

PERFORMANCE EVALUATION

Off-study

WP08-3-153

RT2700E
RTC Labcode

21-Aug-2008 through 3-Oct-2008

US EPA Labcode

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Thank you for participating in study WP08-3-153. Additional information about this study may be found online at www.rt-corp.com. If you have any questions or comments about this study please contact me.

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Sincerely,



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Dataset

CPEA2008

Minerals

Analysis
EPA 120.1
Conductance

Method Number 10006209
Technology Code: COND

	ResultUnits	Accept / Warn	Z	Evaluation
Specific conductance, Conductivity (25°C) ^{1, 3, 4} 1610 / I-027-12 - Lot 013316/0/Analyst: CG/ Analysis Date: 9/30/08	525µmhos/cm	462 to 564 479 to 547	0.70	Acceptable

Miscellaneous Analytes

Analysis
EPA 150.1
Ion Selective Electrode

Method Number 10008205
Technology Code: ISE

	ResultUnits	Accept / Warn	Z	Evaluation
pH ^{1, 3, 4} 1900 / I-027-3 - Lot 013300/Analyst: CG/ Analysis Date: 10/3/08	7.20Units	7.02 to 7.42	-0.20	Acceptable

Analysis
EPA 360.2 (1971)

Method Number 10069406

	ResultUnits	Accept / Warn	Z	Evaluation
Oxygen, dissolved ⁴ 1880 / I-263 - Lot 013346/Analyst: MC/ Analysis Date: 10/3/08	8.5mg/L	4.34 to 11.5 5.53 to 10.3	0.50	Acceptable

Analysis
SM/APHA 4500-O G 21st ED (2005)

Method Number 20121408

	ResultUnits	Accept / Warn	Z	Evaluation
Salinity ⁴ 1975 / I-260 - Lot 013676/Analyst: CG/ Analysis Date: 10/3/08	15.24Wt%	8.05 to 17.7	1.44	Acceptable

Analysis
SM2580B

Method Number 0

	ResultUnits	Accept / Warn	Z	Evaluation
Potential ⁴ 9995 / I-262 - Lot 013709/Analyst: CG/ Analysis Date: 10/3/08	535mV	404 to 546 428 to 523	2.52	Acceptable

End of CPEA2008



Sample Information

Minerals

PEI-027-12

Study Lot 013316/0
Mfg Lot 013316/013317

	Units	Proficiency Value	Proficiency Std. Dev.	Mean	Standard Deviation	Robust Mean	Robust Std. Dev.	Gravimetric
Specific conductance, Conductivity (25°C) 1610 Minerals	µmhos/cm	513.00	17.10	525.00	73.70	513.00	10.70	514 ± 2.62

pH

PEI-027-3

Study Lot 013300
Mfg Lot 013300

	Units	Proficiency Value	Proficiency Std. Dev.	Mean	Standard Deviation	Robust Mean	Robust Std. Dev.	Gravimetric
pH 1900 Miscellaneous Analytes	Units	7.22	0.10	7.22	0.14	7.22	0.06	7.22 ± 0.037

Salinity

PEI-260

Study Lot 013676
Mfg Lot 013676

	Units	Proficiency Value	Proficiency Std. Dev.	Mean	Standard Deviation	Robust Mean	Robust Std. Dev.	Gravimetric
Salinity 1975 Miscellaneous Analytes	Wt%	12.90	1.62	13.00	1.45	12.90	1.62	12.9

Oxidation - Reduction

PEI-262

Study Lot 013709
Mfg Lot 013709

	Units	Proficiency Value	Proficiency Std. Dev.	Mean	Standard Deviation	Robust Mean	Robust Std. Dev.	Gravimetric
Potential 9995 Miscellaneous Analytes	mV	475.00	23.80					475

Dissolved Oxygen

PEI-263

Study Lot 013346
Mfg Lot 013346

	Units	Proficiency Value	Proficiency Std. Dev.	Mean	Standard Deviation	Robust Mean	Robust Std. Dev.	Gravimetric
Oxygen, dissolved 1880 Miscellaneous Analytes	mg/L	7.90	1.19	7.42	0.98	7.55	0.94	7.90 ±

Program analyte accrediting footnotes

1 NELAC

3 Other

5 NELAC Experimental

2 EPA

4 A2LA