The Corporation of the Town of Ajax

GENERAL GOVERNMENT COMMITTEE

Thursday, April 4, 2013
In-Camera at 1:00 p.m.
Open Meeting at 2:00 p.m.
River Plate Room, Town Hall
65 Harwood Avenue South

Confirmed by: _____

AGENDA

Anything in **blue** denotes an attachment/link. By clicking the links on the agenda page, you can jump directly to that section of the agenda. To manoeuver back to the agenda page use the **Ctrl + Home** keys simultaneously. **OR** use the "*Bookmark"* icon to the left of your screen to navigate from one report to the next

J. Dies , Chair
P. Brown, Vice Chair

Open Meeting

1. Call To Order

2. Disclosure of Pecuniary Interest

3. Adoption of In-Camera Minutes – March 21, 2013 (circulated separately)
- *Any discussion will be held in the In-Camera Session*

In-Camera

4. Authority to Hold a Closed Meeting and Related In-Camera Session
- *A matter of advice subject to solicitor-client privilege, including communications necessary for that purpose [Sec. 239 (2)(f), Municipal Act, 2001, as amended]*
- *A personal matter about an identifiable individual, including municipal or local board employees; [Sec. 239 (2)(b), Municipal Act, 2001, as amended]*

4.1 **Confidential Legal Matter**

4.2 **Confidential Legal Personnel Matter**

4.3 **Confidential Legal Matter**

5. Consent Agenda – *Considered to be routine, these items may be approved by one motion. Items may be separated and referred to the Discussion Agenda*

5.1 **Development Charge Reserve Fund – Treasurer's Annual Statement**, R. Ford, Director of Finance/Treasurer / D. Valentim, Senior Financial Analyst.....3

6. Presentations / Discussion

None

7. Departmental Updates

8. Adjournment

TOWN OF AJAX
REPORT

REPORT TO:	General Government Committee
SUBMITTED BY:	Rob Ford, CMA, AMCT Director of Finance/Treasurer
PREPARED BY:	Dianne Valentim, B.Comm, CGA Senior Financial Analyst
SUBJECT:	Development Charge Reserve Fund – Treasurer's Annual Statement
WARD(S):	All
DATE OF MEETING:	April 4, 2013

RECOMMENDATION:

That the report "Development Charge Reserve Fund – Treasurer's Annual Statement" be received for information.

BACKGROUND:

The Development Charges Act, Section 43 (1) states that "The treasurer of a municipality shall each year on or before such date as the council of the municipality may direct, give the council a financial statement relating to the development charge by-laws and reserve funds established under section 33." In addition, paragraphs 12 and 14 of Ontario Regulation 82/98 provide specific guidance with respect to the information to be included in the Treasurer's annual statement.

In accordance with the Act and the regulations, attached is the 2012 Development Charge Reserve Fund Annual Statement.

DISCUSSION:

The attached Development Charge Reserve Fund Annual Statement provides the opening and closing balances of each service category maintained by the Town of Ajax, and reports transfers between service categories as applicable. Attachment 2 provides information, by capital project, of the development charge transfers made to capital accounts during the fiscal year, as well as other sources of financing provided to each project.

The closing balance as of December 31, 2012 is the cash balance in the development charge account. However, this balance does not consider committed funds for capital projects currently in progress. Therefore, the actual development charge funds available for future projects are less than the closing balance.

COMMUNICATION ISSUES:

Section 43 (3) of the Development Charges Act requires a copy of this report to be provided to the Minister of Municipal Affairs and Housing within 60 days from the date of presentation to council.

CONCLUSION:

The completion of the Development Charge Reserve Fund Annual Statement fulfills the reporting requirements of the Development Charges Act.

ATTACHMENTS:

ATT-1: Development Charge Reserve Fund Annual Statement
ATT-2: Development Related Capital Growth Reserve Fund Transfers

_____
Dianne Valentim, B.Comm, CGA

_____
Rob Ford, CMA, AMCT - Director of Finance/Treasurer

ATTACHMENT 1
Development Charge Reserve Fund Annual Statement
For the Town of Ajax - Town Services
For the Year Ended December 31, 2012

	Total	Development Related Capital Growth Studies	Fire Stations, Vehicles and Equipment	Transportation (incl Roads and related)	Operations (incl Works Yards and Equipment)	Parkland Development and Equipment	Major Indoor Recreation Facilities and Related	Libraries and Related (incl Materials)
Balance as of January 1, 2012	20,553,351	(12,194)	(2,220,390)	5,395,677	(640,187)	8,111,088	7,700,293	2,219,064
Plus:								
Development Charges Collections	6,359,776	83,097	284,916	2,923,630	242,508	1,159,089	1,382,175	284,361
Accrued Interest	287,747	102	(28,284)	86,248	(8,394)	123,417	83,032	31,626
Repayment of Monies Borrowed from Fund and Associated Interest								
Subtotal	6,647,523	83,199	256,632	3,009,878	234,114	1,282,506	1,465,207	315,987
Less:								
Amount Transferred to Capital (or Other) Funds (ATTACHMENT 1)	11,598,344	137,436	-	2,910,978	(89,096)	1,749,434	6,625,034	264,558
Amounts Loaned to Other DC Reserve Fund								
Credit								
Monies Borrowed from Fund for Other Municipal Purposes								
SUBTOTAL	11,598,344	137,436	-	2,910,978	(89,096)	1,749,434	6,625,034	264,558
December 31, 2012 Closing Balance	**15,602,530**	**(66,431)**	**(1,963,758)**	**5,494,577**	**(316,977)**	**7,644,160**	**2,540,466**	**2,270,493**

ATTACHMENT 2
Development Charge Reserve Fund Annual Statement
For the Town of Ajax - Town Services
For the Year Ended December 31, 2012

DEVELOPMENT RELATED CAPITAL GROWTH RESERVE FUND TRANSFERS					
Capital Project	**DC Reserve Fund Draw**	**Reserve Draw**	**Other Reserve Fund Draws**	**Other**	**Total**
Description					
877111 Greenwood Discovery Pavilion	947		22,654		23,601
878311 Carruthers Marsh Pavilion	(44)		69,755		69,711
883711 Kerrison Drive Bridge & Road Construction	46,500				46,500
891611 AudleyRd-Hwy 2-Rossland-Design EA	51,875	10,049			61,924
893611 New Ops & Env Serv Bldg -Construction	(270,034)				(270,034)
895611 Master Fire Plan	5,058	434			5,492
904411 ChambersDr-CarruthersCreek-Design	79,951	4,208			84,159
907011 Audley Rec Centre - Ph 1	6,523,233	2,797,106	971,700		10,292,039
907211 Salem Rd Widening-Rossland to Taunton	(59,832)	(10,876)		86,926	16,218
914111 Sundial Picov Parks	463	48			511
915811 Top Asphalt on Salem Rd	142,515	7,501			150,016
916011 Harwood Widening-School Site-Woodcock	1,266	199			1,465
916211 MUT-Salem Rd-Ringer - Rossland	443	49			492
916311 Rossland Rd-West Limit-Church	93,039	12,140			105,179
920111 Add'l Equipment-Articulating Tractor	242				242
920211 Add'l Equipment-Single Axle Plow	386				386
925411 Sportsplex Outdoor Rec-Construction	1,109,458	117,169		20,000	1,246,627
926511 Traffic Signals-Rossland & Rushworth	177,007	9,316			186,323
926711 Church St-Taunton to Rossland	197,001	30,081			227,082
926811 Harwood Widening-School Site to Woodcock	(7,538)	(1,668)		10,267	1,061
929111 Add'l Equipment-Articulating Tractor	180,310				180,310
930311 Sundial Audley/Rossland Parks	350,807	35,753			386,560
930411 Medallion Castlefield NP-Design	15,294	1,537			16,831
930511 Audley Trail Ph3-SWMP to Bayly	38,713	3,957			42,670
930611 Michaelman Drive Parkette	84	9			93
930711 Carruthers Trail-Kingston to Kerrison	177,694	17,320			195,014
930911 Sundial Downtown Park Ph 1	56,922				56,922
931211 MUT-Salem-Achilles Bayly Design	9,997	1,111			11,108
931811 Traffic Signals-Audley & Willamson	8,477	446			8,923
932011 Audley Reconstruction-Rossland to Kerrison	2,170,275	574,040		483,109	3,227,424
936911 Development Charge Study 2012	53,193	4,387			57,580
937511 Collection Growth Related 2012	76,100	3,900			80,000
939011 Transportation Master Plan Update	79,186	6,866			86,052
11409 Debt Repayment Reserve	289,356	-	-	-	289,356
Totals	**11,598,344**	**3,625,082**	**1,064,109**	**600,302**	**16,887,838**

