



The Regional Municipality of Durham

Works Committee Agenda

Council Chambers
Regional Headquarters Building
605 Rossland Road East, Whitby

Wednesday, June 3, 2020

9:30 AM

Please note: In an effort to help mitigate the spread of COVID-19, and to generally comply with the direction from the Government of Ontario whereby all organized public events of more than five people are prohibited, it is requested in the strongest terms that Members participate in the meeting electronically. Regional Headquarters is closed to the public, all members of the public may [view the Committee meeting](#) via live streaming, instead of attending the meeting in person. If you wish to register as a delegate regarding an agenda item, you may register in advance of the meeting by noon on the day prior to the meeting by emailing delegations@durham.ca and will be provided with the details to delegate electronically.

1. Roll Call

2. Declarations of Interest

3. Adoption of Minutes

A) Works Committee meeting – March 4, 2020

Pages 4 - 14

B) Closed Works Committee meeting – March 4, 2020

Under Separate Cover

4. Statutory Public Meetings

There are no statutory public meetings

5. Delegations

There are no delegations

6. Presentations

There are no presentations

7. Waste

7.1 Correspondence

7.2 Reports

- A) Recycling Material Markets Update and Sole Source of Glass Processing with Nexcycle Canada Limited (2020-WR-2) 15 - 30

8. Works

8.1 Correspondence

8.2 Reports

- A) Subdivision Agreement with Smooth Run Developments Inc. or Brookfield Residential (Ontario) Limited to allow the Construction of a Temporary Water Booster Pumping Station in Newcastle, in the Municipality of Clarington (2020-W-27) 31 - 36
- B) Preliminary and Detailed Design and Construction Administration for the Phosphorous Reduction Action Plan (PRAP) and Outfall Diffuser Improvements at the Duffin Creek Water Pollution Control Plant, in the City of Pickering (2020-W-28) 37 - 39
- C) Grade Separation Rehabilitation Agreement with the Canadian Pacific Railway for the Rehabilitation of the Simcoe Street (Regional Road 2) Canadian Pacific Railway Underpass, in the City of Oshawa (2020-W-30) 40 - 43
- D) Acquisition of Easement, License Agreement and Construction Agreement for the Liverpool Forcemain Project, in the City of Pickering (2020-W-31) 44 - 48
- E) Approval to Award the Sole Source Supply of a Liquid Chromatograph with Hybrid Triple Quadrupole/Linear Ion Trap Mass Spectrometer by AB SCIEX LP, for use by the York-Durham Regional Environmental Laboratory, located in the City of Pickering (2020-W-32) 49 - 53
- F) Approval of Unbudgeted Capital Works to be Incorporated into a Servicing Agreement with the Kedron East Landowners Group Inc. (Kedron East), Including Cost Sharing in Accordance with the Region Share Policy, for the Extension and Oversizing of a Trunk Sanitary Sewer and Watermains on

	Harmony Road (Regional Road 33), in the City of Oshawa (2020-W-33)	54 - 63
G)	Approval of the New York-Durham Sewage System Operating Agreement (2020-W-34)	64 - 67
H)	Servicing Agreement with North Village Landowners Group Inc. (North Village), Including Cost Sharing in Accordance with the Region's Share Policy, for the Extension and Oversizing of a Trunk Sanitary Sewer and Watermain on North Street (Regional Road 17), in the Municipality of Clarington (2020-W-35)	68 - 76

9. Advisory Committee Resolutions

There are no advisory committee resolutions to be considered

10. Confidential Matters

10.1 Reports

A)	Confidential Report of the Commissioner of Works – Proposed or Pending Acquisition or Disposition of Land for Regional Corporation Purposes and Litigation/Potential Litigation Matters, as it Relates to the Purchase of Lands Required for the Bus Rapid Transit Project, in the City of Pickering (2020-W-29)	Under Separate Cover
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11. Other Business

12. Date of Next Meeting

Wednesday, July 8, 2020 at 9:30 AM

13. Adjournment

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The Regional Municipality of Durham

MINUTES

WORKS COMMITTEE

Wednesday, March 4, 2020

A regular meeting of the Works Committee was held on Wednesday, March 4, 2020 in Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby, Ontario at 9:30 AM

Present: Councillor Mitchell, Chair
Councillor Barton
Councillor Crawford
Councillor McLean
Councillor John Neal
Councillor Smith
Regional Chair Henry

Also

Present: Councillor Dies
Councillor Kerr
Councillor Wotten

Absent: Councillor Marimpietri, Vice-Chair was absent with regrets

Staff

Present: E. Baxter-Trahair, Chief Administrative Officer
G. Anello, Acting Director, Waste Management Services, left the meeting at 10:14 AM
J. Demanuele, Director of Business Services, left the meeting at 10:14 AM
A. Evans, Project Manager, Waste Management, left the meeting at 10:14 AM
J. Hunt, Director of Legal Services, Corporate Services – Legal Services
R. Inacio, Systems Support Specialist, Corporate Services – IT
R. Jagannathan, Director of Transportation and Field Services, left the meeting at 10:14 AM
J. Paquette, Manager (Works), Corporate Communications, left the meeting at 10:14 AM
J. Presta, Director of Environmental Services, left the meeting at 10:14 AM
S. Siopis, Commissioner of Works
R. Walton, Director of Legislative Services, Regional Clerk
G. Williams, Director of Corporate Communications, left the meeting at 10:14 AM
S. Penak, Committee Clerk, Corporate Services – Legislative Services

1. Declarations of Interest

There were no declarations of interest.

