.11	CLE	APPEARAN	CE ( ODO	<u>5°</u> ⊳.					
PURGE DATE	10.31.16	CLEA	R -> CL	OL/ ODO ODDY .	n. Pinicisi	+ Brow	N,OD	OR		
END OF		СОММЕ								
PURGE TIME	0835									
PURGE AMOUNT	4.25									
DTW (FEET)	11.97									:
				SA	MPLING D	ATA				
SAMPLE DATE	11.1.16		R CONDIT				0			
	11-11-12		JDY, L			MIND	45°			
DTW (FEET)	11.40		APPEÁRAN √R → PU	•						
		COMME		,	-					
SAMPLE TIME	820	COLLE	CTED T				.د			
			0017		SAMPLE LO	-	CONTAINE	20	DDEOED	1) /=
SAMPLE ID	TIME		CONTAINE		NU	ا S S	CONTAINE	₹S	PRESERVAT HCL	IVL
MKTF-2	5 082	<u>'</u>	FOHL 1LAM			<u>5t3</u> Z			NEAT	
				AMBER		1			NEAT	
				PLAST		1			HN03	
				_ PLAST		1			HNO3	
/				L PLAS		1			H2504	
1	V		500 M	L PLAS	STIC	1			NEAT	
IN COTTO	TO 11055							·- ·		
INSTRUMEN	IS USED	GEO	TECH .	INTE	R FACE	PROB	E, YS	I PRO	RUS	

COMPLETED BY: TRACY PAYNE

WEI	L ID					TEST PA	RAMETERS	3		
MKTF	-23	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.1.16	Initial								
GAUGE TIME	1112	1					·			
DHC (FEET)	14.80	2		NO	SAMPL	ES CO	LECTE	D		
DTW (FEET)	14.92	3		0.12		C DE			NELL	
DTB (FEET)	20.37	4								
DTB - DTW	NA	5								
CAPACITY PER	0.74 - 4" 0.163 - 2"	6								
	0.103 2			Pl	JRGING DA	TA				
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:			<del></del>			
PURGE DATE		WATER .	APPEARAN	CE / ODO	R:					
END OF PURGE TIME		СОММЕ	NTS:							
PURGE AMOUNT										
DTW (FEET)										
				SA	MPLING D	<b>ATA</b>				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME		COMME	NTS:							
				S	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	NU	JMBER OF	CONTAINE	RS	PRESERVAT	VE
		·								
									****	
INSTRUMEN [®]	TS USED	GEOT	rech i	NTER	FACE	PROBE	galar- pri dwa			
							<u> </u>			

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WEI	LL ID	Volumes TIME pH Degrees C (mS) TDS (g/L) Salinity (ppt) Dissolved ORP (mv)								
MKTF	-14	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.1.16	Initial								
GAUGE TIME	1116	1								
DHC (FEET)	7.45	2		No	SAMP	ES C	DUECT	ED		
DTW (FEET)	8.55	3			,			DIN	WELL	
DTB (FEET)	17.46	4								
DTB - DTW	NA	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
i i	0.100 2			Pl	JRGING DA	TA				L
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE		WATER /	APPEARAN	CE / ODO	R:					
END OF PURGE TIME		COMME	NTS:							
PURGE AMOUNT										
DTW (FEET)					·					
				SA	MPLING D	<b>NTA</b>				
SAMPLE DATE		WEATHE	R CONDIT	IONS:						
DTW (FEET)		WATER A	APPEARAN	CE / ODOI	R:					
SAMPLE TIME		COMME	NTS:							
				S	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	Nl	JMBER OF	CONTAINE	RS	PRESERVATI	VE
INSTRUMEN ¹	IS LISED	<u></u>			m *	<b>30</b> - 5 - 5				
HASTROMEN		UEOT	ECH J	LNIER	FACE I	-KOBE				
				-						

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WELL ID  TEST PARAMETERS  Volumes TIME pH Temperature Conductivity TDS (g/L) Salinity (ppt) Dissolved ORP (my)										
MKTF	-13	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.1.16	Initial								
GAUGE TIME	1121	1								
DHC (FEET)	14.01	2		NO	SAMP	LES C	OLLECT	ED		
DTW (FEET)	14.97	3		0.96				INV	VELL	
DTB (FEET)	21.22	4								
DTB - DTW	AN	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				PU	JRGING DA	TA		<del></del>		
3 WELL VOLUMES		WEATHE	R CONDIT	IONS:						
PURGE DATE		WATER /	APPEARAN	CE / ODOI	R:					
END OF PURGE TIME		COMME	NTS:							
PURGE AMOUNT										
DTW (FEET)										
-				SAI	MPLING DA	\TA				
SAMPLE DATE		WEATHE	R CONDITI	ONS:						
DTW (FEET)		WATER A	APPEARAN	CE / ODOF	₹:					
SAMPLE TIME		COMME	NTS:				14-4-11			
				S	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	NU	MBER OF	CONTAINER	RS	PRESERVATI	VE
INSTRUMENT	IS USED .	GEOTH	ECH I	UTERF	ACE P	ROBE				
			111111111111111111111111111111111111111							

