

Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1345
Date Reported: 2012-12-21
Date Submitted: 2012-12-20
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1004674	WS-S-0668 Intake	2012-2314-00-SI-SP	2012-12-17	Alkalinity as CaCO ₃	mg/L	5	9
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	2
				Colour	TCU	2	47
				Conductivity	uS/cm	5	28
				Dissolved Organic Carbon	mg/L	0.5	6.9
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO ₃	mg/L	1	7
				N-NH ₃ (Ammonia)	mg/L	0.02	<0.02
				N-NO ₂ (Nitrite)	mg/L	0.10	<0.10
				N-NO ₃ (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.50
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	18
				Total Kjeldahl Nitrogen	mg/L	0.10	0.24
				Total Organic Carbon	mg/L	0.5	6.7
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	1.0
				Aluminum	mg/L	0.01	0.08
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:
Holding time for Turbidity analysis was exceeded for the entire report.



APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.


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Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1004674	WS-S-0668 Intake	2012-2314-00-SI-SP	2012-12-17	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.11
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.006
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:
Holding time for Turbidity analysis was exceeded for the entire report.

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Methods references and/or additional QA/QC information available on request.

APPROVAL: 
Lorna Wilson
Inorganic Laboratory Supervisor

Client: Department of Environment
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Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1346
Date Reported: 2012-12-27
Date Submitted: 2012-12-21
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005102	WS-S-0668 Intake	2012-2317-00-SI-SP	2012-12-18	Alkalinity as CaCO ₃	mg/L	5	6
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	48
				Conductivity	uS/cm	5	27
				Dissolved Organic Carbon	mg/L	0.5	7.0
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO ₃	mg/L	1	7
				N-NH ₃ (Ammonia)	mg/L	0.02	<0.02
				N-NO ₂ (Nitrite)	mg/L	0.10	<0.10
				N-NO ₃ (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.25
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	18
				Total Kjeldahl Nitrogen	mg/L	0.10	0.17
				Total Organic Carbon	mg/L	0.5	7.0
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.8
				Aluminum	mg/L	0.01	0.07
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:
 Holding time for turbidity analysis was exceeded.



APPROVAL: _____

 Diana Cameron
 Inorganic Laboratory Team Leader

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Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1346
Date Reported: 2012-12-27
Date Submitted: 2012-12-21
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005102	WS-S-0668 Intake	2012-2317-00-SI-SP	2012-12-18	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.09
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.008
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:
Holding time for turbidity analysis was exceeded.

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APPROVAL: 
Diana Cameron
Inorganic Laboratory Team Leader

Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1347
Date Reported: 2012-12-27
Date Submitted: 2012-12-21
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005107	WS-S-0668 Intake	2012-2322-00-SI-SP	2012-12-19	Alkalinity as CaCO3	mg/L	5	8
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	2
				Colour	TCU	2	50
				Conductivity	uS/cm	5	26
				Dissolved Organic Carbon	mg/L	0.5	6.8
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	7
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.34
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	17
				Total Kjeldahl Nitrogen	mg/L	0.10	<0.10
				Total Organic Carbon	mg/L	0.5	6.7
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.4
				Aluminum	mg/L	0.01	0.07
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:



APPROVAL: _____

Diana Cameron
Inorganic Laboratory Team Leader

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COC Number: 1347
Date Reported: 2012-12-27
Date Submitted: 2012-12-21
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005107	WS-S-0668 Intake	2012-2322-00-SI-SP	2012-12-19	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.10
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.007
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:

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APPROVAL: 
 Diana Cameron
 Inorganic Laboratory Team Leader


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Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1348
Date Reported: 2012-12-28
Date Submitted: 2012-12-22
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005161	WS-S-0668 Intake	2012-2324-00-SI-SP	2012-12-20	Alkalinity as CaCO3	mg/L	5	8
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	2
				Colour	TCU	2	47
				Conductivity	uS/cm	5	26
				Dissolved Organic Carbon	mg/L	0.5	6.8
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	7
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.36
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	17
				Total Kjeldahl Nitrogen	mg/L	0.10	0.16
				Total Organic Carbon	mg/L	0.5	6.6
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.6
				Aluminum	mg/L	0.01	0.07
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:

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APPROVAL: 
 Lorna Wilson
 Inorganic Laboratory Supervisor


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Purchase Order: 212004311

COC Number: 1348
Date Reported: 2012-12-28
Date Submitted: 2012-12-22
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005161	WS-S-0668 Intake	2012-2324-00-SI-SP	2012-12-20	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.10
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.008
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:

