LOW FLOW SAMPLING DATA SHEETS

	- 1	Site:		PP	PG Jersey	City			Clie	nt / Site:		Dr	esdner Ro	bin		
	C)ate:			2/9/2011				Field Pe	rsonnel:			D. Miller			
Y	Weather: Sun			Sunny, 20	F						10011-80					
Monitoring Well #:			1	107-TMW-K034			Well Depth:	:	24.50	R	Scr	Screened/Open Interval:		LL	5.0 R	R
Well	Роп	nit#:		NA		We	ell Diameter:		1	Inches						
PID/FIQ R (ppm):		ings	Backgroui						Pump Inta	ke Depth:		22.0		ft below	TOC	
			Beneath C	Juter Cap:		NA			Depth to W	ater Befor	e Pump ins	tallation:	11.0	00	ft below TO	oc .
			Beneath ir	iner Cap:		NA	The Real Property lies				Pe	ristaltic Pu	ımp			
TIME	Purging	Sampling	pi (pH u	inite)	Temper	3)	Spec Conduc (us/c	ectivity em)	Oxy(olved gen J/L)	Red Poten (m\	ntial V)	Turbi (NT	U)	Pumping Rate	Depth t Water (ft below
	die.	Ö	His File	Change		Change	Reading	Change		Change	3000	Change		Change	Remarks	TOC)
1155	X	1 3	7.18	NA NA	12.4	NA	355	NA	1.25	NA	226.9	NA	642	NA	100	11.05
1200	×		7.16	-0.02	12.8	0.4	372	17	0.91	-0.34	223.1	-3.8	105.3	-536.7	100	11.05
1205	x		7.15	-0.01	13.0	0.2	370	-2	0.82	-0.09	220.4	-2.7	60.2	-45.1	100	11.05
1210	х		7.14	-0.01	13.3	0.3	378	8	0.79	-0.03	218.5	-1.9	75.5	15.3	140	11.05
1215	x		7.14	0.00	13.4	0.1	382	4	0.70	-0.09	217.1	-1.4	62.9	-12.6	140	11.05
1220	х		7.13	-0.01	13.5	0.1	377	-5	0.66	-0.04	215.8	-1.3	50.8	-12.1	140	11.05
1225	x		7.14	0.01	13.6	0.1	384	7	0.64	-0.02	214.9	-0.9	54.3	3.5	140	11.05
1230	x		7.14	0.00	13.7	0.1	379	-5	0.65	0.01	214.3	-0.6	50.1	-4.2	140	11.05
1235		x	7.14	0.00	13.7	0.0	371	-8	0.64	-0.01	213.8	-0.5	47.6	-2.5	140	11.05
1240		x	7.14	0.00	13.6	-0.1	364	-7	0.63	-0.01	213.1	-0.7	45.9	-1.7	140	11.05
													i. Tin			
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ommente				Pure t		1150	Sample	time is	1221		لــــا	3/11/4				

LOW FLOW SAMPLING DATA SHEETS

		Site:	ř	PF	G Jersey	City		-	Cile	nt / Site:		Dr	esdner Ro	obin		
)ate:			2/9/2011			-	Field Pe	rsonnel:			D. Miller			
- 1	Weathe .				Sunny, 20	F				Job #	22930					•
Monitori	ng W	leli #:	107-TMVV-M046				Well Depth		20.71 R		Screened/Open Interva		en Interval	:	5.0	R
		nit#:		NA		We	il Diameter		1	Inches						
PID/FID F (ppm):	teadi	inga	Backgrou	nd:		NA			Pump Inta	ke Depth:		18.0		_ft below	тос	
			Beneath C	luter Cap:		NA			Depth to W	ater Befor	e Pump ins	tallation:	8.0	86	ft below To	С
	_		Beneath ir	ner Cap:		NA	Spec	Mo	Purg	e Method	Pe	ristaltic Po	ımp	is design		
TIME	Purging	Sampling	pi (pH u Reading	nits)	Tempe (°C	(3)	Condu (us/ Reading	ctivity cm)	Oxy (mg	gen /L)	Poter (m) Reading	ntial V)	Turb (N1	U)	Pumping Rate (ml/min)	Water (ft below TOC)
1315	×		7.11	NA	11.8	NA NA	426	NA NA	0.89	NA NA	165.3	NA NA	1197	NA NA	200	9.51
1320	x		7.13	0.02	11.5	-0.3	465	39	0.63	-0.26	156.8	-8.5	844	-353	100	9.69
1325	x		7.15	0.02	10.9	-0.6	464	-1	0.59	-0.04	151.6	-5.2	731	-113	100	9.84
1330	x		7.16	0.01	10.3	-0.6	453	-11	0.60	0.01	147.6	-4.0	983	252	100	9.91
1335	x		7.16	0.00	10.1	-0.2	448	-5	0.58	-0.02	145.0	-2.6	1157	174	100	9.93
1340	x		7.17	0.01	10.1	0.0	436	-12	0.27	-0.31	136.6	-8.4	3462	2305	100	9.93
1345	x		7.17	0.00	9.9	-0.2	427	-9	0.26	-0.01	131.1	-5.5	3802	340	100	9.93
1350	x		7.18	0.01	9.8	-0.1	432	5	0.27	0.01	128.5	-2.6	3587	-215	100	9.93
1355	4	×	7.18	0.00	9.8	0.0	439	7	0.28	0.01	125.9	-2.6	3709	122	100	9.93
1400		x	7.18	0.00	9.6	-0.2	433	-6	0.30	0.02	123.6	-2.3	3664	-45	100	9.93