TOWN OF AJAX
REPORT

REPORT TO: General Government Committee

SUBMITTED BY: Dave Meredith
Director, Operations and Environmental Services

PREPARED BY: Rick Chalmers
Supervisor, Infrastructure and Capital Projects

SUBJECT: **Contract Award – Streetlight Maintenance**

WARD(S): All

DATE OF MEETING: April 4, 2013

REFERENCE: **RFT No.T13009**

RECOMMENDATION:

1. **That Council award the contract for Streetlight Maintenance, to AlineUtility Ltd. in the estimated amount of $255,226.89 (inclusive of all taxes), for a period of one year.**

2. **That Council authorize Staff to renew the contract for an additional two, one year periods, pending an analysis and satisfactory performance review at the anniversary date of the contract, in the estimated amount of $525,869.47 (inclusive of all taxes).**

BACKGROUND:

On January 1, 2009, the Town of Ajax assumed the responsibility for streetlight maintenance following a decision by the Ontario Energy Board, which precluded Veridian Connections from providing streetlight maintenance services to the Town of Ajax. The Town of Ajax entered into a 3 year contract with Alineutility.com which was extended for one additional year ending on April 30, 2013.

DISCUSSION:

The maintenance requirements of the Town's streetlights are governed by the Municipal Act 2001, Ontario regulation 239/02. The minimum standard for the frequency of inspecting all luminaires to check to see if they are functional is once per calendar year. The Town's current service level ensures all luminaires are inspected twice annually (Spring and Fall). Regarding repairs, the Municipal Act requires repairs when three (3) or more consecutive luminaires are not functioning, or when 30% or more of luminaires on any kilometer of highway are not

functioning. In these situations, repairs must be completed between 7 and 14 days depending on the road classification.

Under the terms of this contract, the successful vendor will be responsible for providing all labour, equipment and materials necessary for the regular and/or emergency repair or replacement of the Town's streetlighting infrastructure. Streetlight maintenance requests received through telephone calls, emails, Town website and inspections will be sent to the vendor on a weekly basis. Typically, luminaires are repaired within fourteen (14) days of the Town being made aware of any outage. Repairs to any underground infrastructure may take longer.

Request for Tender (RFT) documents were issued to seven prospective bidders with bids being received back from six of these, prior to the closing on February 26, 2013. Upon review of the six bids received, one of the bids was found to be non-compliant and therefore cannot be considered in the award. During the analysis of the compliant bids, a number of arithmetical errors were discovered, resulting in a Corrected Total Tender Amount. Listed below is a summary of the bids considered:

NAME OF BIDDER	TOTAL TENDER AMOUNT	CORRECTED TOTAL TENDER AMOUNT
AlineUtility Ltd.	$835,563.83	$781,096.36
Langley Utilities Contracting Ltd.	$1,001,751.78	$1,001,751.78
Fellmore Electrical Contractors Ltd.	$1,002,141.03	$1,002,141.03
Black & McDonald Ltd.	$1,418,768.19	$1,418,768.19
Enersource	$1,081,896.29	$3,645,793.38

FINANCIAL IMPLICATIONS:

Funds for Streetlight Maintenance are included in the Operations operating budget.

COMMUNICATION ISSUES:

All streetlight maintenance requests received through telephone calls, emails, Town website and inspections are being directed to the Operations & Environmental Services Department for action. These customer service requests will be processed and forwarded to AlineUtility Ltd. on a weekly basis to ensure the continued integrity and proper functioning of our streetlight system.

CONCLUSION:

It is the recommendation of staff that AlineUtility Ltd. be awarded the contract for Streetlight Maintenance, being the lowest bidder meeting minimum specifications.

Rick Chalmers
Supervisor, Infrastructure and Capital Projects

Dave Meredith
Director, Operations and Environmental Services

TOWN OF AJAX
REPORT

REPORT TO: General Government Committee

SUBMITTED BY: Paul Allore, MCIP, RPP
Director of Planning and Development Services

PREPARED BY: Barbara Hodgins, MCIP, RPP
Senior Policy Planner

SUBJECT: **Duffin Creek Water Pollution Control Plant Outfall Environmental Assessment-Status Update**

WARD(S): All

DATE OF MEETING: April 4, 2013

REFERENCE: Staff Reports on Duffin Creek WPCP Outfall EA: GGC - May 5 & November 24, 2011 and June 18 & November 8, 2012; Council – October 22, 2012
Staff Reports on Duffin Creek WPCP Stage 3 Expansion: GGC – November 24, 2005; April 20, July 6 & September 21, 2006; April 17, 2007; Council – September 25, 2006
Community Action Plan: Leader in Environmental Sustainability

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RECOMMENDATIONS:

1. **That the report to General Government Committee, entitled "Duffin Creek Water Pollution Control Plant Outfall Environmental Assessment-Status Update", dated April 4, 2013, be endorsed; and,**

2. **That this report be sent to the Ontario Minister of the Environment, the Federal Minister of the Environment, the Region of Durham, the Region of York, the Ajax Environmental Advisory Committee, the Stakeholder Advisory Committee, Durham Region Council, York Region Council, City of Pickering Council, the Toronto and Region Conservation Authority, the Environment Commissioner of Ontario, the Great Lakes and St. Lawrence Cities Initiative, Environmental Defence, Lake Ontario Waterkeeper, Great Lakes United and other interested groups and citizens.**

BACKGROUND:

This report provides an update and a staff response to the issues discussed at Durham Region's Joint Committee held on February 21, 2013 regarding the Duffin Creek Water Pollution Control Plant (WPCP) Outfall Environmental Assessment (Outfall EA).

On October 18, 2012, Durham Region's Joint Committee considered a motion put forward by the Town Council and City of Pickering Council regarding the Outfall EA. Divided into two parts, the following portion of the motion was passed by the Joint Committee:

> *THAT Regional staff continue to meet with representatives of the Town of Ajax and City of Pickering to try to reach an agreeable approach to resolving the Town's issues with the Duffin Creek WPCP Outfall Environmental Assessment and report back to Joint Committee before the end of January 2013.*

The second part of the motion was deferred by Joint Committee, pending a follow-up report from Durham Region staff:

> *"THAT the Outfall EA timeline be extended to ensure that the Ministry of the Environment's current water quality study and the preparation of a comprehensive "Assimilative Capacity and Cumulative Effects Study" be completed and that these findings be used to determine the best scientifically possible Preferred Alternative for the Duffin Creek WPCP's Outfall-Diffuser".*

On November 6, 2012, Ajax staff, the Town's consultant (EcoMetrix) and Pickering staff met with Durham and York Region staff to discuss the Town's issues regarding the Outfall EA, including the need for an Assimilative Capacity and Cumulative Effects Study (ACCES) to be prepared to inform the selection of a preferred strategy as part of the Outfall EA. Regional staff indicated that they are not required to achieve consensus with stakeholders and the public during a Municipal Class EA, and reiterated the scheduled Project timelines (e.g. completion of the EA in Fall 2013). Town staff offered to provide a draft Terms of Reference (TOR) for an ACCES to facilitate discussion in an attempt to develop a cooperative solution-oriented approach to this issue. This draft TOR was to be sent for the Regions to review and discuss further with Town staff prior to reporting back to Durham's Joint Committee.