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WE	_L ID			and the second of the second o		TEST PA	RAMETERS	3		THE RESERVE OF THE PROPERTY OF
MKTF	-12	Volumes	TIME	На	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.1.16	Initial								
GAUGE TIME	1127	1								
DHC (FEET)	19.33	2		No	SAMPL	ES CO	LLECTE	Đ		
DTW (FEET)	19.62	3				C DET		l 1	VELL	
DTB (FEET)	25.62	4								
DTB - DTW	NA	5								
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6								
				Pl	JRGING DA	TA			***************************************	
3 WELL VOLUMES		WEATHE	R CONDITI	ONS:						
PURGE DATE		WATER A	\PPEARAN	CE / ODO	R:					
END OF PURGE TIME		COMME	NTS:					,,,,,,,		
PURGE AMOUNT										
DTW (FEET)										
				SAI	MPLING DA	NTA				
SAMPLE DATE	-	WEATHE	R CONDITI	ONS:						
DTW (FEET)		WATER A	PPEARAN	CE / ODO	₹:					
SAMPLE TIME		COMME	NTS:							-
				S	AMPLE LO	G				
SAMPLE ID	TIME	(	CONTAINER	RTYPE	NU	MBER OF (	CONTAINER	RS i	PRESERVATI	VE
•										
				<del></del>						
							***************************************			
NSTRUMENT	S USED _	GEOTE	TH IN	TERFA	KE PR	ROBE				

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WE	LL ID			uliqabi — sa siyas saa ke maa Quraa sa maa		TEST PA	RAMETERS	3		
MKTF	-33	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.1.16	Initial	1038	7.10	13.2	· · · · · · · · · · · · · · · · · · ·	•			
GAUGE TIME	1027	1				1677			24.3	22.2
DHC (FEET)		2	1039	7.21	12.9	1693			7.8.8	24.4
	ND		1041	7.20	12.9	IOT	*****		34.0	22.1
DTW (FEET)	22.95	3	1043	7.24	12.8	1744	•		30.7	77.8
DTB (FEET)	33.23	4	1045	7.28	12.7	1725	<b>1</b>	4	25.7	24.2
DTB - DTW	10.28	5	1047	7.26	12.7	1756	- Carriera		21.9	25.2
CAPACITY PER		6	1049	7,25	12.7	1761	Security.		24.7	
FOOT	0.163 - 2"		, - , ,						27.1	27.7
1.6	8	134/E47: :-	-		JRGING DA	IA				
3 WELL VOLUMES	5.02	l	R CONDIT			<i>(</i> 40				
102011120	5.02	WATER	APPEARAN	ICE / ODOI	WIND,	64				
PURGE DATE	11.1.16	ł		•		0 0006	2			
END OF		COMME		0001, 1	114-3 14	0 0 5 6 .				
PURGE TIME	1049									
PURGE	Cac									
AMOUNT	5.25									
DTW (FEET)	28.25									
				SAI	MPLING DA	λTA		****		
SAMPLE DATE	11.1.16	WEATHE	R CONDITI	IONS:						
SAIVII LE DATE	11.1.10	PARTI	y Cloub	Y, SW	WIND, 6 R:	5°				
DTW (FEET)	23.00				₹: ´					
}			R, NO	ODOK						
SAMPLE TIME	1305	COMME		ERMA	MAP	1220				
		المالان	こして		AMPLE LO					
SAMPLE ID	TIME		CONTAINE			MBER OF C	CONTAINER	RS	PRESERVATI	VE
MKTF-33	3 130	5	40 ML	AON		5			HCL	
			1 LA			1			NEAT	
				- AMBE		1			NEAT	
				- Past		1			HNO3	
<del></del>				_ PLAS					HN03	
1				_ PLAST		1			H250L	ł
<i></i>			DOO M	_ F	<u> </u>	<u></u>			NEAT	
INSTRUMENT	TS USED	GEOTI	ECH II	NTERFA	LE PR	OBE Y	ST PR	o Plus		
						, ,				

