Attachment F Groundwater Sampling Logs

			•						New York			an a la chuir	Sheet		of	1
		Site:		PP	G Jersey	City			Clier	nt / Site:		Dre	esdner Ro	bin		
	C	ate:			2/9/2011			<u>.</u>	Field Per	sonnel:	<u></u>		D. Miller			
v	Veat	her:		5	Sunny, 20ª	F				Job #			22930			
Monitorir	ng W	ell #:	10	8-TMW-J	008	-	Well Depth:	1	9.47	ft	Scr	eened/Op	en Interval:		5.0	ft
Well	1.1	L	_	NA		_ We	II Diameter:		1	inches						
PID/FID R (ppm):	eadi	ngs	Backgroun	d:		NA			Pump Intak	e Depth:		18.5		ft below	тос	
			Beneath O	uter Cap:		NA			Depth to Wa	ater Befor	e Pump Ins	tallation:	15.(01	ft below TO)C
		_	Beneath In	ner Cap:		NA			and the second		Pe		Imp			
TIME	Purging	Sampling	p⊦ (pH u		Tempe (°C	and the second sec	Spec Conduc (us/c	ctivity	Disso Oxyg (mg/	jen	Red Poter (m)	ntial	Turbl (NT	10 Mar 10	Pumping Rate	Depth to Water (ft below
	Pul	Sar	Reading		Reading	Change			Reading	Change					(ml/min)	TOC)
0915	x		7.79	NA	13.7	NA	1042	NA	2.42	NA	231.8	NA	625	NA	100	15.47
0920	x		7.71	-0.08	13.9	0.2	645	-397	2.33	-0.09	219.7	-12.1	296	-329	100	15.56
0925	x		7.63	-0.08	14.0	0.1	373	-272	2.24	-0.09	211.1	-8.6	165	-131	100	15.64
0930	x		7.59	-0.04	14.1	0.1	370	-3	1.94	-0.30	202.4	-8.7	124	-41	100	15.70
0935	X		7.56	-0.03	14.1	0.0	369	-1	1.78	-0.16	193.1	-9.3	108.0	-16.0	100	15.76
0940	x		7.55	-0.01	14.1	0.0	365	-4	1.88	0.10	186.3	-6.8	116	8	100	15.83
0945	x		7.55	0.00	14.2	0.1	370	5	1.79	-0.09	179.9	-6.4	109.6	-6.4	100	15.86
0950	x		7.54	-0.01	14.3	0.1	374	4	1.72	-0.07	175.1	-4.8	169	59	100	15.91
0955	x		7.55	0.01	14.2	-0.1	362	-12	1.45	-0.27	170.6	-4.5	178	9	100	16.01
1000	x		7.54	-0.01	14.3	0.1	369	7	1.45	0.00	155.4	-15.2	2932	2754	100	17.43
1005	x		7.54	0.00	14.5	0.2	361	-8	0.99	-0.46	144.5	-10.9	3563	631	100	17.51
1010	x	1	7.54	0.00	14.1	-0.4	372	11	1.19	0.20	143.5	-1.0	3848	285	100	17.57
1015	x		7.54	0.00	14.2	0.1	368	-4	1.14	-0.05	138.6	-4.9	3751	-97	100	17.64
1020	x		7.54	0.00	14.2	0.0	362	-6	1.12	-0.02	135.8	-2.8	3685	-66	100	17.76
1025		x	7.54	0.00	14.3	0.1	360	-2	1.08	-0.04	134.2	-1.6	3602	-83	100	17.83
1030		x	7.54	0.00	14.3	0.0	366	6	1.11	0.03	133.0	-1.2	3533	-69	100	17.89
1035		x	7.54	0.00	14.2	-0.1	361	-5	1.06	-0.05	130.7	-2.3	3496	-37	100	17.94
																2
Comment	s:			Purge	began a	t 0910.	Sample	time is	1021.							
			ported relativ					Primary		DM 2/10			ary Review	r:	KH 2/15/1	1
			FERS HAVE S						N: <u>+</u> 0.1 for p	H; <u>+</u> 3% foi	Specific Co	nductivity a	ind			

	S	ite:		PP	G Jersey	City	in the		Clier	t / Site:		Dr	esdner Ro	bin		
	D	ate:			2/9/2011				Field Per	sonnel:			D. Miller			
v	Veat	her:		S	unny, 20°	F				Job #			22930			
Monitorir	ig We	ell #:	10	8-TMW-DO	008		Well Depth:	1	7.82	ft	Scr	eened/Op	en Interval:		5.0	ft
Well	Perm	it #:		NA		. We	II Diameter:		1	inches						
PID/FID R (ppm):	eadir		Backgroun	d:		NA			Pump Intak	e Depth:		17.5		ft below	тос	
			Beneath Ou			193 (A)				1.1.1			16.4	12.7		oc
			Beneath In			NA					Pe					
TIME	Purging	Sampling	pH (pH ur	nits)	Temper (°C)	Spec Conduc (us/c	ctivity :m)	Disso Oxyg (mg/	en L)	Red Poter (m\	ntial /)	Turbi (NT	U)	Pumping Rate	Depth to Water (ft below
	P	Sa	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	Reading	Change	(ml/min)	TOC)
1110	x	_	7.24	NA	14.6	NA	336	NA	6.45	NA	198.8	NA	1439	NA	100	16.99
1						in the s										
										in the				and the		2 ⁴ -
										ni Na stare As				enter de la constante de la co		
									1.1.16							
				-												
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-		_														
	1															
												4			2	
	116															
	10.00			1										445		
						1						41.0				
-						in an				Sec. 1						
	-						- Aging - A				a si ya sa sa sa					
												in the second		_	-	
	_														1.1.1	
						1										
	-	-													E. C. Strand	
omments					egan at	1105	Well rar	n dry et	1113 4	llowed	time to	echar		en afte	San Sin .	
ennienta							ot contair							on and		

Wei Monitoring \	Da ath We erm	ate: ner: II #: it #: gs		S 8-TMW-J	Gunny, 20º 014	F			Clier Field Per			S 20 1	esdner Ro S. Schulze			
Wea Monitoring \ Well Pe PID/FID Rea	we we	ner: #: it #: gs	10	S 8-TMW-J	Sunny, 20º 014	F			Field Per	sonnel:			S. Schulze	•	5. A. S	
Monitoring N Well Pe PID/FID Rea	We erm	#: it #: igs	10	8-TMW-J	014											
Well Pe	ərm	it #: gs		11.2	1120								1.11			
PID/FID Rea	-	gs		NA			Well Depth:			_ft	Scr	eened/Op	en Interval:		5.0	ft
ppm):			Backgroun				II Diameter:		1	inches					Sally Barrow	
						1.1.1			Pump Intal	ke Depth:		17.0		ft below	тос	
									Depth to Wa			6 15 16		73	ft below TO	C
	2 E			ner Cap:		NA	Spec	Ific	Purg Disso	e Method Ived	Pe Red	rístaltic Pu ox	Imp	-	an là chi	Depth to
TIME	urging	amplin	pH (pH ur	nits)	Temper (°C	;)	Conduc (us/c	:m)	Oxyg (mg	/L)	Poter (m)	ntial /)	Turbi (NT	U)	Pumping Rate	Water (ft below
C	T	Ő	Reading	Change	6 40 10	Change	Reading	Change		Change		Change	Reading	Change	(ml/min)	TOC)
1950. 2014	×	-	8.59	NA	13.2	NA	615	NA	1.17	NA	30.2	NA	2388	NA	130	11.48
0924 >	Ч	_	8.22	-0.37	13.7	0.5	613	-2	1.09	-0.08	16.2	-14.0	2930	542	120	11.66
0929 >	×	_	8.01	-0.21	13.8	0.1	602	-11	1.10	0.01	1.5	-14.7	3166	236	120	11.90
0934 >	хļ		7.84	-0.17	13.3	-0.5	598	-4	0.94	-0.16	4.4	2.9	3667	501	120	12.07
0939 >	×		7.67	-0.17	13.4	0.1	592	-6	0.96	0.02	1.2	-3.2	3729	62	120	12.19
0944 X	x		7.60	-0.07	13.4	0.0	588	-4	0.96	0.00	-5.0	-6.2	3984	255	120	12.25
0949 X	x		7.58	-0.02	13.3	-0.1	586	-2	1.00	0.04	-5.9	-0.9	3945	-39	120	12.26
0954 X	x		7.53	-0.05	13.3	0.0	582	-4	1.02	0.02	-6.6	-0.7	3999	54	120	12.27
0959 X	x		7.50	-0.03	13.3	0.0	580	-2	1.04	0.02	-8.1	-1.5	3966	-33	120	12.29
1004 X	x		7.47	-0.03	13.3	0.0	579	-1	1.10	0.06	-9.7	-1.6	3941	-25	120	12.31
1009 X	ĸ	-	7.44	-0.03	13.4	0.1	575	-4	1.12	0.02	-12.7	-3.0	3954	13	120	12.35
1014 X	$\langle $		7.41	-0.03	13.4	0.0	571	-4	1.15	0.03	-19.8	-7.1	3947	-7	120	12.40
1019 X	$\langle $		7.41	0.00	13.5	0.1	569	-2	1.14	-0.01	-22.4	-2.6	4111	164	120	12.42
1024 X	<		7.40	-0.01	13.5	0.0	567	-2	1.19	0.05	-26.7	-4.3	4222	111	120	12.48
1029		x	7.40	0.00	13.6	0.1	566	-1	1.21	0.02	-29.3	-2.6	4198	-24	120	12.54
1034		x	7.40	0.00	13.6	0.0	565	-1	1.20	-0.01	-31.2	-1.9	4114	-84	120	12.66
1039		x	7.40	0.00	13.7	0.1	561	-4	1.14	-0.06	-37.8	-6.6	4222	108	120	12.68
	1															
					40000											
omments:			Pump on	@ 090	08		Sample	time : 1	025							
RP readings		e rep	orted relativ	e to the S	tandard Hyre	drogen Ele		Primary	Review:	SS 02/1		Seconda	ary Review		LM 02/15/	11