On November 20, 2012, Town staff received a letter from John Presta of Durham Region requesting the Town forward the draft ACCES TOR. EcoMetrix Incorporated, the Town's expert consultant with extensive knowledge of such studies, prepared a draft ACCES TOR that could be completed in 2013, at an estimated cost ranging from $100,000 to $300,000.

On December 20, 2012, Town staff sent the draft ACCES TOR to John Presta, reminding that Town staff would be available to discuss the TOR prior to the Region's follow-up report to Durham's Joint Committee due in January 2013.

On January 25, 2013, Town staff received a letter from John Presta advising that the Regions' EA Project Team (CH2MHill and AECOM) was reviewing the draft ACCES TOR (refer to Attachment 1). Mr. Presta noted that following the review, the Regions would be available to meet with Town staff. However, Regional staff did not advise Town staff when the review was completed. Notably, Regional staff did not arrange to meet with Town and City staff to discuss the Regions' reviewers' comments before finalizing a follow-up report to Joint Committee.

DISCUSSION:

Incomplete Reply from Durham Region to the Town's Issues

Durham Region released a staff report (2013-J-6) for its Joint Committee's consideration on February 21, 2013 for the stated purpose of reporting on progress from the November 6th, 2012 meeting with Town and City staff "aimed at trying to resolve the Town of Ajax's issues discussed in the October 18, 2012 Joint Committee meeting", and progress made in the Outfall EA. Durham staff recommended the report be received for information (refer to Attachment 2).

Overall, the report took the approach of critiquing selected elements of the proposed draft TOR, while avoiding the merits of studying the potential impacts of the facility on nearshore *Cladophora* algae growth.

Town staff and EcoMetrix reviewed the February 21, 2013 Durham Region staff report and compiled a list of overall comments, as follows:

1. The staff report did not refer to or address the above-noted deferred Joint Committee motion (see page 2 of this Town staff report).

2. The Town's complete draft ACCES TOR, submitted to John Presta on December 20, 2012, was not appended to or fully commented on. Instead, the staff report only spoke to selected parts of the draft ACCES TOR, avoiding aspects of the Town's proposed study, such as how, with the Regions' concurrence, CH2MHill's existing model of local Lake Ontario water currents and effluent mixing zones could be re-run, with adjustments to the input data, to determine the Lake's assimilative capacity for loadings of Total Phosphorus (TP) and Soluble Reactive Phosphorus (SRP) while complying with MOE Policy, all by the end of 2013.

3. The staff report, and the Outfall EA as conducted to date, have not determined the extent to which nutrients and chemicals of concern loadings in effluent discharged from the Duffin Creek WPCP's outfall cause and/or contribute to declining shoreline conditions, including beach postings, excessive *Cladophora* algae growth in nearshore Lake Ontario, and strong, offensive odours. On February 27, 2013, at a public meeting in Ajax, the Regions' consultant (CH2MHill) admitted the theoretical model they are using to define existing and future conditions in Lake Ontario water is not capable of assessing the cause and effect relationship between WPCP effluent discharge and *Cladophora* growth. Also, their model is not designed to reflect the strong influence wind action has on pushing discharged effluent to the shoreline. As such, the Regions' model does not provide an accurate tool to assess the extent of environmental impacts of their short-listed mitigation alternatives.

4. The staff report confirmed that present water quality testing by one of several MOE researchers and one TRCA staff person is being supported by funds from Durham Region, but that testing is <u>not</u> site-specific to the existing WPCP and its Outfall, and is still in progress and not complete.

5. The staff report, as well as CH2MHill's interim reports on Phase 1 and Phase 2 of the Outfall EA, overstated the influence of the Stakeholder Advisory Committee (SAC) input on the evaluation and selection of alternatives. The Regions' Terms of Reference for the SAC (SAC TOR) defined the Committee's role and responsibilities. Town staff and an Ajax resident are appointed SAC members. The following components of the SAC TOR affirm the SAC is only an advisory body and its meetings are closed to the public:

   - <u>The Committee is not a decision-making body</u>;
   - The Regions are <u>not</u> seeking consensus on discussion topics;
   - When the Regions choose a different course of action on a discussed issue, the Committee is to be provided with a detailed explanation;
   - Once an issue or problem has been dealt with, the matter is closed; and
   - Dissatisfaction with conclusions on issues is not reason enough to revisit them.

The SAC TOR can be viewed on the Outfall EA Project website at:

http://www.durham.ca/departments/works/duffincreek/phase1/SAC1/SAC1_Terms%20of%20Reference.pdf

6. The staff report disregarded the Town's issue that *Cladophora* algal mats promote the growth of *E. coli* by hosting food that attracts birds, etc. and harbouring other potentially more harmful pathogens close to shore, in wading-depth areas and beach sand.

7. The staff report does not acknowledge that murky waters are also produced by the growth and decay of *Cladophora* algae. *E. coli Counts* displayed on Figure 1 were averaged, which fails to reflect the wide-ranging fluctuation of *E. coli* levels above and below the Provincial standard measured along the Ajax-Pickering waterfront. Additionally, nutrient loadings combined with *E. coli* and other water quality parameters contribute to the Town's water quality issues, including *E. coli* bacterial counts in beach areas during summer months high enough to result in frequent beach postings by Durham Region's Health Department.

On February 21, 2013, Durham's Joint Committee defeated the following previously deferred motion:

"THAT the Outfall EA timeline be extended to ensure that the Ministry of the Environment's current water quality study and the preparation of a comprehensive "Assimilative Capacity and Cumulative Effects Study" be completed and that these findings be used to determine the best scientifically possible Preferred Alternative for the Duffin Creek WPCP's Outfall-Diffuser".

Also on February 21st, Durham's Joint Committee passed the following resolution per staff report 2013-J-6:

"That we recommend to Council:

a) That Joint Report #2013-J-6 from the Commissioner of Works, be received for information; and

b) That a copy of Joint Report #2013-J-6 be forwarded to the Ministry of the Environment, the Toronto and Region Conservation Authority, the City of Pickering, the Town of Ajax and the Regional Municipality of York".

On March 6, 2013, however, Durham Regional Council defeated the Joint Committee resolution regarding Durham Works' staff report #2013-J-6.

FINANCIAL IMPLICATIONS:

There are no financial implications to endorsing this staff report.

COMMUNICATION ISSUES:

Approximately 60 residents attended a public meeting held in Ajax on February 27, 2013. A robust "Save the Ajax Waterfront" campaign will be maintained by Communications staff.

CONCLUSION:

Staff recommend that Council endorse this report for distribution to the Ministry of the Environment, the Regions, the Ajax Environmental Advisory Committee, the Stakeholder Advisory Committee and other interested groups and citizens.

Staff will continue to have discussions with Durham Region in an attempt to resolve issues and continue to keep Council apprised of the Outfall EA.

