

MEMORANDUM



Date: May 09, 2013
To: Sheila Kitz, CAO, County of St. Paul
cc:
From: Matthew Brassard
File: 3144.0003.02
Subject: Project Summary – Estimated Costs to Complete

Sheila,

As discussed, please find below a summary of the estimated costs to complete the Ashmont water treatment plant and the Ashmont / Lottie Lake transmission line projects. These costs are based on limited amount of work remaining to commission the transmission line as well as our Class A cost estimate on the WTP.

In addition to the transmission line and WTP we have also included a new backup well as required by Alberta Environment as part of the regional hub system. You will recall that we had proposed to trade the County's observation well, which is not suitable from a quantity perspective for a backup well, with Alberta Environment's observation well, located roughly 75 west of the County's well, in order to save costs, but the Province did not consider this approach viable. The Province's observation well is suitable to service the County's raw water needs.

The following table briefly summarizes the projected funds required to complete the Ashmont Water Treatment Plant and associated components for the regional hub system. More detailed cost estimates and backup information are included for reference.

Component	Estimated Cost
WTP (Class A estimate) ¹	\$2,860,000
New Backup Supply Well	\$145,000
Transmission Line	\$295,000
Total =	\$3,300,000
Approved Funding	\$4,600,000
Spent to Date	\$3,110,000
Funding Remaining =	\$1,490,000
Additional Funding Required =	\$1,810,000
Total Projected Project Cost (2013)	\$6,410,000
Associated Engineering Estimate (2009) ²	\$6,500,000
Projected Difference =	(\$90,000)

1 – Includes optional items in the contract, most notably \$185,000 for a backup generator at the WTP.

2 – The \$6.5M estimate is based on \$2.2M for the transmission line and \$4.3M for the Ashmont WTP as a regional hub.

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At this time we are prepared to tender the water treatment plant design package and suggest a May 16, 2013 tender date providing both Alberta Transportation and the County of St. Paul approve the additional funding. We believe that by tendering the design, the Province and the County will have a much better sense of actual costs to complete and are still able to cancel the tender should the tendered costs exceed reasonable expectations. The County and Province could tender the project in late 2013 for a 2014 construction period, assuming provincial funding would be available in 2014.

We recommend that the County tender the project May 16, 2013 to confirm pricing and make a final decision on construction once the tender period has closed.

URBAN SYSTEMS LTD.

A handwritten signature in blue ink, appearing to read "Matthew Brassard", followed by a long horizontal line.

Matthew Brassard, P.Eng
Branch Leader, Principal

/mbr

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County of St. Paul - WTP and Regional Supply Line
Cost to Complete

New Backup Well		
New Well		\$ 145,000

WTP		
Detailed Design Fees to Complete		
Urban Systems		\$ 36,561
Specialist Consultants		\$ 35,065
Estimated Construction		
WTP		\$ 2,417,500
Contingency (5%)		\$ 120,900
Construction Fees (5%)		\$ 127,000
General Requirements (5%)		\$ 120,900
SubTotal		\$ 2,786,300
WTP TOTAL =		\$ 2,857,926

Transmission Line		
Construction/Record Dwgs		\$ 13,335
Outstanding Construction		\$ 74,019
Builders Lien Holdback (10%)		\$ 203,070
Transmission Line TOTAL =		\$ 290,423

Spent to date		\$ 3,109,780
Approved Project Value		\$ 4,600,000

Project Funding Deficiency = -\$ 1,803,129 Includes new backup well, emergency generator @WTP

Estimated Total Project Cost = \$ 6,403,129

AE (2009) Estimated Cost = \$ 6,500,000 Note: This value assumes that the Ashmont WTP will be a 'hub' for the region.