					G Jersey	Oity			Ciler	it / Site:		Dre	esdner Ro	nia		
	D	ate:			2/9/2011				Field Per	sonnel:			S. Schulz	9		
v	Veat	her:		S	Sunny, 20º	F				Job #			22930			
Monitorir	ng W	ell #:	10	8-TMW-D	012		Well Depth:	2	3.40	ft	Scr	eened/Op	en Interval:		5.0	ft
Well	Pern	nit #:		NA		- We	II Diameter:		1	inches						2.2
PID/FID R ppm):	eadi	ngs	Backgroun	id:		NA			Pump Intak	e Depth:		21.0		ft below	тос	
			Beneath O	uter Cap:		NA			Depth to Wa	ater Befor	re Pump Ins	tallation:	13.2	25	ft below TO	oc
			Beneath In	ner Cap:		NA			all a strange to		Per		Imp	Januar		
TIME	Purging	Sampling	pł (pH u Reading	nits)	Temper (°C Reading)	Spec Conduc (us/c Reading	ctivity m)	Disso Oxyg (mg/ Reading	jen ′L)	Rede Poten (m\ Reading	tial /)	Turbi (NT Reading	U)	Pumping Rate (ml/min)	Depth to Water (ft below TOC)
1104	x		7.44	NA	12.8	NA	539	NA	0.19	NA	-235.9	NA	7824	NA	110	13.85
1109	x		7.28	-0.16	13.7	0.9	574	35	0.27	0.08	-289.6	-53.7	8195	371	110	14.08
1114	x		7.15	-0.13	13.8	0.1	598	24	0.44	0.17	-248.9	40.7	7628	-567	100	14.32
1119	x		7.08	-0.07	13.8	0.0	601	3	0.70	0.26	-238.2	10.7	6918	-710	100	14.45
1124	x		7.02	-0.06	13.7	-0.1	598	-3	0.59	-0.11	-220.5	17.7	6222	-696	100	14.58
1129	х		6.95	-0.07	13.8	0.1	594	-4	0.72	0.13	-213.0	7.5	5996	-226	100	14.73
1134	х		6.90	-0.05	13.9	0.1	590	-4	0.75	0.03	-205.2	7.8	5990	-6	100	14.82
1139	х		6.87	-0.03	13.9	0.0	586	-4	0.77	0.02	-202.6	2.6	5858	-132	100	14.87
1144	х		6.84	-0.03	13.8	-0.1	583	-3	0.80	0.03	-196.8	5.8	5840	-18	100	14.90
1149	х		6.83	-0.01	13.8	0.0	580	-3	0.83	0.03	-194.5	2.3	5822	-18	100	14.93
1154	-	X	6.82	-0.01	13.8	0.0	577	-3	0.84	0.01	-192.2	2.3	5846	24	100	14.96
1159		x	6.81	-0.01	13.8	0.0	576	-1	0.86	0.02	-190.8	1.4	5990	144	100	15.00
1204	_	X	6.80	-0.01	13.8	0.0	575	-1	0.88	0.02	-188.8	2.0	5976	-14	100	15.02
-		_														
	-	_			_											
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													Sheet		_ of	1
	5	Site:		PP	G Jersey	City			Clier	nt / Site:		Dre	esdner Ro	bin		
	D	ate:			2/24/2011	1			Field Per	sonnel:		к	. Harrelso	on		
V	Veat	her:			Cool, 40°	F		_		Job #			23410			
Monitorin	ıg We	ell #:	10	8-TMW-M	1018	-	Well Depth:	1	8.28	ft	Scr	ened/Op	en Interval:		5.0	ft
and the second second	-			NA		We	II Diameter:	1253	1	inches						
PID/FID F (ppm):	leadi	ngs	Backgrour	nd:		NA			Pump Intak	e Depth:		15.5		ft below	тос	
			Beneath O	uter Cap:		NA		. ''	Depth to Wa	iter Befor	e Pump ins	tallation:	3.7	′5	ft below T	ос
			Beneath In	iner Cap:		NA		. Jacob	the stream of the state of the	e Method	· · · · · · · · · · · · · · · · · · ·	ristaltic Pu	ump			
TIME	Purging	Sampling	pł (pH u	nits)	Tempe (°C	;)	Spec Conduc (us/c	ctivity m)	Disso Oxyg (mg/	jen /L)	Red Poter (m)	ntial /)	Turbi (NT	'U)	Pumping Rate	(ft below
		S				Change	Reading	Cnange						Cnange		TOC)
1205	X		7.58	NA	10.0	NA	1469	NA	0.37		-107.1	NA	1018	NA	240	4.70
1210	x		7.65	0.07	9.9	-0.1	1448	-21	0.33	-0.04	-106.5	0.6	704	-314	240	5.12
1215	x	_	7.78	0.13	9.5	-0.4	1419	-29	0.34	0.01	-109.0	-3	189	-515	160	5.31
1220	x		7.67	-0.11	9.3	-0.2	1369	-50	0.35	0.01	-83.8	25.2	87.2	-101.8	160	5.52
1225	x		7.53	-0.14	9.0	-0.3	1297	-72	0.46	0.11	-52.2	31.6	614	527	120	6.45
1230	x		7.64	0.11	9.7	0.7	1381	84	0.32	-0.14	-98.7	-46.5	648	34	120	7.44
1235	X		7.65	0.01	9.9	0.2	1373	-8	0.39	0.07	-81.5	17.2	190	-458	120	8.04
1240	x		7.64	-0.01	10.0	0.1	1364	-9	0.52	0.13	-38.9	42.6	189	-1	120	8.97
1245	x		7.60	-0.04	9.9	-0.1	1338	-26	0.94	0.42	9.7	48.6	187	-2	120	9.63
1250		x	7.58	-0.02	9.9	0.0	1330	-8	0.93	-0.01	1.9	-7.8	188	1	120	10.12
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								10.1					E H			
		-														
		-														
		-														
Comment	s:				Began				e Time	1246						-
ORP readi	ngs a	re re	ported relati	ive to the s	Standard Hy	rdrogen E	stabilizat	Primary	Review:	TP 3/7/1	10	Seconda	ary Review	v:	KBH 3/8	3/10
INDICATO	PAR	AME	TERS HAVE S	TABILIZED	WHEN 3 CO	MSEADOW	EPEADINGS	AREWITH	IN + 0 1 for r	H. + 30/ 60	r Specific Co	nducthday	and			

<u> (1997)</u>			5. A.S			1				and the second			Sheet	1	of	1
15.5	8	Site:		PP	G Jersey	City			Clier	nt / Site:		Dre	sdner Rol	bin		
	D	ate:	_		2/24/2011				Field Per	sonnel:		к	. Harrelso	n		- 11
V	Veat	her:			Cool, 40°	F	_	-	_	Job #			23410			
Monitorir	g W	ell #:	10	8-TMW-M	1006	-	Well Depth:	1	5.25	ft	Sc	reened/Op	en Interval:	<u></u>	NA	ft
Well PID/FID F						We	II Diameter:		1	inches			_	1	10000	
(ppm):	eadi	ngs	Backgrour	nd:		NA			Pump Intak	e Depth:		10.5		ft below	тос	
			Beneath O	uter Cap:		NA			Depth to W	ater Befo	ore Pump In	stallation:	7.4	7	ft below T	oc
	_		Beneath In	iner Cap:		NA	C	16.		e Method		eristaltic Pu	mp			1.5. 4.4
TIME	Purging	Sampling	pł (pH u	nits)	Tempe (°C	;)	Spec Conduc (us/c Reading	ctivity ;m)	Disso Oxyg (mg/	jen /L)	(m	ntial V)	Turbi (NT	υ)	Pumping Rate	(ft below
4050	201		1.000		n,						Reading					TOC)
1350	X		6.92	NA	9.4	NA	659	NA	6.06	NA	246.0		109.6	NA	280	7.69
1355	×		6.88	-0.04	9.4	0.0	689	30	5.92	-0.1	249.3	3.3	82.2	-27.4	280	7.81
1400	x	_	6.85	-0.03	9.4	0.0	688	-1	5.83	-0.1	249.2	-0.1	77.6	-4.6	280	7.89
1405	x		6.82	-0.03	9.4	0.0	685	-3	6.08	0.3	251.2	2.0	642	564.4	280	9.82
1410	x		6.93	0.11	9.8	0.4	748	63	6.34	0.26	211.8	-39.4	OR	NA	120	10.50
1415	x		6.94	0.01	10.1	0.3	754	6	4.99	-1.35	200.4	-11.4	OR	NA	120	11.10
1420	x		6.93	-0.01	10.8	0.7	839	85	4.63	-0.36	129.5	-70.9	OR	NA	120	9.96
1425	x		6.86	-0.07	11.1	0.3	850	11	4.71	0.08	-0.5	-130.0	OR	NA	120	10.63
1430		x	6.88	0.02	11.5	0.4	874	24	4.20	-0.51	-21.3	-20.8	OR	NA	120	10.61
						1										
										1. 10						
											11. E	10.3				
		-														
		-														
	-	-														
Comment					Began	1345			e Time		At 140					of air.
ORP readi	ngs a	re re	ported relati	ve to the	Standard Hy	rdrogen E		Primary	Review:	TP 3/7/1		Seconda	ry Review:		client. KBH 3/8	3/10
INDICATO	PAR	AME	TERS HAVES	TABILIZED	WHEN 3 CO	NSEGUTIV	E READINGS	ARE WITH	IN + 0 1 for r	H. + 3% fo	r Specific Co	nductivity a	nd	-		A STATISTICS

Date: Weather:									nt / Site:			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
W		ate:			2/24/2011				Field Per	sonnel:		K	. Harrelso	n		
	eat	her:	_		Cool, 40°	F				Job #			23410	_		
Monitorin	g We	əll #:	10	8-TMW-B	008		Well Depth:	2	3.77	ft	Scr	eened/Op	en Interval:			ft
	-	_		NA		We	Il Diameter:		1	inches						
PID/FID Ro (ppm):	eadi	ngs	Backgroun	d:		NA			Pump Intak	e Depth:		19.5		ft below	тос	
			Beneath O	uter Cap:		NA		. 1	Depth to Wa	ter Befor	e Pump Ins	tallation:	16.9	94	ft below T	oc
			Beneath In	ner Cap:		NA			Purge	Method		ristaltic Pu	ump			
TIME	Purging	Sampling	pH (pH ur Reading	nits)	Temper (°C Reading)	Spec Conduc (us/c Reading	ctivity m)	Disso Oxyg (mg/	jen 'L)	Red Poter (m)	ntial ⁄)	Turbi (NT	U)	Pumping Rate (ml/min)	Depth to Water (ft below TOC)
4505							5.2				1. 1. 1.					
1525	X		6.79	NA	14.6	NA	1396	NA	2.96	NA	218.8		195	NA	160	17.01
1530	x		6.76	-0.03	14.9	0.3	1401	5	3.17	0.21	241.8	23.0	52.3	-142.7	160	17.03
1535	x		6.76	0.00	15.0	0.1	1400	-1	3.12	-0.05	227.7	-14.1	32.7	-19.6	160	17.06
1540	x		6.75	-0.01	15.1	0.1	1400	0	2.98	-0.14	212.2	-15.5	65.5	32.8	160	17.10
1545	x		6.80	0.05	15.2	0.1	1365	-35	2.09	-0.89	86.8	-125.4	3249	3184	160	19.20
1550	x		6.78	-0.02	15.1	-0.1	1320	-45	2.51	0.4	119.6	32.8	1198	-2051	160	20.21
1555		x	6.80	0.02	15.4	0.3	1328	8	1.60	-0.91	70.2	-49.4	OR	NA	160	21.40
4																

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		_												i. T		
						4500				1551						
omments Decame		ry tı	urbid. Ha	Purge		1520 o intak			e Time Sample i	1551 regardl			5, water		ed 2' and	

Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

D: Weati Monitoring We Well Perm PID/FID Readli (ppm):	ate: her: all #: nit #:	Backgroun	B-TMW-CI NA	2/24/2011 Cool, 40°	F							esdner Ro . Harrelso	6.11		
Weati Monitoring We Well Perm PID/FID Readli (ppm):	her: ell #: nit #:	108 Backgroun	B-TMW-CI NA	Cool, 40°	F			Field Per	sonnel:	1 - 1	к	. Harrelso	n		
Monitoring We Well Perm PID/FID Readli (ppm):	əll #: nit #:	108 Backgroun	B-TMW-CO	002											
Well Perm PID/FID Readlı (ppm):	nit #:	Backgroun	NA				- deserved		Job #	Provide Management	State.	23410	E.a.		
PID/FID Readlı (ppm):		Backgroun			•	Well Depth:	2	3.50	ft	Scr	ened/Op	en Interval:			ft
(ppm):	ngs				We	ll Diameter:		1	inches		Late				
			d:		NA			Pump Intak	e Depth:		16.8		ft below	тос	
Ð		Beneath Ou	uter Cap:		NA	diana.		Depth to Wa	ter Before	e Pump Ins	tallation:	14.2	22	ft below T	oc
0		Beneath In	ner Cap:		NA			Purge	Method	Pe	ristaltic Pu	mp			
TIME Bui Bund	Sampling	pH (pH ur Reading	nits)	Temper (°C Reading	;)	Spec Conduc (us/c Reading	tivity m)	Disso Oxyg (mg/ Reading	jen /L)	Red Poter (m) Reading	ntial /)	Turbi (NT	U)	Pumping Rate (ml/min)	Depth to Water (ft below TOC)
1630 x	••	7.01	NA	13.6	NA	2330	NA	1.56	NA	47.0	NA	763	NA	160	14.62
1635 x	11.Y	7.06	0.05	14.0	0.4	2320	-10	1.40	-0.16	27.7	-19.3	938	175	160	15.03
1640 x	**	7.07	0.01	13.7	-0.3	2310	-10	1.35	-0.05	25.5	-2.2	930	-8	120	15.05
1645 x		7.07	0.00	13.6	-0.1	2310	0	1.26	-0.09	19.3	-6.2	1367	437	120	14.91
1650 x		7.07	0.00	13.6	0.0	2310	0	1.22	-0.04	14.1	-5.2	1463	96	120	14.81
1655 x		7.06	-0.01	13.6	0.0	2290	-20	1.06	-0.16	2.8	-11.3	1864	401	120	14.78
1700	x		0.00	13.7	0.1	2270	-20	1.00	-0.06	-1.4	-4.2	2235	371	120	14.78
2	1													A.	
									5.73						
1965. 195															
						\mathbf{P}_{i+1}									
Comments:				Began				e Time	1656						
ORP readings a			Samnle	e regardl	ess of	stabilizat	ion ne	client							

Temperature; \pm 10 mV for Redox Potential; and \pm 10% for Dissolved Oxygen and Turbidity

