

REPORT NO. 371 of the
ENVIRONMENT, TRANSPORTATION & PUBLIC SAFETY
STANDING COMMITTEE
of its meeting held March 23, 2016

Present: Councillor Chris Holt
Councillor Fred Francis
Councillor Bill Marra (Chair)
Councillor Hilary Payne
Councillor Paul Borrelli

That the following recommendations of the Environment, Transportation and Public Safety Standing Committee **BE APPROVED**:

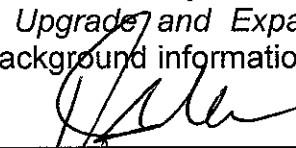
- Moved by Councillor Francis, seconded by Councillor Borrelli,
1. That the report on completion of the Lou Romano Water Reclamation Plant Upgrade and Expansion Project **BE RECEIVED** for information, and
 2. That City Council **APPROVE** the transfer of the remaining project surplus of \$8,987 as outlined in the Financial Matters section of the report, to the Lou Romano Water Reclamation Plant capital reserve.

Carried.

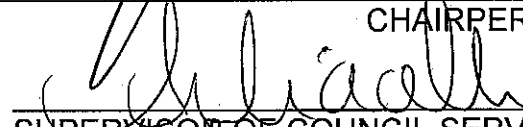
Councillor Marra was absent when the vote was taken on this matter.

S 75/2015 SWT/6598

Clerk's Note: The report of the City Engineer dated February 5, 2016 entitled "*Lou Romano Water Reclamation Plant Upgrade and Expansion Project - Completion Report*" is **attached** as background information.