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WEI	L ID					TEST PA	RAMETERS	3		
MKTF.	-22	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.1.16	Initial	1000	6.52	13.7	1820	<b></b>		61.6	46.6
GAUGE TIME	0953	1	1003	6.90	13.0	1755		Spine*	30,7	-28.8
DHC (FEET)	ND	2	1005	<b>€7.03</b>	12.6	1755	starms.	enterpo _{rente} sso	29.2	-42.9
DTW (FEET)	26.05	3	1008	7.10	12.5	1.801		402	21.3	-45.0
DTB (FEET)	35,62	4	1011	7.08	12.6	1003		-	18.0	- 46.0
DTB - DTW	9.57	5	1013	7.06	12,8	1797	******		16.1	-46.7
CAPACITY PER	0.74 - 4"	6								
FOOT	0.163 - 2"					DRY AT	4 GA	ا ا		
١. ٩	<u>56</u>	<del></del>			JRGING DA	NIA .				
3 WELL VOLUMES	4.68		ER CONDIT		William D.	0				
		WATER	<u>Y CLOUD</u> APPEARAN	CE / ODO	<del>WINU) :</del> R:	) t				
PURGE DATE	11.1.16		> CL							
END OF	-	COMME								
PURGE TIME	1013									
PURGE AMOUNT	4 GALS									
DTW (FEET)	35.01									
				SA	MPLING D	ATA				
SAMPLE DATE	11.1.16		R CONDIT		SW WIN	מר. מ	-			
DT4/ (FFFT)		WATER	APPEARAN	CE / ODO	R:	<del></del>				
DTW (FEET)	26.10		0, 101	DOR						
SAMPLE TIME	1355	COMME	NTS:							
				5	SAMPLE LC	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	N	UMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-2	2 135	5	40 ML			<u> </u>			HCL_	
<del>                                     </del>				AMBER		$\frac{1}{1}$	<del></del>		NEAT	
<b>—</b>			250 MI			<u> </u>			NEAT	
			500 MI			<u> </u>			HNO3	
<del>                                     </del>				PLAST		1			HNO3	
1/2				<u> Plas</u> L Plas		<u> </u>			H2504 NEAT	
<u> </u>										
INSTRUMEN	TS USED	GEOT	ECH I	NTERF	ACE PI	ROBE,	YSI	PRO PL	48	
						•				

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WE	LL ID			IDANIA SISTEMBO I PO ESCIPERA SE A SISTEMBO DE		TEST PA	RAMETERS	3		
MKTF.	_7 <u>8</u>	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved	ORP (mv)
GAUGE DATE	11.1.16	Initial	1847	6.88	18.5	2075			Oxygen (%)	1007
GAUGE TIME	1442	1	1450	6.78	18.1	2120		·	13.6	72.9
DHC (FEET)	ND	2	1453	6.88	17.8	2137	hammer?		17.8	59.9
DTW (FEET)	7.50	3	1455	6.93	17.8	2085	400000		14.0	56,1
DTB (FEET)	20,30	4	1457	6.94	17.8	2062		Name of the last o	14.0	53.5
DTB - DTW	12.80	5	1459	6.95	17.8	2028			16.0	51.1
CAPACITY PER FOOT		6	1501	6.9.5	17.7	2025			15.7	50.0
2	2.10	_		Pl	JRGING DA	TA	,			
3 WELL VOLUMES	6.25	PART	R CONDIT	LOUDY	, SW W	ND, 6	g°			
PURGE DATE	11:1:10		appearan Z -> Cu	•		-AINT (	ODOR			
END OF PURGE TIME	1501	СОММЕ	NTS:		,					
PURGE AMOUNT	6.25									
DTW (FEET)	9.00									
				SA	MPLING DA	ATA				
SAMPLE DATE	11.1.16		R CONDITI							
DTW (FEET)	9.00		APPEARAN	•						
SAMPLE TIME	1515	COMME		N, OD						
<u>,                                     </u>				s	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	NL	IMBER OF (	CONTAINER	RS	PRESERVATI	VE
MKTF-3	38 151	5	40 ML			5_			HCL	
·			1 L A			<u> </u>			NEAT	
.				_ AMBE		<u> </u>			NEAT	
<del></del>	<del></del>		500 M			<u></u>			HNO3	
<del></del>	<del></del>		125 MI			1			HNO3	
			125M			1 1			142SO4 NEAT	
									,	
INSTRUMEN ⁻	TS USED -	GEOTI	ECH IN	TERF.	ACE PR	OBE, Y	SI PR	O PLUS		