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APPROVAL: 
 Lorna Wilson
 Inorganic Laboratory Supervisor

Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls - Windsor
Purchase Order: 212004311

COC Number: 1349
Date Reported: 2012-12-31
Date Submitted: 2012-12-27
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005194	WS-S-0068 Intake	2012-2326-00-SI-SP	2012-12-21	Alkalinity as CaCO ₃	mg/L	5	8
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	2
				Colour	TCU	2	48
				Conductivity	uS/cm	5	28
				Dissolved Organic Carbon	mg/L	0.5	6.8
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO ₃	mg/L	1	7
				N-NH ₃ (Ammonia)	mg/L	0.02	<0.02
				N-NO ₂ (Nitrite)	mg/L	0.10	<0.10
				N-NO ₃ (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.87
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	18
				Total Kjeldahl Nitrogen	mg/L	0.10	0.16
				Total Organic Carbon	mg/L	0.5	6.7
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.2
				Aluminum	mg/L	0.01	0.08
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:
Holding time for turbidity analysis was exceeded.



APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

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Methods references and/or additional QA/QC information available on request.


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls - Windsor
Purchase Order: 212004311

COC Number: 1349
Date Reported: 2012-12-31
Date Submitted: 2012-12-27
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005194	WS-S-0068 Intake	2012-2326-00-SI-SP	2012-12-21	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.10
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.005
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:
Holding time for turbidity analysis was exceeded.

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APPROVAL: 
Lorna Wilson
Inorganic Laboratory Supervisor

Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1350
Date Reported: 2013-01-02
Date Submitted: 2012-12-28
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005307	WS-S-0668 Intake Site #1	2012-2328-00-SI-SP	2012-12-24	Alkalinity as CaCO3	mg/L	5	5
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	56
				Conductivity	uS/cm	5	27
				Dissolved Organic Carbon	mg/L	0.5	6.9
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	7
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.15
				Sulphate	mg/L	3	3
				Total Dissolved Solids (COND - CALC)	mg/L	1	18
				Total Kjeldahl Nitrogen	mg/L	0.10	<0.10
				Total Organic Carbon	mg/L	0.5	7.1
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.6
				Aluminum	mg/L	0.01	0.09
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:
Holding time for turbidity analysis was exceeded.



APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

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Methods references and/or additional QA/QC information available on request.


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1350
Date Reported: 2013-01-02
Date Submitted: 2012-12-28
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005307	WS-S-0668 Intake Site #1	2012-2328-00-SI-SP	2012-12-24	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.13
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.007
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:
Holding time for turbidity analysis was exceeded.

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APPROVAL: 
Lorna Wilson
Inorganic Laboratory Supervisor

Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Corner Brook
Purchase Order: 212004311

COC Number: 0636
Date Reported: 2013-01-03
Date Submitted: 2012-12-31
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005502	WS-S-0668 South Brook Intake	2012-2330-00-SI-SP	2012-12-27	Alkalinity as CaCO3	mg/L	5	6
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	2
				Colour	TCU	2	48
				Conductivity	uS/cm	5	25
				Dissolved Organic Carbon	mg/L	0.5	6.6
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	5
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.18
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	16
				Total Kjeldahl Nitrogen	mg/L	0.10	<0.10
				Total Organic Carbon	mg/L	0.5	6.9
				Total Phosphorus	mg/L	0.01	0.03
				Turbidity	NTU	0.1	0.7
				Aluminum	mg/L	0.01	0.08
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	2
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:



APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

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 Methods references and/or additional QA/QC information available on request.


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Corner Brook
Purchase Order: 212004311

COC Number: 0636
Date Reported: 2013-01-03
Date Submitted: 2012-12-31
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1005502	WS-S-0668 South Brook Intake	2012-2330-00-SI-SP	2012-12-27	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.10
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.007
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:

Results relate only to the parameters tested on the samples submitted.
 Methods references and/or additional QA/QC information available on request.

APPROVAL: 
 Lorna Wilson
 Inorganic Laboratory Supervisor

Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1351
Date Reported: 2013-01-11
Date Submitted: 2013-01-09
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1006558	SA-0092 Intake	2013-2500-00-SI-SP	2013-01-07	Alkalinity as CaCO ₃	mg/L	5	9
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	47
				Conductivity	uS/cm	5	29
				Dissolved Organic Carbon	mg/L	0.5	6.8
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO ₃	mg/L	1	5
				N-NH ₃ (Ammonia)	mg/L	0.02	0.05
				N-NO ₂ (Nitrite)	mg/L	0.10	<0.10
				N-NO ₃ (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	7.10
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	19
				Total Kjeldahl Nitrogen	mg/L	0.10	0.22
				Total Organic Carbon	mg/L	0.5	6.7
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.5
				Aluminum	mg/L	0.01	0.08
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	2
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:



APPROVAL: _____

Lorna Wilson
Inorganic Laboratory Supervisor

Results relate only to the parameters tested on the samples submitted.
 Methods references and/or additional QA/QC information available on request.