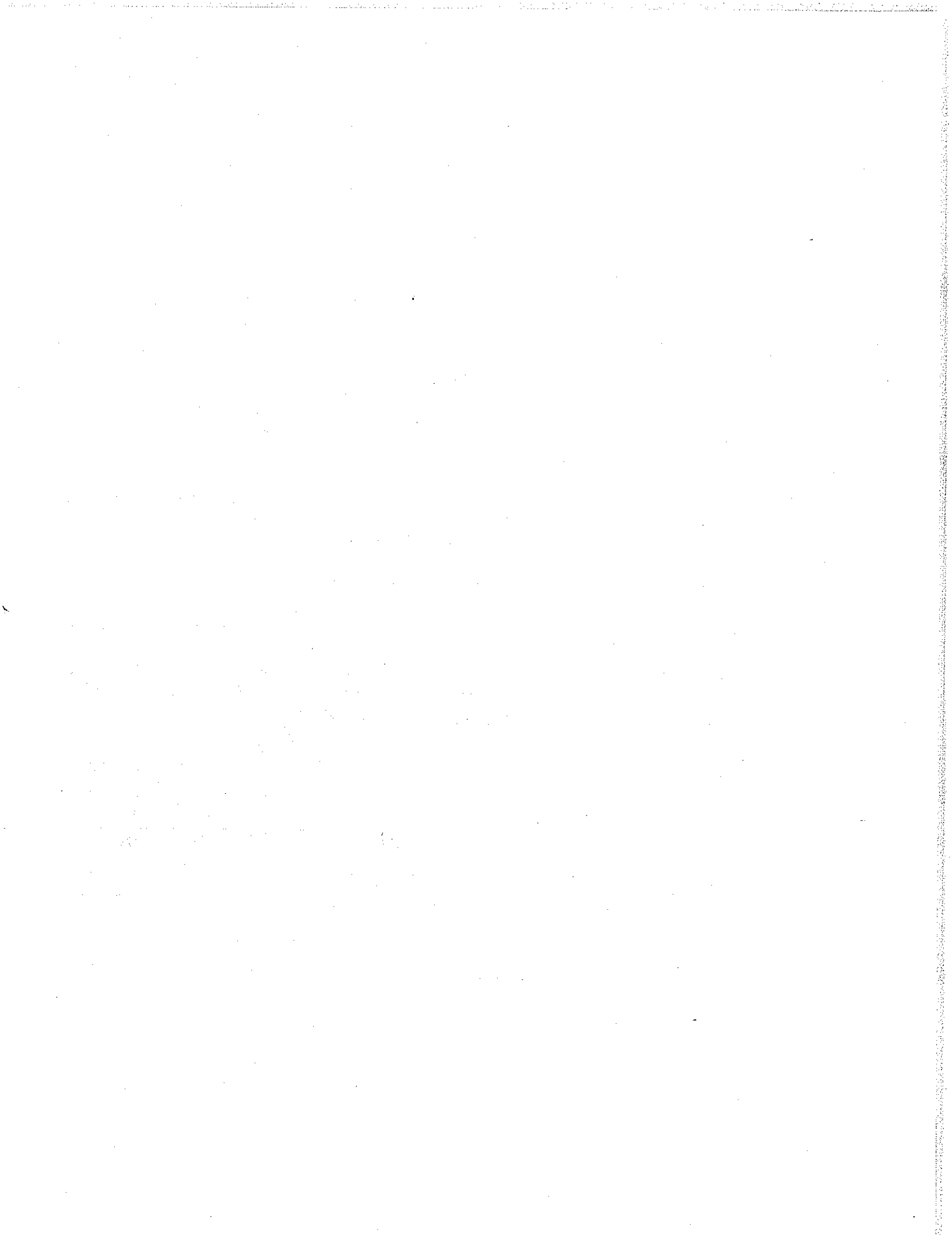


CHAIRPERSON



SUPERVISOR OF COUNCIL SERVICES

NOTIFICATION:	
NAME	CONTACT INFORMATION





Development, Projects & Right-of-Way

MISSION STATEMENT

"Our City is built on relationships – between citizens and their government, businesses and public institutions, city and region – all interconnected, mutually supportive, and focused on the brightest future we can create together"

REPORT #: S 75/2015	Report Date: 2/5/2016
Author's Contact: Andrew Dowie Project Administrator (519) 255-6100 ext. 6472 adowie@citywindsor.ca	Date to Council: March 23, 2016
	Clerk's File #: SWT/6598

To: Mayor and Members of City Council

**Subject: Lou Romano Water Reclamation Plant Upgrade and Expansion Project –
Completion Report - City-Wide**

RECOMMENDATION:

1. That the report on completion of the Lou Romano Water Reclamation Plant Upgrade and Expansion Project **BE RECEIVED** for information, and
2. That City Council **APPROVE** the transfer of the remaining project surplus of \$8,987 as outlined in the Financial Matters section of the report, to the Lou Romano Water Reclamation Plant capital reserve.

EXECUTIVE SUMMARY:

N/A

BACKGROUND:

The Lou Romano Water Reclamation Plant (LRWRP) began operations in 1970, treating wastewater collected from properties within the City of Windsor west of Pillette Road and from the Town of LaSalle. The plant supplies wastewater disposal in accordance with Ontario Ministry of the Environment and Climate Change regulations.

This expansion project of the LRWRP was first initiated by City Council in November 1999 through the commencement of an Environmental Assessment. Prior to this expansion, the LRWRP provided primary and chemical treatment of the wastewater

before ultimate discharge to the Detroit River. The project ultimately incorporated an additional secondary treatment process by way of a Biological Activated Filter for the removal of dissolved and insoluble materials that would otherwise pass through the primary treatment process, to further improve the quality of the water being discharged to the Detroit River.

On May 27, 2003, City Council retained Stantec Consulting Inc. (Stantec) to undertake engineering services for design and construction management of the expansion and upgrade of the Lou Romano Water Reclamation Plant. This expansion and upgrade confirmed a secondary biological treatment process together with reserve capacity for future development, from 35 million gallons per day to 48 million gallons per day. While several plant capacity upgrades were completed during the 1980s to allow for additional primary treatment, this project reflected the most aggressive attempt to improve water quality being released from the plant.

On April 2, 2004, City Council approved the use of multiple contract approach to construction proposed by Stantec to accelerate construction timetables and to reduce overall costs.

On March 29, 2005, City Council constituted the Steering Committee for the LRWRP Upgrade and Expansion which comprised four members of City Council and was ultimately reduced to three members of Council. The then-Corporate Projects Division was assigned to administer the project and worked closely with staff of the LRWRP toward achieving project objectives.

Nine construction contracts in total were ultimately completed for the project, with Stantec contracted as the consulting engineer of record for overall design and field supervision. Council awarded the first contract for plant expansion in 2004, with the final contract awarded in 2010 and completed in 2011. The relevant Council Resolutions are appended to this report for information.

A Grand Opening event and Open House was hosted at the Lou Romano Water Reclamation Plant on June 20, 2015. The event included a ceremony held to advertise completion of the project and to welcome members of the public for a tour of the facility.

The project was completed with a surplus of \$153,987.

The Town of LaSalle has paid in full their contribution of \$27,679,629 to the City of Windsor.

Substantial completion of the contracted works has now been achieved. As last reported to the Project Steering Committee on March 3, 2011, remnant items relevant to the plant expansion, but relatively minor in the context of the overall project, were identified for possible completion with surplus funds. However, as detailed in the Financial Matters section of this report, project surplus funds have been transferred as

authorized by resolution B24-2015. As part of this resolution, \$145,000 of the \$153,987 project surplus was transferred to the pay-as-you-go reserve to balance the 2016 Capital Budget.

DISCUSSION:

The Steering Committee supplied overall project direction, while the General Manager of Public Works and subsequently the City Engineer supplied project sponsorship. The Development, Projects and Right-of-Way Division administered the project and worked closely with Pollution Control Division staff to achieve project objectives.

The final budget approved by Council for the project was \$111,500,000. The final maintenance/warranty period has now expired, and all project deficiencies have been completed. Substantial completion for the final contract was achieved on May 6, 2011. The overall final costs, as well as a summary of project results are included in the attached Schedule A – Project Closeout Evaluation.

All budget changes were subject to confirmation by the project Steering Committee and generally resulted from new or emerging information that had been gained throughout the project.