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WE	LL ID					TEST PA	RAMETERS	\$	2100	
MKTF-	39	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.1.16	Initial	1603	6,63	19.2	5509			22.0	-6.8
GAUGE TIME	15,56	1	1604	6.81	18.9	5643	-	Bengarina -	19.8	-42.2
DHC (FEET)	ИД	2	1606	6.96	18.9	5680		لتستيب	20.9	-56.5
DTW (FEET)	7.80	3	1607	6.93	18.9	5730		_	16.4	-65.1
DTB (FEET)	15.20	4	1608	6.97	18.9	5737		organisms.	12.7	-70.7
DTB - DTW	7.40	5	1610	7.00	18.9	57 25	_	-	13.0	-75.1
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1612	اه. ٦	18.9	5728	**************************************	<b>SANTALISM</b>	14.0	-78. ₆
I	.2			Pl	JRGING DA	TA				
3 WELL VOLUMES	3.6	PART	ER CONDIT	DY S	න <i>තාහ</i>	o, 70°				
PURGE DATE	11-1-16	WATER A	APPEARAN	CE / ODO	R: CLOUD					
END OF PURGE TIME	1612	СОММЕ	NTS:							
PURGE AMOUNT	3.75									
DTW (FEET)	9.20									
				SA	MPLING DA	<b>ATA</b>				
SAMPLE DATE	11.1.16		R CONDIT							
DTW (FEET)	9.20		APPEARAN		R: ODOR					
SAMPLE TIME	1625	COMME	NTS:							
				S	AMPLE LO	G				
SAMPLE ID	TIME <b>39 16</b> 2		CONTAINE	R TYPE L VOA	NU	IMBER OF (	CONTAINE	RS	PRESERVAT	IVE
				AMBER	ર	1			NEAT	
			250 H	MAJI	BER	1			NEAT	
			500 N	1L PLA	STIC	1			HNOZ	
/				1L PL		1			HN03	
				1LPL					H2504	
<b></b>	<u> </u>		5001	1L PU	ASTIC	1			NEAT	
INSTRUMEN	TS USED	GEOT	ECH I	LATER	FACE "	PROBE	YSI	PRO PI	<u> </u>	
								- Allendaria	7	

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WE	ELL ID			_		TEST PA	RAMETERS	3		
MKTE-	-11_	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.2.16	Initial	0839	6.63	14.0	4078			88.2	7.6
GAUGE TIME	0833	1	0842	7,00	16.5	4292	-		19.1	-72.8
DHC (FEET)	ND	2	0845	7.13	16.6	4620		Name of the last o	18.7	94,3
DTW (FEET)	8,65	3	0848	7.19	16.5	4770		COLUMN .	17.2	-96.0
DTB (FEET)	18.33	4	0851	7.14	16.4	4987			20,2	-91.6
DTB - DTW	9.68	5	6854	7.14	16.4	5009		***************************************	18,5	-86.7
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	0857	7.13	16.3	5175			20.0	-82.4
1	.16			Pl	JRGING DA	TA				
3 WELL VOLUMES	21.49		ER CONDIT		, CALM,	360				
PURGE DATE	11.2.16	WATER .	APPEARAN	ICE / ODO			2			
END OF PURGE TIME	0857	СОММЕ				•				
PURGE AMOUNT	22					•				
DTW (FEET)	14.55		٠.							•
				SA	MPLING DA	ATA				
SAMPLE DATE	11.2.16		ER CONDIT		IND, G	90				
DTW (FEET)	8.80	WATER A	APPEARAN	CE / ODO	R: ,					
SAMPLE TIME	1440	СОММЕ	NTS:		t, cou	LECTEI	FBI	10216	@ 150	Q
					AMPLE LO	**				
SAMPLE ID	TIME		CONTAINE		NU	JMBER OF (	CONTAINE	RS	PRESERVAT	IVE
MKTF-1	<u>(</u> )५५,		40 ML V			<u> 5</u> ユ			HCL NEAT	
			1 L A	AMBE	- R	1			NEAT	
			500 ML			<del>-</del>			14NO3	
				- PLAST		<del>-</del>			HN03	
				- PLAST		1			Hz 504	
$\downarrow$	o		500 M			1	*****		NEAT	·
INSTRUMEN	TS USED	GEOT	ECH I	NTERF	ACE PR	ROBE,	YSI PI	RO PLUS		

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WE	LL ID		oonistaana maanaa maasaa oo o			TEST PA	RAMETER	5		
MKTF-	୭୍ୟ	Volumes	TIME	На	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.2.16	Initial	0748	7,05	13.7	2176				33.6
GAUGE TIME	0740	1	0752	6.96	14.9		Tangarana and an and an	- differency	26.2	-685
DHC (FEET)	ND	2	0755		14.9	2325	e	-	30.0	-77.6
ł		3	<u> </u>	7.02	4	2356		'		
DTW (FEET)	10.40		0759	7,30	18:7	2240		<del>etterritatio</del>	21.7	-85.1
DTB (FEET)	22.20	4		BAIL	ED DRY	@ 14.5	6ALS			
DTB - DTW	11.80	5								
CAPACITY PER FOOT	<u> </u>	6								
	0.163 - 2"			Di	JRGING DA	ΤΛ				
	3.13 	IMEATH	R CONDIT		JAGING DA	IA.				
3 WELL VOLUMES	26.20	1	R, CALM,							
			APPEARAN		R:					
PURGE DATE	11-2.16	CLE	4R - 0D	DR - 5	HEEN					
END OF		COMME	NTS:		***					
PURGE TIME	0805									
PURGE AMOUNT	14.5					·				
DTW (FEET)	21.80									
				SA	MPLING DA	\TA				
SAMPLE DATE	11011		R CONDIT							
OAM LE BATE	11.2.16	CLOU	DY, SOU	ITH W	IND, G	,4°			·	
DTW (FEET)	0.55				R: ′					
}	10.33	CLEA	R, OD	OR						
SAMPLE TIME	1535			TSIDE	OF B	AILER				
		γ			AMPLE LO					
SAMPLE ID	TIME		CONTAINE	R TYPE	NL	MBER OF	CONTAINER	RS	PRESERVATI	IVE
MKTF-C	× 153	<u>5</u>	40 ML	AOV		<u>5</u>			HCL	
<u> </u>			1 LA			1_			NEAT	
			250 M			1			NEAT	
			500 M						<u>HN03</u>	
				L PLAST		1			<u>HN03</u>	
	<del>-  </del> ,	<u> </u>	125 MI		***************************************				H2504	
	<u>V</u>		500 MI	- PLAST	10	1			NEAT	25
INSTRUMEN ⁻	TS USED	GEOTE	ECH TAT	(ERFA/	E PROF	BE VS	T PRO	PLUS		
	•	ا مسوی	N. IV.	, man 1 ~ 1 - Va						