County of St. Paul - Ashmont Water Treatment Plant Upgrade

DIRECT FILTRATION WITH RO MEMBRANES

Date 29-Apr-13

Project Number: 3144.0003.02

ASHMONT WTP CAPITAL CONSTRUCTION COSTS - CLASS A ESTIMATE

Section	Description	Unit	Quantity	Material or Equipment Costs		Labour & Overhead (1,2)	TOTAL COSTS
				Unit Price	Total Price		
1.0	SITE WORKS AND YARD PIPING						
1.1	Site Excavation Trenching and Backfill, onsite disposal	m^3	18	\$ 15	\$ 270	\$ -	300
1.2	Building Excavation and backfill and disposal	m^3	400	\$ 55	\$ 22,000	\$ -	22,000
1.3	100mm topsoil	m^2	460	\$ 5	\$ 2,300	\$ -	2,300
1.4	Hydroseeding	m^2	460	\$ 3	\$ 1,380	\$ -	1,400
1.5	Granular base						
1.6	- Base (300mm Thickness)	m^2	170	\$ 40	\$ 6,800	\$ -	6,800
1.7	- Sub base (250mm Minus)	m^2	170	\$ 35	\$ 5,950	\$ -	6,000
1.8	Yard Piping				\$ -		
1.9	Cathodic Protection and Testing Station	LS	1	\$ 2,000	\$ 2,000	\$ 1,000.00	3,000
1.10	Pipe locates	each	3	\$ 500	\$ 1,500	\$ -	1,500
1.11	Raw water Tie-in						
1.12	- Transmission Coupling - 100mm	each	2	\$ 300	\$ 600	\$ -	600
1.13	- HXF Gate Valve - 100mm	each	1	\$ 750	\$ 750	\$ -	800
1.14	- FXF gate Valve - 100mm	each	1	\$ 750	\$ 750	\$ -	800
1.15	- 22.5 Bend - 100mm	each	2	\$ 300	\$ 600	\$ -	600
1.16	- 45 Bend - 100mm	each	1	\$ 300	\$ 300	\$ -	300
1.17	- 100mm PVC Pipe DR 25	m	30	\$ 150	\$ 4,500	\$ -	4,500
1.18	Potable Water Line						
	- 50mm PVC Series 160	m	50	\$ 75	\$ 3,750	\$ -	3,800
	- 45 Bend - 50mm	each	2	\$ 200	\$ 400	\$ -	400
	- 90 bend - 50mm	each	2	\$ 200	\$ 400	\$ -	400
1.19	Core into Reservoir and seal around pipe	LS	1	\$ 1,500	\$ 1,500	\$ -	1,500
1.20	Sanitary						
	75mm PVC SDR26	m	4	\$ 100	\$ 400	\$ -	400
1.21	1200 mm X 3m deep manhole, C/W base, riser and cover	each	1	\$ 3,500	\$ 3,500	\$ 1,750.00	5,300
1.22	1200 mm manhole upgrades - Raise by 112mm	LS	1	\$ 750	\$ 750	\$ -	800
1.23	1200 mm manhole for pressure transmitter - well site	LS	1	\$ 3,500	\$ 3,500	\$ 1,750.00	5,300
1.24	Install new gas line and meter	LS	1	\$ 5,000	\$ 5,000	\$ -	5,000
1.25	Remove retaining wall	LS	1	\$ 1,500	\$ 1,500	\$ -	1,500
1.26	Remove gas line	LS	1	\$ 1,500	\$ 1,500	\$ -	1,500
1.27	Remove and dispose of the septic tank	LS	1	\$ 10,000	\$ 10,000	\$ -	10,000
						Subtotal - Site Works And Yard Piping	86,800
2.0	DEMOLITION AND CONSTRUCTION REQUIREMENTS						
2.1	Demolition, existing filter removal, piping, components, repairs, etc.	LS	1	\$ 20,000	\$ 20,000	\$ -	20,000
2.2	50mm Potable Mainline Relocation, Heat Trace and Insulation System	LS	1	\$ 2,500	\$ 2,500	\$ -	2,500
2.3	Relocate Existing Potable Water Main within Existing Facility	LS	1	\$ 1,500	\$ 1,500	\$ -	1,500
2.4	Install Heat Trace and Insulation System on Potable Water Penetration	LS	1	\$ 2,250	\$ 2,250	\$ -	2,300
2.5	Temporary Connection to Existing Raw Water Piping (Incl. restrained flange adapter)	LS	1	\$ 2,250	\$ 2,250	\$ -	2,300
			16			Subtotal - Existing Water Treatment Plant Demolition	28,600
3.0	WTP BUILDING						
3.1	Building						
	- Superstructure and Exterior Enclosure	m^2	334	\$ 1,000	\$ 334,000	\$ -	334,000
	- Building Electrical and Power Distribution (includes 3Phase power Pole, security, lighting etc.)	m^2	334	\$ 902	\$ 301,252	\$ -	301,300
	- Building Mechanical (HVAC / Plumbing)	m^2	334	\$ 534	\$ 178,356	\$ -	178,400
	- Gratings	LS	1	\$ 10,000	\$ 10,000	\$ -	10,000
3.2	Concrete - includes building slab, concrete forming and loading pad	m^3	160	\$ 1,200	\$ 192,000	\$ -	192,000

Project Number: 3144.0003.02

Date 29-Apr-13[illegible]

Date 29-Apr-13

ASHMONT WTP CAPITAL CONSTRUCTION COSTS - CLASS A ESTIMATE

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Email: AHingston@CanadianConsultingGroup.com
Phone: (780) 470-5916
Fax: (780) 459-1208

April 18, 2013

Urban Systems
Suite 1250, 13401-108th Ave
Surrey, British Columbia, V3T 5T3

Attention: Cristina Fonseca, Ph.D., P.Eng., P.E.