1405		X	7.19	0.01	9.8	0.2	429	4	0.29	-0.01	122.3	-1.3	3681	17	100	9.93
						4 K										
		-														
	3														2	1
2		4														
		+									14 M					
omments	:			Purge b	pegan at	1310.	Sample	time is	1351					9.55		

LOW FLOW SAMPLING DATA SHEETS

		Site	:	PF	PG Jersey	City		-	Cile	nt / Site:		Dre	esdner Ro	obin		
	ı	Date:			2/9/2011	1 - 1		_	Field Pe	rsonnel:			S. Schulz	:9		
V	Nea	ther:		4	Sunny, 20°	• F	1000			Job #	#		22930			
Monitori	ng Vi	/eli #:		07-TMW-1	042		Well Depth:	:	22.60	R	Scr	eened/Op	oon Interval		5.0	R
				NA		We	Il Diameter:		1	Inches						
PID/FID R (ppm):	lead	ings	Backgrou	nd:		NA			Pump Inta	ke Depth:		20.0		ft below	тос	
			Beneath C)uter Cap:		NA		-	Depth to W	ater Befor	re Pump Ins	tallation:	12.	58	ft below TO	DC
			Beneath In	nner Cap:		NA		E. E.		je Method		ristaltic Pu	ımp	-		
TIME	Punging	Sampling	pi (pH u	H units)	Temper	C)	Spec Conduc (us/c	ctivity cm)	Diaso Oxy _i (mg	gen v(L)	Red Poter (m\	ntial V)	Turbi (NT	TU)	Pumping Rate	Depth to Water (ft below
			F FINANCE VE	Change		Change		Change		Change	Reading	Change	Park Styling	Change	(ml/min)	TOC)
1244	×	H	6.88	NA	12.2	NA	831	NA	0.47	NA	-94.8	NA	3252	NA	200	12.58
1249	X		6.84	-0.04	12.2	0.0	830	-1	0.39	-0.08	-112.6	-17.8	2024	-1228	200	12.58
1254	X	Ц	6.82	-0.02	12.2	0.0	825	-5	0.34	-0.05	-153.0	-40.4	1304	-720	200	12.58
1259	X		6.80	-0.02	11.8	-0.4	810	-15	0.34	0.00	-143.8	9.2	877	-427	200	12.58
1304	x		6.79	-0.01	12.2	0.4	811	1	0.36	0.02	-133.6	10.2	670	-207	200	12.58
1309	x		6.78	-0.01	12.1	-0.1	809	-2	0.38	0.02	-121.7	11.9	81.6	-588.4	200	12.58
1314	x		6.78	0.00	12.2	0.1	813	4	0.42	0.04	-107.5	14.2	85.2	3.6	200	12.58
1319	x		6.78	0.00	12.3	0.1	816	3	0.44	0.02	-101.9	5.6	78.7	-6.5	200	12.58
1324	x		6.78	0.00	12.8	0.5	815	-1	0.45	0.01	-87.8	14.1	61.4	-17.3	200	12.58
1329	X		6.81	0.03	12.7	-0.1	810	-5	0.47	0.02	-69.4	18.4	56.2	-5.2	200	12.58
1334	x		6.82	0.01	12.9	0.2	814	4	0.49	0.02	-64.8	4.6	57.9	1.7	200	12.58
1339	x		6.83	0.01	12.9	0.0	810	-4	0.50	0.01	-61.3	3.5	53.8	-4.1	200	12.58
1344	X		6.84	0.01	12.8	-0.1	809	-1	0.51	0.01	-57.2	4.1	55.8	2.0	200	12.58
1349		x	6.85	0.01	12.8	0.0	806	-3	0.53	0.02	-55.5	1.7	51.3	-4.5	200	12.58
1354		x	6.85	0.00	12.9	0.1	801	-5	0.54	0.01	-51.6	3.9	50.9	-0.4	200	12.58
1359		x	6.86	0.01	13.1	0.2	800	-1	0.56	0.02	-49.9	1.7	50.7	-0.2	200	12.58
omments	:		Pump on @		6 1 - 1 1 - 2 c		Sample t								d @ 1350	

ORP readings are reported relative to the Standard Hyrdrogen Electrode. Primary Review: SS 02/10/11 Secondary Review: *INDICATOR PARAMETERS NAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pH; ± 3% for Specific Conductivity and Temperature; ± 10 mV for Redox Potential; and ± 10% for Dissolved Oxygen and Turbidity

LM 02/15/11

LOW FLOW SAMPLING DATA SHEETS

_	-	_						_					Sheet		_ of	
		Site		PI	PG Jersey	City		-	Cile	nt / Site:	a ', 'i	Dr	esdner Ro	obin		
	-	Date			2/24/201	/		-	Field Pe	rsonnel:	<i>X</i>	P	(. Harrels	on		
	Nea	ther			Cool, 40	°F				Job #			23410			
Monitori	ng W	Vell#		07-TMW-0	1 1/1/2		Well Depth	1	4.59	ft	Scr	eened/Op	en Interval	•	5.0	ft
Well PID/FID I		mit#	1 . 1	NA		We	II Diameter		1	inches						
(ppm):			Backgrou	ind:		NA	- 1		Pump Intal	ke Depth:		12.1		ft below	TOC	
				Outer Cap		NA		-			re Pump Ins			31	ft below T	OC