The nine contracts were awarded as follows:

Phase	Work	Year Tendered	Contractor	Contract Value
1	Site Preparation Works	2004	D Amore Construction	\$5,083,224
2	Secondary Treatment, Primary Effluent Pumping and Generator Facilities	2004	EllisDon Ondeo Degremont Ltd. U.S. Filter Inc. Spaans Babcock Inc. Toromont Power Systems	\$55,007,431
3	Primary Settling Tanks & Sludge Pump Houses	2005	McKay Cocker Construction	\$11,614,631
4	UV Disinfection Facility	2005	EllisDon Trojan Technologies	\$9,415,175

5A	Site Works	2007	Smith Contracting	\$2,186,592
5B	Administration Building & Process Improvements	2010	Oscar Construction	\$6,618,696
6	Coarse Bar Screens & Dewatering Equipment	2006-2007	Southern - Ronson Andritz-Ruthner Inc. U.S. Filter Inc.	\$7,531,355
7	Supervisory Control and Data Acquisition (SCADA) & Security Systems	2005	Electrical & Systems Advanced Control Inc.	\$1,664,962
	Engineering	2004-2010	Stantec Consulting	\$9,415,203
Total				\$108,537,268

Additional costs totaling \$2,980,495 were also incurred relative to internal administration, contingencies and financing charges.

Ongoing maintenance of the plant is administered by the Pollution Control Division.

While much of the project was completed in 2011, this project closeout was delayed as contract deficiencies were addressed and ongoing operations were monitored in light of challenges encountered with respect to the new secondary treatment process.

With several years of operation having now passed since the completion of the above-noted contracts, several minor items were provisional to the overall work and were outside of the scope of the previous contracts. Completing these items modernizes the facilities and corrects known issues. These were generally intended to be implemented on a priority basis in the event of a project surplus.

Remaining projects include the Supply of Gate Actuators for FCS Gates (\$50,000), Reworking of Men's and Women's Shower Floor Drainage (\$33,000), Interior cleaning and waste disposal for two Lime Storage Tanks (\$22,500), Lead Paint Removal from exterior of Lime Storage Tank walls (\$9,500), Exterior Brick Cleaning (\$3,500), Mobile Smart Board for Training and Meeting facilitation (\$11,000), and New Doors and Frames for Three Offices in Administration Building (\$8,500).

With the available project surplus now being dedicated to other projects, these items will now be prioritized against other projects through the Lou Romano Water Reclamation Plant Capital Reserve. \$145,000 of the original \$153,987 project surplus was redirected for use on other 2016 capital projects deemed to be priorities. It is proposed that the

remaining project surplus balance be transferred to the Lou Romano Water Reclamation Plant Capital Reserve in order to be put towards funding of the noted projects in future years.

RISK ANALYSIS:

Associated risks to the Corporation resulting from the undertaking of the recommended works include risks typical of construction projects, such as bodily injury, property damage, and matters arising from violations of the Occupational Health and Safety Act. During the construction phase, these risks are to be transferred to the successful proponent, through the contract that the City and the successful bidder enter into. As part of the contract with the successful bidder, there will be sufficient insurances in place to cover the Corporation for the potential damage and claims that might arise from their work during or after construction in the maintenance period.

FINANCIAL MATTERS:

The following summarizes the funding sources for the project:

CONTRIBUTIONS

Government of Ontario	\$19,000,000
Government of Canada	\$9,000,000
Town of LaSalle	\$27,679,629
City of Windsor	\$55,992,121
TOTAL CONTRIBUTIONS	\$111,671,750
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TOTAL EXPENDITURES	\$111,517,763
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BALANCE (Surplus)	\$153,987

The detailed breakdown of expenditures is included in Schedule B – Budget Vs Actual. The project overall has been completed with a surplus of \$153,987.

Budget Resolution B24-2015 of December 21, 2015, transferred \$145,000 of the \$153,987 project surplus to the pay-as-you-go reserve. This recommendation was brought to Council with the support of the Corporate Leadership Team to ensure priority projects in the 2016 capital budget, with no alternate funding source, would be able to be completed. The remaining funds of \$8,987 are proposed to be transferred to the Lou Romano Water Reclamation Plant Capital Reserve.

It is also worth noting that the final net project costs to the City of Windsor were approximately \$2.5 million below the budgeted amount.

CONSULTATIONS:

Deputy Treasurer, Financial Planning – Tony Ardovini
Senior Manager of Pollution Control – Chris Manzon
Financial Planning Administrator - Michael Dennis
Manager of Capital Budget and Reserves – Victor Ferranti

CONCLUSION:

The Lou Romano Water Reclamation Plant expansion has now been in full operation for approximately 4 years. Plant procedures have been updated to reflect the Corporation's dedication to environmental quality and sustainability through state of the art wastewater treatment methods. The project was completed innovatively using a multi-phase contracting method that delivered cost savings to the project and a reduced timeframe for completion. The facility was also constructed in a manner that minimizes future maintenance costs. The capacity and treatment method improvements have modernized the Plant to a level able to supply projected wastewater treatment needs for at least a twenty year timeframe.