RE: Ashmont Water Treatment Plant Upgrades
Control System Configuration Proposal

We are pleased to provide a price in the amount of \$85,000 for the control system configuration for the Ashmont Water Treatment Plant Upgrades. Our pricing is based on the contract documents and in general terms, consists of the following scope of work.

- Development of a detailed control narrative for all equipment and instrumentation
- Detailed PLC I/O drawings for all PLC cards and I/O
- Detailed motor starter drawings for all motor starters
- Detailed wiring diagrams for all PLC controlled instruments and valves
- PLC configuration and programming for all plant controlled equipment and instruments
- HMI setup and configuration for all computers
- Network set-up of equipment as per the network diagram
- I/O wiring checks with the contractor
- Site acceptance testing and system integration for control system
- Onsite testing and commissioning of control system
- Warranty support of the control system

We require a minimum of 30 days notice before a programmer is required onsite from the contractor.

Price is exclusive of GST.

Please call if you require additional information or clarifications.

Yours truly,

Andrew Hingston, E.I.T.

5/01/13 12:46:07
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Costing System
Detail by Activity Report

2003/01/01 - 2013/12/31 Y-T-D

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Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount	Description
5C115	ASHMONT LOTTIE LAKE	2011/11/15				3,900.00	HAUL WATER
		2012/02/22				1,030.00	DEMO WATER HAUL RENEGADE PLUMBING
		2012/03/06				7,196.72	THURBER ENGINEERING LTD.
		2012/03/14				6,816.41	ZELTEC SYSTEMS
		2012/07/11				261,038.70	TO MAY 31, 2012
		2012/08/08				360,579.50	BERETTA PIPELINE CONSTRUCTION
		2012/09/12				408,689.64	BERETTA PIPELINE CONSTRUCTION
		2012/10/02				294,030.00	BERETTA PIPELINE CONSTRUCTION
		2012/12/31				208,370.00	BERETTA PIPELINE CONSTRUCTION
		2012/12/31				10,418.50	BERETTA PIPELINE CONSTRUCTION
		2012/12/31				10,418.50	-X**** CANCELLED INVOICE *****X
		2013/02/26				87,890.64	BERETTA PIPELINE CONSTRUCTION
		2013/04/02				67,249.00	BERETTA PIPELINE CONSTRUCTION
		2013/04/16				40,162.50	BERETTA PIPELINE CONSTRUCTION
** Totals for Activity CONT						1,746,953.11	Count 14
ERW	EASEMENT RIGHT OF WAY	2012/12/18				50.00	SIGNING ROEDER, ELROY
		2012/12/18				413.31	LAND .171 HA @ 2417.00 ROEDER, ELROY
		2012/12/18				50.00	SIGNING ROEDER, SUSAN
		2012/12/18				79.76	LAND .033 HA @ 2417.00 ROEDER, SUSAN
		2012/12/18				50.00	SIGNING ROEDER, KEVIN & NATALIE

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Entity		Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount	Description
5C115	ASHMONT LOTTIE LAKE	ERW EASEMENT RIGHT OF WAY	2012/12/18				974.05	LAND .403 HA @ 2417.00 ROEDER, KEVIN & NATALIE
			2012/12/18				200.00	CROP DAMAGE 1 ACRE CAPP, GEORGE & MIKE JR.
			2012/12/18				400.00	CROP DAMAGE 2 ACRES CAPP, GEORGE & MIKE JR.
			2012/12/18				50.00	EASEMENT - SIGNING MURRAY, PHILLIP H.
			2012/12/18				480.98	LAND - .199 HA @ 2417.00 MURRAY, PHILLIP H.
			2012/12/18				50.00	SIGNING MURRAY, SHANE P.
			2012/12/18				974.05	LAND .403 HA @ 2417.00 MURRAY, SHANE P.
			2012/12/18				400.00	LANDSCAPE BORROW 2 ACRES OSTAPOVICH, GEORGE & RUSSEL
			2012/12/18				400.00	CROP DAMAGE 2 ACRES OSTAPOVICH, GEORGE & RUSSEL
			2012/12/18				50.00	SIGNING STAROSIELSKI CATTLE INC.
			2012/12/18				974.05	LAND .403 HA @ 2417.00 STAROSIELSKI CATTLE INC.
			2012/12/18				1,000.00	CROP DAMAGE 5 ACRES STAROSIELSKI CATTLE INC.
			2012/12/18				200.00	CROP DAMAGE 1 ACRE STAROSIELSKI CATTLE INC.
			2012/12/18				200.00	CROP DAMAGE 1 ACRE STAROSIELSKI CATTLE INC.
			2012/12/19				6,996.20	RIGHT OF WAY EASEMENTS ASHMONT LOTTIE LAKE WFLG
		** Totals for Activity ERW						Count 20
	FENC Fencing		2012/05/05	21.0000			570.57	PAYROLL POSTING BATCH #0016026 REGULAR - HOURLY
			2012/05/05				54.78	PAYROLL POSTING BATCH #0016026 REGULAR - HOURLY
			2012/05/05	26.0000			495.56	PAYROLL POSTING BATCH #0016026 PUBLIC WORKS - STEP
			2012/05/05				47.58	PAYROLL POSTING BATCH #0016026 PUBLIC WORKS - STEP