TIME	Purging	Sempling	p (pH i	nner Cap: iH units)	Tempo (°	NA prature C)	Spec Condu	ctivity :m)	Disso Oxyg (mg	gen /L)	Red Potes (m)	ntial V)	Turbi (NT	ບ)	Pumping Rate	Depth to Water (ft below
	۴	, S	THE STATE	Change		Change	Reading	Change		Change	Reading	Change	11-10	Change	HE CO	TOC)
0940	×	\vdash	7.02	NA	12.1	NA.	656	NA	1.51	NA	167.6	NA	OR	NA	120	11.10
0945	×	\vdash	7.08	0.06	13.2	1.1	600	-56	0.41	-1.10	-10.4	-178.0	OR	NA	120	11.10
0950	X	H	7.15	0.07	14.0	0.8	585	-15	1.23	0.82	1.8	12.2	OR	NA	120	10.08
0955	x	Н	7.15	0.00	14.0	0.0	593	8	0.92	-0.31	-2.4	-4.2	17960	NA	120	9.96
1000	x		7.11	-0.04	14.0	0.0	589	-4	0.69	-0.23	-18.3	-15.9	9150	-8810	200	9.89
1005	x	Ц	7.08	-0.03	14.0	0.0	580	-9	0.65	-0.04	-33.8	-15.5	14360	5210	200	9.88
1010	x		7.08	0.00	14.0	0.0	578	-2	0.79	0.14	-44.3	-10.5	6780	-7580	200	9.81
1015	x		7.08	0.00	14.0	0.0	574	-4	0.88	0.09	-56.5	-12.2	6784	4	200	9.78
1020	x		7.06	-0.02	14.0	0.0	572	-2	0.83	-0.05	-69.1	-12.6	5284	-1500	200	9.77
1025	X		7.03	-0.03	13.8	-0.2	569	-3	0.76	-0.07	-80.8	-11.7	6760	1476	200	9.77
1030	X		7.04	0.01	13.9	0.1	567	-2	0.69	-0.07	-92.7	-11.9	5216	-1544	200	9.74
1035	x		7.04	0.00	13.9	0.0	566	-1	0.52	-0.17	-115.7	-23.0	5284	68	200	9.74
1040	x		7.02	-0.02	14.0	0.1	565	-1	0.47	-0.05	-126.5	-10.8	4900	-384	200	9.74
1045	x		7.13	0.11	13.9	-0.1	565	0	0.54	0.07	-141.4	-14.9	5952	1052	200	9.75
1050	x		7.17	0.04	14.0	0.1	564	-1	0.50	-0.04	-150.3	-8.9	4756	-1196	200	9.73
1055	x		7.18	0.01	14.3	0.3	562	-2	0.51	0.01	-160.9	-10.6	3704	-1052	200	9.71
1100	x		7.18	0.00	14.3	0.0	561	-1	0.45	-0.06		11.	3552	-152	200	9.70
1105	x		7.14	-0.04	14.2	-0.1	561	0	0.47	0.02	-188.0	-14.3	3888	336	200	9.70
	X		7.11	-0.03	14.1	-0.1	560	-1	0.50	0.03	-195.2	-7.2	4552	664	200	9.71
1115		x	7.14	0.03	14.0	-0.1	559	-1	0.42		-204.0	-8.8	2311	-2241	200	9.67
Comments):			Purge I	Began	0935		Sample	Time	1114	lization p	OR = 0	Over Ran		200	0.01

ORP readings are reported relative to the Standard Hyrdrogen Electrode. Primary Review: TP 3/7/10 Secondary Review:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN: ± 0.1 for pit; ± 3% for Specific Conductivity and

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

### FIELD SAMPLER: D. Miller FIELD SAMPLER: S. Schulze	DATE:_	2/9/2011	CLIENT	: Dre	sdner Robin	SITE:	PPG Jersey City
METER ID'S	WEATHER:	Sunny, 20° F	ARRIVAL	.: 0830	DEPARTURE	i: 14	30 JOB #: 22930
METER D'S METER D'S METER D'S	ANALYST	r / FIELD SAMPLI	ER:	D. Miller	FIE	LD SAMPLER:	S. Schulze
Mode			FIELD II	NSTRUMENT	AND CALIBRA	TION DATA	
DO			METER ID	S			
DO M-007 MP-118 Set to : 4000		METER		PROBE			Turbidity
COND. M-05 MP-072 Lot & Exp. A0278 3/10/11	DO	M-007		MP-118		Set to:	
DISSOLVED OXYGEN Result 9.9	pH			MP-124	(Bigitaria)		
DISSOLVED OXYGEN Result 9.9	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND					Lot & Exp.	A0278 3/10/11
DISSOLVED OXYGEN Result 9.9	CHARLEST STREET			MP-111		Pond :	True Value 10.0
Sarometric Press (mm Hg) 768	TOKBIDITT _					Read .	True Value 10.0
Barometric Press (mm Hg) 768 Lot & Exp. C03300 3/10/11 Result must be within 10% of True Value.							Result 9.9
Calibration must be to 100% O2 Saturation PH							
**Calibration must be to 100% O2 Saturation pH Lot # and Expiration Date Buffer 4.01	Barome						
Buffer 4.01	Calibration must			-		Result must t	e within 10% of True Value.