-		-					and the second se						and the second	1	of	
					G Jersey							1.1.1.1.1.1.1	esdner Ro	bin		
					3/19/2011				Field Per			5 - C - C - C - C - C - C - C - C - C -	T. Lesinsk	1		
N	/eat	her:		S	Sunny/ 50°	F		-		Job #			24306			
Monitorin	g We	ell #:	10	8_MW-1-1	9.0	-	Well Depth:	2	5.75	ft	Scr	eened/Op	en Interval:		15.0	ft
Well PID/FID R	-			NA		. We	II Diameter:		4	inches						
ppm):	ouun		Backgroun	d:		NA			Pump Intak	e Depth:		19.0		ft below	тос	
			Beneath O	uter Cap:		NA		-	Depth to Wa	ater Befor	e Pump Ins	tallation:	16.7	75	ft below TC	oc
			Beneath In	ner Cap:		NA	Spec	ific	Purgo Disso	e Method	B	adder Pu	mp			Depth to
TIME	Purging	Sampling	p⊦ (pH u Reading	nits)	Temper (°C Reading)	Conduc (us/c Reading	ctivity :m)	Oxyg (mg/ Reading	jen /L)	Poter (m\	ntial /)	Turbi (NT Reading	U)	Pumping Rate (ml/min)	Water (ft below TOC)
1015	x		6.03	NA	15.6	NA	515	NA	1.41	NA	230.5	NA	3.95	NA	160	16.83
1020	x		5.99	-0.04	15.3	-0.3	507	-8	1.16	-0.25	249.6	19.1	3.55	-0.40	160	16.86
1025	x		6.29	0.30	15.2	-0.1	524	17	0.96	-0.20	264.9	15.3	2.63	-0.92	160	16.86
1030	x		6.50	0.21	15.2	0.0	610	86	0.79	-0.17	266.3	1.4	1.73	-0.90	160	16.86
1035	x		6.20	-0.30	15.2	0.0	721	111	0.85	0.06	265.4	-0.9	1.73	0.00	160	16.86
1040	x		6.13	-0.07	15.2	0.0	911	190	0.86	0.01	262.9	-2.5	1.48	-0.25	160	16.86
1045	x		6.20	0.07	15.2	0.0	954	43	0.83	-0.03	258.4	-4.5	1.19	-0.29	160	16.86
1050	x	-	6.26	0.06	15.2	0.0	989	35	0.80	-0.03	254.8	-3.6	1.17	-0.02	160	16.86
1055	x		6.28	0.02	15.2	0.0	1037	48	0.79	-0.01	251.7	-3.1	0.92	-0.25	160	16.86
1100	x		6.30	0.02	15.2	0.0	1039	2	0.80	0.01	251.6	-0.1	0.98	0.06	160	16.86
1105	x		6.31	0.01	15.2	0.0	1036	-3	0.82	0.02	251.3	-0.3	0.94	-0.04	160	16.86
1110		x	6.32	0.01	15.3	0.1	1034	-2	0.96	0.14	250.3	-1.0	0.89	-0.05	160	16.86
1115		×	6.32	0.00	15.3	0.0	1033	-1	0.94	-0.02	249.8	-0.5	0.86	-0.03	160	16.86
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omments	5:						Sample	time is	1106.							
RP readir	ngs a	re rep	orted relativ		911 @ 1 tandard Hyr		ectrode	Primary	Review:	TL 3/23/	44	Second	ary Review		SS 03/24/	11

							1.12.			and as as a			Sheet	1	. of	1
	s	Site:		PP	G Jersey	City			Clier	nt / Site:		Dr	esdner Ro	bin		
	D	ate:			3/19/2011			- L.	Field Per	sonnel:			T. Lesinsk	i		
v	Veat	her:		8	Sunny/ 50°	F				Job #			24306			
Monitorin	ng We	ell #:	10	8_MW-1-2	23.0		Well Depth:	2	5.75	ft	Scr	eened/Op	en Interval:		15.0	ft
Well	Perm	it #:		NA		. We	II Diameter:		1	inches						
PID/FID R (ppm):	eadir	ngs	Backgroun	d:		NA			Pump Intak	e Depth:		23.0		ft below	тос	
			Beneath O	uter Cap:		NA			Depth to Wa	ater Befor	e Pump Ins	tallation:	16.7	75	ft below TO	oc
			Beneath In	ner Cap:		NA			فليو المحفظ ومقا	a	В	A CONTRACTOR OF THE	mp			
TIME	Purging	Sampling	pH (pH ui	nits)	Temper (°C)	Spec Conduc (us/c	ctivity m)	Disso Oxyg (mg/	jen ′L)	Red Poter (m)	ntial /)	Turbi (NT	U)	Pumping Rate	Depth to Water (ft below
		S	Reading	Change		Change		Cnange		Change		Cnange	Reading	Cnange	(ml/min)	TOC)
1125	X		6.37	NA	16.3	NA	1104	NA	0.89	NA	248.5	NA	3.78	NA	140	16.86
1130	x	_	6.36	-0.01	16.1	-0.2	1108	4	0.85	-0.04	248.4	-0.1	3.10	-0.68	140	16.86
1135	x	_	6.38	0.02	16.0	-0.1	1100	-8	0.82	-0.03	248.9	0.5	1.84	-1.26	140	16.86
1140	x		6.38	0.00	16.0	0.0	1098	-2	0.81	-0.01	249.4	0.5	1.49	-0.35	140	16.86
1145	x		6.39	0.01	16.0	0.0	1094	-4	0.80	-0.01	249.8	0.4	1.44	-0.05	140	16.86
1150	x		6.40	0.01	16.1	0.1	1090	-4	0.78	-0.02	250.4	0.6	1.33	-0.11	140	16.86
1155	x		6.40	0.00	16.0	-0.1	1087	-3	0.80	0.02	251.0	0.6	1.38	0.05	140	16.86
1200		x	6.40	0.00	16.1	0.1	1085	-2	0.86	0.06	251.4	0.4	1.31	-0.07	140	16.86
1205		x	6.41	0.01	16.1	0.0	1084	-1	0.85	-0.01	251.9	0.5	1.34	0.03	140	16.86
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					9											
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		-										-5-4				
		-														
Comment	s:			Purge	began at	: 1120.	Sample	time is	1156.							
		re re	norted relativ	e to the S	tandard Hyr	tronen El	ectrode	Primany	Review:	TL 3/23			ourge was ary Review		SS 03/24/	11
INDICATOR	PAR	AME	TERS HAVE S	TABILIZED	WHEN 3 CO	NSECUTIV	E READINGS					nductivity	and	•	55 05/24/	• •

									nd Marinela				Sheet		of	
	:	Site:		PP	G Jersey	City			Clier	nt / Site:		Dre	esdner Ro	bin		
	D	ate:			3/19/2011		<u>e </u>		Field Per	sonnel:		Li	sa Melans	on		
V	Veat	her:		5	Sunny/ 50°	F				Job #		_	24306			
Monitorin	ng W	ell #:		MW-2-13.	5		Well Depth:	1	7.47	ft	Scr	eened/Op	en Interval:		12.0	ft
and the second s	Carl Inc. Inc.			NA		. We	II Diameter:		4	inches						_
PID/FID R (ppm):	eadi	ngs	Backgroun	d:		NA			Pump Intak	e Depth:		13.5		ft below	тос	
			Beneath O	uter Cap:		NA			Depth to Wa	ater Befor	re Pump Ins	tallation:	10.9	95	ft below TO	oc
4.4.	_		Beneath In	ner Cap:		NA	0	10.	and the second second	e Method	the second second	adder Pu	mp			
TIME	Purging	Sampling	pH (pH ui Reading	nits)	Temper (°C Reading)	Spec Conduc (us/c Reading	ctivity :m)	Disso Oxyg (mg/ Reading	jen ′L)	Red Poter (m\ Reading	ntial /)	Turbi (NT Reading	U)	Pumping Rate (mi/min)	Depth to Water (ft below TOC)
0955	x		7.42	NA	15.0	NA	1852	NA	2.36	NA	308.1	NA	1.33	NA	120	11.00
1000	x		7.35	-0.07	15.2	0.2	1806	-46	2.14	-0.22	310.5	2.4	1.32	-0.01	120	11.00
1005	05 X 7		7.11	-0.24	15.2	0.0	1760	-46	1.46	-0.68	311.0	0.5	1.03	-0.29		11.05
1010	x		6.90	-0.21	15.3	0.1	1743	-17	1.22	-0.24	307.4	-3.6	1.34	0.31	120	11.10
1015			6.86	-0.04	15.5	0.2	1748	5	0.72	-0.50	306.4	-1.0	1.32	-0.02		11.15
1020	x		6.84	-0.02	15.6	0.1	1743	-5	0.69	-0.03	304.7	-1.7	1.20	-0.12		11.20
1025	x		6.81	-0.03	15.7	0.1	1741	-2	0.71	0.02	303.2	-1.5	0.90	-0.30	120	11.23
1030	х		6.80	-0.01	15.7	0.0	1743	2	0.74	0.03	302.5	-0.7	0.92	0.02	120	11.25
1035	х		6.79	-0.01	15.7	0.0	1742	-1	0.73	-0.01	302.0	-0.5	0.85	-0.07	120	11.28
1040		x	6.79	0.00	15.7	0.0	1740	-2	0.75	0.02	301.4	-0.6	0.87	0.02	120	11.30
1045		X	6.80	0.01	15.7	0.0	1736	-4	0.79	0.04	300.3	-1.1	0.90	0.03	120	11.33
1050		X	6.80	0.00	15.7	0.0	1731	-5	0.82	0.03	299.0	-1.3	0.93	0.03	120	11.35
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		_						10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-								
									tint a							
					1903											
	2	-														
Comment	s:				began @											
ORP readi	ngs a	re rep	orted relativ	e to the S	e time @ tandard Hyro	drogen Ele	ectrode.	Primary	Review:	LM 03/2	24/11	Second	ary Review	:	SS 03/28/	11
NDICATOR	C PAR	AMET	ERS HAVE S	IABILIZED	WHEN 3 CO	NSECUTIV	E READINGS	ARE WITH	N: + 0.1 for p	H: + 3% for	r Specific Cor	ductivity a	and			

Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

	-	litor		DD	Glomov	City			Clier	t / Sito:		Dre	esdner Ro	hin		
			100 million (* 1	211.31	G Jersey								6.1. 4			
					3/19/2011	1.1.1.1			Field Per					on		
v	veat	ner:	_	3	Sunny/ 50°			-		1.00			24305			
							Well Depth:	1	7.47	_ft	Scr	eened/Op	en Interval:		12.0	ft
Well	Perm	nit #:		NA		- We	II Diameter:		4	inches						
PID/FID R (ppm):	eadir		Backgroun	ıd:		NA			Pump Intal	ke Depth:		17.0		ft below	тос	
			Beneath O	uter Cap:		NA			Depth to Wa	ater Befor	e Pump Ins	tallation:	10,9	95	ft below TC	oc
			Beneath In	ner Cap:	and the second	NA	الأرتيانية		Purg	e Method	BI	adder Pur	mp			
TIME	Purging	Sampling	pł (pH u Reading	nits)	Temper (°C	;)	Spec Conduc (us/c Reading	ctivity :m)	Disso Oxyg (mg.	jen /L)	Red Poter (m\	ntial /)	Turbi (NT	U)	Pumping Rate (ml/min)	Depth to Water (ft below
1055		0)								Change	a sector	Change		Change		TOC)
1055	X	11	6.79	NA	16.0	NA	1744	NA	0.70	NA	302.0	NA	1.26	NA	120	11.40
1100	Х	-	6.79	0.00	15.8	-0.2	1742	-2	0.69	-0.01	302.6	0.6	1.13	-0.13	120	11.40
1105	х		6.79	0.00	15.8	0.0	1745	3	0.68	-0.01	303.7	1.1	1.04	-0.09	120	11.42
1110	х		6.79	0.00	15.6	-0.2	1738	-7	0.68	0.00	304.8	1.1	1.21	0.17	120	11.45
1115	х		6.79	0.00	15.7	0.1	1737	-1	0.68	0.00	305.2	0.4	1.14	-0.07	120	11.45
1120	х		6.79	0.00	15.8	0.1	1728	-9	0.68	0.00	305.7	0.5	1.19	0.05	120	11.50
1125		x	6.79	0.00	15.8	0.0	1726	-2	0.70	0.02	304.2	-1.5	1.22	0.03	120	11.50
1130		X	6.79	0.00	15.9	0.1	1725	-1	0.71	0.01	302.2	-2.0	1.25	0.03	120	11.53
1135		X	6.79	0.00	15.9	0.0	1724	-1	0.71	0.00	301.9	-0.3	1.24	-0.01	120	11.55
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omments	 ;:				began @ e time is						DTW at s	tart of r		11 25		
RP readir	ngs ai	re rep		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	tandard Hyr		ectrode.	Primary	Review:	LM 03/2			ary Review		SS 03/28	/11