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WE	LLID					TEST PA	RAMETER	S		
MKTF.	-10	Volumes	TIME	рH	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.2.16	Initial	0932	6.55	16.2	Z452		Management	27.8	-40.9
GAUGE TIME	0926	1	0935	6.86	16.7	2469			21.2	-86.6
DHC (FEET)	СИ	2			e 6 6					
DTW (FEET)	8.25	3								
DTB (FEET)	16.08	4								
DTB - DTW	7.83	5								
CAPACITY PER	0.74 - 4"	6								
FOOT	0.163 - 2"			DI	IDCING DA	ΤΛ				
	79	MEATH	R CONDIT		JRGING DA	IIA				
3 WELL VOLUMES	17.38		LR CONDIT		0					
PURGE DATE	11.2.16	WATER .	APPEARAN	CE / ODO	R:					
	11.2.10			CLOUD	Y - PIK	KISH B	ROWN,	oper		
END OF PURGE TIME	0938	COMME	NIS:							
PURGE AMOUNT	6							ą.		
DTW (FEET)	15.85									
•				SA	MPLING DA	\TA				
SAMPLE DATE	11.2.16		R CONDIT		IND 6	, 6				
DTW (FFFT)		WATER A	APPEARAN	CE / ODO	R:					
DTW (FEET)	9.30		AR, 000	R						
SAMPLE TIME	1620	COMME	NTS:							
				S	AMPLE LO					
SAMPLE ID	TIME		CONTAINE		NL	MBER OF (	CONTAINE	RS	PRESERVATI	VE
MKTF-1C	) 1620	)	40 ML			<u>5</u>			HCL	
L			1 LA 250 M	MBER	<u> </u>	1			NEAT NEAT	
			500 M			<u> </u>			HNOZ	
			125 MI			<u> </u>			HNO3	
			125 MI			1			H2504	
$\overline{}$	$\overline{}$		500 M			1			NEAT	
INIOTELIA E	50.110.55									
INSTRUMENT	IS USED	GEOTE	ECH IN	TERFA	CE PRO	DBE, Y	SI PR	O PLUS		

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SIGNATURE:

<del>-</del>

WEI	LL ID					TEST PA	RAMETERS	3		
MKTF	-09	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.2.16	Initial	1007	6.81	14.6	1774			24.4	-8.5
GAUGE TIME	1002	1	1010	6.96	14.8	1817	er constant		0.0	-36.7
DHC (FEET)	ND	2	1013	7.06	14.6	1865	-		17.5	-55.%
DTW (FEET)	14.10	3	1016	7.04	14.6	1864	And the second second		18.5	<del>-</del> 67.7
DTB (FEET)	22.75	4	1019	7.06	14.6	1855	-	<u></u>	16,3	-74.1
DTB - DTW	8.65	5	1022	7.07	14.6	1821	<b>E</b>	Manage .	19.1	-77.5
CAPACITY PER FOOT	• 0.74 - 4" 0.163 - 2"	6		121	MLED T	D1710	16.5	-015		
***************************************	-				JRGING DA		1000		-	
. <b>ئ</b> 3 WELL	4 <b>03</b>	WEATH	R CONDIT							
VOLUMES	19.20		IR, CAL		•					
PURGE DATE	11 2.16	WATER A	APPEARAN	CE / ODO	R:					
FORGE DATE	11.2.16			or, s	HEIEN					
END OF PURGE TIME	1022	СОММЕ	NTS:							
PURGE AMOUNT	16.5									:
DTW (FEET)	21.22									
				SA	MPLING D	ATA				
CALADI E DATE		WEATHE	R CONDIT	IONS:						
SAMPLE DATE	11.2.16	CLO	DY, E	LST WI	ND					
DTW (FEET)	1412		APPEARAN		R:					
SAMPLE TIME		COMME		<u> </u>						
SAIVII LE TIIVIL	1655				AMBLELO					
CAMPILID	TIME		CONTAINE		SAMPLE LO	JMBER OF	CONTAINE	RS	PRESERVAT	IVF
SAMPLE ID  MKTF-C			40 ML		INC	5 5	CONTAINE		HCL	1 4 1
17/12-0	1 145			MBER		1			NEAT	
				IL AMB	ER	1			NEAT	
				L PLAS		1			HNOZ	
				L PLAS		1			HNOZ	
			125 M	LPLAS	MC	1			H250	
<b>V</b>	V		500 M	L PLAS	mc_	1			NEAT	-
INSTRUMEN	TO LIGED	1	-011 -T1		1- OOA	DE V	'GT OP	O Pur		
IINO I KUIVIEN	IS USED	GEOT 6	<u> </u>	ILKEN	UE MKC	DE, Y	OT LK	O PLUS		