Suffer 4.01	Odila de la constitución de la c						
Suffer 4.01						Lot#ar	nd Expiration Date
Buffer 7.00 7.05 Temp (°C) 10.3 A9328 11/2011 Buffer 10.01 10.18 Temp (°C) 10.6 A0333 11/2011 Calibration performed at 840 PM meter should be calibrated using 3 buffers. pH Calibration readings should be ± 0.05 pH units from actual buffer value at emp. 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	Buffer 4.01	4.03	Temp (°C)	10.4			
Buffer 10.01 10.18 Temp (°C) 10.6 A0333 11/2011 Calibration performed at 840 The meter should be calibrated using 3 buffers. pH Calibration readings should be ± 0.05 pH units from actual buffer value at emp. of calibration. ORP pH buffer 7.00 w/quinhydrone 99.8 Temp (°C) 10.7 Lot / Exp Date A9328 11/2011 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 273.4 Temp (°C) 10.8 Lot / Exp Date A9273 09/2013 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 3/2013 SPECIFIC CONDUCTANCE Standard 1000 ± 10 uS/cm NaCl Reading 1000 Temp (°C) 10.6 'Reading must be 1000 uS/cm	Buffer 7.00	7.05					
Calibration performed at 840 The meter should be calibrated using 3 buffers. pH Calibration readings should be ± 0.05 pH units from actual buffer value at emp. 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	Buffer 10.01	10.18					
oRP pH buffer 7.00 w/quinhydrone 99.8 Temp (°C) 10.7 Lot / Exp Date A8328 11/2011 The reading should be within ±15mV from the following values: +98 mV at 20°C, +90 mV at 25°C pH buffer 4.00 w/quinhydrone 273.4 Temp (°C) 10.8 Lot / Exp Date A9273 09/2013 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 3/2013 SPECIFIC CONDUCTANCE Standard 1000 + 10 uS/cm NaCl Reading 1000 Temp (°C) 10.6 Reading must be 1000 uS/cm				10.0	7		1333 11/2011
oRP pH buffer 7.00 w/quinhydrone 99.8 Temp (°C) 10.7 Lot / Exp Date A8328 11/2011 The reading should be within ±15mV from the following values: +98 mV at 20°C, +90 mV at 25°C pH buffer 4.00 w/quinhydrone 273.4 Temp (°C) 10.8 Lot / Exp Date A9273 09/2013 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 3/2013 SPECIFIC CONDUCTANCE Standard 1000 + 10 uS/cm NaCl Reading 1000 Temp (°C) 10.6 Reading must be 1000 uS/cm	Calibration peri	formed at		THE RESIDENCE OF THE PARTY OF T			333 11/2011
PH buffer 7.00 w/quinhydrone 99.8 Temp (°C) 10.7 Lot / Exp Date A8328 11/2011 The reading should be within ±15mV from the following values: +98 mV at 20°C, +90 mV at 25°C pH buffer 4.00 w/quinhydrone 273.4 Temp (°C) 10.8 Lot / Exp Date A9273 09/2013 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 3/2013 SPECIFIC CONDUCTANCE Standard 1000 ± 10 uS/cm NaCl Reading 1000 Temp (°C) 10.6 'Reading must be 1000 uS/cm				840	be ± 0.05 pH units from		
pH buffer 7.00 w/quinhydrone 99.8 Temp (°C) 10.7 Lot / Exp Date A8328 11/2011 The reading should be within ±15mV from the following values: +98 mV at 20°C, +90 mV at 25°C pH buffer 4.00 w/quinhydrone 273.4 Temp (°C) 10.8 Lot / Exp Date A9273 09/2013 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 3/2013 SPECIFIC CONDUCTANCE Standard 1000 + 10 uS/cm NaCl Reading 1000 Temp (°C) 10.6 'Reading must be 1000 uS/cm	pH meter should I	be calibrated using 3 b	uffers. pH Calibra	840 ition readings should		actual buffer value	
### Temp (°C) 10.7 Lot / Exp Date A9328 11/2011 The reading should be within ±15mV from the following values: +98 mV at 20°C, +90 mV at 25°C pH buffer 4.00 w/quinhydrone 273.4 Temp (°C) 10.8 Lot / Exp Date A9273 09/2013 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 3/2013	pH meter should I	be calibrated using 3 b	uffers. pH Calibra	840 ition readings should		actual buffer value	
### Ph buffer 4.00 w/quinhydrone	pH meter should lemp. of calibration	be calibrated using 3 b	uffers. pH Calibra I buffer 7.00 - it al	840 ition readings should		actual buffer value	
### Wiguinhydrone 273.4 Temp (°C) 10.8 Lot / Exp Date A9273 09/2013 The reading should be between +170mV at 20°C and +185mV at 25°C above the reading in the 7 buffer mixture Quinhydrone	pH meter should lemp. of calibration pH buffer 7	be calibrated using 3 b n. After calibration read 7.00	uffers. pH Calibra I buffer 7.00 - it sl	840 tion readings should nould read ± 0.05 fro	m actual value at temp.	actual buffer value of calibration.	et
Quinhydrone Lot / Exp Date Q17228 3/2013	pH meter should lemp. of calibration pH buffer 7 w/quinhydr	be calibrated using 3 b n. After calibration read 7.00 rone Id be within ±15mV fron	uffers. pH Calibra I buffer 7.00 - it si ORP 99.8	840 Ition readings should read ± 0.05 fro	m actual value at temp.	actual buffer value of calibration.	et