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Costing System
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Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount Description
5C115	ASHMONT LOTTIE LAKE FENC Fencing	2012/05/05				67.46 PAYROLL POSTING BATCH #0016026 PUBLIC WORKS - LAPP
		2012/05/05				54.08 PAYROLL POSTING BATCH #0016026 PUBLIC WORKS - C.P.P.
		2012/05/05				29.92 PAYROLL POSTING BATCH #0016026 PUBLIC WORKS - U.I.C.
		2012/05/05				19.17 PAYROLL POSTING BATCH #0016026 PUBLIC WORKS - W.C.B.
		2012/12/18				1,500.00 FENCING CAPP, GEORGE & MIKE JR.
		2012/12/19				1,500.00-RIGHT OF WAY FENCING ASHMONT LOTTIE LAKE WFLG
		2012/12/31				1,339.12-WAGE FROM 5C115 TO 5C124 ASHMONT LOTTIE LAKE WFLG
	** Totals for Activity FENC		47.0000			Count 11
	GRAV Gravel Material	2012/08/15	20.0000			46.00 ST. LINA NORTH - NW 34-62 CRUSHED GRAVEL
		2012/08/31	20.0000-			46.00-ST. LINA NORTH - NW 34-62 CRUSHED GRAVEL
	** Totals for Activity GRAV					Count 2
	HGRV Hauling Gravel	2012/08/15	33.0000	20.0000		161.60 MARK'S TRUCKING MARK MILLER
		2012/08/31	33.0000-	20.0000-		161.60-MARK'S TRUCKING MARK MILLER
	** Totals for Activity HGRV					Count 2
	INSR INSURANCE	2012/06/11				1,843.70 CONSTRUCTION INSURANCE JUBILEE INSURANCE AGENCIES LTD
		2012/06/11				1,083.56 BUILDERS RISK JUBILEE INSURANCE AGENCIES LTD
		2012/10/02				932.15 BUILDERS RISK JUBILEE INSURANCE AGENCIES LTD
		2012/10/02				481.01 WRAP UP LIABILITY JUBILEE INSURANCE AGENCIES LTD

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Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount	Description
5C115	ASHMONT LOTTIE LAKE	2012/12/07				497.49	JUBILEE INSURANCE AGENCIES LTD
		2012/12/19				4,837.91	INSURANCE - WATERLINE CONST BERETTA
		2012/12/31	1.0000			4,837.91	CONSTRUCTION INSURANCE BERETTA PIPELINE CONSTRUCTION
		2012/12/31				4,837.91	INSURANCE DOUBLE JE ENTRY
	** Totals for Activity INSR		1.0000				Count 8
	OPR operator	2012/03/24	48.0000			10,608.00	PAYROLL POSTING BATCH #0015938 FOR EQUIPMENT # CT-01
		2012/03/24	4.0000			368.00	PAYROLL POSTING BATCH #0015938 FOR EQUIPMENT # CT-03
		2012/03/24	33.0000			6,006.00	PAYROLL POSTING BATCH #0015938 FOR EQUIPMENT # CT-05
		2012/03/24	4.5000			765.00	PAYROLL POSTING BATCH #0015938 FOR EQUIPMENT # MG-03B
		2012/03/24	5.0000			1,690.00	PAYROLL POSTING BATCH #0015938 FOR EQUIPMENT # MS-03
		2012/03/24	17.0000			2,601.00	PAYROLL POSTING BATCH #0015938 FOR EQUIPMENT # RT-01
		2012/03/24	18.0000			3,060.00	PAYROLL POSTING BATCH #0015938 FOR EQUIPMENT # RT-02
		2012/04/07	24.0000			5,304.00	PAYROLL POSTING BATCH #0015967 FOR EQUIPMENT # CT-01
		2012/12/31				30,402.00	5C115 TO 5C124 OPR TRANSFER
	** Totals for Activity OPR		153.5000				Count 9
	OTHR OTHER - GENERAL	2011/12/22				1,200.00	SPEEDCODE 483AU UNIVERSITY OF ALBERTA
		2012/02/14				1,972.33	CLEARTECH INDUSTRIES INC.
		2012/02/14				3,900.00	NORTHERN LIGHTS WELDING
		2012/02/14				213.72	B & R ECKEL'S TRANSPORT LTD.