ATTACHMENTS:

ATT-1: Durham Region Letter dated January 25, 2013
ATT-2: Durham Region Joint Committee Report 2013-J-6

Barbara Hodgins, MCIP, RPP - Senior Policy Planner

Gary Muller, MCIP, RPP – Manager of Planning

Paul Allore, MCIP, RPP – Director of Planning & Development Services

ATTACHMENT 1

The Regional
Municipality
of Durham

Works Department

605 ROSSLAND RD. E.
PO BOX 623
WHITBY, ON L1N 6A3
CANADA

905-668-7711
1-800-372-1102

www.durham.ca

C.R. Curtis, P.Eng., MBA
Commissioner of Works

January 25, 2013

Mr. Paul Allore, MCIP, RPP
Director of Planning and Development Services
The Town of Ajax
65 Harwood Avenue South
Ajax, ON L1S 2H9

Dear Mr. Allore:

Re: Duffin Creek Water Pollution Control Plant Outfall Municipal Class Environmental Assessment, in the City of Pickering

Further to your letter dated December 19, 2012, we acknowledge that the Regional Municipalities of Durham and York (Regions) met with Town of Ajax (Town) and City of Pickering staff on November 6, 2012 to explore the potential of developing a path forward related to the ongoing Municipal Class Environmental Assessment (EA) to address limitations of the Duffin Creek Water Pollution Control Plant (WPCP) Outfall. Based on the position voiced by the Town's staff and consultant, we have a fundamental difference of opinion and interpretation of the planning and design requirements for water pollution control plants discharging to Lake Ontario.

The Regions will continue the planning process for the Duffin Creek WPCP Outfall EA as required by Condition 11 of the Duffin Creek WPCP Environmental Compliance Approval which was approved by the Ministry of the Environment (MOE). It is important to note that the Regions continue to plan, design and construct infrastructure that meets or exceeds all regulatory requirements similar to other municipalities in Ontario.

We recognize through previous discussions and correspondence that Town staff are seeking a conclusive answer regarding the cause of nuisance algae in the Ajax-Pickering nearshore zone of Lake Ontario. However, based on our review of numerous literature sources and consultation with experts in this field, we have found that nuisance algae growth is a widespread problem affecting most of the Great Lakes. Furthermore, the problem of nuisance algae in a Lake Ontario suffering from widespread infestation of exotic mussels is a complex one that Canadian and American scientists, researchers and government agencies are struggling to understand.

The Regions will continue to review available information which not only includes independently peer-reviewed near and far field computer model results, but actual Ajax/Pickering nearshore water quality data gathered over a period in excess of five years. Interestingly, this water quality data is demonstrating the very limited effect the Duffin Creek WPCP is having on Ajax/Pickering nearshore water quality. For instance, water quality data is demonstrating actual levels of total phosphorus in the Ajax/Pickering nearshore to be significantly lower than what is being predicted by modelling.

We are in receipt of the draft terms of reference for the Assimilative Capacity and Cumulative Effects Study (ACCES) of Lake Ontario as envisioned by the Town of Ajax staff. The Regions' EA Project Team is reviewing the Town's proposed terms of reference.

Following review by the Project Team, we are available to meet with you in order to continue our discussion related to the Duffin Creek Water Pollution Control Plant Outfall EA.

Please note that the Region of Durham's report related to the Duffin Creek WPCP Outfall EA is scheduled for the Joint Committee on Thursday, February 21, 2013. Public Information Forums are scheduled for February 26 and 27, 2013 and are to be held in the City of Pickering and Town of Ajax respectively.

Yours truly,

John Presta, P. Eng.
Director, Environmental Services

JP/em

Cc: Brian Skinner, CAO, Town of Ajax
Garry Cubitt, CAO, Region of Durham
Cliff Curtis, Commissioner, Works, Region of Durham
Bruce MacGregor, CAO, York Region
Erin Mahoney, Commissioner, York Region
Daniel Kostopoulos, Director, York Region
Kevin French, Ministry of the Environment

ATTACHMENT 2

The Regional Municipality of Durham

To: **The Joint Finance & Administration, Health & Social Services, Planning & Economic Development, and Works Committee**

From: **C. Curtis, Commissioner of Works**

Report: **2013-J-6**

Date: **February 21, 2013**

SUBJECT:

The Class Environmental Assessment to Address Outfall Capacity Limitations at the York Durham Duffin Creek Water Pollution Control Plant, in the City of Pickering

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RECOMMENDATIONS:

THAT the Finance and Administration, Health and Social Services, Planning and Economic Development, and Works Committee receives this report for information; and,

THAT this report be forwarded to the Ministry of the Environment, the Toronto and Region Conservation Authority, The City of Pickering, The Town of Ajax and The Regional Municipality of York.

REPORT:

1. PURPOSE

The purpose of this report is to update Joint Committee on the following items related to the Class Environmental Assessment (EA) to address outfall capacity limitations at the Duffin Creek Water Pollution Control Plant (WPCP):

- Progress resulting from meeting with the City of Pickering and the Town of Ajax which aimed at trying to resolve the Town of Ajax's issues discussed in the October 18, 2012 Joint Committee meeting; and,
- Duffin Creek WPCP Outfall EA study progress.

2. REPORT ON MEETINGS HELD WITH TOWN OF AJAX AND CITY OF PICKERING

On November 6, 2012, Durham and York Regions met with staff from the Town of Ajax and the City of Pickering as directed in the October 18, 2012 Joint Committee meeting. During this meeting the following major issues were discussed:

- **MOE's Current Study Of Water Quality Along The Ajax-Pickering Waterfront And Three Other Communities Along The North Shore Of Lake Ontario:** The Town of Ajax requested that the Outfall EA timeline be extended to 2015 to take into account the results of this MOE study. However, all attendees including the Town of Ajax agreed that the MOE study was not designed to focus specifically on the Duffin Creek WPCP and as a result, may not provide all of the answers that were originally anticipated by the Town of Ajax concerning the cause-and-effect of *Cladophora* growth along the Ajax-Pickering shoreline.

- **Addressing *Cladophora* Growth as Part of the Outfall EA:** The Town of Ajax contends that the issue of nuisance *Cladophora* algal growth affecting the West Durham waterfront is not being addressed in a substantive manner in the Outfall EA. Durham and York Region staff do not agree with this position.

- **Additional Modelling Requested as Part of the Outfall EA:** As part of this EA, Town of Ajax staff requested that a comprehensive "Assimilative Capacity and Cumulative Effects Study" of Lake Ontario receiving waters in-and-around the mixing zone at the existing outfall-diffuser and mixing zones across the GTA from west Toronto to east Durham (i.e., creeks, stormwater outfalls, WPCP's, etc.), be carried out that quantifies and evaluates accumulations of nutrients (i.e., Total Phosphorus, Soluble Reactive Phosphorus, etc.). The proposed Study would also include an analysis of water quality along the shore in a non-urbanized watershed area on Lake Ontario to use as a baseline for comparison to the more urbanized watershed area of Ajax-Pickering. The Regions requested a Terms of Reference (ToR) for this study, which was received. Items in the proposed ToR have been discussed further below.