SPECIFIC CONDUCTANCE Lot # and Expiration Date	pH meter should lemp. of calibration pH buffer 7 w/quinhydr The reading shoul pH buffer 4	be calibrated using 3 b n. After calibration read 7.00 rone Id be within ±15mV froi	uffers, pH Calibra I buffer 7.00 - it al ORP 99.8 In the following va	840 Intion readings should read ± 0.05 fro Temp (°C) Itlues: +96 mV at 20°	m actual value at temp. 10.7 C, +90 mV at 25°C	actual buffer value of calibration. Lot / Exp Date	at A8328 11/2011
SPECIFIC CONDUCTANCE Lot # and Expiration Date	pH meter should be emp. of calibration pH buffer i w/quinhydr The reading shoul pH buffer 4 w/quinhydr	be calibrated using 3 b n. After calibration read 7.00 rone id be within ±15mV from 4.00 rone	offers. pH Calibra i buffer 7.00 - it al ORP 99.8 m the following va	840 Intion readings should read ± 0.05 from the following should read	10.7 C, +90 mV at 25°C	actual buffer value of calibration. Lot / Exp Date Lot / Exp Date	at A8328 11/2011
Lot # and Expiration Date Standard 1000 + 10 uS/cm NaCl	pH meter should be emp. of calibration pH buffer i w/quinhydr The reading shoul pH buffer 4 w/quinhydr	be calibrated using 3 b n. After calibration read 7.00 rone id be within ±15mV from 4.00 rone	offers. pH Calibra i buffer 7.00 - it al ORP 99.8 m the following va	840 Intion readings should read ± 0.05 from the following should read	m actual value at temp. 10.7 C, +90 mV at 25°C 10.8 the reading in the 7 buffs	actual buffer value of calibration. Lot / Exp Date Lot / Exp Date or mixture	A9328 11/2011 A9273 09/2013
Standard 1000 + 10 uS/cm NaCl A0257 09/2015 Reading	pH meter should lemp. of calibration pH buffer 1 w/quinhydr The reading shoul pH buffer 4 w/quinhydr	be calibrated using 3 b n. After calibration read 7.00 rone id be within ±15mV froi 4.00 rone id be between +170mV	oRP 99.8 m the following value 273.4 at 20°C and +18	840 Intion readings should read ± 0.05 from the following should read	m actual value at temp. 10.7 C, +90 mV at 25°C 10.8 the reading in the 7 buffs	actual buffer value of calibration. Lot / Exp Date Lot / Exp Date or mixture	A9328 11/2011 A9273 09/2013 Q17226 3/2013
Standard 1000 + 10 uS/cm NaCl A0257 09/2015 Reading	pH meter should be emp. of calibration pH buffer i w/quinhydr The reading shoul pH buffer 4 w/quinhydr	be calibrated using 3 b n. After calibration read 7.00 rone id be within ±15mV froi 4.00 rone id be between +170mV	oRP 99.8 m the following value 273.4 at 20°C and +18	840 Intion readings should read ± 0.05 from the following should read	m actual value at temp. 10.7 C, +90 mV at 25°C 10.8 the reading in the 7 buffs	actual buffer value of calibration. Lot / Exp Date Lot / Exp Date or mixture	A9328 11/2011 A9273 09/2013 Q17226 3/2013
Reading 1000 Temp (°C) 10.6 Reading must be 1000 uS/cm	pH meter should be emp. of calibration pH buffer i w/quinhydr The reading shoul pH buffer 4 w/quinhydr	be calibrated using 3 b n. After calibration read 7.00 rone id be within ±15mV froi 4.00 rone id be between +170mV	oRP 99.8 m the following value 273.4 at 20°C and +18	840 Intion readings should read ± 0.05 from the following should read	10.7 C, +90 mV at 25°C 10.8 the reading in the 7 buffet Quinhydrone	actual buffer value of calibration. Lot / Exp Date Lot / Exp Date or mixture Lot / Exp Date	A9328 11/2011 A9273 09/2013 Q17226 3/2013
*Reading must be 1000 uS/cm	pH meter should lemp. of calibration pH buffer 1 w/quinhydr The reading shoul pH buffer 4 w/quinhydr The reading shoul	be calibrated using 3 b n. After calibration read 7.00 rone id be within ±15mV from 4.00 rone id be between +170mV SPECIFIC CC tandard 1000 + 1	oRP 99.8 In the following value 273.4	840 Intion readings should nould read ± 0.05 from the following of the following should read ± 0.05 from th	10.7 C, +90 mV at 25°C 10.8 the reading in the 7 buffet Quinhydrone Lot # and Expirat	actual buffer value of calibration. Lot / Exp Date Lot / Exp Date or mixture Lot / Exp Date	A9328 11/2011 A9273 09/2013 Q17226 3/2013