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1351
Date Reported: 2013-01-11
Date Submitted: 2013-01-09
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1006558	SA-0092 Intake	2013-2500-00-SI-SP	2013-01-07	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.12
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.008
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:

Results relate only to the parameters tested on the samples submitted.
 Methods references and/or additional QA/QC information available on request.

APPROVAL: 
 Lorna Wilson
 Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1352
Date Reported: 2013-01-28
Date Submitted: 2013-01-18
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1007886	WS-S-0668 Intake	2013-2502-00-SI-SP	2013-01-15	Alkalinity as CaCO3	mg/L	5	10
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	48
				Conductivity	uS/cm	5	27
				Dissolved Organic Carbon	mg/L	0.5	6.5
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	7
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.76
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	18
				Total Kjeldahl Nitrogen	mg/L	0.10	0.12
				Total Organic Carbon	mg/L	0.5	6.5
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	1.4
				Aluminum	mg/L	0.01	0.08
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:
Holding time for Turbidity analysis was exceeded for the entire report.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

APPROVAL: 
Lorna Wilson
Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1352
Date Reported: 2013-01-28
Date Submitted: 2013-01-18
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1007886	WS-S-0668 Intake	2013-2502-00-SI-SP	2013-01-15	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.09
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.008
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:
Holding time for Turbidity analysis was exceeded for the entire report.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

APPROVAL: 
Lorna Wilson
Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls - Windsor
Purchase Order: 212004311

COC Number: 1354
Date Reported: 2013-01-25
Date Submitted: 2013-01-24
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1008513	WS-S-0668 Intake	2013-2504-00-SI-SP	2013-01-21	Alkalinity as CaCO3	mg/L	5	8
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	46
				Conductivity	uS/cm	5	28
				Dissolved Organic Carbon	mg/L	0.5	6.8
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	7
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.77
				Sulphate	mg/L	3	3
				Total Dissolved Solids (COND - CALC)	mg/L	1	18
				Total Kjeldahl Nitrogen	mg/L	0.10	<0.10
				Total Organic Carbon	mg/L	0.5	6.7
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	1.1
				Aluminum	mg/L	0.01	0.08
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:
Holding time for Turbidity analysis was exceeded for the entire report.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

APPROVAL: 
Lorna Wilson
Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls - Windsor
Purchase Order: 212004311

COC Number: 1354
Date Reported: 2013-01-25
Date Submitted: 2013-01-24
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1008513	WS-S-0668 Intake	2013-2504-00-SI-SP	2013-01-21	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.10
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.007
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:
Holding time for Turbidity analysis was exceeded for the entire report.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

APPROVAL: 
Lorna Wilson
Inorganic Laboratory Supervisor

Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1357
Date Reported: 2013-02-01
Date Submitted: 2013-01-31
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1009576	WS-S-0668 South Brook Intake	2013-2506-00-SI-SP	2013-01-28	Alkalinity as CaCO3	mg/L	5	6
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	45
				Conductivity	uS/cm	5	31
				Dissolved Organic Carbon	mg/L	0.5	6.4
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	7
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.82
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	20
				Total Kjeldahl Nitrogen	mg/L	0.10	0.12
				Total Organic Carbon	mg/L	0.5	6.5
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.7
				Aluminum	mg/L	0.01	0.07
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:

Holding time for Turbidity analysis was exceeded for the entire report.

Results relate only to the parameters tested on the samples submitted.
 Methods references and/or additional QA/QC information available on request.