The project was completed within the specified timeframe and with an overall budget surplus of \$153,987, of which \$145,000 has been transferred to other Pay-As-You-Go projects in 2016.

PLANNING ACT MATTERS:

N/A

APPROVALS:

Name	Title
France Isabelle Tunks	Senior Manager of Development Projects Deputy City Engineer
Michael Dennis	Financial Planning Administrator

Name	Title
Onorio Colucci	City Treasurer
Mark Winterton	City Engineer
Helga Reidel	Chief Administrative Officer

NOTIFICATIONS:

Name	Address	Email
n/a		

APPENDICES:

1. Project Closeout Evaluation
2. Budget vs Actual
3. Record of Council Resolutions

SCHEDULE A

PROJECT CLOSEOUT EVALUATION

PROJECT NAME:	Lou Romano Water Reclamation Plant Upgrade and Expansion Project			
PROJECT ADMINISTRATOR:	Antonio Bietola, P.Eng. Camila Duarte, P.Eng. Joe Baker, P.Eng. .			
DATE:	2003 to 2011			
BUDGET VS. ACTUAL (by contract and overall)	Budget	Actuals	Surplus	
	Construction Cost Component	\$108,771,881	\$108,537,268	\$234,613
	Revenue	\$111,500,000	\$111,671,750	\$171,750
	Overall Expenses	\$111,500,000	\$111,517,763	(\$17,763)
	Overall			\$153,987
	<p>The project was completed with an overall surplus of \$153,987. Variance is generally due to lower than projected contract costs of \$234,613, offset by higher financing charges. Details of BUDGET vs. ACTUAL are shown in Schedule B.</p>			
DEADLINES / SCHEDULE (by contract and overall)	<p><u>Contract Completion</u></p> <p>Contract # 1 D'Amore Construction</p> <p style="padding-left: 20px;"><u>PROPOSED SCHEDULE:</u> October 27, 2004</p> <p style="padding-left: 20px;"><u>ACTUAL SCHEDULE:</u> November 10, 2004 (substantial completion)</p> <p>Contract # 2 EllisDon / Contract # 2A Degremont*</p> <p style="padding-left: 20px;"><u>PROPOSED SCHEDULE:</u> January 31, 2007</p> <p style="padding-left: 20px;"><u>ACTUAL SCHEDULE**:</u> November 30, 2007 / November 6, 2009 (substantial completion)</p> <p>Contract # 3 McKay Cocker</p> <p style="padding-left: 20px;"><u>PROPOSED SCHEDULE:</u> December 20, 2006</p> <p style="padding-left: 20px;"><u>ACTUAL SCHEDULE:</u> January 31, 2007 (substantial completion)</p>			

Contract # 4 EllisDon

PROPOSED SCHEDULE: February 1, 2007

ACTUAL SCHEDULE:** November 30, 2007 / May 22, 2009
(substantial completion)

Contract # 5A Smith Contracting

PROPOSED SCHEDULE: January 7, 2008

ACTUAL SCHEDULE: October 16, 2008 (substantial completion)

Contract # 5B Oscar Construction

PROPOSED SCHEDULE: March 10, 2011

ACTUAL SCHEDULE: April 29, 2011 (substantial completion)

Contract # 6 Southern-Rorison

PROPOSED SCHEDULE: September 19, 2008

ACTUAL SCHEDULE: May 21, 2009 (substantial completion)

Contract # 7 Electrical & Systems Advanced Control Inc.

PROPOSED SCHEDULE: March 26, 2007

ACTUAL SCHEDULE:** April 22, 2008/ July 25, 2012 (substantial completion)

Overall Completion

PROPOSED SCHEDULE: March 31, 2006 completion

ACTUAL SCHEDULE: April 29, 2011 (substantial completion)

The project did not generally meet the initially predicted construction schedule. While a three year completion period had been initially contemplated, final completion was achieved in eight years.

The delays encountered were largely related to deployment of the new Biological Activated Filter technology. Many of the key issues were communicated to Council at its meeting of April 20, 2009. The performance of this technology required further technical study. The technology and processes in use were refined and replacement of certain equipment was required.

Council's initial decision to segregate the contracts was proven to be advantageous as delays could have further encompassed all phases should a