그는 사람들이 되었다면 하는데 보다 하는데 그는 그들은 하는데 되었다. 그 사람들은 그리는데 나는	pH meter should lemp. of calibration pH buffer in w/quinhydr The reading shoul pH buffer 4 w/quinhydr The reading shoul	be calibrated using 3 b n. After calibration read 7.00 rone id be within ±15mV from 4.00 rone id be between +170mV SPECIFIC CC tandard 1000 + 11 Reading	offers. pH Calibra oRP 99.8 In the following va 273.4 If at 20°C and +18 ONDUCTAN O uS/cm NaCl	840 Intion readings should nould read ± 0.05 from the following of the following should read ± 0.05 from th	10.7 C, +90 mV at 25°C 10.8 the reading in the 7 buffet Quinhydrone Lot # and Expirat	actual buffer value of calibration. Lot / Exp Date Lot / Exp Date or mixture Lot / Exp Date	A9328 11/2011 A9273 09/2013 Q17226 3/2013
NOTES: Primary Review: DM 2/10/11 Secondary Review: KH 2/15/11	pH meter should I emp. of calibration pH buffer 7 w/quinhydr The reading shoul pH buffer 4 w/quinhydr The reading shoul	be calibrated using 3 b n. After calibration read 7.00 rone id be within ±15mV from 4.00 rone id be between +170mV SPECIFIC CC tandard 1000 + 1 Reading emp (°C)	or of the state of	840 Intion readings should nould read ± 0.05 from the following of the following should read ± 0.05 from th	10.7 C, +90 mV at 25°C 10.8 the reading in the 7 buffet Quinhydrone Lot # and Expirat	actual buffer value of calibration. Lot / Exp Date Lot / Exp Date or mixture Lot / Exp Date	A9328 11/2011 A9273 09/2013 Q17226 3/2013
	pH meter should lemp. of calibration pH buffer in w/quinhydr The reading shoul pH buffer 4 w/quinhydr The reading shoul	be calibrated using 3 b n. After calibration read 7.00 rone id be within ±15mV from 4.00 rone id be between +170mV SPECIFIC CC tandard 1000 + 1 Reading emp (°C)	or of the state of	840 Intion readings should nould read ± 0.05 from the following of the following should read ± 0.05 from th	10.7 C, +90 mV at 25°C 10.8 the reading in the 7 buffet Quinhydrone Lot # and Expirat	actual buffer value of calibration. Lot / Exp Date Lot / Exp Date or mixture Lot / Exp Date	A9328 11/2011 A9273 09/2013 Q17226 3/2013
	pH meter should I emp. of calibration pH buffer 1 w/quinhydr The reading shoul pH buffer 4 w/quinhydr The reading shoul	be calibrated using 3 b n. After calibration read 7.00 rone Id be within ±15mV from 6.00 rone Id be between +170mV SPECIFIC CO tandard 1000 + 1 Reading emp (°C) eading must be 1000 using the calibration of the ca	ORP 99.8 In the following value 273.4 If at 20°C and +18 ONDUCTAN 0 uS/cm NaCl 1000 10.6 S/cm	840 Intion readings should nould read ± 0.05 fro Temp (°C) Temp (°C) Temp (°C) SmV at 25°C above	10.7 C, +90 mV at 25°C 10.8 the reading in the 7 buffet Quinhydrone Lot # and Expiral A0257 09/2	actual buffer value of calibration. Lot / Exp Date or mixture Lot / Exp Date of the control of	A8328 11/2011 A9273 09/2013 Q17226 3/2013
	pH meter should I emp. of calibration pH buffer 1 w/quinhydr The reading shoul pH buffer 4 w/quinhydr The reading shoul	be calibrated using 3 b n. After calibration read 7.00 rone Id be within ±15mV from 6.00 rone Id be between +170mV SPECIFIC CO tandard 1000 + 1 Reading emp (°C) eading must be 1000 using the calibration of the ca	ORP 99.8 In the following value 273.4 If at 20°C and +18 ONDUCTAN 0 uS/cm NaCl 1000 10.6 S/cm	840 Intion readings should nould read ± 0.05 fro Temp (°C) Temp (°C) Temp (°C) SmV at 25°C above	10.7 C, +90 mV at 25°C 10.8 the reading in the 7 buffet Quinhydrone Lot # and Expiral A0257 09/2	actual buffer value of calibration. Lot / Exp Date or mixture Lot / Exp Date of the control of	A8328 11/2011 A9273 09/2013 Q17226 3/2013

		- 011111	: Dresc	ITEL RODIII	SITE	: PP0	3 Jersey Ci	y	
WEATHER:	Sunny, 20° F	ARRIVAL	: 0830	DEPARTURE:	1	430	JOB #:_	2293	
ANALYST	/ FIELD SAMPLER:		Steve Schulze	FIEL	D SAMPLER	PLER: D. N		Miller	
		FIELD II	NSTRUMENT A	ND CALIBRAT	ION DATA				
	М	ETER ID'	\$						
	METER		PROBE			Turbic	lity		
DO =	E-011		EP-040		Set to :		4000		
pH	E-035		EP-043	gergel eller			4000	1 3:	
COND.	E-006		EP-021		Lot & Exp	. A06	78 03/10/1	1	
ORP	E-009		EP-041					1	
TURBIDITY	E-058				Read:	True Value_		0.0	
	DISSOLVED OX					Result	9	.9	
	Water Temp (°C)		3.8						
Baromet	tric Press (mm Hg) O2 Saturation %		00		The second secon	. CO33		11	
Calibration must h	be to 100% O2 Saturation		00		result must	be within 10% of	rue Value.		