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		Site:		PP	G Jersey	City			Clier	nt / Site:		Dr	esdner Ro	bin		
	D	ate:			3/19/2011				Field Per	sonnel:		St	eve Schul	ze		
v	Veat	her:		5	Sunny/ 50°	F	-			Job #			24306			
Monitori	ng W	ell #:		MW-3-12.	5		Well Depth:	1	9.40	ft	Scr	eened/Op	en Interval:		10.0	ft
	-	No. of Concession, Name		NA		. We	II Diameter:		4	inches						
PID/FID R (ppm):	eadi	ngs	Backgroun	id:		NA			Pump Intak	e Depth:		12.5		ft below	тос	
			Beneath O	uter Cap:	_	NA			Depth to Wa	ater Befor	e Pump Ins	tallation:	8.6	2	ft below TO	oc
	_		Beneath In	ner Cap:		NA				e Method		adder Pu	mp			
TIME	Purging	Sampling	pł (pH u		Temper (°C		Spec Conduc (us/c	ctivity	Disso Oxyg (mg/	jen	Red Poter (m\	itial	Turbi (NT		Pumping Rate	Depth to Water (ft below
_	Pu	Sai	Reading	Change			Reading				Reading				(mi/min)	TOC)
0949	X		9.16	NA	13.0	NA	1975	NA	2.78	NA	231.8	NA	1.70	NA	160	8.71
0954	x		8.27	-0.89	12.5	-0.5	1882	-93	2.51	-0.27	247.3	15.5	1.16	-0.54	160	8.78
0959	x		7.75	-0.52	12.5	0.0	1814	-68	2.51	0.00	252.8	5.5	0.82	-0.34	160	8.82
1004	x	24	7.63	-0.12	12.5	0.0	1797	-17	2.46	-0.05	254.2	1.4	0.99	0.17	160	8.82
1009	x		7.48	-0.15	12.6	0.1	1764	-33	2.51	0.05	255.5	1.3	0.68	-0.31	160	8.83
1014	x		7.33	-0.15	12.7	0.1	1736	-28	2.43	-0.08	258.1	2.6	0.63	-0.05	160	8.83
1019	х		7.28	-0.05	12.7	0.0	1722	-14	2.46	0.03	259.3	1.2	0.61	-0.02	160	8.83
1024	х		7.25	-0.03	12.8	0.1	1718	-4	2.44	-0.02	259.4	0.1	0.65	0.04	160	8.83
1029		X	7.25	0.00	12.8	0.0	1700	-18	2.43	-0.01	260.2	0.8	0.63	-0.02	160	8.83
1034		X	7.21	-0.04	12.9	0.1	1696	-4	2.41	-0.02	261.3	1.1	0.60	-0.03	160	8.83
				1.1.1									_			
									1. s.b.,							
		_														
Commerci																
Comment			Pump or				Sample									
ORP readi	ngs a	re re	ported relativ	ve to the S	tandard Hyro	drogen Ele	ectrode.	Primary	Review:	SS 03/2	4/11	Second	ary Review		LM 03/28	/11

Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

	S	ite:	_	PP	G Jersey	City			Clier	nt / Site:		Dre	esdner Ro	bin		
	D	ate:			3/19/2011				Field Per	sonnel:		St	eve Schul	ze		
v	Veat	her:		5	Sunny/ 50°	F				Job #			24306			
· · · · · · · · · · · · · · · · · · ·	· · · · · ·	196.2			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Well Depth:	1	9.40			10.00	en Interval:		10.0	ft
Well	Perm	it #:		NA		We	II Diameter:		4	inches						
PID/FID R ppm):		ngs	Backgroun						Pump Intal	e Depth:		17.5		ft below	тос	
			Beneath O	uter Cap:		NA					e Pump Ins			1.111	ft below T(oc
			Beneath In	ner Cap:		NA			Purge	e Method	ВІ	adder Pui	np			
TIME	Purging	Sampling	pH (pH ui	nits)	Temper (°C	;)	Spec Conduc (us/c Reading	ctivity m)	Disso Oxyg (mg/	jen 'L)	Rede Poten (m\	itial /)	Turbi (NT	U) Û	Pumping Rate	Depth t Water (ft below TOC)
4000	1.00	-			2010						1.18					
1039	X		7.15	NA	12.9	NA	1680	NA	2.41	NA	259.5	NA	0.94	NA	170	8.83
1044	Х	-	7.11	-0.04		0.3	1674	-6	2.33	-0.08		4.6	0.75	-0.19	170	8.84
1049	Х		7.11	0.00	13.2	0.0	1668	-6	2.31	-0.02	264.8	0.7	0.77	0.02	170	8.84
1054	Х		7.11	0.00	13.2	0.0	1663	-5	2.28	-0.03	265.3	0.5	0.80	0.03	170	8.84
1059		X	7.11	0.00	13.3	0.1	1660	-3	2.27	-0.01	266.8	1.5	0.81	0.01	170	8.84
1104		X	7.10	-0.01	13.3	0.0	1659	-1	2.29	0.02	266.3	-0.5	0.79	-0.02	170	8.84
										1						
										1.764						
										1735						
										4.34						
											3 - e - i					
					1.238											
		-						1								
		-														
omments								-							_	

Site: Di	C. Janaau City		1.1	Clier	4 / 8:44	177	De	adaan Da	la la		
Site: Pl	1. 1 × 1 × 1				1.1			esdner Ro	1.4		
Date:				Field Fer				eve Schul	20		
eather:			•								
Well #: MW-5-12						Scr	eened/Op	en Interval:		15.0	ft
ermit #:NA adings		ell Diameter:	- 10 B						eineir in		_
	X			Pump Intak		1.1.1.1.1.1				тос	
	NA			Depth to Wa					9	ft below TC)C
Beneath Inner Cap:	NA	Spec	fic	Purge Disso	e Method	BI	and the second second	mp			Depth to
Di pH Lijd (pH units) Di w Reading Change	Temperature (°C) Reading Change	Conduc (us/c	tivity m)	Oxyg (mg/	jen 'L)	Poten (m\	ntial /)	Turbi (NT Reading	U) (U	Pumping Rate (ml/min)	Water (ft below TOC)
X 6.84 NA	13.7 NA	1325	NA	0.85	NA	310.7	NA	0.99	NA	240	9.93
X 6.73 -0.11	13.3 -0.4	1320	-5	0.71	-0.14		-8.9	1.02	0.03	240	10.04
X 6.65 -0.08	13.2 -0.1	1319	-1	0.66	-0.05	296.1	-5.7	1.01	-0.01	160	10.09
X 6.59 -0.06	13.1 -0.1	1317	-2	0.64	-0.02	292.0	-4.1	1.07	0.06	160	10.14
X 6.55 -0.04	13.0 -0.1	1315	-2	0.63	-0.01	290.4	-1.6	1.01	-0.06	160	10.20
X 6.53 -0.02	13.0 0.0	1313	-2	0.63	0.00	289.4	-1.0	1.00	-0.01	160	10.26
X 6.50 -0.03	13.0 0.0	1312	-1	0.63	0.00	289.1	-0.3	0.99	-0.01	160	10.31
X 6.48 -0.02	13.0 0.0	1314	2	0.64	0.01	288.4	-0.7	0.96	-0.03	160	10.34
									- 10-11-1		
Pump on @											

				DD	C. Inman	014			Clie	4 / 0:40.		De	andrea De	la la	of	The second second
			1000		G Jersey								esdner Ro	1.1.1		
					3/19/2011				Field Per			1.11	1.1.1	ze		
		1			Sunny/ 50°					A MASS		1 B.S.			-	-
					0		Well Depth:		144 S. S.		Scr	eened/Op	en Interval:		15.0	. ^{ft}
Well PID/FID R	-	_		NA		We	Il Diameter:		4	inches						
(ppm):	cuun	.95	Backgroun	d:		NA		463	Pump Intak	e Depth:		16.0		ft below	тос	
			Beneath O	uter Cap:		NA			Depth to Wa	ater Befor	e Pump Ins	tallation:	9.8	9	ft below TO	oc
			Beneath In	ner Cap:		NA			and the second	e Method			mp			
TIME	Purging	Sampling	pH (pH ui	nits)	Temper (°C	;)	Spec Conduc (us/c Reading	ctivity m)	Disso Oxyg (mg/	jen /L)	Red Poten (m\	ntial /)	Turbi (NT	U)	Pumping Rate (ml/min)	Depth to Water (ft below TOC)
						Change		Change				Change		Change		
1204	X		6.50	NA	13.3	NA	1309	NA	0.69	NA	307.0	NA	1.71	NA	160	10.39
1209	X		6.47	-0.03	13.2	-0.1	1316	7	0.66	-0.03	302.5	-4.5	1.69	-0.02	160	10.43
1214	х		6.45	-0.02	13.1	-0.1	1323	7	0.64	-0.02	302.7	0.2	1.74	0.05	160	10.47
1219		x	6.44	-0.01	13.0	-0.1	1328	5	0.60	-0.04	303.0	0.3	1.66	-0.08	160	10.51
1224		X	6.44	0.00	12.9	-0.1	1331	3	0.59	-0.01	303.2	0.2	1.68	0.02	160	10.55
		-														<u></u>
							50.2									
		_														
	-	_														
omments																

													Sheet		of	1
1.11	5	Site:		PP	G Jersey	City			Clier	nt / Site:		Dre	esdner Ro	bin		
	D	ate:			3/19/2011	1.14 			Field Per	sonnel:		D.	Nonemal	ker		
V	Veat	her:			Sunny/ 50°	F				Job #			24306			
Monitorin	ng W	ell #:	-	MW-4-12.	5	-	Well Depth:	2	0.00	ft	Scr	eened/Op	en Interval:		10.0	ft
Well	Pern	nit #:		NA		We	II Diameter:		4	inches						10. A
PID/FID R (ppm):	eadi	ngs	Backgroun	id:		NA			Pump Intak	e Depth:		12.5		ft below	тос	
			Beneath O	uter Cap:		NA			Depth to Wa	ater Befor	e Pump Ins	tallation:	6.9	3	ft below TO)C
			Beneath In	ner Cap:		NA			Martin Contractor	in the second	BI		np			
TIME	Purging	Sampling	pł (pH u Reading	nits)	Tempe (°C	;)	Spec Conduc (us/c Reading	ctivity m)	Disso Oxyg (mg/ Reading	jen 'L)	Rede Poten (m\	itial /)	Turbi (NT Reading	U) U	Pumping Rate	Depth to Water (ft below
0055			1.1.1.2								Reading				(ml/min)	TOC)
0955	X		8.00	NA	10.7	NA	732	NA	2.72	NA	247.0	NA	3.85	NA	140	7.05
1000	X		7.80	-0.20	10.6	-0.1	668	-64	1.29	-1.43	251.2	4.2	1.48	-2.37	140	7.10
1005	X	_	7.50	-0.30	10.5	-0.1	648	-20	1.13	-0.16	258.9	7.7	1.36	-0.12	140	7.13
1010	X	-	7.30	-0.20	10.6	0.1	643	-5	1.06	-0.07	266.1	7.2	0.97	-0.39	180	7.20
1015	Х		7.30	0.00	10.7	0.1	640	-3	0.95	-0.11	271.4	5.3	0.53	-0.44	180	7.26
1020	х	1	7.30	0.00	10.7	0.0	639	-1	0.92	-0.03	275.2	3.8	0.31	-0.22	180	7.28
1025	х		7.30	0.00	10.7	0.0	638	-1	0.89	-0.03	277.8	2.6	0.18	-0.13	180	7.30
1030	e Second	х	7.30	0.00	10.7	0.0	636	-2	0.87	-0.02	280.0	2.2	0.00	-0.18	180	7.31
1035		х	7.30	0.00	10.7	0.0	634	-2	0.85	-0.02	281.8	1.8	0.00	0.00	180	7.32
1040		х	7.28	-0.02	10.8	0.1	633	-1	0.83	-0.02	283.5	1.7	0.00	0.00	180	7.32
1045		х	7.27	-0.01	10.8	0.0	632	-1	0.81	-0.02	284.9	1.4	0.00	0.00	180	7.32
1050		х	7.26	-0.01	10.8	0.0	630	-2	0.79	-0.02	286.3	1.4	0.00	0.00	180	7.32
1055		х	7.25	-0.01	10.8	0.0	628	-2	0.76	-0.03	288.1	1.8	0.00	0.00	180	7.32
				43.6												
														e e		
-																
					-											
Comment	s:															
			ported relativ				ectrode	Primary	Review: DI	N 3/26/1	1	Seconda	ary Review	:	JK 3/29/20	011
MIDICATO	DAD	ALLEY	ERS HAVE S		WHEN 2 CO	MISSING INCOME		ADE WITT	No. 1 O d form	1	B	- ALANA	and the second se		States and States and States	Strains Strains

Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

	S	Site:		PP	G Jersey	City			Clier	t / Site:		Dr	esdner Ro	bin		
	D	ate:			3/19/2011				Field Per	sonnel:		D.	Nonemal	ker	in the	1.1
M	/eat	her:		S	Sunny/ 50°	F	La Ar	_		Job #			24306			
Monitorin	g We	ell #:		MW-4-17.	5		Well Depth:	2	0.00	ft	Scr	eened/Op	en Interval:		10.0	ft
				NA		We	II Diameter:		4	inches						
PID/FID R ppm):	eadii		Backgroun	ıd:		NA			Pump Intak	e Depth:		17.5		ft below	тос	
			Beneath O	uter Cap:		NA			Depth to Wa	iter Befor	e Pump Ins	tallation:	6.9	3	ft below TO	oc
			Beneath In	ner Cap:		NA	Sec. 1	Links	Purge	Method	В	ladder Pu	mp			
TIME	Purging	Sampling	pł (pH u Reading	nits)	Temper (°C)	Spec Conduc (us/c Reading	ctivity :m)	Disso Oxyg (mg/ Reading	len L)	Red Poter (m)	ntial /)	Turbi (NT Reading	U)	Pumping Rate (ml/min)	Depth to Water (ft below
1105		S									1.1		51 × 10 ¹			TOC)
1105	X		7.33	NA	10.5	NA	635	NA	1.40	NA	281.8	NA	1.92	NA	200	7.32
1110	Х		7.33	0.00	10.6	0.1	642	7	1.25	-0.15	277.3	-4.5	1.61	-0.31	200	7.42
1115	Х		7.33	0.00	10.7	0.1	647	5	0.97	-0.28	274.0	-3.3	1.36	-0.25	200	7.46
1120	Х	6	7.33	0.00	10.8	0.1	652	5	0.88	-0.09	270.4	-3.6	1.19	-0.17	200	7.50
1125	Х		7.33	0.00	11.2	0.4	655	3	0.70	-0.18	269.8	-0.6	1.14	-0.05	200	7.53
1130	х		7.30	-0.03	11.3	0.1	654	-1	0.70	0.00	268.5	-1.3	1.11	-0.03	200	7.55
1135	х		7.28	-0.02	11.3	0.0	656	2	0.70	0.00	269.7	1.2	1.06	-0.05	200	7.56
1140		х	7.26	-0.02	11.3	0.0	655	-1	0.70	0.00	269.9	0.2	0.94	-0.12	200	7.56
1145	- 10	х	7.25	-0.01	11.3	0.0	654	-1	0.70	0.00	270.4	0.5	0.71	-0.23	200	7.56
														11 F. A. A.		
		-														
	-	_			- Marine Marine											
	-										141 - 14 - 1 1					
omments					in the second	X.	÷			- Alera	5.000		Contraction of the			الما وريدة

Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

	5	Site:		PP	G Jersey	City			Clier	nt / Site:		Dr	esdner Ro	bin		
	D	ate:			10/13/201	1	and the	$\frac{1}{2}$	Field Per	sonnel:	<u>1. 1. 4</u>		T. Lesinsk	il		
۷	Veat	her:		Lig	ght Rain/5	3°F	1			Job #	d and a		32369			
Monitorir	ng We	ell #:		" the d			Well Depth:		0.35	ft	Scr	eened/Op	en Interval:	9	- 14	ft
Well PID/FID R	241		_	NA		We	II Diameter:		4	inches	(en en en linneter	-		
ppm):	cuun	.95	Backgroun	id:	and the second second	NA			Pump Intal	e Depth:		13.0		ft below	тос	
			Beneath O	uter Cap:		NA		•	Depth to Wa	ater Befor	e Pump Ins	tallation:	9.7	8	ft below TO	oc
-	L	_	Beneath In	ner Cap:		NA	Spec	ific	Purge Disso	e Method	Bi	adder Pu	np			Depth t
TIME	Purging	Sampling	pH (pH un Reading		Temper (°C Reading	;)	Conduc (us/c	ctivity m)	Oxyg (mg/ Reading	jen /L)	Poten (m\	ntial /)	Turbi (NT Reading	U)	Pumping Rate (ml/min)	Water (ft below TOC)
0950	x		7.04	NA	19.1	NA	639	NA	0.83	NA	302.4	NA	40.1	NA	160	10.24
0955	x		6.96	-0.08	19.0	-0.1	598	-41	0.65	-0.18	300.2	-2.2	41.2	1.1	160	10.45
1000	X		6.96	0.00	19.0	0.0	589	-9	0.72	0.07	296.1	-4.1	42.8	1.6	160	10.82
1005	х		6.95	-0.01	19.1	0.1	588	-1	0.67	-0.05	294.0	-2.1	38.1	-4.7	100	10.77
1010	х		6.96	0.01	19.1	0.0	585	-3	0.67	0.00	286.8	-7.2	37.1	-1.0	100	10.68
1015	х		6.95	-0.01	19.1	0.0	583	-2	0.58	-0.09	289.5	2.7	29.4	-7.7	100	10.68
1020	х		6.94	-0.01	19.1	0.0	582	-1	0.56	-0.02	289.1	-0.4	19.4	-10.0	100	10.68
1025	Х	-	6.94	0.00	19.1	0.0	580	-2	0.56	0.00	288.8	-0.3	18.7	-0.7	100	10.68
1030	Х		6.93	-0.01	19.1	0.0	579	-1	0.55	-0.01	288.4	-0.4	18.0	-0.7	100	10.68
1035		X	6.92	-0.01	19.1	0.0	577	-2	0.59	0.04	288.6	0.2	17.8	-0.2	100	10.68
1040		X	6.92	0.00	19.1	0.0	578	1	0.63	0.04	288.2	-0.4	17.6	-0.2	100	10.68
1045		×	6.91	-0.01	19.1	0.0	577	-1	0.61	-0.02	288.0	-0.2	17.2	-0.4	100	10.68
	1															
	-	-														
ommente	s:				began at 311 @ 1		Sample	time is	1031.					11 C 1		

									and Section 20				Sheet	1	- of	1
	5	Site:		PP	G Jersey	City			Clier	nt / Site:		Dre	esdner Ro	bin		
	D	ate:			10/13/201	1			Field Per	sonnel:			T. Lesinsk	i		
V	Veat	her:		Lig	ght Rain/5	3°F				Job #			32369			
Monitorin	ng W	ell #:		108_MW-	7		Well Depth:	1	8.17	.ft	Scr	eened/Op	en Interval:	5	- 10	ft
Well PID/FID R		-		NA		. We	II Diameter:	_	2	inches						
(ppm):	eau	ngs	Backgroun	id:		NA			Pump Intal	e Depth:		10.0		ft below	тос	
			Beneath O	uter Cap:		NA			Depth to Wa	ater Befor	e Pump Ins	tallation:	8.8	1	ft below TO	oc
	<u> </u>		Beneath In	ner Cap:		NA	- Enco	161.0		e Method		adder Pur	np			Donth 4-
TIME	Purging	Sampling	pH (pH un Reading	nits)	Temper (°C Reading)	Spec Conduc (us/c Reading	tivity m)	Disso Oxyg (mg Reading	jen ′L)	Red Poter (m\	ntial /)	Turbi (NT Reading	U)	Pumping Rate (ml/min)	Depth to Water (ft below TOC)
1100	x	am)	7.21		18.9	000259	303									1.1.1.14
1105	^ X		7.07	NA -0.14	18.7	-0.2	292	-11	2.44 1.72	NA -0.72	316.2 305.1	NA -11.1	59.5 37.4	NA -22.1	100 100	9.05
1110	×	-	7.06	-0.01	18.6	-0.2	292	-2	1.07	-0.65	288.2	-16.9	16.4			9.19
1.1.4	1.0													-21.0		9.33
1115	X		7.01	-0.05	18.5	-0.1	293	3	0.71	-0.36	276.9	-11.3	9.98	-6.42	100	9.38
1120	X		6.92	-0.09	18.4	-0.1	294	1	0.63	-0.08	266.5	-10.4	7.32	-2.66	100	9.43
1125	X		7.02	0.10	18.5	0.1	292	-2	0.55	-0.08	256.0	-10.5	5.71	-1.61	100	9.45
1130	X		7.05	0.03	18.7	0.2	292	0	0.49	-0.06	244.4	-11.6		-0.70		9.47
1135	X		7.08	0.03	18.7	0.0	289	-3	0.47	-0.02	237.9	-6.5	4.83	-0.18		9.47
1140	Х		7.08	0.00	18.8	0.1	291	2	0.46	-0.01	236.4	-1.5	4.70	-0.13		9.47
1145		×	7.08	0.00	18.7	-0.1	288	-3	0.64	0.18	235.4	-1.0	4.66	-0.04		9.47
1150		X		0.00	18.8	0.1	284	-4	0.73	0.09	234.8	-0.6	4.52	-0.14		9.47
1155		X	7.10	0.02	18.8	0.0	281	-3	0.69	-0.04	233.1	-1.7	6.78	2.26	100	9.47
1200		X	7.10	0.00	18.8	0.0	285	4	0.71	0.02	232.4	-0.7	9.98	3.20	100	9.47
1205		X	7.09	-0.01	18.7	-0.1	286		0.66	-0.05	232.0	-0.4	7.42	-2.56	100	9.47
1210	_	X	7.09	0.00	18.8	0.1	289	3	0.67	0.01	231.4	-0.6	5.43	-1.99	100	9.47
		_														
								_								
						46.5.5				3						
Comment	5:			Purge	began at	: 1055.	Sample	time is	5 1141.							
			ported relativ					Primary		TL 10/18			ary Review	r:	SS 10/18/	11

Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

DATE:	2/24/2011		:Dre	esdner Robin	SITE:	:PF	PG Jersey City
NEATHER:	Cool, 40° F		: 0830	DEPARTURE:	1	730	JOB #: 23410
ANALYS	T / FIELD SAMPLER	:	K. Harrelson	FIELI	D SAMPLER:		
		FIELD IN	ISTRUMENT	AND CALIBRAT			
	M	ETER ID'	S				
00	METER M-043	-	PROB MP-13		Set to :	Turbidit	y (NTU) 4000
OH COND. ORP	E-016 M-024 M-036	-	MP-10 MP-08 MP-12	3	Lot & Exp	. <u>A</u> C	0278 3-10-11
	M-050	-		<u> </u>	Read :	True Value	1.00
	DISSOLVED OX Water Temp (°C) 1	1.6			Result	0.93
	netric Press (mm Hg O2 Saturation % Inst be to 100% O2 Saturation	1	769 100			be within 10%	38030 3-10-11 of True Value.
Calibration mu		H			l of # o	nd Evninati	an Data
Buffer 4.01	4.00	Temp (°C)	12.6			nd Expiration 0263 7/201	
	7.05	Temp (°C)				9273 9/201	
	10.15	-				0333 11/20	
	erformed at	_ (0)	0905	the second second second second		0000 11/20	
pH buffe	or 7.00	ORP	T				
w/quinhy		02.6	_ Temp (°C)	14.0	Lot / Exp Da	te	A0034 2/2012
The reading sh pH buffe w/quinhy				20°C, +90 mV at 25°C 10.0	Lot / Exp Da	te	A0071 3/2014
The reading sh	ould be between +170mV	at 20°C and +'	185mV at 25°C abo	ove the reading in the 7 buf	fer mixture	- 7 - 2.5	
				Quinhydrone	Lot / Exp Da	te	Q17266 3/2013
	SPECIFIC CO	NDUCTA	NCE				
	· · · · · · · · · · · · · · · · · · ·	000 0.0	<u>a</u> - -	Lot # and Expirati A0257 9/20			
NOTES:	Primary Re	eview:	TP 3/7/11	Secondary R	Review: KBH (3/08/2011	