	<p>single contract have been awarded. Most of the affected work was part of Contract #2 as noted in the Project Challenges section.</p> <p><i>* Per legal agreement between all parties, Degremont contract was segregated from overall contract with EllisDon after award.</i></p> <p><i>** Where delays of previous phases affected the ability of the contractor to complete prescribed work, an initial certificate of substantial completion was issued for those works within the contractors' control.</i></p>
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<p>PROJECT SUCCESSES</p>	<p>The investment resulted in significant innovation at the LRWRP, becoming the largest biological aerated filter (BAF) wastewater treatment facility in North America at the time of commissioning.</p> <p>The plant received a major increase in treatment capacity from 164 Million litres per day to 273 million litres per day and secondary biological treatment with a capacity of 218 million litres per day.</p> <p>The plant expansion provides for significantly cleaner water being disposed of in the Detroit River, further protecting the water quality of the Detroit River and in downstream communities.</p> <p>The project was completed to within 4.5% of its original budget.</p> <p>The project deliverables have dramatically improved working conditions for employees and have offered improved safety and security initiatives.</p> <p>The project has been completed with a budget surplus of \$153,987.</p>
<p>PROJECT CHALLENGES</p>	<p>Process-related issues were noted with respect to the Biolite (active media) loss and subsequent statement of claim against the City by a subcontractor. The technology used was relatively new and further refinement was required in order to determine an optimal outcome for both the technology and for plant operations.</p> <p>The Biological Activated Filter process is at the heart of the plant's process improvements, with resulting delays affecting completion of other phases of the project that were more independent in nature.</p> <p>The project scope was generally set from the Environmental Assessment completed during calendar year 2000. While change orders were commissioned during each of the projects, ancillary works remained segregated and form part of the administrative report for use of the Project Surplus.</p> <p>The duration of the project resulted in the transfer of the file between three Project Administrators throughout construction.</p>

INNOVATIONS	<p>The project included:</p> <ul style="list-style-type: none">➤ Improvements to the overall site and to existing buildings➤ Addition of Biological Aerated Filter (BAF) Equipment as a secondary treatment method for wastewater➤ Upgrade to Primary Clarifiers➤ Upgrade to Screw Pumps➤ New Diesel Generators➤ Addition of Ultraviolet Light Equipment as additional secondary treatment method for wastewater➤ Reconstruction of Primary Settling Tanks & Sludge Pump Houses➤ Administration Building & Process Improvements➤ Coarse Bar Screens & Dewatering Equipment➤ Installation of Supervisory Control and Data Acquisition (SCADA) & Security Systems➤ Security Card access for staff➤ Reconstruction of staff lunchroom➤ Reconstruction of staff washrooms with shower facilities➤ Gate Security system with 3 cameras
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CONFIDENTIAL

THE CORPORATION OF THE CITY OF WINDSOR
LRWRP PROJECT 7014532

Financial Update

as at December 31, 2015

BUDGET ITEM	Budget	Actual Expenditures	Variance SURPLUS / (DEFICIT)
REVENUE			
Funding from LaSalle1	\$ 25,000,000	\$ 27,679,629	2,679,629
Federal Funding3	9,000,000	\$ 9,000,000	-
Provincial Funding3	19,000,000	\$ 19,000,000	-
OIPC-Long Term Debentures	42,000,000	\$ 39,475,347	(2,524,653)
City of Windsor Contributions (Sewer Surcharge/ Dev Changes, etc.)	15,000,000	\$ 15,016,774	16,774
Transfer from Capital Projects (7031029)	1,500,000	\$ 1,500,000	-
Grand Total Revenue	\$ 111,500,000	\$ 111,671,750	\$ 171,750
EXPENSES			
Base Contracts			
Contract # 1 Damore Construction	\$ 5,083,000	\$ 5,083,224	\$ (224)
Contract # 2 EllisDon	55,180,000	\$ 51,580,935	3,599,065
Contract # 2A Degremont	-	\$ 3,426,496	(3,426,496)
Contract # 3 McKay Cocker	11,615,000	\$ 11,614,631	369
Contract # 4 EllisDon	9,424,000	\$ 9,415,175	8,825
Contract # 5A Smith Contracting	2,176,000	\$ 2,186,592	(10,592)
Contract # 5B Oscar Construction	6,585,000	\$ 6,618,696	\$ (33,696)
Contract # 6 Southern-Rorison	7,613,481	\$ 7,531,355	82,126
Contract # 7 ESAC	1,684,000	\$ 1,664,962	19,038
Design and Field Supervision - Stantec	9,138,400	\$ 9,144,065	(5665)
Design and Field Supervision - Stantec - Contract 5B	273,000	\$ 271,138	1,862
Sub-total Base Contracts	\$ 108,771,881	\$ 108,537,268	\$ 234,613
Other/Miscellaneous			
Project Administration	\$ 396,000	\$ 392,411	\$ 3,589
Overall Project Contingency	599,119	\$ 480,959	118,160
Finance Charges	1,733,000	\$ 1,882,756	(149,756)
Transfer to close 7121028	-	\$ 224,370	(224,370)
Transfer to Reserves(per B24-2015) *	-	\$ 145,000	(145,000)
Sub-total Other/Miscellaneous	\$ 2,728,119	\$ 3,125,495	\$ (397,376)
GRAND TOTAL EXPENSES	\$ 111,500,000	\$ 111,662,763	\$ (162,763)
(DEFICIT)/SURPLUS	\$ -	\$ 8,987	\$ 8,987

* To fund priority projects identified in approved 2016 capital budget.