3. RESPONSE TO ITEMS IN THE TERMS OF REFERENCE PROVIDED BY THE TOWN OF AJAX

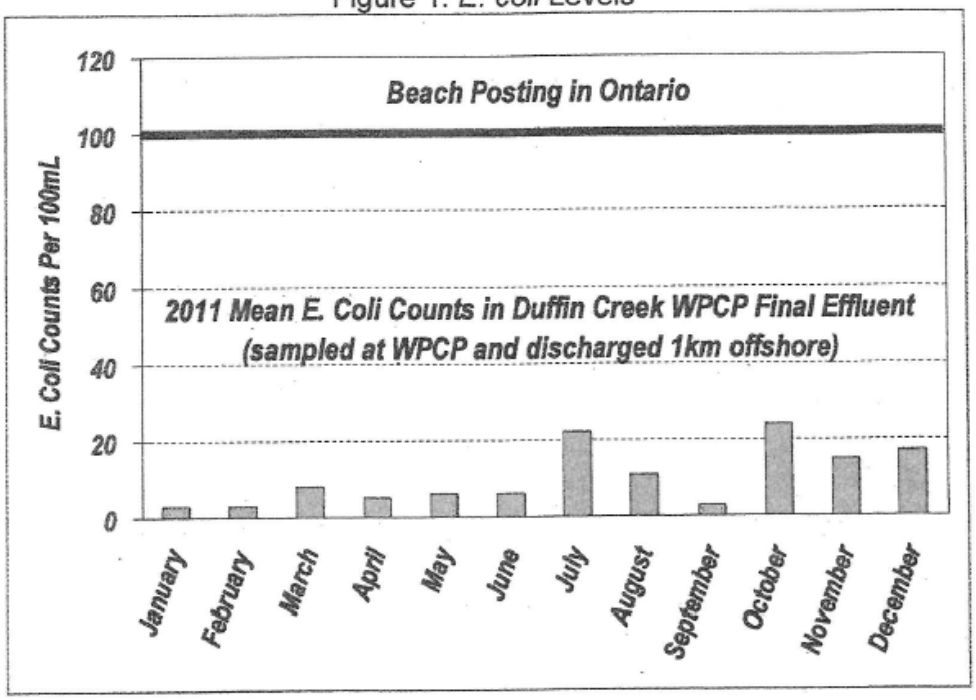
Subsequent to the meeting noted above, the proposed ToR was provided by the Town of Ajax in a letter dated December 19, 2012. Below, comments and requested items included by the Town of Ajax in the ToR have been indicated in italics along with responses by the Regions and project team.

> *Taken from ToR "Background" Section: The Ajax waterfront is experiencing ongoing degradation/impairment of beneficial uses that include beach closures, murky waters, rotting piles of algae, impaired fish habitat, threatened source water quality and clogged water intakes.*

Regions' Response to "Beach Closures" Statement: The high *E. coli* levels at shore areas that have resulted in beach closures such as at Rotary Park Beach are not the result of *E. coli* levels in the Duffin Creek WPCP effluent. Treated effluent currently being discharged from the Duffin Creek WPCP is disinfected through chlorine addition and as a result, effluent *E. coli* levels are well below 100

counts per 100 mL, which is the level at which beaches in Ontario are posted as being unsafe for swimming. The figure below indicates both average *E. coli* levels in the Duffin Creek WPCP effluent and the *E. coli* level at which beaches in Ontario are posted as being unsafe for swimming.

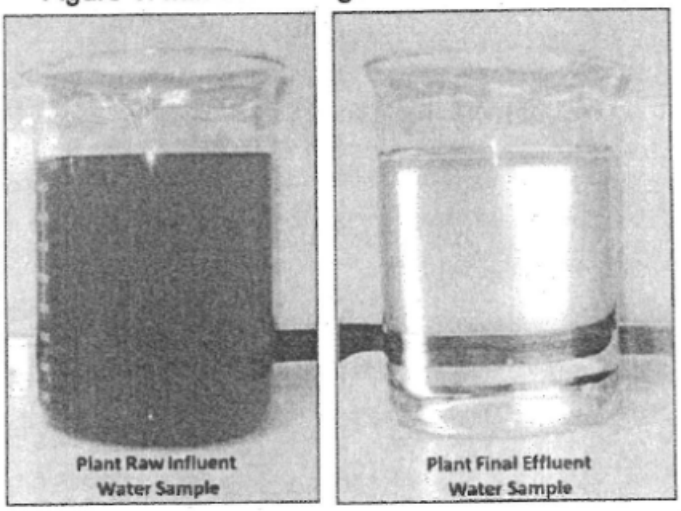
Figure 1: *E. coli* Levels



Regions' Response to "Murky Waters" Statement: Murky waters are often the result of discharge from nearby Duffins Creek subsequent to a rainfall event as demonstrated by the photo below (see Figure 2). Treated effluent from the Duffin Creek WPCP must meet strict performance parameters to be discharged to Lake Ontario. Below is a figure showing influent sewage as compared to clear treated effluent from the Duffin Creek WPCP (see Figure 3).

Figure 2: Discharge from Duffins Creek after Rainfall

Figure 3: Influent Sewage vs. Treated Effluent



Regions' Response "Rotting Piles of Algae" Statement: Due to rapidly deteriorating water quality in the 1960s and 70s, including excessive algal blooms in the Great Lakes, the Great Lakes Water Quality Agreement (GLWQA) was signed by Canada and the United States in 1972. Subsequent to the signing of this agreement, the MOE set a Provincial Water Quality Objective (PWQO) of 20 ug/L for total phosphorus (TP) in Lake Ontario. The new limits on nutrient discharges resulted in a marked reduction in phosphorus loadings to Lake Ontario. Today this water quality objective has been met for open-water areas on the north shore of Lake Ontario with overall water quality in the Ajax-Pickering area well below this value. Despite the very low concentrations of phosphorus, nuisance *Cladophora* algae growth has become a resurging issue in the past

decade. One major contributor to the nuisance algae resurgence is thought to be the widespread invasion of Zebra and Quagga mussels, which now completely blanket many areas of Lake Ontario. Mussels are thought to play a critical role in the growth of algae blooms by increasing water clarity which allows greater light penetration of the water and increasing the amount of bio-available phosphorus for algal growth through a conversion of particulate phosphorus to soluble reactive phosphorus (SRP.) In addition, the mussels provide a hard surface to which algae can attach and grow in areas previously unsatisfactory for algal growth. The resurgence of nuisance algae is a common problem affecting most of the Great Lakes.

Based on recent research it is unclear whether a further reduction in phosphorus loadings from water pollution control plants will have a significant effect on nuisance *Cladophora* growth. Despite this, the Regions in the recent upgrade to the Duffin Creek WPCP installed treatment facilities that will allow for a significant decrease to the amount of phosphorus discharged to Lake Ontario. Specifically, the new Duffin Creek WPCP MOE Environmental Compliance Approval has reduced total TP loading from 420 kg/day to 311 kg/day, even after increasing maximum flows from 420 MLD to 630 MLD. This is equivalent to a 50% reduction in effluent TP concentration at capacity.

In addition, the Regions are continuing to support research and water quality sampling aimed at trying to further understand this phenomenon as it relates to both nearshore water quality in the vicinity of the Duffin Creek WPCP outfall and tributary loadings of phosphorus to the nearshore. In this regard, the TRCA and MOE are conducting detailed water sampling programs across the Ajax-Pickering waterfront and other nearshore areas of Lake Ontario. The work being undertaken by the TRCA is finding that phosphorous loads from Duffins Creek in particular may be much higher than previous thought due to the flushing effect of wet weather events. Generally, creeks and other watercourses can drain both agricultural land that may contribute phosphorous loads from fertilizers and urban areas with inadequate stormwater management controls nearer to the shoreline that also contribute to higher levels of phosphorus.

Regions' Response to "Impaired Fish Habitat" Statement: Decaying algae, which exists on most of the Great Lakes, can deplete oxygen levels and cause an adverse effect for fish. However, limiting nutrients is also suspected of having an adverse effect upon the ecosystem and fisheries as nutrients such as phosphorus sustain the growth of other algae and zooplankton which support the fishery. Recent documentation indicates that adverse effects on fisheries may be the result of decreasing levels of phosphorus in open areas of Lake Ontario.[1] This situation highlights the complexity of the algae problem and the need for a greater understanding of the ecosystems of the Great Lakes.