2. Adoption of Minutes

Moved by Councillor Barton, Seconded by Councillor McLean,
(23) That the minutes of the regular Works Committee meeting held on
Wednesday, February 5, 2020, be adopted.

CARRIED

3. Statutory Public Meetings

There were no statutory public meetings.

4. Delegations

There were no delegations to be heard.

5. Presentations

5.1 Gio Anello, Acting Director, Waste Management Services, re: Innovation in
Landfill Management – Landfill Mining, Leachate Recirculation, and Biocovers

G. Anello, Acting Director, Waste Management Services, presented a PowerPoint presentation regarding Innovation in Landfill Management – Landfill Mining, Leachate Recirculation, and Biocovers.

Highlights from his presentation included:

- Durham Region Landfills
- Our Approach to Landfill Management is Proactive and Guided by Our Role as Environmental Stewards
- Landfill Mining – Blackstock Site
 - October 2018 – July 2019
- Benefits of the Blackstock Landfill Mining Plan for the Region
- Brock Landfill – Enhancing Natural Processes to Improve Groundwater Quality
- Biocovers – Enhancing Natural Processes to Reduce Methane Emissions

G. Anello responded to questions from the Committee regarding the reclamation of the Blackstock Landfill; what products create the most methane; the status of the recycling lids project now that Durham's 2020 budget has passed; the lease Durham has for the Scott's Landfill; and the reasoning behind putting waste back into the Brock Landfill.

Discussion ensued regarding the City of Toronto's landfill located in the City of Pickering; what the City of Toronto has planned for that site; whether Durham receives any updates pertaining to the landfill; and the amount of methane being released from the site. S. Siopis will follow-up with staff at the City of Toronto regarding the Committees concerns and whether they can provide an estimation of how much methane is being released.

In response to a question regarding infrastructure put in place at Father Joseph Venini School, staff advised that a gas intercept trench was installed at the school and that staff engage with the City of Oshawa Fire Department if a high reading of gas is recorded. Councillor John Neal requested that staff have another conversation with the City of Oshawa Fire Department to ensure lines of communication are open regarding this site.

Councillors requested further dialogue with staff regarding LAM landfill sites.

6. Waste

6.1 Correspondence

- A) Email correspondence received from Kerry Meydam, Clarington Resident, re: Questions and Concerns Related to Plans for the Anaerobic Digestion and Mixed Waste Pre-Sort Facility

In response to a question, S. Siopis advised that staff are reviewing both items of correspondence and will provide responses and clarification as soon as possible.

Moved by Councillor Smith, Seconded by Councillor Barton,

- (24) That the email correspondence received from Kerry Meydam, Clarington resident regarding questions and concerns related to plans for the Anaerobic Digestion and Mixed Waste Pre-Sort Facility, be referred to staff for a response.

CARRIED

- B) Email correspondence received from Linda Gasser, Whitby Resident, re: the Anaerobic Digestion/Mixed Waste Pre-Sort Facility February 27, 2020 Public Information Centre Deadline and Project Documents

Moved by Councillor Smith, Seconded by Councillor Barton,

- (25) That the email correspondence received from Linda Gasser, Whitby resident regarding the Anaerobic Digestion/Mixed Waste Pre-Sort Facility, be referred to staff for a response.

CARRIED

6.2 Reports

There were no Waste Reports to consider.

7. Works

7.1 Correspondence

There were no items of communication to be considered.

7.2 Reports

A) The Regional Municipality of Durham's Drinking Water Systems 2019 Summary Report (2020-W-16)

Report #2020-W-16 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(26) That we recommend to Council:

- A) That the 2019 Summary Report for the Regional Municipality of Durham Drinking Water Systems be received for information;
- B) That receipt of this report be confirmed by resolution of Regional Council; and
- C) That a copy of this resolution be forwarded to the Ontario Ministry of the Environment, Conservation and Parks' York-Durham District Office to indicate the conditions of Schedule 22 of Ontario Regulation 170/03 have been fulfilled.