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Entity	Activity	Date	Units	Description	Amount
5C115	ASHMONT LOTTIE LAKE	2012/03/06		92.19 CLEARTECH INDUSTRIES INC.	
		2012/03/14		38.61 PUROLATOR COURIER LTD.	
		2012/03/14		99.03 PUROLATOR COURIER LTD.	
	** Totals for Activity OTHR			7,515.88 Count	7
	RENT RENT OF EQUIPMENT FOR PRO	2012/03/22		10,000.00 WIGEN COMPANIES INC.	
		2012/05/08		2,210.50 WIGEN COMPANIES INC.	
	** Totals for Activity RENT			12,210.50 Count	2
	SUP SUPPLIES/MATERIALS	2012/03/22		689.20 ST. ARNAULT LUMBER & BUILDING	
		2012/03/22		240.70 CLEARTECH INDUSTRIES INC.	
		2012/04/04		25.52 PO 122657	
		2012/06/06		26.64 PUROLATOR COURIER LTD.	
	** Totals for Activity SUP			982.06 Count	4
	SURV SURVEYING & ENGINEERING	2011/09/01		3,812.00 ASHMONT WATER PROJECT	
		2011/09/01		256.96 C & J VANCO SERVICES	
		2011/10/05		25,977.40 ASHMONT PROJECT	
		2011/10/05		32,127.35 EXOVA CANADA INC.	
		2011/10/12		256.96 PLANT & PIPELINE UPGRADES	
		2011/10/12		256.96 URBAN SYSTEMS LTD.	
		2011/10/12		256.96 PLANT & PIPELINE UPGRADES	
		2011/10/12		256.96 URBAN SYSTEMS LTD.	
		2011/10/12		256.96 EXOVA CANADA INC.	
		2011/10/12		256.96 EXOVA CANADA INC.	

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Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount	Description
5C115	ASHMONT LOTTIE LAKE	SURV SURVEYING & ENGINEERING	2011/10/12			359.00	EXOVA CANADA INC.
			2011/10/12			359.00	EXOVA CANADA INC.
			2011/10/12			256.96	EXOVA CANADA INC.
			2011/11/02			3,000.00	DWG PROCESS SUPPLY LTD.
			2011/11/09			34,385.25	ASH/LOTTIE LAKE URBAN SYSTEMS LTD.
			2011/11/22			263.76	EXOVA CANADA INC.
			2011/11/22			312.52	EXOVA CANADA INC.
			2011/12/31			71,939.04	URBAN SYSTEMS LTD.
			2011/12/31			321.15	EXOVA CANADA INC.
			2011/12/31			321.15	EXOVA CANADA INC.
			2011/12/31			31,134.00	THURBER ENGINEERING INV 25475
			2011/12/31			72,050.64	URBAN SYSTEMS INV 108582
			2011/12/31			31,134.00	REVERSE JE 73 THURBER INV 25475
			2011/12/31			31,134.00	THURBER INV 25475
			2011/12/31			16,638.67	THURBER ENGINEERING INV 25124
			2011/12/31			25,963.03	THURBER ENGINEERING INV 25713
			2012/03/06			769.50	EXOVA CANADA INC.
			2012/03/06			86,373.65	URBAN SYSTEMS LTD.
			2012/03/14			1,426.85	EXOVA CANADA INC.
			2012/03/22			38,541.98	URBAN SYSTEMS LTD.
			2012/04/04			2,191.84	URBAN SYSTEMS LTD.