APPROVAL: _____

Lorna Wilson
 Inorganic Laboratory Supervisor




Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1357
Date Reported: 2013-02-01
Date Submitted: 2013-01-31
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1009576	WS-S-0668 South Brook Intake	2013-2506-00-SI-SP	2013-01-28	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.09
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	2
				Strontium	mg/L	0.001	0.007
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:
Holding time for Turbidity analysis was exceeded for the entire report.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

APPROVAL: 
Lorna Wilson
Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1364
Date Reported: 2013-02-20
Date Submitted: 2013-02-19
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1012064	WS-S-0668 Intake	2013-2509-00-SI-SP	2013-02-12	Alkalinity as CaCO3	mg/L	5	8
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	44
				Conductivity	uS/cm	5	28
				Dissolved Organic Carbon	mg/L	0.5	6.3
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	7
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.62
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	18
				Total Kjeldahl Nitrogen	mg/L	0.10	0.29
				Total Organic Carbon	mg/L	0.5	6.2
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.5
				Aluminum	mg/L	0.01	0.08
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:

Results relate only to the parameters tested on the samples submitted.
 Methods references and/or additional QA/QC information available on request.

APPROVAL: 
 Lorna Wilson
 Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1364
Date Reported: 2013-02-20
Date Submitted: 2013-02-19
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1012064	WS-S-0668 Intake	2013-2509-00-SI-SP	2013-02-12	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.14
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.008
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:

Results relate only to the parameters tested on the samples submitted.
 Methods references and/or additional QA/QC information available on request.

APPROVAL: 
 Lorna Wilson
 Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1373
Date Reported: 2013-03-14
Date Submitted: 2013-03-13
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1015417	WS-S-0668 South Brook - Next to Brook	2013-2510-00-SI-SP	2013-03-08	Alkalinity as CaCO3	mg/L	5	7
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	46
				Conductivity	uS/cm	5	31
				Dissolved Organic Carbon	mg/L	0.5	5.8
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	7
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.81
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	20
				Total Kjeldahl Nitrogen	mg/L	0.10	0.26
				Total Organic Carbon	mg/L	0.5	5.8
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.6
				Aluminum	mg/L	0.01	0.08
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:

Results relate only to the parameters tested on the samples submitted.
 Methods references and/or additional QA/QC information available on request.

APPROVAL: 
 Lorna Wilson
 Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 212004311

COC Number: 1373
Date Reported: 2013-03-14
Date Submitted: 2013-03-13
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1015417	WS-S-0668 South Brook - Next to Brook	2013-2510-00-SI-SP	2013-03-08	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.11
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	2
				Strontium	mg/L	0.001	0.009
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:

Results relate only to the parameters tested on the samples submitted.
 Methods references and/or additional QA/QC information available on request.

APPROVAL: 
 Lorna Wilson
 Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 213002094

COC Number: 1375
Date Reported: 2013-04-19
Date Submitted: 2013-04-16
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1020781	WS-S-0068	2013-2512-00-SI-SP	2013-04-12	Alkalinity as CaCO3	mg/L	5	9
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	47
				Conductivity	uS/cm	5	27
				Dissolved Organic Carbon	mg/L	0.5	6.2
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	5
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.70
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	18
				Total Kjeldahl Nitrogen	mg/L	0.10	0.11
				Total Organic Carbon	mg/L	0.5	6.3
				Total Phosphorus	mg/L	0.01	0.09
				Turbidity	NTU	0.1	0.5
				Aluminum	mg/L	0.01	0.08
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	2
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:
Holding time for turbidity analysis was exceeded.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

APPROVAL: 
Lorna Wilson
Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 213002094

COC Number: 1375
Date Reported: 2013-04-19
Date Submitted: 2013-04-16
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1020781	WS-S-0068	2013-2512-00-SI-SP	2013-04-12	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.10
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.008
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:
Holding time for turbidity analysis was exceeded.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

APPROVAL: 
Lorna Wilson
Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 213002094

COC Number: 1377
Date Reported: 2013-05-14
Date Submitted: 2013-05-10
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1025787	WS-S-0688 Intake	2013-2514-00-SI-SP	2013-05-08	Alkalinity as CaCO3	mg/L	5	5
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	2
				Colour	TCU	2	48
				Conductivity	uS/cm	5	23
				Dissolved Organic Carbon	mg/L	0.5	5.9
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	5
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	6.52
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	15
				Total Kjeldahl Nitrogen	mg/L	0.10	<0.10
				Total Organic Carbon	mg/L	0.5	6.0
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.5
				Aluminum	mg/L	0.01	0.08
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	2
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:

Results relate only to the parameters tested on the samples submitted.
 Methods references and/or additional QA/QC information available on request.

APPROVAL: 
 Lorna Wilson
 Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 213002094

COC Number: 1377
Date Reported: 2013-05-14
Date Submitted: 2013-05-10
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1025787	WS-S-0688 Intake	2013-2514-00-SI-SP	2013-05-08	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.10
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	<2
				Strontium	mg/L	0.001	0.006
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:

Results relate only to the parameters tested on the samples submitted.
 Methods references and/or additional QA/QC information available on request.