With regard to the Duffin Creek WPCP effluent limits, new upgraded treatment facilities have reduced the level of ammonia nitrogen in effluent. These lower levels are well below the acute and sub lethal toxicity levels for fish, published for freshwater species under the new Federal wastewater regulations by Environment Canada.

Regions' Response to "Threatened Source Water Quality" Statement: Water quality from the Ajax Water Supply Plant (WSP) has and continues to meet the strict drinking water quality limits set by the MOE. A review of Annual Water Quality Reports, which are posted to the Durham Region website, confirm the high quality drinking water consistently provided to the residents of Durham Region.

Regions' Response "Clogged Water Intakes" Statement: Subsequent to the findings of a University of Waterloo study into the cause of *Cladophora* in the Ajax-Pickering nearshore, the Regions have not received any correspondence from Ontario Power Generation (OPG) indicating OPG attributes clogging of the intake at the Pickering Nuclear Generating Station to operation of the Duffin Creek WPCP. The existing Ajax WSP intake has never been clogged by *Cladophora* algae.

> *Taken from Ajax ToR "Background" Section: ...the Waterloo study, and a 2011 peer review completed by Dr. Martin Auer... draw opposing conclusions.*

Regions' Response to Assertion Regarding Peer Review by Dr. Martin Auer: Both the University of Waterloo Study and Dr. Martin Auer's peer review study were based on data available at the time. However, more comprehensive data from recent water quality surveys indicate that tributary phosphorus loadings to the nearshore area from Duffins Creek are higher than the loadings used by Dr. Auer[2]. In his report, Dr. Auer acknowledges the difficulty with estimating tributary loadings which is related to the limited scope of concentration data sets from tributaries at that time. These data sets often omit the periods of highest flow and loads, associated with snowmelt and rainfall events, and as a result tend to be biased towards underestimating the amount of phosphorus from tributaries[3]. More work is currently underway by TRCA and others to further develop a more accurate prediction of phosphorous loading due to surface runoff from streams and local storm sewer systems.

In addition, Dr. Auer's conclusions about the relative impacts of loading from Duffins Creek and the Duffin Creek WPCP were based on a simplified mass-balance based model (a so-called "footprint" approach) that did not account for

[2] Makarewicz, J.C., Booty, W.G., Bowen, G.S. (2012) "Tributary Phosphorus Loads to Lake Ontario". Journal of Great Lakes Research, 2012, 38:14-20

[3] Bowen and Booty (2012) "Tributary Loads To Nearshore Lake Ontario". Presentation from the Lake Ontario Collaborative Workshop. Black Creek Pioneer Village, 20 November, 2012. Accessed on 21 January 2013 from http://www.ctcswp.ca/files/LOC_20121122_Bowen.pdf

along-shore currents or the impacts of momentum at points of discharge for both the Creek and the WPCP outfall diffuser.

> *Taken from ToR "Background" Section: The MOE [Ministry of the Environment] is unable to accept the environmental assessment for the outfall/diffuser until compliance of their policy is assured.*

Regions' Response to the Acceptability of the Outfall EA: The Regions have been consulting and meeting with the MOE prior to and throughout the Outfall EA. In addition, the MOE was provided with project documentation including the peer-reviewed Baseline Modelling Report, in order that a preliminary review could be undertaken by MOE technical staff. Subsequent to this review, the MOE communicated to the Regions that the report and technical analysis undertaken by the Regions and their consultant team appeared to be acceptable thus far.

During the November 22nd, 2012 Stakeholder Advisory Committee meeting, the MOE representative also indicated that the results of the modelling analysis appear to suggest that the existing outfall (with no modifications) would meet the intent of MOE Procedure B-1-5. (The MOE will be formally reviewing the final modelling analysis through the Class EA process.)

> *Taken from ToR, "Determination of source loadings" Section: Available monitoring data for the period 2009 through 2012 should be used to quantify the source loadings of total phosphorus and soluble reactive phosphorus from the Duffin Creek WPCP, Ashbridges Bay WPCP and other identified urban and rural watershed sources from across the north shore of Lake Ontario from Toronto to Clarington. The source loadings should be determined on a daily average basis, including both wet weather and dry weather periods.*

Regions' Response Regarding Source Loading Data: Currently, there is only compiled tributary data up to 2008. The tributary data for 2009-2012 is still being collected and cannot be used for model development at this time. In addition, work is currently underway to better quantify phosphorus loading from tributaries as it is now believed that previous estimates significantly underestimated actual loading. With regard to stormwater inputs, this data simply isn't available for many jurisdictions.

> *Taken from ToR, "Modification of the Regions' three-dimensional receiving water model" Section: The Regions' consultant has implemented a version of the MIKE-3 receiving water model, which includes a coarse grid of the entire Lake Ontario basin and a fine grid within the vicinity of the Duffin Creek WPCP outfall. The boundaries of the fine grid model should expand from Toronto to Clarington and all identified sources of phosphorus should be accounted for in this region. The model should be expanded to include soluble reactive phosphorus as a conservative parameter, in addition to total phosphorus, which it already includes.*

Regions' Response to Modification of the 3-D Model Grid: To date, a 90-metre grid for the Regional Study Area has been used. The Regional Study Area was presented to, modified by and eventually supported by the Stakeholder Advisory Committee. A larger resolution was used for the area outside the Regional Study Area from Toronto to Clarington as indicated (e.g. 270 m, and then 810 m.) The model could be run over the broader area with 90-m grids at significant additional time and costs however, no significant changes to the Duffin Creek WPCP outfall mixing zone delineation would result. Since the purpose of the Outfall EA is to assess the outfall, there would be no added benefits to the Outfall EA by undertaking these additional model runs.

Taken from ToR, "Validation of the three-dimensional receiving water model" Section: The Regions' consultant claims the model has been calibrated, although the information provided is limited. Assuming the model has been calibrated, the model should be validated using the 2009 to 2012 field monitoring data. Validation should consider measured currents, water temperature and concentrations of total phosphorus and soluble reactive phosphorus.

Regions' Response Regarding Model Validation: The model being used for the Outfall EA has been calibrated and this has been documented in the Baseline Report. This report was reviewed by the MOE in the early stages of the EA and has been further reviewed by an independent peer team including a industry leading expert in water quality modeling. The Baseline Report has been made available on the project website for the public and stakeholders' review and comment. In an effort to further validate the use of the model, model predictions have been compared to actual sampling results. The model was found to over-estimate concentrations of total phosphorus in the nearshore area; i.e., actual measured water quality is much better than predicted by the model.

Taken from ToR, "Application of the model" Section: The modelling approach should be reviewed with the Regions' consultant to ensure agreement regarding approach. Documentation indicates the consultant applies the model over an extended period (several months) during the summer and then processes the results (generally showing only the 90th percentile.) A similar duration should apply, but the results should include the 60th and 75th percentiles, as well as hourly time series at discrete points of interest.

Regions' Response Regarding Model Application: Although, it would indicate an even smaller mixing zone than shown in the project documentation thus far, the project team could produce 60th and 75th percentile results to the Town of Ajax. The approach taken by the Regions to use the 90th percentile is a more conservative approach than that suggested by the Town of Ajax. The Regions also included the time series results for the Ajax Water Supply Plant intake; this information was included in the MOE-reviewed and peer-reviewed Baseline Report and is posted to the project website. If the Town of Ajax would like additional time series results for other locations, this can be accommodated.

Taken From ToR, "Application of the model" Section: The model should be applied considering all identified sources plus separate runs for source loadings from the Duffin Creek WPCP, local area inputs (Duffins Creek and local storm inflows) and far-field inputs (Ashbridges Bay and other identified far-field sources.)