RECORD OF COUNCIL RESOLUTIONS

Contract or Phase	Resolution
<p>Engineering Services</p>	<p>CR81/2003</p> <p>That City Council endorse the proposed Capital Management Process for the expansion and upgrade of the Lou Romano Water Reclamation Plant (LRWRP), and further,</p> <p>That City Council authorize the administration to issue a proposal call for engineering services for the design and construction management of the expansion and upgrade of the Lou Romano Water Reclamation Plant (LRWRP);</p> <p>and further, that the Mayor and the City Clerk BE AUTHORIZED to execute the SuperBuild Funding Agreement in form and content satisfactory to the Acting Commissioner of Legal and Human Resources.</p> <p>CR407/2003</p> <p>That the Mayor and General Manager of Corporate Services and City Clerk BE AUTHORIZED to sign an agreement with Stantec Consulting Inc. in a form satisfactory to the City Solicitor for engineering services for the design and construction management of the expansion and upgrade of the Lou Romano Water Reclamation Plant, at a cost not to exceed \$7,441,600 excluding taxes & CPI rate adjustments, all in accordance with City of Windsor Request for Proposals, Proposal No. 30-03, dated March 20th, 2003.</p> <p>That the proposal by Stantec Consulting to use a "Multiple Contract" approach, BE INVESTIGATED further and that the administration report back to City Council following the preliminary design phase with a recommendation regarding that approach.</p> <p>CR332/2004</p> <p>THAT APPROVAL BE GIVEN for administration to proceed with the Lou Romano Water Reclamation Upgrade and Expansion Project using the Multiple Contract approach and</p> <p>THAT the Mayor and General Manager of Corporate Services and the City Clerk BE AUTHORIZED to sign an amending agreement with Stantec Consulting Inc., satisfactory in form and content to the City Solicitor, the City Treasurer, and the City Engineer to include additional engineering services, at a total cost not to exceed \$802,000 excluding taxes & CPI rate adjustments.</p> <p>CR494/2006</p> <p>That this Report on the Status of The Lou Romano Water Reclamation Plant Upgrade/Expansion Project and Other LRWRP General Improvements Capital Accounts from the Manager of Corporate Projects and the</p>

Executive Director of Environmental Services and Deputy City Engineer BE RECEIVED; and further,

That the Chief Administrative Officer and the City Clerk BE AUTHORIZED to sign an amending agreement with Stantec Consulting Ltd., satisfactory in form to the City Solicitor, in financial content to the City Treasurer, and in technical content to the General Manager of Public Works, to include additional engineering services, at a total cost not to exceed \$504,622 (\$471,830 plus CPI rate adjustments of \$32,792) excluding taxes, resulting in an amended agreement total that is not to exceed \$9,049,135, including CPI rate adjustments and excluding taxes, to project completion; and further,

That \$1.5 million of the funds budgeted in capital account # 7004532 - LRWRP General Improvements BE RETURNED to the Sewer Surcharge fund.

CR139/2009

- I. That the Project Update Report, attached as Schedule A, and previously submitted to the Steering Committee for the Lou Romano Water Reclamation Plant Expansion Project BE RECEIVED for information; and further,
- II. That the Chief Administrative Officer and the City Clerk BE AUTHORIZED to sign an amending agreement with Stantec Consulting Ltd. for additional engineering services at a total cost not to exceed \$1,487,422 (including CPI rate adjustments), plus GST, satisfactory in form to the City Solicitor, in financial content to the City Treasurer, and in technical content to the City Engineer.

CR67/2010

[...]That the Chief Administrative Officer and the City Clerk BE AUTHORIZED to sign an amending agreement with Stantec Consulting Ltd. for additional engineering services at a total cost not to exceed \$273,000 which includes \$17,500 for Site Services related to the provisional items (all including CPI rate adjustments), plus GST, satisfactory in form to the City Solicitor, in financial content to the City Treasurer, and in technical content to the City Engineer.

**Contract 1: Site
Preparation Works**

CR430/2004

That the following low tender BE ACCEPTED:

TENDERER:

D'Amore Construction Ltd.
2501 Ouellette Ave.
Windsor, Ontario N8X 1L5

TENDER NO.: 44-04

TOTAL TENDER PRICE: \$5,946,118.40 (incl. G.S.T.)

ACCOUNT CHARGED:007-5410-1790 02942 7031029

and further that the Mayor and General Manager of Corporate Services

and City Clerk BE AUTHORIZED to sign a contract with the low tenderer, satisfactory in form and content to the City Solicitor and on the condition that work cannot commence until Ministry of Environment (MOE) approval has been received, and no later than the end of the tender validity period.

**Contract #2:
Secondary Treatment,
Primary Effluent
Pumping and
Generator Facilities**

CR561/2004

That the following low tenders for the selected equipment for the Lou Romano Water Reclamation Plant Upgrade and Expansion Project BE ACCEPTED:

TENDER NO. 91-03

TENDERER

Ondeo Degremont Ltd.
1375 Transcanada Highway
Suite 400
Dorval, Quebec H9P 2W8

TENDER DESCRIPTION

Biological Aerated Filter (BAF) Equipment

TOTAL TENDER PRICE (Incl. G.S.T.)