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WE	LL ID					TEST PA	RAMETERS	3	· · · · · · · · · · · · · · · · · · ·	
MKTF.	-15	Volumes	TIME	Hq	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.2.16	Initial	11:01	6.45	17.1	10838			16.8	-19.1
GAUGE TIME	1056	1	11.03		17.1	11142	-	economica discolar	24.2	-51.1
DHC (FEET)	ND	2	11:05	6.65	17.1	11184		<b>C</b>	13.2	-67.5
DTW (FEET)	12.90	3	1107	6.66	17.1	11179	it control in the con		13.6	-70.9
DTB (FEET)	19.50	4	1109	6.70	17.1	11187		·	16.4	-74.4
DTB - DTW	6.60	5	11 11	6.75	17.0	11182			16 15.0	-76.4
CAPACITY PER FOOT	0.74 - 4"	6	1113	6.76	17.0	11167	<b>Angelia</b>	-	17.3	-79.7
	0.163 - 2"		1112	-	JRGING DA					
	08	\∧/⊑∧⊤⊔¤	R CONDIT		AGING DA	· · · ·				
3 WELL VOLUMES	3.24		R, CAL							
PURGE DATE	11.2.16		APPEARAN		R:					
I ONGE DATE	11.2 10	CLEAR	1-> cu	DUDY GO	ZEY O	DOR				
END OF PURGE TIME	1113	COMME	NTS:		,					
PURGE AMOUNT	3,5				×					
DTW (FEET)	14.00									
				SA	MPLING DA	ATA				
SAMPLE DATE	11.2.16		R CONDITI		Clark					
ŀ			APPEARAN							
DTW (FEET)	13.00			•	SHE	EN				
SAMPLE TIME	1715	COMME								
				S	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINE	R TYPE	NL	IMBER OF (	CONTAINER	RS	PRESERVAT	IVE
MKTF-1	5 1715	<u> </u>	40 ML	VOA		5	•		HCL	
			1LA	MBER		1	•		NEAT	
			250 M				<b>-</b>		NEAT	
			500 MI						HN0-3	
			125 MI			1_			HNO3	
	<del></del>		125 MI						H2.504	, , , , , , , , , , , , , , , , , , , ,
	<b>─</b>		500 MI	-PLAST	10	1			NEAT	
INSTRUMENT	rs used	GEOTE	CH INT	TERFAC	E PROB	3E, YS	L PRO	PUJS		
						,				

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WEI	LL ID					TEST PA	RAMETER	S		
MKTF-	21	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.2.16	Initial	1316	6.70 -8.17	20.5	1649	terrine to d		11.3	-62.7
GAUGE TIME	1311	1	1318	6.71	20.2	1590	·	وستسيي	14.4	-71.4
DHC (FEET)	70	2	1320	6.77	19.9	1606	- Augustus		20.5	-81.9
DTW (FEET)	6.30	3		BALL	LED DR	1 e 2	EALS			
DTB (FEET)	8.79	4								
DTB - DTW	2.49	5								
CAPACITY PER FOOT	0.74 - 4"	6								
1.8				Pl	JRGING DA	TA	<u>.                                    </u>	<u> </u>		
3 WELL		WEATHE	R CONDIT	IONS:			<del></del>			
VOLUMES	5.52	PART	LY CLOU	JOY, Š	IW HTUC	ND, 75	0			
PURGE DATE	11.2.16	WATER /	APPEARAN	CE / ODO	R:	•				,
END OF	11,210	CLEA	R GRA	1,000	R					
PURGE TIME	1320	COMMIL	11101							
PURGE AMOUNT	2						-			
DTW (FEET)	8.51									
				SA	MPLING DA	\TA				
SAMPLE DATE	11.3.16	i	R CONDITI		00					
DTW (FEET)	6.97	WATER A	APPEARAN	CE / ODO						
CAMBI E TIME		COMME								
SAMPLE TIME	0805			_					115-111	manag-manner
CANADIETO	T18.4C		CONTAINE		SAMPLE LO		CONTAINIC	20 1		1\/\( \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
SAMPLE ID  MKTF -2	TIME		CONTAINE HOML		NC	1MBER OF	CONTAINE	10	PRESERVAT <b>HCL</b>	IVE
1111717-2		<i>)</i>	1 L A			<u> </u>			NEAT	7
		9	50 ML			1			NEAT	
			DO MI	PLAS		1			HNO	
			25 ML	PLAS	•	1			HNO:	
			25 ML			1	u. u. si.		H2.50	
$\overline{}$			IM OC	PLAS		1			NEAT	
INSTRUMENT	IS USED	Con	i=CII TX	ITED EA	CE DON	RE V	ST POR	Aus		
		(011)	CH I	VIERTA	CE PRO	10E ) 1	UL TIC	7 1 Inla-0		
						· · · · · · · · · · · · · · · · · · ·				