APPROVAL: 
 Lorna Wilson
 Inorganic Laboratory Supervisor


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 213002094

COC Number: 1394
Date Reported: 2013-07-08
Date Submitted: 2013-06-28
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1037808	WS-S-0668 Intake	2013-2516-00-SI-SP	2013-06-26	Alkalinity as CaCO3	mg/L	5	12
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	37
				Conductivity	uS/cm	5	31
				Dissolved Organic Carbon	mg/L	0.5	5.5
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	7
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	7.27
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	20
				Total Kjeldahl Nitrogen	mg/L	0.10	0.15
				Total Organic Carbon	mg/L	0.5	5.3
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.2
				Aluminum	mg/L	0.01	0.06
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:
Holding time for turbidity analysis was exceeded.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

APPROVAL: 
 Lorna Wilson
 Laboratory Supervisor, Inorganics


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 213002094

COC Number: 1394
Date Reported: 2013-07-08
Date Submitted: 2013-06-28
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1037808	WS-S-0668 Intake	2013-2516-00-SI-SP	2013-06-26	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.05
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	2
				Strontium	mg/L	0.001	0.008
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:
Holding time for turbidity analysis was exceeded.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

APPROVAL: 
Lorna Wilson
Laboratory Supervisor, Inorganics

Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 213002094

COC Number: 2006
Date Reported: 2013-09-06
Date Submitted: 2013-08-29
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1054332	WS-S-0668 South Brook - Next to Brook	2013-2193-00-SI-RE	2013-08-26	Alkalinity as CaCO3	mg/L	5	10
				Bromide	mg/L	0.25	<0.25
				Chloride	mg/L	1	3
				Colour	TCU	2	36
				Conductivity	uS/cm	5	32
				Dissolved Organic Carbon	mg/L	0.5	5.9
				Fluoride	mg/L	0.10	<0.10
				Hardness as CaCO3	mg/L	1	7
				N-NH3 (Ammonia)	mg/L	0.02	<0.02
				N-NO2 (Nitrite)	mg/L	0.10	<0.10
				N-NO3 (Nitrate)	mg/L	0.10	<0.10
				pH		1.00	7.35
				Sulphate	mg/L	3	<3
				Total Dissolved Solids (COND - CALC)	mg/L	1	21
				Total Kjeldahl Nitrogen	mg/L	0.10	0.18
				Total Organic Carbon	mg/L	0.5	5.8
				Total Phosphorus	mg/L	0.01	<0.01
				Turbidity	NTU	0.1	0.3
				Aluminum	mg/L	0.01	0.05
				Antimony	mg/L	0.0005	<0.0005
				Arsenic	mg/L	0.001	<0.001
				Barium	mg/L	0.01	<0.01
				Boron	mg/L	0.01	<0.01
				Calcium	mg/L	1	3
				Cadmium	mg/L	0.0001	<0.0001
				Chromium	mg/L	0.001	<0.001

Comment:
Holding time for turbidity analysis was exceeded.



APPROVAL: _____

Lorna Wilson
Laboratory Supervisor, Inorganics

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.


Client: Department of Environment
Attention: Ms. Annette Tobin
Client Project: Grand Falls-Windsor
Purchase Order: 213002094

COC Number: 2006
Date Reported: 2013-09-06
Date Submitted: 2013-08-29
Sample Matrix: Water

<u>LAB ID</u>	<u>Supply / Description</u>	<u>Client Sample ID</u>	<u>Sample Date</u>	<u>ANALYTE</u>	<u>UNIT</u>	<u>MRL</u>	<u>RESULT</u>
1054332	WS-S-0668 South Brook - Next to Brook	2013-2193-00-SI-RE	2013-08-26	Copper	mg/L	0.001	<0.001
				Iron	mg/L	0.03	0.06
				Lead	mg/L	0.001	<0.001
				Magnesium	mg/L	1	<1
				Manganese	mg/L	0.01	<0.01
				Mercury	mg/L	0.0001	<0.0001
				Nickel	mg/L	0.005	<0.005
				Potassium	mg/L	1	<1
				Selenium	mg/L	0.001	<0.001
				Sodium	mg/L	2	2
				Strontium	mg/L	0.001	0.009
				Uranium	mg/L	0.001	<0.001
				Zinc	mg/L	0.01	<0.01

Comment:
Holding time for turbidity analysis was exceeded.

Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

APPROVAL: 
Lorna Wilson
Laboratory Supervisor, Inorganics