Outside of made a	pł								
					l ot # s	nd Expiration	Date		
Buffer 4.01	4.00	Toma (°C)	13.7			CONTRACTOR	Date		
de la			13.7			A0061 02/14			
THE RESERVE OF THE PARTY OF THE			13.5			A0057 02/12			
		Toma (CC)	126			A0000 00/44			
		Temp (°C)	13.6			A0063 03/11			
Calibration perfo	ormed at		0835						
Calibration perfo	ormed at e calibrated using 3 buffer	s. pH Calibra	0835 tion readings should be		actual buffer value				
Calibration perfo	ormed at	s. pH Calibra	0835 tion readings should be		actual buffer value				
Calibration perfo	ormed at e calibrated using 3 buffer	s. pH Calibra	0835 tion readings should be		actual buffer value				
Calibration perfo	ormed at e calibrated using 3 buffer After calibration read buf	s. pH Calibrat fer 7.00 - it sh ORP	0835 ion readings should be could read ± 0.05 from		actual buffer value f calibration.	e at	A0057 0	2/12	
Calibration performer should be been performed by the buffer 7. We reading should the reading should be sh	ormed at e calibrated using 3 buffer After calibration read buf oo one 88.	s. pH Calibrat fer 7.00 - It sh ORP	0835 tion readings should be could read ± 0.05 from	actual value at temp. o	actual buffer value f calibration.	e at		2/12	
Calibration performer perf	ormed at e calibrated using 3 buffer After calibration read buf 00 ene 88. I be within ±15mV from the	s. pH Calibrat fer 7.00 - it sh ORP .1	0835 tion readings should be could read ± 0.05 from Temp (°C)	actual value at temp. o	ctual buffer value calibration. Lot / Exp Dat	e at			
calibration performer should be emp. of calibration. pH buffer 7. w/quinhydro The reading should pH buffer 4. w/quinhydro	e calibrated using 3 buffer After calibration read buffer 00 00 08 1 be within ±15mV from the 00 00 00 00 00 00 00 00 00 00 00 00 00	s. pH Calibrater 7.00 - it shows the composition of	0835 ition readings should be could read ± 0.05 from Temp (°C) lues: +96 mV at 20°C, Temp (°C)	13.8 +90 mV at 25°C	calibration. Lot / Exp Dat	e at	A0057 0		
pH meter should be pmp. of calibration. pH buffer 7. w/quinhydro The reading should pH buffer 4. w/quinhydro	ormed at e calibrated using 3 buffer After calibration read buf 00 ene 88. I be within ±15mV from the	s. pH Calibrater 7.00 - it shows the composition of	0835 tion readings should be could read ± 0.05 from Temp (°C) lues: +96 mV at 20°C, Temp (°C)	13.8 +90 mV at 25°C 13.7 reading in the 7 buffer	ctual buffer value f calibration. Lot / Exp Dat Lot / Exp Dat mixture	e at	A0057 0	2/14	
Calibration performer should be temp. of calibration. pH buffer 7. w/quinhydro The reading should pH buffer 4. w/quinhydro	e calibrated using 3 buffer After calibration read buffer 00 00 08 1 be within ±15mV from the 00 00 00 00 00 00 00 00 00 00 00 00 00	s. pH Calibrater 7.00 - it shows the composition of	0835 tion readings should be could read ± 0.05 from Temp (°C) lues: +96 mV at 20°C, Temp (°C)	13.8 +90 mV at 25°C	ctual buffer value f calibration. Lot / Exp Dat Lot / Exp Dat mixture	e at	A0057 0	2/14	
Calibration performer should be semp. of calibration. pH buffer 7. w/quinhydro The reading should pH buffer 4. w/quinhydro	e calibrated using 3 buffer After calibration read buffer 00 00 08 1 be within ±15mV from the 00 00 00 00 00 00 00 00 00 00 00 00 00	or pH Calibration of the color	0835 ition readings should be could read ± 0.05 from Temp (°C) lues: +96 mV at 20°C, Temp (°C) 5mV at 25°C above the	13.8 +90 mV at 25°C 13.7 reading in the 7 buffer	ctual buffer value f calibration. Lot / Exp Dat Lot / Exp Dat mixture	e at	A0057 0	2/14	
calibration performer should be emp. of calibration. pH buffer 7. w/quinhydro The reading should pH buffer 4. w/quinhydro	e calibrated using 3 buffer After calibration read buffer 00 88. I be within ±15mV from the 00 nne 262 I be between +170mV at 2	or pH Calibration of the color	0835 ition readings should be could read ± 0.05 from Temp (°C) lues: +98 mV at 20°C, Temp (°C) 5mV at 25°C above the	13.8 +90 mV at 25°C 13.7 reading in the 7 buffer	Lot / Exp Date Lot / Exp Date Lot / Exp Date Lot / Exp Date Lot / Exp Date	e at	A0057 0	2/14	