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WE	L ID					TEST PA	RAMETERS	<u> </u>	akenda yang demoksimasan base masasan yang telah menanasasan	
MKTF-	20	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)
GAUGE DATE	11.2.16	Initial	1250	6.50	21.7	5048			38.7	-53.4
GAUGE TIME	1245	1	1251	6,63	21.8	5078	Name of the last o	<u></u>	16.0	- 82.3
DHC (FEET)	ИD	2	1253	6.63	21.8	5715	<b></b>	_colored*	13.5	-92.0
DTW (FEET)	7.10	3		В	AILED !	DRY @Z	-5GALL	005		
DTB (FEET)	9.55	4								
DTB - DTW	2.45	5								
CAPACITY PER	0.74 - 4"	6								
FOOT	0.163 - 2"	Ŭ								
1.8	1				JRGING DA	ATA				
3 WELL VOLUMES	5.43	CLE	ER CONDIT	UTH N		5°				
PURGE DATE	11.2.16	CLEAR	appearan <u>k. Gre</u>	-		EN				=
END OF PURGE TIME	1255	COMME	NŤS:	'	,					
PURGE AMOUNT	2.5									
DTW (FEET)	9.27									
				SA	MPLING D	ATA				
SAMPLE DATE	11.3.16		R CONDIT		IND L	190				
DTW (FEET)	7.15	WATER /	APPEARAN	CE / ODO	R:					
SAMPLE TIME	0900	COLU		DUPC	5: 0	OUFC	CED F	B1103	16@0	13.5
				S	AMPLE LO	G				
SAMPLE ID	TIME		CONTAINE		NU	JMBER OF	CONTAINE	RS	PRESERVAT	IVE
MKTF-	<u>20 090</u>	0	40 ML			_5			HCL	
			1 L AV	T YWB		1			NEAT NEAT	
			500 M			1			14NO2	
				LPAS		1			HN03	
				LPLAS		1			H250	4
V	$\vee$		500 M			1			NEAT	
INSTRUMEN ⁻	rs used	GEO	TECH I	NTERF	ACE P	ROBE, V	(SI PR	0 PLUS		

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WELL ID		TEST PARAMETERS									
MICTF-16		Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)	
GAUGE DATE	11.2.16	Initial	1222	6.80						_ >	
GAUGE TIME	12.17	1	1224		21.1	2664	-		42.4	-37.8	
DHC (FEET)		2	1225	7.03	21.3	2551			26.9 24.3	-80.9	
DTW (FEET)	ND	3	-			2665				- 87.0	
DTB (FEET)	9.28	4	1227	7.05	21.3	2773			18.5	-89.4	
	14.04		1229	7.07	21,2	2922			17.0	-89.2	
DTB - DTW	0.74 - 4"	5		BAIL	ED DR	(@ Z.Z	25 GAL	5			
CAPACITY PER FOOT	0.163 - 2"	6									
0.				Pl	JRGING DA	TA				<u></u>	
3 WELL WEATHER CONDITIONS:											
VOLUMES	2.32	CLE	R, 50	UTH WI	ND, 600	<i>,</i> °					
PURGE DATE			APPEARAN	•	R:						
END OF	11.2.16	COMME	AR/OD	OR							
PURGE TIME	1230	COMINIE	1110.								
PURGE AMOUNT	Z.256A4	2.256445									
DTW (FEET)	13.80										
				SA	MPLING DA	<b>NTA</b>					
SAMPLE DATE	1	_	R CONDITI								
	11.3.16	3.C	LEAR,	SOUTH	WIND,	52°					
DTW (FEET)	12.60		APPEARÁN	CE / ODOI	Κ:						
SAMPLE TIME	1010	COMME			<b></b>	•	-				
	1010	LOW	ALFI		AMPLE LO		CT 5	DOME	PLASTI	<u>C</u>	
SAMPLE ID	TIME		CONTAINE			JMBER OF (	CONTAINER	RS	PRESERVATI	VE	
MICTE-19	010	)	40 ML	AOV		5			HCL		
1/1//			-	MBER		1			型NEA	T	
	<del>}</del>			IL AME		1			NEAT		
	<del></del>		500 M			1			HNOZ		
125 ML PLASTIC 1 HNO3 125 ML PLASTIC , 1 H2 504											
** 500 ML PLASTIC (NOT COLLECTED)											
INSTRUMENTS USED GEOTECH TATERFACE PROBE YST PROPUS											
INSTRUMENTS USED GEOTECH INTERFACE PROBE, YSI PRO PLUS											