	DATE:	2/9/2011	CLIENT	: Dres	dner Robin	SITE:	1	PPG Jersey City
<section-header></section-header>	WEATHER:	Sunny, 20° F		: 0830	DEPARTURE:	14	130	JOB #:
METER ID'S METER ID'S Turbidity 00 M-007 MP-118 Set to:: 4000 00 MD. M-033 MP-118 Set to:: 4000 00 MD. M-035 MP-118 Set to:: 4000 00 MD. M-041 MP-111 Read:: True Value 10.0 00 MD. M-048 MP-111 Read:: True Value 10.0 01 MD. M-048 MP-111 Read:: True Value 10.0 01 MD. MALTER (D'S) MP-111 Read:: True Value 10.0 02 Saturation % 100 True Value 10.0 Result 9.9 Calibration musts to to 100% 02 Saturation % 100 Not 300 3/10/11 "Result must be within 10% of True Value. Calibration musts to to 100% 02 Saturation % 10.4 A9273 09/2013 A9328 11/2011 uffer 10.01 10.18 Temp (°C) 10.6 A0333 11/2011 alibration performed at 840 A9273 09/2013 A9328 11/2011	ANALYST	/ FIELD SAMPLE	R:	D. Miller	FIEL	D SAMPLER:		S. Schulze
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	Buffer 10.01 Calibration perfo oH meter should be emp. of calibration. pH buffer 7. w/quinhydro The reading should pH buffer 4. w/quinhydro The reading should St R R	10.18 ormed at e calibrated using 3 bu . After calibration read .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .01 .02 .03 .04 .05 .06 .07 .08 .09 .00 .01 .02 .03 .04 .05 .06 .07 .08 .09 .010 .02 <	Temp (°C) Iffers. pH Calibra buffer 7.00 - it s ORP 99.8 n the following va 273.4 at 20°C and +18 ONDUCTA! DUS/CM NaC 1000 10.6	10.6 840 ation readings should hould read ± 0.05 from _Temp (°C) alues: +96 mV at 20°C _Temp (°C) _Temp (°C) _S5mV at 25°C above the	n actual value at temp. o 10.7 2, +90 mV at 25°C 10.8 he reading in the 7 buffer Quinhydrone Lot # and Expirat	Additional Addition A	0333 11/2 e at se	2011 A9328 11/2011 A9273 09/2013
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WEATHER: Sunny, 20° F ARRIVAL: 0830 DEPARTURE: 1430 JOB #: 22930 ANALYST/FIELD SAMPLER: Steve Schulze FIELD INSTRUMENT AND CALIBRATION DATA FIELD INSTRUMENT AND CALIBRATION DATA METER PROBE Turbidity Set to : 4000 DO E-005 EP-043 Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2" ON PROBE Turbidity Set to : Turbidity DO E-005 EP-043 Lot & Exp. A0678 03/10/11 Colspan="2">Colspan="2" Colspan="2" Colspan="2" DISSOLVED OXYGEN Result 9.9 Water Temp (°C) 13.8 Lot & Exp. Colspan="2" DISSOLVED OXYGEN PM Colspan="2" DISSOLVED OXYGEN <td colspan<="" th=""><th>DATE</th><th>: 2/9/2011</th><th>_ CLIENT:</th><th>Dresdne</th><th>er Robin</th><th> SITE:</th><th>PPG J</th><th>ersey City</th></td>	<th>DATE</th> <th>: 2/9/2011</th> <th>_ CLIENT:</th> <th>Dresdne</th> <th>er Robin</th> <th> SITE:</th> <th>PPG J</th> <th>ersey City</th>	DATE	: 2/9/2011	_ CLIENT:	Dresdne	er Robin	SITE:	PPG J	ersey City
FIELD INSTRUMENT AND CALIBRATION DATA METER ID'S METER ID'S Turbidity DO E-011 EP-0403 COND. E-006 EP-043 COND. E-009 EP-043 DO SECUED OXYGEN Read: True Value 10.0 Name True Value 10.0 DISSOLVED OXYGEN Read: True Value 9.9 Ustantion To Press (mM Mg) 768 C03300 03/10/11 Calibration must be to 100% C2 Saturation % 100 True Value. DH Lot # and Expiration Date A0051 02/14 Buffer 1.01 1.0.12 Temp (°C) 13.7 Buffer 1.01 10.12 Temp (°C) 13.9 Buffer 7.00 7.03 Temp (°C) 13.8 Buffer 1.01 10.12 Temp (°C) 13.8 Ph tower should be calibrated using 3 buffer 1.02 - 1 should read ± 0.05 from actual value at temp, or calibration. Calibration performed 1 0.03 - 1 (Temp (°C) 13.7 Lot # and Exploration readults abude be 2.05 ph units from actual value at temp, or calibration. A0057 02	WEATHER:	Sunny, 20° F	ARRIVAL:	0830	DEPARTURE:	1430		JOB #: 22930	
METER ID'S Turbidity DO E-011 EP-040 pH E-035 EP-043 COND. E-006 EP-021 Lot & Exp. A0678 03/10/11 Read: True Value 10.0 DISSOLVED OXYGEN Read: True Value 10.0 Water Temp (°C) 13.8 Lot & Exp. C03300 03/10/11 Calibration must be to 100% 02 saturation % 100 Result 9.9 Barometric Press (mm Hg) 768 C03300 03/10/11 "Result must be within 10% of True Value." Calibration must be to 100% 02 saturation % 100 Note: Temp (°C) 13.7 A0061 02/14 Suffer 1.01 10.12 Temp (°C) 13.6 A0057 02/12 A0057 02/12 Satibration performed at 0035 03/311 A0057 02/12 D0 Calibration performed at 0035 13.8 Lot / Exp Date A0057 02/12 The reading should be allbrated using 3 buffers. PH Calibration readings should be ± 0.05 PH units from actual buffer value at A0057 02/12 The reading should be within ±15mV from the following values: ±96 mV at 29°C pH uniter 4.00 A0057 02/12	ANALY	ST / FIELD SAMPLER	: 5	Steve Schulze	FIEL	D SAMPLER:	D.	Miller	
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NEEATHER: Summy 50° F ARRIVAL: 0830 DEPARTURE: 1300 JOB #: 2430 ANALYST / FIELD SAMPLER: T. Lesinski FIELD INSTRUMENT AND CALIBRATION DATA FIELD INSTRUMENT AND CALIBRATION DATA METER PROBE Turbidity OO METER PROBE Turbidity METER PROBE Turbidity OO METER PROBE Turbidity DO METER PROBE Turbidity DO Colspan="2">Turbidity DO METER PROBE Turbidity DO Colspan="2">Turbidity METER PROBE Turbidity METER PROBE Turbidity DO Colspanumator	ANALYST / FIELD SAMPLER: T. Lesinski FIELD SAMPLER:	DATE:	3/19/2011	CLIENT	: Dr	esdner Robin	SITE:		PPG Jersey Cit	у		
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amp. of calibration. After calibration read buffer 7.00 - it should read ± 0.05 from actual value at temp. of calibration. ORP pH buffer 7.00 w/quinhydrone 90.9 Temp (°C) 13.0 Lot / Exp Date A0343 12/12 The reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH buffer 4.00 w/quinhydrone 265.1 Temp (°C) 13.1 Lot / Exp Date A0061 2/14 The reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date A0257 9/15 Reading 1000 Temp (°C) 13.8 *Reading must be 1000 uS/cm	mp. of calibration. After calibration read buffer 7.00 - it should read ± 0.05 from actual value at temp. of calibration. ORP pH buffer 7.00 90.9 Temp (°C) 13.0 Lot / Exp Date A0343 12/12 the reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH buffer 4.00 A0061 2/14 the reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH buffer 4.00 A0061 2/14 the reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 Specific CONDUCTANCE Lot # and Expiration Date Standard 1000 + 10 uS/cm NaCl Reading must be 1000 uS/cm	alibration perf	formed at	ON SITE	0945				1. S. M.			
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pH buffer 7.00 90.9 Temp (°C) 13.0 Lot / Exp Date A0343 12/12 The reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH ouffer 4.00 a0061 2/14 The reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH ouffer 4.00 a0061 2/14 The reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C ph ouffer mixture a0061 2/14 The reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date Standard 1000 ± 10 uS/cm NaCl Reading 1000 Temp (°C) 13.8 *Reading must be 1000 uS/cm	pH buffer 7.00 90.9 Temp (°C) 13.0 Lot / Exp Date A0343 12/12 the reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH buffer 4.00 a0061 2/14 w/quinhydrone 265.1 Temp (°C) 13.1 Lot / Exp Date A0061 2/14 the reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date Standard 1000 ± 10 uS/cm NaCl Reading must be 1000 uS/cm	mp. of calibration	n. After calibration read b	ouffer 7.00 - it s	hould read ± 0.05	from actual value at ten	p. of calibration.					
pH buffer 7.00 90.9 Temp (°C) 13.0 Lot / Exp Date A0343 12/12 The reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH ouffer 4.00 a0061 2/14 The reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH ouffer 4.00 a0061 2/14 The reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C ph ouffer mixture a0061 2/14 The reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date Standard 1000 ± 10 uS/cm NaCl Reading 1000 Temp (°C) 13.8 *Reading must be 1000 uS/cm	pH buffer 7.00 90.9 Temp (°C) 13.0 Lot / Exp Date A0343 12/12 the reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH buffer 4.00 a0061 2/14 w/quinhydrone 265.1 Temp (°C) 13.1 Lot / Exp Date A0061 2/14 the reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date Standard 1000 ± 10 uS/cm NaCl Reading must be 1000 uS/cm			OPP								
w/quinhydrone 90.9 Temp (°C) 13.0 Lot / Exp Date A0343 12/12 The reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH buffer 4.00 w/quinhydrone 265.1 Temp (°C) 13.1 Lot / Exp Date A0061 2/14 The reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH buffer 4.00 w/quinhydrone 265.1 Temp (°C) 13.1 Lot / Exp Date A0061 2/14 The reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date A0257 9/15 *Reading 1000 ± 10 uS/cm Temp (°C) 13.8 *Reading must be 1000 uS/cm	w/quinhydrone 90.9 Temp (°C) 13.0 Lot / Exp Date A0343 12/12 The reading should be within ±15mV from the following values: +96 mV at 20°C, +90 mV at 25°C pH buffer 4.00 A0061 2/14 W/quinhydrone 265.1 Temp (°C) 13.1 Lot / Exp Date A0061 2/14 The reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Q17226 3/13 SPECIFIC CONDUCTANCE Standard 1000 ± 10 uS/cm NaCl A0257 9/15 Reading 1000 13.8 A0257 9/15 "Reading must be 1000 uS/cm	pH buffer 7	.00	URF								
pH buffer 4.00 w/quinhydrone 265.1 Temp (°C) 13.1 Lot / Exp Date A0061 2/14 The reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date A0057 9/15 Standard 1000 10.0 13.8 A0257 9/15 *Reading must be 1000 uS/cm	pH buffer 4.00 w/quinhydrone 265.1 Temp (°C) 13.1 Lot / Exp Date A0061 2/14 The reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date A0257 9/15 Reading 1000 13.8 A0257 9/15 "Reading must be 1000 uS/cm		one <u>9</u>	0.9	Temp (°C)	13.0	Lot / Exp Dat	te	A0343 12/12			
w/quinhydrone 265.1 Temp (°C) 13.1 Lot / Exp Date A0061 2/14 The reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date Standard 1000 ± 10 uS/cm NaCl Reading 1000 A005 9/15 "Reading must be 1000 uS/cm	w/quinhydrone 265.1 Temp (°C) 13.1 Lot / Exp Date A0061 2/14 The reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date Standard 1000 ± 10 uS/cm NaCl Reading 1000 Temp (°C) 13.8 *Reading must be 1000 uS/cm			the following v	alues: +96 mV at	20ºC, +90 mV at 25ºC						
Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date A0257 9/15 Standard 1000 13.8 A0257 9/15 *Reading must be 1000 uS/cm 1000 uS/cm A0257 9/15	Quinhydrone Lot / Exp Date Q17226 3/13 SPECIFIC CONDUCTANCE Lot # and Expiration Date Standard 1000 ± 10 uS/cm NaCl A0257 9/15 Reading 1000 13.8 *Reading must be 1000 uS/cm			5.1	Temp (°C)	13.1	Lot / Exp Dat	te	A0061 2/14			
SPECIFIC CONDUCTANCE Standard 1000 ± 10 uS/cm NaCl Reading 1000 Temp (°C) 13.8 *Reading must be 1000 uS/cm	SPECIFIC CONDUCTANCE Standard 1000 ± 10 uS/cm NaCl Reading 1000 Temp (°C) 13.8 *Reading must be 1000 uS/cm	he reading shoul	ld be between +170mV	at 20°C and +1	85mV at 25°C ab	ove the reading in the 7	buffer mixture					
SPECIFIC CONDUCTANCE Standard 1000 ± 10 uS/cm NaCl Reading 1000 Temp (°C) 13.8 *Reading must be 1000 uS/cm	SPECIFIC CONDUCTANCE Standard 1000 ± 10 uS/cm NaCl Reading 1000 Temp (°C) 13.8 *Reading must be 1000 uS/cm					Quinhydrone	Lot / Exp Dat	te	Q17226 3/13	3		
Standard 1000 ± 10 uS/cm NaCl Lot # and Expiration Date Reading 1000 A0257 9/15 Temp (°C) 13.8 A0257 9/15 *Reading must be 1000 uS/cm	Standard 1000 ± 10 uS/cm NaCl Lot # and Expiration Date Reading 1000 A0257 9/15 Temp (°C) 13.8 A0257 9/15 *Reading must be 1000 uS/cm											
Standard 1000 ± 10 uS/cm A0257 9/15 Reading 1000 13.8 Prevention Prevention<	Standard 1000 ± 10 uS/cm A0257 9/15 Reading 1000 13.8 *Reading must be 1000 uS/cm		SPECIFIC CO	NDUCTAI	NCE							
Reading 1000 Temp (°C) 13.8 *Reading must be 1000 uS/cm	Reading 1000 Temp (°C) 13.8 *Reading must be 1000 uS/cm	6	tandard 1000 + 10	uS/cm NaC								
Temp (°C) 13.8 *Reading must be 1000 uS/cm	Temp (°C) 13.8 *Reading must be 1000 uS/cm					AU201	5/15	1.21				
*Reading must be 1000 uS/cm	*Reading must be 1000 uS/cm				•							
NOTES: Primary Review: TL 3/23/11 Secondary Review: SS 03/24/11	NOTES: Primary Review: TL 3/23/11 Secondary Review: SS 03/24/11											
Thindry Noview. TE 0/20/11 Sconidaly Neview. 33 03/24/11		NOTES	Primany Pr	aview.	TI 3/23/11	Secondary Pou	iew: 55 03/24/4	1				
		110120.			120/20/11	Coolinaly Nev	1011. 00 03/24/1			_		