Regions' Response to Local Inputs Comment: The model has been run with and without the Duffins Creek data; this scenario is documented in the MOE-reviewed and peer-reviewed Baseline Report. As indicated above, local stormwater data is not available for many jurisdictions.

Taken from ToR, "Application of the model" Section: Separate runs should be made to represent current actual loadings, current permitted loadings and future loading projections for the Duffin Creek WPCP and Ashbridges Bay WPCP.

Regions' Response Regarding Loading Comment: Actual loadings from the Duffin Creek WPCP for the year 2008 were run in the model and compared to actual sampling results. The analysis confirmed that actual sampling results show lower levels (i.e., better water quality) than what the model predicts indicating that the model results are more conservative. Comparison of 2008 model predictions to actual measured sampling results included the Ashbridges Bay WPCP as a point source.

Taken from ToR, "Interpretation of the model results" Section: Interpretation of the model results should consider Provincial Water Quality Objectives for total phosphorus and site specific water quality objectives for soluble reactive phosphorus-assumed to be 1ug/L based on the 2011 peer review by Dr. Auer. The interpretation should address the following questions:

- *Is the vast majority of the Cladophora [in the Ajax-Pickering nearshore] attributable to the Duffin Creek WPCP?*
- *Are the local sources sufficient to cause excess growth of nuisance Cladophora?*
- *Are the far-field sources (i.e. the neighbouring WWTP) sufficient to cause excess growth of nuisance Cladophora?*

Regions' Response Regarding Soluble Reactive Phosphorus: Soluble reactive phosphorus (SRP) can be a key indicator of *Cladophora* growth. However, focusing on SRP for new model runs poses a challenge because, in addition to mixing, SRP concentrations are strongly influenced by biological conversion from TP concentrations. In turn, TP concentrations are influenced by sedimentation and re-suspension from sediment layers in the nearshore zone. Although there are some development-stage models that attempt to account for some of the biological processes impacting SRP concentrations, these models do not have the required predictive power. The major constraint with the models

is that they fail to account for major factors, notably release of SRP from zebra mussel beds and wave-induced re-suspension of particulate phosphorus from sediments in the nearshore zone. The current practice of simulating impacts on water quality using TP is considered the best approach because the processes impacting SRP concentrations simply cannot be captured by any of the available models. It should also be noted that only TP and not SRP, which is a component of TP, is regulated. Further research and science is required in order for government regulators to determine whether SRP should be regulated.

4. OUTFALL EA PROGRESS AND ISSUES

4.1 November 1, 2012 Stakeholder Advisory Committee Meeting (Water Quality Workshop)

Dr. Todd Howell of the MOE and Gary Bowen of the TRCA delivered presentations and answered questions on their current research. Dr. Howell discussed his study and also indicated that in the 2013 sampling season he plans on focusing more attention on the effect of *Dressinid* mussels in the study areas. Mr. Bowen shared his research indicating that phosphorus loading from local tributaries may be significantly higher than previously thought only a few years ago. The work of both of these researchers is ongoing and will be reviewed in the project as it progresses.

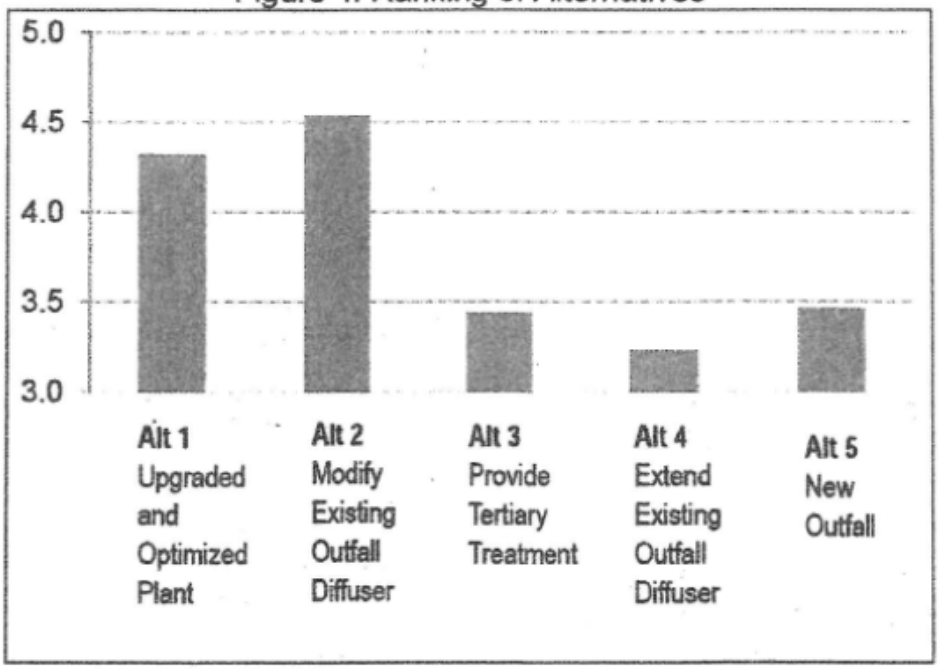
4.2 November 22, 2012, Stakeholder Advisory Committee Meeting

During this meeting the Regions provided the results of the evaluation of the alternatives, which were assessed based on the following:

- Technical: Engineering perspective including performance, regulatory requirements, construction, installation, operation & maintenance;
- Natural Environment: Relative impacts on natural features during construction & operation;
- Social/Cultural: Relative impacts to human activities, health, safety & well being; and,
- Financial: Relative economic impact.

These results are depicted in Figure 4 below:

Figure 4: Ranking of Alternatives



Note the recommended implementation strategy provided to the Stakeholder Advisory Committee is the following:

1. Continue to Implement Upgrades and Optimize Plant
2. Modify Existing Outfall Diffuser (Prior to flows reaching 520 ML/d)
3. Plan for New Outfall (Once flows reach 630 ML/d depending on hydraulics)

4.3 Outfall EA Upcoming Events and Overall Schedule

Public Information Forums are scheduled to be held in the City of Pickering and Town of Ajax as indicated below.

- February 26, 2013, 5 p.m. to 8 p.m.: East Shore Community Centre, 910 Liverpool Road South, City of Pickering
- February 27, 2013, 5 p.m. to 8 p.m.: McLean Community Centre, Banquet Hall - 95 Magill Drive, Town of Ajax

The future Stakeholders Advisory Committee meeting and Public Information Forums will be held mid-2013 and fall of 2013 respectively. The Outfall EA is scheduled for completion by the end of 2013.

4.4 Position of the MOE Regarding The Town of Ajax's Request for a Delay of the Outfall EA

The Regions have undertaken and plan to continue with the Outfall EA to comply with condition 11 of the Duffin Creek WPCP Environmental Compliance Approval (formerly Certificate of Approval). Furthermore, in correspondence from the MOE to the Town of Ajax dated October 17, 2012 the MOE noted, "...the ministry cannot impose a delay on the submission of the Notice of Completion."

5. SUMMARY

The Regional Municipalities of Durham and York will continue with the planning process for the Duffin Creek WPCP Outfall EA in accordance with the MOE's regulatory requirements and in a fashion consistent with EAs undertaken by other municipalities who own and operate water pollution control plants discharging to Lake Ontario.

This report has been reviewed by the Finance, Health and Social Services, Planning and Economic Development Departments.