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WELL ID		TEST PARAMETERS									
MKTF-35		Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)	
GAUGE DATE	11.3.16	Initial	1457	6.83	18.7	1347	•		45.3	-313	
GAUGE TIME	1450	1	1459	7.03	[8.6	1371	<i>(</i>	e programmente	24.4	-81.2	
DHC (FEET)	ИD	2	1501	7.07	18.6	1388		-	15.0	-92.9	
DTW (FEET)	6.00	3	1503	7.09	18.6	1393	<b>P</b> ERSONAL PROPERTY AND ADMINISTRATION OF THE PROPE	المسايد	17.2	-97.2	
DTB (FEET)	16.48	4	1505	7.10	18.5	1397	-		16.9	-99.6	
DTB - DTW	10.48	5	1507	7.10	18.5	1402	special distributions of		16.0	-100.Z	
CAPACITY PER FOOT	0.74 - 4" 0.163 - 2"	6	1509	ע.ר	18.5	1401		generals.	14.5	-1023	
PURGING DATA											
3 WELL VOLUMES	5.1	WEATHER CONDITIONS:									
PURGE DATE	11.3.13	WATER A	NATER APPEARANCE / ODOR:  CLEAR, ODOR -> CLOUDY GREY								
END OF PURGE TIME	1509	COMME	NTS:		·						
PURGE AMOUNT	5.25										
DTW (FEET)	6.60										
				SA	MPLING DA	<b>ATA</b>					
SAMPLE DATE	113.13	_	R CONDITI		Time-						
DTW (FEET)	6.40	WATER A	SAME AS ABOVE  VATER APPEARANCE / ODOR:  SAME AS ABOVE								
SAMPLE TIME	1525	COMME									
	/			S	AMPLE LO	G					
SAMPLE ID	TIME 55 153		CONTAINE	VOA	NU	IMBER OF O		RS	PRESERVAT	IVE	
$\rightarrow$			250 MI			1			NEAT		
			500 ML 125 ML 125 ML	_PLAST _PLAST	TC TC	1 1 1			HNO3 HNO3 H2SO4 NEAT		
NSTRUMEN	TS USED		500 ML				YSI F	RO PLI			

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WELL ID		TEST PARAMETERS									
MKTF.	-37	Volumes	TIME	рН	Temperature Degrees C	Conductivity (mS)	TDS (g/L)	Salinity (ppt)	Dissolved Oxygen (%)	ORP (mv)	
GAUGE DATE	11.3.16	Initial								:	
GAUGE TIME	1600	1		DIZ	NOT	COLL	ECT				
DHC (FEET)	ND	2			ARAN						
DTW (FEET)	7.09	3		140		WATE					
DTB (FEET)	24.80	4			and the second	V V					
DTB - DTW	17.71	5									
CAPACITY PER	0.74 - 4"	6									
FOOT	0.163 - 2"	Ů									
2.		PURGING DATA									
3 WELL VOLUMES	8,67	WEATHER CONDITIONS:  CLOUDY SOUTH WIND, 65°									
		WATER A	APPEARAN	CE / ODO	R:	(D), O:	<u> </u>				
PURGE DATE	11:3.16	·									
END OF PURGE TIME		COMME	NTS:								
PURGE	1620							AC GC	BULES	SIN	
AMOUNT	9		PURGED WATER								
DTW (FEET)	23./0										
				SA	MPLING DA	ATA					
SAMPLE DATE		WEATHER CONDITIONS:									
	11.336	SAME AS ABOVE WATER APPEARANCE / ODOR:									
DTW (FEET)	18.40	LLEAR, ODOR									
CANADI E TIME		COMME		<i>,,,</i>							
SAMPLE TIME	1645										
CAMPLEID	TIME		CONTAINE		AMPLE LO		OONITAINIE	20		\ /r=	
SAMPLE ID	TIME				NC	JMBER OF	CONTAINE	75 I	PRESERVATI	VE	
MKTF-37	1 1645		40 ML		>	5+3			HCL		
<del></del>	<del></del>		250 ML	AMBER					NEAT		
				_		<del></del>			NEAT HNO3	-	
			500 ML			1					
	<del></del>	125 ML PLASTIC 1 HNO3 125 ML PLASTIC 1 H2504									
1		125 ML PLASTIC 1 Hz 504 500 ML PLASTIC 1 NEAT									
INSTRUMENT	rs used -	GEO	TECH I	NTERP	FACE PA	ROBE, Y	SI PRO	O PLUS			
								Caraca Ca	com.		

COMPLETED BY: TRACY PAYNE