calibration performer should be some of calibration. pH buffer 7. w/quinhydro The reading should pH buffer 4. w/quinhydro The reading should	permed at e callibrated using 3 buffer After calibration read buffer 00 00 00 00 00 00 00 00 00 00 00 00 0	S. pH Calibration of the composition of the composi	0835 ition readings should be could read ± 0.05 from Temp (°C) lues: +98 mV at 20°C, Temp (°C) 5mV at 25°C above the	13.8 +90 mV at 25°C 13.7 reading in the 7 buffer Quinhydrone	Lot / Exp Dat Lot / Exp Dat mixture Lot / Exp Dat	e at	A0057 0	2/14	
calibration performer should be some performer should be some performer for the reading should performer should be some performer should performer should sh	e calibrated using 3 buffer After calibration read buffer 00 88. I be within ±15mV from the 00 nne 262 I be between +170mV at 2	S. pH Calibration of the composition of the composi	0835 ition readings should be could read ± 0.05 from Temp (°C) lues: +98 mV at 20°C, Temp (°C) 5mV at 25°C above the	13.8 +90 mV at 25°C 13.7 reading in the 7 buffer	Lot / Exp Dat Lot / Exp Dat mixture Lot / Exp Dat	e at	A0057 0	2/14	
calibration performer should be amp. of calibration. pH buffer 7. w/quinhydro The reading should pH buffer 4. w/quinhydro The reading should Sta	e calibrated using 3 buffer. After calibration read buffer. After calibration read buffer. Be within ±15mV from the consistence 262 SPECIFIC CONSISTENCY CONSI	S. pH Calibration of the composition of the composi	0835 ition readings should be could read ± 0.05 from Temp (°C) lues: +98 mV at 20°C, Temp (°C) 5mV at 25°C above the	13.8 +90 mV at 25°C 13.7 reading in the 7 buffer Quinhydrone	Lot / Exp Dat Lot / Exp Dat mixture Lot / Exp Dat	e at	A0057 0	2/14	
Calibration performer should be amp. of calibration. pH buffer 7. w/quinhydro The reading should pH buffer 4. w/quinhydro The reading should Start Ro	e calibrated using 3 buffer After calibration read buffer 00 00 00 00 00 00 00 00 00 00 00 00 0	S. pH Calibration of the composition of the composi	0835 ition readings should be could read ± 0.05 from Temp (°C) lues: +98 mV at 20°C, Temp (°C) 5mV at 25°C above the	13.8 +90 mV at 25°C 13.7 reading in the 7 buffer Quinhydrone	Lot / Exp Dat Lot / Exp Dat mixture Lot / Exp Dat	e at	A0057 0	2/14	
Calibration performer should be amp. of calibration. pH buffer 7. w/quinhydro The reading should pH buffer 4. w/quinhydro The reading should Start Ro	permed at e callibrated using 3 buffer After calibration read buffer 00 00 00 00 00 00 00 00 00 00 00 00 0	S. pH Calibration of the composition of the composi	0835 ition readings should be could read ± 0.05 from Temp (°C) lues: +98 mV at 20°C, Temp (°C) 5mV at 25°C above the	13.8 +90 mV at 25°C 13.7 reading in the 7 buffer Quinhydrone .ot # and Expirati	Lot / Exp Dat Lot / Exp Dat mixture Lot / Exp Dat	e ati	A0057 0 A0081 0 Q17228 0	2/14	

DATE:	2/24/2011	CLIENT:_	Dresd	ner Robin	SITE	:PP	G Jersey City
WEATHER: _	Cool, 40° F	ARRIVAL:	0830	DEPARTURE	1	730	JOB #: 23410
ANALYST	/ FIELD SAMPLE	R: K.	Harrelson	FIEL	D SAMPLER	:	
		FIELD INS	TRUMENT A	ND CALIBRA	TION DAT		
		METER ID'S					
DO _	METER M-043		PROBE MP-133		Set to :	Turbidit	
pH COND ORP	E-016 M-024 M-036		MP-107 MP-083		Lot & Exp	A0:	278 3-10-11
TURBIDITY _	M-050		MP-128		Read:	True Value	1.00
	DISSOLVED O					Result	0.93
Barome	etric Press (mm H	769			Land HyGest National	C03	8030 3-10-11
Calibration mus	t be to 100% O2 Satura	-			Nosul mosi	Do will iii 1078 C	Tito value
						nd Expiratio	
		Temp (°C)				0263 7/201	
Buffer 7.00	7.05 10.15	Temp (°C) Temp (°C)				\9273 9/2013	Water Control of the
Calibration per		_ remp (C)	0905		A	0333 11/201	<u> </u>
pH buffer w/quinhyd	7.00 rone 1	ORP 02.6 Te	mp (°C)	14.0	Lot / Exp Da	to A	0034 2/2012
	uld be within ±15mV from						
w/quinhyd		74.7 Te	mp (°C)	10.0	Lot / Exp Da	te A	0071 3/2014
The reading shou	uld be between +170mV	at 20°C and +185m	V at 25°C above to	ne reading in the 7 but	ffer mixture		
				Quinhydrone	Lot / Exp Da	te C	17266 3/2013
	SPECIFIC CO	NDUCTANO	E				
	tandard 1000 ± 10	uS/cm NaCl	L	ot # and Expirati A0257 9/20			
	Reading 1	000					
	emp (°C) 1 eading must be 1000 us	0.0 S/cm					
NOTES:	Primary R	eview: TP	3/7/11	Secondary R	Review: KBH 3	3/08/2011	