TOWN OF AJAX
REPORT

REPORT TO:	General Government Committee
SUBMITTED BY:	Paul Allore, M.C.I.P., R.P.P. Director of Planning & Development Services
PREPARED BY:	Greg Gibson, C.E.T. Development Coordinator
SUBJECT:	Assumption of Subdivisions
WARD(S):	2
DATE OF MEETING:	April 4, 2013
REFERENCE:	S-A-2003-10 Phase 2

RECOMMENDATION:

(1) That the works and services within the following Plan of Subdivision be assumed by the Town:

a) (S-A-2003-10) – Menkes Subdivision Phase 2
Owner: Menkes Ajax Holdings Limited
Agreement Date: December 31, 2008
Registered Plan: 40M-2397
Refer to Appendix "A"

(2) That the corresponding Assumption By-law be prepared for an upcoming Council meeting.

BACKGROUND:

The construction of works and services within the plan of subdivision have been completed in accordance with the terms and conditions of the subdivision agreement and to the satisfaction of Planning and Development Department in conjunction with other internal commenting departments. In accordance with the conditions of the subdivision agreement, it is now appropriate that the Town assume, from the developer the responsibility for the maintenance and operation of the works and services within this plan.

The works and services include but are not limited to the roads, sidewalks, curbs and gutters, driveways, street lights, signs, storm sewers, storm ponds, parks, boulevard trees and the grading and sodding of lands outlined in the Residential Subdivision Agreement.

DISCUSSION:

All works and services to be assumed by the Town as outlined in the subdivision agreement for the above noted plan of subdivision have now been completed to the satisfaction of Planning and Development in conjunction with other internal commenting departments.

FINANCIAL IMPLICATIONS:
There are no financial obligations to assume the works and services within the above noted Plan of Subdivision. However, upon assumption of the subdivisions maintenance of the works and services will be the responsibility of the Town.

COMMUNICATION ISSUES:

N/A

CONCLUSION:

Since the registered plan of subdivision identified in this report has complied with the terms and conditions of their subdivision agreement, it is recommended that Council pass an Assumption By-law at an upcoming Council meeting to assume the works and services for registered plan, 40M-2397.

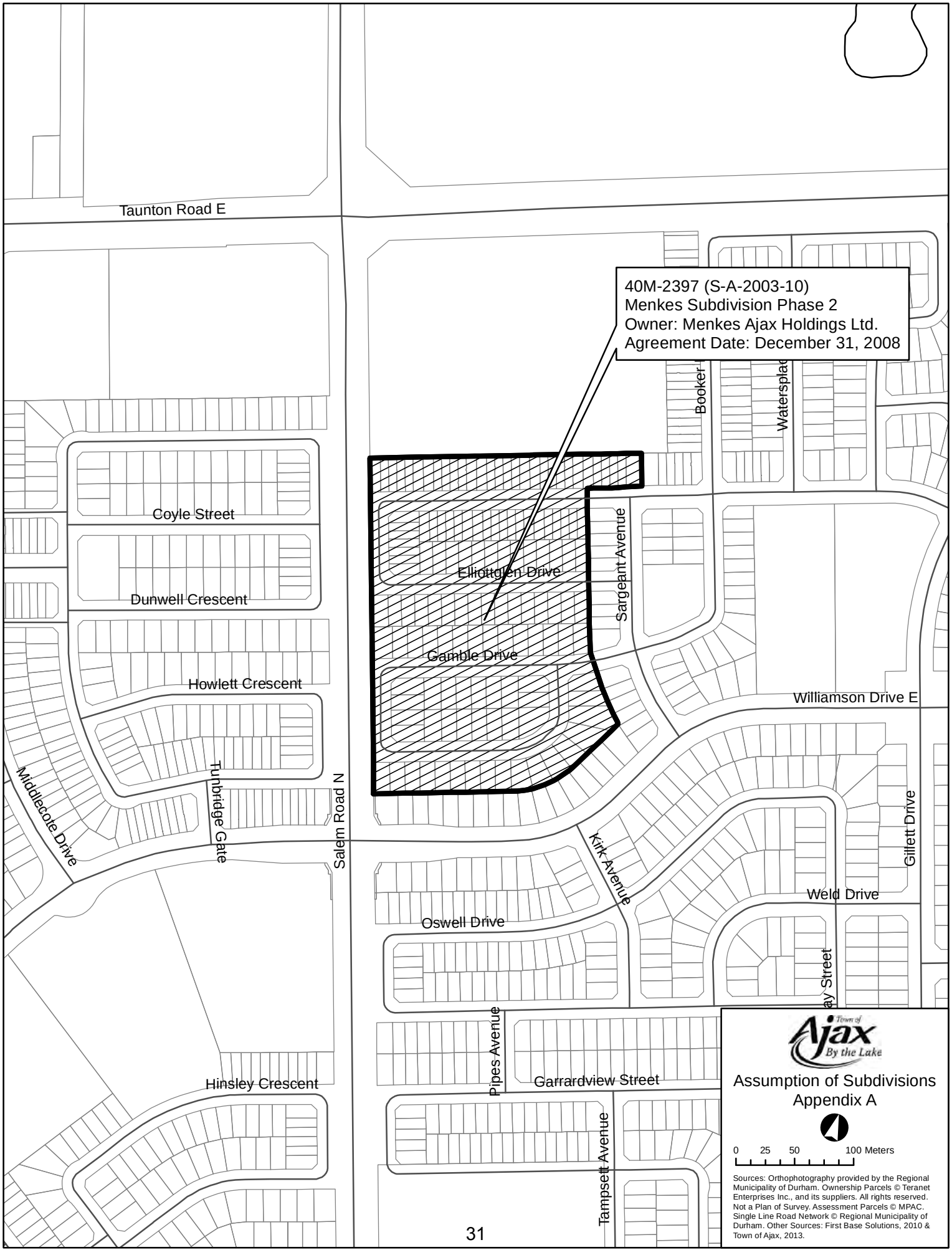
ATTACHMENTS:

Appendix ‘A’

Greg Gibson, C.E.T. - Development Coordinator

Kevin Tryon, C.E.T. - Manager of Engineering, Development Services

Paul Allore, M.C.I.P., R.P.P. - Director of Planning & Development


40M-2397 (S-A-2003-10)
Menkes Subdivision Phase 2
Owner: Menkes Ajax Holdings Ltd.
Agreement Date: December 31, 2008
Taunton Road E
Coyle Street
Dunwell Crescent
Howlett Crescent
Middlecote Drive
Tunbridge Gate
Salem Road N
Hinsley Crescent
Elliottglen Drive
Gamble Drive
Sargeant Avenue
Booker
Watersplad
Williamson Drive E
Kirk Avenue
Gillett Drive
Weld Drive
Oswell Drive
Pipes Avenue
Garrardview Street
Tampsett Avenue
Assumption of Subdivisions
Appendix A
0 25 50 100 Meters
Sources: Orthophotography provided by the Regional Municipality of Durham. Ownership Parcels © Teranet Enterprises Inc., and its suppliers. All rights reserved. Not a Plan of Survey. Assessment Parcels © MPAC. Single Line Road Network © Regional Municipality of Durham. Other Sources: First Base Solutions, 2010 & Town of Ajax, 2013.

THE CORPORATION OF THE TOWN OF AJAX

BY-LAW NUMBER xx-2013

A By-law to assume the works and services on Registered Plan 40M-2397 (S-A-2003-10).
(Menkes Subdivision Phase 2)

WHEREAS under the terms of the Subdivision Agreement dated December 31st, 2008 between the Corporation of the Town of Ajax and Menkes Ajax Holding Limited, and upon issuance of the Town's Final Acceptance certificate, the Town shall assume the works and services referred to in the said certificate;

NOW THEREFORE the Council of the Corporation of the Town of Ajax enacts as follows:

1. That the Corporation of the Town of Ajax hereby assumes the works and services in Registered Plan 40M-2397.

READ a first and second time this Eighth day of April, 2013.

READ a third time and passed this Eighth day of April, 2013.

_____
Mayor

_____
D-Clerk