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Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount	Description
5C115	ASHMONT LOTTIE LAKE	2012/12/31				7,590.00	CANADIAN CONSULTING GROUP INV PM 00064
		2013/02/26				3,423.00	LINE CONSTRUCTION URBAN SYSTEMS LTD.
** Totals for Activity SURV						748,942.97	Count 50
TEST TESTING/ANALYSIS		2012/06/20				62.40	EXOVA CANADA INC.
** Totals for Activity TEST						62.40	Count 1
WAGE COUNTY WAGES FOR PROJECTS		2012/03/24	184.0000			5,843.88	PAYROLL POSTING BATCH #0015938 REGULAR - HOURLY
		2012/03/24				609.82	PAYROLL POSTING BATCH #0015938 REGULAR - HOURLY
		2012/03/24				787.66	PAYROLL POSTING BATCH #0015938 PUBLIC WORKS - LAPP
		2012/03/24				110.83	PAYROLL POSTING BATCH #0015938 PUBLIC WORKS - DENTAL
		2012/03/24				332.57	PAYROLL POSTING BATCH #0015938 PUBLIC WORKS - C.P.P.
		2012/03/24				178.28	PAYROLL POSTING BATCH #0015938 PUBLIC WORKS - U.I.C.
		2012/03/24				115.23	PAYROLL POSTING BATCH #0015938 PUBLIC WORKS - W.C.B.
		2012/03/24				133.70	PAYROLL POSTING BATCH #0015938 PUBLIC WORKS - BLUE CROSS
		2012/03/24				71.69	PAYROLL POSTING BATCH #0015938 PUBLIC WORKS - LIFE INSURANCE
		2012/03/24				152.31	PAYROLL POSTING BATCH #0015938 PUBLIC WORKS - LONG TERM DIS.
		2012/03/24				14.92	PAYROLL POSTING BATCH #0015938 PUBLIC WORKS - E.A.P.
		2012/04/07	30.0000			924.72	PAYROLL POSTING BATCH #0015967 REGULAR - HOURLY
		2012/04/07				97.05	PAYROLL POSTING BATCH #0015967 REGULAR - HOURLY
		2012/04/07				124.57	PAYROLL POSTING BATCH #0015967 PUBLIC WORKS - LAPP

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Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount	Description
5C115	ASHMONT LOTTIE LAKE	WAGE COUNTY WAGES FOR PROJECTS				52.35	PAYROLL POSTING BATCH #0015967 PUBLIC WORKS - C.P.P.
		2012/04/07				28.39	PAYROLL POSTING BATCH #0015967 PUBLIC WORKS - U.I.C.
		2012/04/07				18.18	PAYROLL POSTING BATCH #0015967 PUBLIC WORKS - W.C.B.
		2012/04/21	4.0000			118.68	PAYROLL POSTING BATCH #0015989 REGULAR - HOURLY
		2012/04/21				11.95	PAYROLL POSTING BATCH #0015989 REGULAR - HOURLY
		2012/04/21				15.13	PAYROLL POSTING BATCH #0015989 PUBLIC WORKS - LAPP
		2012/04/21				5.22	PAYROLL POSTING BATCH #0015989 PUBLIC WORKS - DENTAL
		2012/04/21				6.50	PAYROLL POSTING BATCH #0015989 PUBLIC WORKS - C.P.P.
		2012/04/21				3.50	PAYROLL POSTING BATCH #0015989 PUBLIC WORKS - U.I.C.
		2012/04/21				2.26	PAYROLL POSTING BATCH #0015989 PUBLIC WORKS - W.C.B.
		2012/04/21				4.48	PAYROLL POSTING BATCH #0015989 PUBLIC WORKS - BLUE CROSS
		2012/04/21				1.52	PAYROLL POSTING BATCH #0015989 PUBLIC WORKS - LIFE INSURANCE
		2012/04/21				4.21	PAYROLL POSTING BATCH #0015989 PUBLIC WORKS - LONG TERM DIS.
		2012/04/21				.32	PAYROLL POSTING BATCH #0015989 PUBLIC WORKS - E.A.P.
		2012/05/19	30.5000			822.38	PAYROLL POSTING BATCH #0016065 REGULAR - HOURLY
		2012/05/19				79.01	PAYROLL POSTING BATCH #0016065 REGULAR - HOURLY
		2012/05/19	20.5000			390.73	PAYROLL POSTING BATCH #0016065 PUBLIC WORKS - STEP
		2012/05/19				37.51	PAYROLL POSTING BATCH #0016065 PUBLIC WORKS - STEP
		2012/05/19				82.96	PAYROLL POSTING BATCH #0016065 PUBLIC WORKS - LAPP
		2012/05/19				61.98	PAYROLL POSTING BATCH #0016065 PUBLIC WORKS - C.P.P.
		2012/05/19				34.10	PAYROLL POSTING BATCH #0016065 PUBLIC WORKS - U.I.C.