\$12,163,000.00

TENDER NO. 19-04

TENDERER

U.S. Filter
301 West Military Road
Rothschild, Wisconsin USA 54474

TENDER DESCRIPTION

Primary Clarifier Equipment

TOTAL TENDER PRICE (Incl. G.S.T.)

\$1,399,580.00

TENDER NO. 22-04

TENDERER

Spaans Babcock Incorporated
588 Edward Avenue, Unit 43
Richmond Hill, ON L4C 9Y6

TENDER DESCRIPTION

Screw Pump Equipment

TOTAL TENDER PRICE (Incl. G.S.T.)

\$918,400.00

TENDER NO. 45-04

TENDERER

Toromont Power Systems
3131 Highway 7 West,
PO Box 5511
Concord, ON L4K 1B7

TENDER DESCRIPTION

Diesel Generator Sets

TOTAL TENDER PRICE (Incl. G.S.T.)

\$1,126,572.00

and further that the Mayor and City Clerk BE AUTHORIZED to sign an agreement with each of the low tenderers, satisfactory in form and content to the City Solicitor, the City Engineer and the City Treasurer.[...]

M13-2005

[...]That the following low tender BE ACCEPTED:

TENDERER:

Ellis-Don Construction
1995 Lens Avenue
Windsor, Ontario N8W 1L9

TENDER NO.: 86-04

WORK:

Secondary treatment, pumping and power supply contract for the expansion and upgrade of the Lou Romano Water Reclamation Plant

TOTAL TENDER PRICE:

\$59,150,000.00 (including G.S.T.)

ACCOUNT CHARGED:

007-5410-1790-02942-7014532

Subject to agreement by Ellis-Don of the following, to be included in a contract with Ellis-Don:

Ellis-Don Construction will fulfill all of the following requirements at no additional cost to the original tender price:

- Be the Constructor and fulfill all duties as defined under the Occupational Health and Safety Act and Regulations for this Contract and any subsequent Contracts that may be awarded to Ellis-Don Construction.
- If subsequent contracts are awarded to Contractors other than Ellis-Don Construction, Ellis-Don Construction, under this contract, will administer Constructor Health and Safety requirements on behalf of the City in accordance with the Act and Regulations and fulfill the requirements set out in the Special Provisions of Contract issued in Addendum No. 4 for Contract No. 86-04 as applicable based on the understanding that the City will be the Constructor.
- Ellis-Don Construction will provide a copy of their Health and Safety Policy and Procedures for incorporation in specifications for subsequent contracts.
- and further, that the Chief Administrative Officer and City Clerk BE AUTHORIZED to sign a contract with the low tenderer, satisfactory in form to the City Solicitor, in technical content to the City Engineer and in financial content to the City Treasurer.

CR103/2005

That the contract with EllisDon Corporation, being Tender No. 86-04, for the secondary treatment, pumping and power supply for the expansion and upgrade of the Lou Romano Water Reclamation Plant BE AMENDED to

	<p>provide that the general contractor only has to provide 50% of the bonding requirements for the said work.</p>
<p>Contract #3: Primary Settling Tanks & Sludge Pump Houses</p>	<p>CR308/2005 That the following low tender BE ACCEPTED:</p> <p>TENDERER: McKay Cocker Construction 1655 Oxford St. E., P.O. Box 7345 London, ON N5Y 5R9 TENDER NO.: 28-05 TOTAL TENDER PRICE: \$11,845,000.00 (plus G.S.T.) ACCOUNT CHARGED: 007-5410-1790-02942-7014532</p> <p>and further that the Chief Administrative Officer and City Clerk BE AUTHORIZED to sign a contract with the low tenderer, satisfactory in form to the City Solicitor, in financial content to the City Treasurer and in technical content [to the City Engineer].</p>
<p>Contract #4 - UV Disinfection Facility</p>	<p>CR561/2004 [...] That the following low tender submitted for the UV Disinfection Equipment Tender BE ACCEPTED ON CONDITION that Trojan Technologies Alternative Bid No. 2 at a cost of \$3,120,120 may be substituted at the option of the City following the issuance of the Certificate of Approval by the Ministry of the Environment:</p> <p>TENDER NO. 21-04 TENDERER Trojan Technologies 3020 Gore Road London, ON N5V 4T7 TENDER DESCRIPTION UV Disinfection Equipment TOTAL TENDER PRICE (Incl. G.S.T.) \$4,327,679.00 ACCOUNT TO BE CHARGED: 007-5410-1790 02942 7031029</p> <p>CR309/2005 That the following low tender BE ACCEPTED:</p> <p>TENDERER: Ellis-Don Construction 2045 Oxford St. E. P.O. Box 5093 London, ON N5V 2Z7 TENDER NO.: 47-05 TOTAL TENDER PRICE: \$10,467,290.00 (plus G.S.T.) ACCOUNT CHARGED: 007-5410-1790 02942 7014532</p> <p>and further that the Chief Administrative Officer and City Clerk BE AUTHORIZED to sign a contract with the low tenderer, satisfactory in form to the City Solicitor, in financial content to the City Treasurer and in technical</p>