TestAmerica

		-	0830					
ANALYST / FI	ELD SAMPLEF			DEPARTURE:	1	300	JOB #:	
		۲: <u>ا</u>	isa Melanson	FIELC	SAMPLER:			
		FIELD I	NSTRUMENT	AND CALIBRAT	ION DATA	<u>.</u>		
	N	IETER ID'	S					
	METER		PROBE			Turbio	dity	
	M-032		EP-047		Set to :		100	
pH COND.	E-019 M-028	-	EP-045 EP-031		Lot 8 Evn	A10	20 4/10/11	
ORP	E-028	-	EP-031		LOI & EXP.	A10	120 4/10/11	
	E-055	_			Read :	True Value	1.00	
DIS	SOLVED O	XYGEN				Result _	1.05	
٧	ater Temp (°C	;)1	3.7					
	Press (mm Hg		63				8030 4/10/11	
Calibration must be to	2 Saturation		00		*Result must l	be within 10% of 1	Frue Value.	
Calibration must be to		оН						
		511			Lot#a	nd Expiration	Date	
Duffer 4 04	4.00	Tamm (90)	10.0			sur shire and		
and the second			13.6			A0061 2/14		
Buffer 7.00	7.06	_Temp (°C)				A0343 12/12		
Buffer 10.01	10.12	Temp (°C)	13.7	<u></u>	A0333 11/11			
Calibration perform	ed at		0835					
pH meter should be ca	librated using 3 bu	iffers. pH Calibr	ation readings shou	Id be ± 0.05 pH units from	actual buffer val	ue at		
emp. of calibration. Aft	er calibration read	buffer 7.00 - it s	hould read ± 0.05 fr	om actual value at temp. c	of calibration.			
		ORP						
pH buffer 7.00 w/quinhydrone	8	38.8	Temp (°C)	13.6	_Lot / Exp Dat	e A	0343 12/12	
The reading should be	within ±15mV from	n the following v	alues: +96 mV at 20	0⁰C, +90 mV at 25⁰C				
pH buffer 4.00 w/quinhydrone	2	68.4	Temp (°C)	13.6	_Lot / Exp Dat	e /	0061 2/14	
The reading should be	between +170mV	at 20°C and +1	85mV at 25ºC abov	e the reading in the 7 buff	er mixture			
				Quinhydrone	Lot / Exp Dat	e (217226 3/13	
		NDUCTA						
C		NDUCIA	NCE	Lot # and Expiration	on Date			
S		uS/cm NaC		A0257 9/15				
Stand		000						
Stand Read	ding 1							
Stand Read Temp	ding 1	3.8						
Stand Read Temp *Readin	ding 1 (°C) 1 g must be 1000 us	3.8 S/cm	IM 03/24		ary Review	55 03/2	8/11	
Stand Read Temp	ding 1 (°C) 1 g must be 1000 us	3.8	LM 03/24/	11 Second	dary Review:	SS 03/2	8/11	
Stand Read Temp *Readin	ding 1 (°C) 1 g must be 1000 us	3.8 S/cm	LM 03/24/	11 Second	dary Review:	SS 03/2	8/11	

DATE:	3/19/2011	CLIENT	: Dre	esdner Robin	SITE	PF	G Jersey City
WEATHER:	Sunny 50° F		:0830	DEPARTURE	:1	300	JOB #: 24306
ANALYST	/ FIELD SAMPLEI	R:	Steve Schulze	FIEL	D SAMPLER:		
		FIELD I	NSTRUMEN	T AND CALIBRA	TION DATA		
	and the second	METER ID'	S				
	METER		PROB	E		Turb	
	E-011		EP-040		Set to :	a and a state	100
H _	E-035	<u> </u>	EP-04				
COND.	E-006 E-009	-012.54	EP-02 EP-04		Lot & Exp	A1020	4/10/11
	E-009 E-058	<u> </u>	EF-04	<u>.</u>	Read :	True Value	1.0
	DISSOLVED O					Result	1.03
	Water Temp (°C		3.6				
Barome	etric Press (mm He		763			CO38030	
	O2 Saturation		100		*Result must	be within 10% o	f True Value.
Calibration must	t be to 100% O2 Satura						
		рН					
					Lot # a	and Expiration	on Date
Buffer 4.01	4.00	Temp (°C)	13.7			A0061 02/14	
Buffer 7.00	7.04	Temp (°C)	13.6		A0057 02/12		
Buffer 10.01	10.15	Temp (°C)	13.7		A0333 11/11		
Calibration per	formed at		0831				
pH meter should	be calibrated using 3 b	uffers. pH Calibi	ration readings sho	uld be ± 0.05 pH units fro	m actual buffer va	lue at	
emp. of calibratio	n. After calibration read	buffer 7.00 - it s	should read ± 0.05 f	from actual value at temp	. of calibration.		
		ORP					
pH buffer	7.00	ON					
w/quinhyd	rone	86.2	_Temp (°C)	13.7	Lot / Exp Dat	te	A0057 02/12
-	uld be within ±15mV fror	m the following v	values: +96 mV at 2	20°C, +90 mV at 25°C			
pH buffer w/quinhyd		69.8	_Temp (°C)	13.9	Lot / Exp Dat	te	A0061 02/14
The reading shou	uld be between +170m∨	/ at 20°C and +1	185mV at 25ºC abo	ve the reading in the 7 bu	iffer mixture		
				Quinhydrone	Lot / Exp Dat	te	Q17226 03/13
	SPECIFIC CC	ADUCIA	NUE				
	standard <u>1000 +</u> 10		<u>.</u>	Lot # and Expirat A0257 09/			
		000					
	eading must be 1000 us	13.8 S/cm					
NOTES:	Primary R	keview:	SS 03/24/11	Secondary I	Review:	LM 03/28/1	
				and the second second second			
			3				