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Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount	Description
5C115	ASHMONT LOTTIE LAKE	WAGE COUNTY WAGES FOR PROJECTS	2012/05/19			21.82	PAYROLL POSTING BATCH #0016065 PUBLIC WORKS - W.C.B.
			2012/06/30	5.0000		135.85	PAYROLL POSTING BATCH #0016179 REGULAR - HOURLY
			2012/06/30			13.12	PAYROLL POSTING BATCH #0016179 REGULAR - HOURLY
			2012/06/30	5.0000		95.30	PAYROLL POSTING BATCH #0016179 PUBLIC WORKS - STEP
			2012/06/30			9.70	PAYROLL POSTING BATCH #0016179 PUBLIC WORKS - STEP
			2012/06/30			16.36	PAYROLL POSTING BATCH #0016179 PUBLIC WORKS - LAPP
			2012/06/30			2.23	PAYROLL POSTING BATCH #0016179 PUBLIC WORKS - DENTAL
			2012/06/30			12.15	PAYROLL POSTING BATCH #0016179 PUBLIC WORKS - C.P.P.
			2012/06/30			6.68	PAYROLL POSTING BATCH #0016179 PUBLIC WORKS - U.I.C.
			2012/06/30			4.29	PAYROLL POSTING BATCH #0016179 PUBLIC WORKS - W.C.B.
			2012/06/30			2.10	PAYROLL POSTING BATCH #0016179 PUBLIC WORKS - BLUE CROSS
			2012/06/30			.96	PAYROLL POSTING BATCH #0016179 PUBLIC WORKS - LIFE INSURANCE
			2012/06/30			.37	PAYROLL POSTING BATCH #0016179 PUBLIC WORKS - E.A.P.
			2012/12/31			11,599.52	-WAGE FROM 5C115 TO 5C124 ASHMONT LOTTIE LAKE WFLG
		** Totals for Activity WAGE		279.0000			Count 49
		** Totals for Entity 5C115		480.5000		2,516,666.92	Count 179
5C116	ASHMONT PLANT - WFLG	CONT CONTRACTORS ON COUNTY PRO	2012/07/02			147.50	UPGRADE RENEGADE PLUMBING
			2012/07/11			560.00	ZELTEC SYSTEMS
			2012/10/15			1,455.00	RENEGADE PLUMBING

Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount	Description
	** Totals for Activity	CONT				2,162.50	Count 3
	OTHR OTHER - GENERAL	2012/09/11				391.00	CLEARTECH INDUSTRIES INC.
		2012/09/11				99.00	CLEARTECH INDUSTRIES INC.
		2012/09/11				1,347.67	CLEARTECH INDUSTRIES INC.
		2012/11/29				32,285.00	PUMP COMPONENT SMITH CAMERON PUMP SOLUTIONS
		2012/12/17				89.00	CLEARTECH INDUSTRIES INC.
		2013/02/26				160.44	PO ST. PAUL FOUNDRY LTD.
	** Totals for Activity	OTHR				34,372.11	Count 6
	SUP SUPPLIES/MATERIALS	2012/06/20				1,313.63	CLEARTECH INDUSTRIES INC.
		2012/09/18				497.60	HACH SALES & SERVICE CANADA LT
		2012/11/06				2,513.43	ALBERTA ASSOCIATION OF
		2012/11/13				119.34	PO 122705 ST. PAUL FOUNDRY LTD.
		2012/11/13				196.34	PO 122703 ST. PAUL FOUNDRY LTD.
		2012/11/13				112.80	PO 122703 ST. PAUL FOUNDRY LTD.
		2012/11/13				68.30	PO 122704 ST. PAUL FOUNDRY LTD.
		2012/11/13				57.41	PO 122704 ST. PAUL FOUNDRY LTD.
		2012/11/13				60.04	ST. PAUL FOUNDRY LTD.
		2012/11/13				38.11	PO 122707 ST. PAUL FOUNDRY LTD.
		2012/11/13				181.98	ST. PAUL FOUNDRY LTD.

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Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount Description
5C116	ASHMONT PLANT - WFLG	2012/11/13				31.82 ST. PAUL FOUNDRY LTD.
		2012/11/13				174.02 A. AMYOTTE & SON & WELDING LTD
		2012/11/19				73.70 ST. PAUL & DISTRICT CO-OP
		2012/12/17				12.39 ST. PAUL & DISTRICT CO-OP
		2013/04/02				66,740.00 MEMBRANES - PLANT DWG PROCESS SUPPLY LTD.
	** Totals for Activity SUP					72,190.91 Count 16
	SURV SURVEYING & ENGINEERING	2012/08/08				32,875.50 URBAN SYSTEMS LTD.
		2012/09/12				72,937.00 URBAN SYSTEMS LTD.
		2012/10/02				50,770.00 ASHMONT/LOTTIE LAKE WTP URBAN SYSTEMS LTD.
		2012/11/06				33,954.00 URBAN SYSTEMS LTD.
		2012/11/29				32,902.00 ASHMONT WTP URBAN SYSTEMS LTD.
		2012/12/31				26,170.00 ASHMONT PLANT URBAN SYSTEMS LTD.
		2012/12/31				22,716.00 PLANT UPGRADE URBAN SYSTEMS LTD.
		2013/02/26				46,305.00 ASHMONT WTP URBAN SYSTEMS LTD.
		2013/02/26				720.90 THURBER ENGINEERING LTD.
		2013/03/06				1,746.90 THURBER ENGINEERING LTD.
		2013/03/26				61,155.00 URBAN SYSTEMS LTD.
		2013/04/09				2,198.88 THURBER ENGINEERING LTD.
		2013/04/30				42,068.00 URBAN SYSTEMS LTD.
		2013/04/30				10,511.00 THURBER ENGINEERING LTD.

Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount Description
	** Totals for Activity	SURV				437,030.18 Count 14
	TEST TESTING/ANALYSIS	2012/07/02				63.77 PUROLATOR COURIER LTD.
		2012/07/02				129.70 PLANT UPGRADE CLEARTECH INDUSTRIES INC.
		2012/07/02				382.40 EXOVA CANADA INC.
		2012/07/02				79.80 EXOVA CANADA INC.
		2012/07/02				1,546.05 ASHMONT PLANT EXOVA CANADA INC.
		2012/07/10				10,716.00 WIGEN COMPANIES INC.
		2012/08/01				45.85 PUROLATOR COURIER LTD.
		2012/08/01				51.55 PUROLATOR COURIER LTD.
		2012/08/01				258.33 PUROLATOR COURIER LTD.
		2012/08/01				25.36 PUROLATOR COURIER LTD.
		2012/08/01				138.60 EXOVA CANADA INC.
		2012/08/01				382.40 EXOVA CANADA INC.
		2012/08/01				62.20 EXOVA CANADA INC.
		2012/08/01				1,640.25 EXOVA CANADA INC.
		2012/08/01				101.40 EXOVA CANADA INC.
		2012/08/14				477.00 MAXXAM CU CREDIT MASTERCARD
		2012/08/21				2,500.00 WIGEN COMPANIES INC.
		2012/09/18				544.60 EXOVA CANADA INC.
		2012/09/26				35.19 PUROLATOR COURIER LTD.

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Entity		Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount Description
5C116	ASHMONT PLANT - WFLG	TEST TESTING/ANALYSIS	2012/09/26				31.76 PUROLATOR COURIER LTD.
			2012/10/02				2,500.00 WIGEN COMPANIES INC.
			2012/10/15				71.20 EXOVA CANADA INC.
			2012/10/19				2,500.00 WIGEN COMPANIES INC.
			2012/11/13				231.19 PUROLATOR COURIER LTD.
			2012/11/13				2,785.15 EXOVA CANADA INC.
			2012/11/13				231.00 EXOVA CANADA INC.
			2012/11/29				30.09 EXOVA GREYHOUND COURIER EXPRESS
			2012/11/29				79.56 PUROLATOR COURIER LTD.
			2012/11/29				65.90 PUROLATOR COURIER LTD.
			2012/11/29				2,218.80 EXOVA CANADA INC.
			2012/11/29				133.00 EXOVA CANADA INC.
			2012/11/29				17.60 EXOVA CANADA INC.
			2012/11/29				62.40 EXOVA CANADA INC.
			2012/11/29				513.40 EXOVA CANADA INC.
			2012/11/29				133.00 EXOVA CANADA INC.
			2012/11/29				70.40 EXOVA CANADA INC.
			2012/12/03				85.83 PUROLATOR COURIER LTD.
			2012/12/11				2,309.20 EXOVA CANADA INC.
			2012/12/11				554.40 EXOVA CANADA INC.
			2012/12/11				133.00 EXOVA CANADA INC.

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Entity	Activity	Accounting Date	Control Units	Service Units	Encumbrance Amount	Amount Description
5C116	ASHMONT PLANT - WFLG	2012/12/31				74.82 PUROLATOR COURIER LTD.
		2012/12/31				27.44 PUROLATOR COURIER LTD.
		2012/12/31				21.49 EXOVA
		2012/12/31				GREYHOUND COURIER EXPRESS
		2012/12/31				71.20 EXOVA CANADA INC.
		2013/02/03				11,080.81 FINAL RENTAL
		2013/03/06				WIGEN COMPANIES INC.
		2013/03/06				869.00 EXOVA CANADA INC.
		2013/04/30				41.99 PUROLATOR COURIER LTD.
		2013/04/30				1,233.22 EXOVA CANADA INC.
** Totals for Activity TEST						47,357.30 Count 48
** Totals for Entity 5C116						593,113.00 Count 87
** Totals for The Report			480.5000			3,109,779.92 Count 266

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