	content to the City Engineer.
Contract #5A - Site Works	CR317/2007 That the following low tender for Contract No. 5A-Site Works under the Lou Romano Water Reclamation Plant Expansion and Upgrade BE ACCEPTED: TENDERER: Smith Contracting 5255 County Rd. 42, RR#2 Tecumseh, ON N8N 2M1 TENDER NO.: 37-07 TOTAL TENDER PRICE: \$2,185,000.00 (plus G.S.T.) ACCOUNT CHARGED: 007-5410-1790-02942-7014532 and further that the Chief Administrative Officer and City Clerk BE AUTHORIZED to sign a contract with the low tenderer, satisfactory in form to the City Solicitor, in financial content to the City Treasurer and in technical content to the City Engineer.
Contract #5B - Administration Building & Process Improvements	CR67/2010 That the Lou Romano Water Reclamation Plant Expansion Project Steering Committee Report on the Award of Tender 106-09, attached as Schedule A, BE RECEIVED for information, and That the following low tender for the Administration Building Modifications and Process Improvements (Tender 106-09) under the Lou Romano Water Reclamation Plant Expansion and Upgrade Project BE ACCEPTED: TENDERER: Oscar Construction Company Ltd. 2025 Blackacre Dr., PO Box 21 Windsor, ON NOR 1L0 TENDER NO.: 106-09 BASE TENDER: \$ 5,727,704.56 (plus G.S.T.) PROVISIONAL ITEMS: \$856,967.33 (plus G.S.T.) TOTAL TENDER PRICE: \$6,584,671.89 (plus G.S.T.) ACCOUNT CHARGED: 007-5410-1790-02942-7014532 and further that the Chief Administrative Officer and City Clerk BE AUTHORIZED to sign a contract with the low tenderer, satisfactory in form to the City Solicitor, in financial content to the City Treasurer and in technical content to the City Engineer. [...]
Contract #6 - Coarse Bar Screens & Dewatering Equipment	CR132/2006 That the following low tenders for equipment, coarse bar screens and centrifuges, to be included in the general contract for Contract #6, Coarse Bar Screens & Centrifuge Dewatering, under the Lou Romano Water Reclamation Plant Expansion and Upgrade BE ACCEPTED: i) TENDERER: Andritz-Ruthner Inc. 1010 Commercial Blvd. S. Arlington, TX 76001 USA TENDER NO.: 143-05

	<p>TOTAL TENDER PRICE: \$1,430,142.30 (incl. G.S.T.) (CDN Funds)</p> <p>ii) TENDERER: USFilter 100 Highpoint Drive, Suite 101 Chalfont, PA 18914 USA</p> <p>TENDER NO.: 144-05 TOTAL TENDER PRICE: \$690,756.00 (incl. G.S.T.) (CDN Funds) ACCOUNT CHARGED: 007-5410-1790-02942-7014532</p> <p>and further, that the Chief Administrative Officer and the City Clerk, BE AUTHORIZED to sign contracts to the low bidders, satisfactory in form to the City Solicitor, in financial content to the Acting City Treasurer, and in technical content to the Executive Director Environmental Services and Deputy City Engineer.</p> <p>CR92/2007</p> <p>That the following low tender for Contract #6 (Course Bar Screens & Centrifuges) under the Lou Romano Water Reclamation Plant Expansion and Upgrade BE ACCEPTED:</p> <p>TENDERER: Southern Mechanical-Rorison Electric (Joint Venture) 3194 Devon Drive Windsor, ON N8X 4L2</p> <p>TENDER NO.: 114-06 TOTAL TENDER PRICE: \$7,613,480.95 (plus G.S.T.) ACCOUNT CHARGED: 007-5410-1790-02942-7014532</p> <p>and further that the Chief Administrative Officer and City Clerk BE AUTHORIZED to sign a contract with the low tenderer, satisfactory in form to the City Solicitor, in financial content to the City Treasurer and in technical content to the General Manager Public Works.</p>
<p>Contract #7 - Supervisory Control and Data Acquisition (SCADA) & Security Systems</p>	<p>CR681/2005</p> <p>That the following low tender for Contract #7 (SCADA) under the Lou Romano Water Reclamation Plant Expansion and Upgrade BE ACCEPTED:</p> <p>TENDERER: Electrical & Systems Advanced Control Inc. (ESAC) 151 Meg Drive P.O. Box 5093 London, ON N6E 3Z7</p> <p>TENDER NO.: 01-05 TOTAL TENDER PRICE: \$1,684,495.00 (plus G.S.T.) ACCOUNT CHARGED: 007-5410-1790 02942 7014532</p> <p>and further that the Chief Administrative Officer and City Clerk BE AUTHORIZED to sign a contract with the low tenderer, satisfactory in form to the City Solicitor, in financial content to the City Treasurer and in technical content to the City Engineer.</p>