DATE:	3/19/2011	CLIENT	: Dre	esdner Robin	SITE	- <u>P</u> I	PG Jersey Cit	/
WEATHER:	Sunny 50° F		. 0830	DEPARTUR	RE:1	300	JOB #:	24306
ANALYST	/ FIELD SAMPLER	:	D. Nonemaker	Fie	ELD SAMPLER:		NA	
		FIELD II	NSTRUMEN	T AND CALIBR	ATION DATA	<u> </u>		
	м	ETER ID	S					
	METER		PROB	E		Turk	oidity	
DO _	M-015		MP-12		Set to :	100		
pH	M-031		MP-12					
COND	M-014 M-006	-	MP-10		Lot & Exp	. <u>A1020</u>	4/9/2011	_
	M-008 M-049		MP-11	٤	Read :	True Value	1.00	
	DISSOLVED O	KYGEN				Result	0.99	
	Water Temp (°C)) 1:	3.2					
Barome	tric Press (mm Hg)		63		Lot & Exp.	C038030	4/9/2011	
	O2 Saturation %		00		*Result must	be within 10% of	of True Value.	
Calibration must	be to 100% O2 Saturation							
					Lot # a	and Expirati	on Date	
Buffer 4.01	4.01	_Temp (°C)	12.7		A	9273 09/20	013	
Buffer 7.00	7.01	Temp (°C)	12.7		Δ.	9328 11/20	011	
					A	5020 11/20		
Buffer 10.01	10.12	 Temp (°C)				0333 11/20		
Calibration per		_ _Temp (°C)	13.4 0945	uld be ± 0.05 pH units fi	A	0333 11/20		
Calibration per	formed at	_ Temp (°C) fers. pH Calibr	13.4 0945 ation readings sho		A rom actual buffer va	0333 11/20		
Calibration per	formed at be calibrated using 3 buf	_ Temp (°C) fers. pH Calibr	13.4 0945 ation readings sho		A rom actual buffer va	0333 11/20		
Calibration per PH meter should emp. of calibration pH buffer 7	formed at be calibrated using 3 buf n. After calibration read b 7.00	Temp (°C) fers. pH Calibr uffer 7.00 - it s ORP	13.4 0945 ation readings sho hould read ± 0.05 t	irom actual value at terr	A rom actual buffer va np. of calibration.	0333 11/2(lue at		
Calibration per pH meter should emp. of calibration	formed at be calibrated using 3 buf n. After calibration read b 7.00	Temp (°C) fers. pH Calibr uffer 7.00 - it s ORP	13.4 0945 ation readings sho hould read ± 0.05 t		A rom actual buffer va np. of calibration.	0333 11/2(lue at		1
Calibration perf PH meter should emp. of calibration pH buffer 7 w/quinhydr The reading shou	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone 85 Id be within ±15mV from	Temp (°C) fers. pH Calibr uffer 7.00 - it s ORP 9.4	13.4 0945 ation readings sho hould read ± 0.05 f	rom actual value at terr 11.1	A rom actual buffer va np. of calibration.	0333 11/2(lue at	011	1
calibration perf pH meter should emp. of calibration pH buffer 7 w/quinhydr	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone 85 Id be within ±15mV from 8.00	Temp (°C) fers. pH Calibr uffer 7.00 - it s ORP 9.4 the following v	13.4 0945 ation readings sho hould read ± 0.05 f Temp (°C) alues: +96 mV at 2	rom actual value at terr 11.1	A rom actual buffer va np. of calibration.	0333 11/20 lue at te	011	
Calibration perf pH meter should i emp. of calibration pH buffer 7 w/quinhydr The reading shou pH buffer 4 w/quinhydr	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone 85 Id be within ±15mV from 8.00	Temp (°C) fers. pH Calibr uffer 7.00 - it s ORP 9.4 the following v 50.0	13.4 0945 ation readings sho hould read ± 0.05 f Temp (°C) ralues: +96 mV at 2 Temp (°C)	rom actual value at tem <u>11.1</u> 20°C, +90 mV at 25°C <u>11.7</u>	A rom actual buffer va np. of calibration. Lot / Exp Dat	0333 11/20 lue at te	011 A9328 11/201	
Calibration perf PH meter should I emp. of calibration pH buffer 7 w/quinhydr The reading shou pH buffer 4 w/quinhydr	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone 89 Id be within ±15mV from 8.00 rone 26	Temp (°C) fers. pH Calibr uffer 7.00 - it s ORP 9.4 the following v 50.0	13.4 0945 ation readings sho hould read ± 0.05 f Temp (°C) ralues: +96 mV at 2 Temp (°C)	rom actual value at tem <u>11.1</u> 20°C, +90 mV at 25°C <u>11.7</u>	A rom actual buffer va np. of calibration. Lot / Exp Dat	0333 11/2(lue at te	011 A9328 11/201	4
Calibration perf pH meter should i emp. of calibration pH buffer 7 w/quinhydr The reading shou pH buffer 4 w/quinhydr	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone 89 Id be within ±15mV from 8.00 rone 26 Id be between +170mV a	Temp (°C) fers. pH Calibr uffer 7.00 - it s ORP 9.4 the following v 60.0 at 20°C and +1	13.4 0945 ation readings sho hould read ± 0.05 f Temp (°C) ralues: +96 mV at 2 Temp (°C) S5mV at 25°C abo	rom actual value at terr 11.1 20°C, +90 mV at 25°C 11.7 ve the reading in the 7 l	A rom actual buffer va up. of calibration. Lot / Exp Dat Lot / Exp Dat buffer mixture	0333 11/2(lue at te	A9328 11/201 A0263 09/201	4
Calibration perf PH meter should I emp. of calibration pH buffer 7 w/quinhydr The reading shou pH buffer 4 w/quinhydr	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone 89 Id be within ±15mV from 8.00 rone 26	Temp (°C) fers. pH Calibr uffer 7.00 - it s ORP 9.4 the following v 60.0 at 20°C and +1	13.4 0945 ation readings sho hould read ± 0.05 f Temp (°C) ralues: +96 mV at 2 Temp (°C) S5mV at 25°C abo	rom actual value at terr <u>11.1</u> 20°C, +90 mV at 25°C <u>11.7</u> ve the reading in the 7 f Quinhydrone	A rom actual buffer va np. of calibration. Lot / Exp Dat Lot / Exp Dat buffer mixture Lot / Exp Dat	0333 11/2(lue at te	A9328 11/201 A0263 09/201	4
Calibration perf pH meter should emp. of calibration pH buffer 7 w/quinhydr The reading shou pH buffer 4 w/quinhydr The reading shou	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone	Temp (°C) fers. pH Calibr utfer 7.00 - it s ORP 9.4 the following v 50.0 at 20°C and +1	13.4 0945 ation readings sho hould read ± 0.05 f	rom actual value at terr <u>11.1</u> 20°C, +90 mV at 25°C <u>11.7</u> ve the reading in the 7 l Quinhydrone Lot # and Expira	A rom actual buffer va np. of calibration. Lot / Exp Dat Lot / Exp Dat Lot / Exp Dat	0333 11/2(lue at te	A9328 11/201 A0263 09/201	4
Calibration perf pH meter should emp. of calibration pH buffer 7 w/quinhydr The reading shou pH buffer 4 w/quinhydr The reading shou Si	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone 89 Id be within ±15mV from 8.00 rone 26 Id be between +170mV a SPECIFIC COI tandard 1000 ± 10 to	Temp (°C) fers. pH Calibr uffer 7.00 - it s ORP 9.4 the following v 50.0 at 20°C and +1 NDUCTAN	13.4 0945 ation readings sho hould read ± 0.05 f	rom actual value at terr <u>11.1</u> 20°C, +90 mV at 25°C <u>11.7</u> ve the reading in the 7 l Quinhydrone Lot # and Expira	A rom actual buffer va np. of calibration. Lot / Exp Dat Lot / Exp Dat buffer mixture Lot / Exp Dat	0333 11/2(lue at te	A9328 11/201 A0263 09/201	4
Calibration perf pH meter should emp. of calibration pH buffer 7 w/quinhydr The reading shou pH buffer 4 w/quinhydr The reading shou Si	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone 89 Id be within ±15mV from 8.00 rone 26 Id be between +170mV a SPECIFIC COI tandard 1000 ± 10 to Reading 10	Temp (°C) fers. pH Calibr utfer 7.00 - it s ORP 9.4 the following v 50.0 at 20°C and +1 NDUCTAN	13.4 0945 ation readings sho hould read ± 0.05 f	rom actual value at terr <u>11.1</u> 20°C, +90 mV at 25°C <u>11.7</u> ve the reading in the 7 l Quinhydrone Lot # and Expira	A rom actual buffer va np. of calibration. Lot / Exp Dat Lot / Exp Dat Lot / Exp Dat	0333 11/2(lue at te	A9328 11/201 A0263 09/201	4
Calibration perf pH meter should emp. of calibration pH buffer 7 w/quinhydr The reading shou pH buffer 4 w/quinhydr The reading shou Si F Ta	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone	Temp (°C) fers. pH Calibrium fers. pH Calibrium unifer 7.00 - it s ORP 9.4 the following v 60.0 at 20°C and +1 NDUCTAN NDUCTAN US/cm NaCl 000 3.2	13.4 0945 ation readings sho hould read ± 0.05 f	rom actual value at terr <u>11.1</u> 20°C, +90 mV at 25°C <u>11.7</u> ve the reading in the 7 l Quinhydrone Lot # and Expira	A rom actual buffer va np. of calibration. Lot / Exp Dat Lot / Exp Dat Lot / Exp Dat	0333 11/2(lue at te	A9328 11/201 A0263 09/201	4
Calibration perf pH meter should 1 emp. of calibration pH buffer 7 w/quinhydr The reading shou pH buffer 4 w/quinhydr The reading shou Si F To *Re	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone 89 Id be within ±15mV from 8.00 rone 26 Id be between +170mV a SPECIFIC COI tandard 1000 ± 10 to Reading 10 emp (°C) 13 bading must be 1000 uS/	Temp (°C) fers. pH Calibr utfer 7.00 - it s ORP 9.4 the following v 60.0 at 20°C and +1 NDUCTAN NDUCTAN US/cm NaCl 000 3.2 fcm	13.4 0945 ation readings sho hould read ± 0.05 f Temp (°C) alues: +96 mV at 2 Temp (°C) 85mV at 25°C abo NCE	rom actual value at terr 11.1 20°C, +90 mV at 25°C 11.7 ve the reading in the 7 l Quinhydrone Lot # and Expira A0257 09,	A rom actual buffer va rom actual buffer va rom actual buffer va Lot / Exp Dat Lot / Exp Dat buffer mixture Lot / Exp Dat ation Date /2015	0333 11/2(lue at te te	A9328 11/201 A0263 09/201 Q17226 03/20	4
Calibration perf PH meter should i emp. of calibration pH buffer 7 w/quinhydr The reading shou pH buffer 4 w/quinhydr The reading shou Si F Ta	formed at be calibrated using 3 buf n. After calibration read b 7.00 rone 89 Id be within ±15mV from 8.00 rone 26 Id be between +170mV a SPECIFIC COI tandard 1000 ± 10 to Reading 10 emp (°C) 13 bading must be 1000 uS/	Temp (°C) fers. pH Calibrium fers. pH Calibrium unifer 7.00 - it s ORP 9.4 the following v 60.0 at 20°C and +1 NDUCTAN NDUCTAN US/cm NaCl 000 3.2	13.4 0945 ation readings sho hould read ± 0.05 f Temp (°C) alues: +96 mV at 2 Temp (°C) 85mV at 25°C abo NCE	rom actual value at terr <u>11.1</u> 20°C, +90 mV at 25°C <u>11.7</u> ve the reading in the 7 l Quinhydrone Lot # and Expira	A rom actual buffer va rom actual buffer va rom actual buffer va Lot / Exp Dat Lot / Exp Dat buffer mixture Lot / Exp Dat ation Date /2015	0333 11/2(lue at te	A9328 11/201 A0263 09/201 Q17226 03/20	4

WEATHER:			Dres	dner Robin	SITE:	PP	G Jersey	City
ANALYST	Light Rain/53°F		0830	DEPARTURE:	1	230	JOB	#: 32369
	/ FIELD SAMPLE	R:	T. Lesinski	FIEL	D SAMPLER:			
		FIELD II	NSTRUMENT		TION DATA			
		AETER ID'	S					
	METER		PROBE			Turbi	idity	
DO	E-003		EP-063		Set to :		100	
pH	M-042		EP-044					
COND.	E-010		EP-018		Lot & Exp.	A10	20 10/	6/11
ORP	E-012		MP-127	<u></u>		-		
	E-056	7			Read :	True Value		1.0
	DISSOLVED O					Result		1.03
Baromet	Water Temp (°(tric Press (mm He		3.8 56		Lot & Exp.	CO 40	073 10)/16/11
Buromot	O2 Saturation		00			be within 10% of		
Calibration must I	be to 100% O2 Satura	Contraction of the local division of the loc						
		рН						
					Lot # a	nd Expiratio	n Date	
Buffer 4.01	4.00	Temp (°C)	13.6		A	0340 12/1	4	
Buffer 7.00	7.02	Temp (°C)	13.8	<u>3. 1</u> 7. 1	A	0343 12/1	2	
Buffer 10.01	10.08	Temp (°C)	13.7		A	0333 11/1	1	
alibration perf		ON SITE	0935				1.1.1.1	
				be ± 0.05 pH units from		ueat		
emp. or calibration	. After calibration read	burier 7.00 - it s	nould read ± 0.05 tro	m actual value at temp.	of calibration.			
		ORP						
pH buffer 7. w/quinhydro		90.9	Temp (°C)	13.8	Lot / Exp Dat	0	A0343	12/12
-	d be within ±15mV fror	n the following v	alues: +96 mV at 20º	℃, +90 mV at 25°C				
i ne reading should	00							
pH buffer 4. w/quinhydro		62.1	Temp (°C)	13.9	Lot / Exp Dat	0	A0340	12/14
pH buffer 4. w/quinhydro	one2			13.9 the reading in the 7 buf		e	A0340	12/14
pH buffer 4. w/quinhydro	one2						A0340 Q17226	<u>12/14</u> 3/15
pH buffer 4. w/quinhydro	one2 d be between +170mV	′ at 20⁰C and +1	85mV at 25°C above	the reading in the 7 buf	fer mixture			
pH buffer 4. w/quinhydro	one2	′ at 20⁰C and +1	85mV at 25°C above	the reading in the 7 buf Quinhydrone	fer mixture Lot / Exp Dat			
pH buffer 4. w/quinhydro	one2 d be between +170mV SPECIFIC CC	at 20°C and +1	85mV at 25°C above	the reading in the 7 buf Quinhydrone Lot # and Expirati	fer mixture Lot / Exp Dat On Date			
pH buffer 4. w/quinhydro The reading shouk	one2 d be between +170mV SPECIFIC CC candard <u>1000 ± 10</u>	at 20°C and +1	85mV at 25°C above	the reading in the 7 buf Quinhydrone	fer mixture Lot / Exp Dat On Date			
pH buffer 4. w/quinhydro The reading should St R	one2 d be between +170mV SPECIFIC CC candard <u>1000 ± 10</u> Reading1	at 20°C and +1	85mV at 25°C above	the reading in the 7 buf Quinhydrone Lot # and Expirati	fer mixture Lot / Exp Dat On Date			
pH buffer 4. w/quinhydro The reading should St R Te	one2 d be between +170mV SPECIFIC CC candard <u>1000 ± 10</u> Reading1	2 at 20°C and +1 DNDUCTAN 0 uS/cm NaCl 000 13.4	85mV at 25°C above	the reading in the 7 buf Quinhydrone Lot # and Expirati	fer mixture Lot / Exp Dat On Date			
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pH buffer 4. w/quinhydro The reading shouk The seading shouk The Te *Rea	one 2 d be between +170mV SPECIFIC CC tandard 1000 ± 10 tandard 1000 ± 10 tandard 1000 ± 10 tandard 1000 ± 10 tandard 1000 ± 10	2 at 20°C and +1 2000 and +1 2000 and 10 2000 and +1 20°C and +1 2	85mV at 25°C above	the reading in the 7 buf Quinhydrone Lot # and Expirati A0257 9/1	fer mixture Lot / Exp Dat on Date 5	8		