CARRIED

B) Agreement with Metrolinx for the Construction of Bridge Modifications Associated with the Electrification of the GO Metrolinx Network on Bridges, within the Regional Municipality of Durham (2020-W-18)

Report #2020-W-18 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(27) That we recommend to Council:

- A) That the Regional Municipality of Durham be authorized to enter into an agreement with Metrolinx for the construction of bridge modifications associated with the Electrification of the GO Metrolinx Network subject to terms and conditions satisfactory to the Commissioner of Works and the Regional Municipality of Durham's solicitors; and
- B) That the Regional Chair and Clerk be authorized to execute the agreement.

CARRIED

C) Amendments to Gross Vehicle Weight – Bridges By-Law #42-2019 (2020-W-19)

Report #2020-W-19 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(28) That we recommend to Council:

- A) That Corporate Services – Legal Services be directed to prepare an amending by-law to amend By-Law #42-2019, generally in the form included as Attachment #1 to Report #2020-W-19 of the Commissioner of Works, for presentation to Regional Council for passage; and
- B) That staff be authorized to take all steps required and necessary to give effect to the amendments contemplated to By-Law #42-2019 as indicated in the form included as Attachment #1 to Report #2020-W-19.

CARRIED

D) Acquisition of Property for the Harmony Road (Regional Road 33) Widening Project, in the City of Oshawa (2020-W-20)

Report #2020-W-20 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(29) That we recommend to Council:

- A) That authority be granted to the Regional Municipality of Durham to enter into an agreement pursuant to s.30 of the Expropriation Act and advance compensation for the required lands as follows:

John Edwin Geisberger	1735 Harmony Road North Part of Lot 4, Concession 4 being part of PIN 16272-0011 shown as Part 4 on 40R-29984 City of Oshawa	\$85,000
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- B) That additional costs related to the completion of the s.30 Agreement including interim legal, appraisal and land transfer costs be approved as obligated under s. 32 of the Expropriations Act be paid. Such costs will be reviewed by the Region's solicitor to determine that they are reasonable prior to payment;
- C) That financing for the acquisition be provided from the funds allocated in the approved project budget, with a recovery of \$52,530 from the City of Oshawa; and
- D) That the Regional Chair and Clerk be authorized to execute all documents associated with the agreement.

CARRIED

- E) Award of Request for Proposal #1118-2019 for Engineering Services for the Preliminary and Detailed Design of the Zone 2 Watermain on William Jackson Drive and Taunton Road from Earl Grey Avenue to Ravenscroft Road in the City of Pickering and the Town of Ajax (2020-W-21)

Report #2020-W-21 from S. Siopis, Commissioner of Works, was received.

In response to a question, staff advised that this new watermain will provide system security for the water distribution in the area.

Moved by Councillor Barton, Seconded by Councillor Smith,
(30) That we recommend to Council:

- A) That Request for Proposal #1118-2019 be awarded to The Municipal Infrastructure Group Ltd. (TMIG), a T.Y. Lin International Company, for engineering services for the preliminary and detailed design of a new watermain on William Jackson Drive and Taunton Road from Earl Grey Avenue to Ravenscroft Road in the City of Pickering and Town of Ajax, at an amount not to exceed \$232,757*; and
- B) That the Commissioner of Finance be authorized to execute the necessary engineering services agreement and any required amendments.
(* before applicable taxes and includes disbursements

CARRIED

- F) Approval to Award Sole Source Agreement N-656-2019 Maintenance Service and Supply of Spare Parts for Alfa Laval Centrifuges at the York-Durham Duffin Creek Water Pollution Control Plant, in the City of Pickering (2020-W-22)

Report #2020-W-22 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(31) That we recommend to Council:

- A) That the Regional Municipality of Durham enter into a sole source agreement with Alfa Laval Inc. for preventative maintenance and supply of spare parts on an as required basis effective in April 2020 for a term not to exceed five (5) years at an estimated total contract value of \$583,199* for a period of five years with the Regional Municipality of Durham's share determined annually based on the proportionate utilization of each Region, currently estimated at a five year total of \$110,050*, which is to be funded from the annual Duffin Creek operating budget; and
- B) That the Commissioner of Finance be authorized to execute the necessary documents related to this sole source agreement.

(*) before applicable taxes
CARRIED

- G) Servicing Agreement with CSH Ballycliffe Lodge Inc., Including Cost Sharing in Accordance with the Region Share Policy for Regional Services, for the Extension and Oversizing of a Sanitary Sewer Located Within an Easement on 70 Station Street, in the Town of Ajax (2020-W-23)
-

Report #2020-W-23 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(32) That we recommend to Council:

- A) That the Regional Municipality of Durham be authorized to enter into a servicing agreement with CSH Ballycliffe Lodge Inc. including cost sharing in accordance with the Regional Municipality of Durham's Share Policy for Regional Services, for the extension and oversizing of a sanitary sewer located within an easement on 70 Station Street, in the Town of Ajax, at an estimated cost of \$116,600;
- B) That financing for the servicing agreement be provided from the following Regional sources:

Developer's Share – Sanitary Sewer

CSH Ballycliffe Lodge Inc.	\$33,300
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Regional Costs – Sanitary Sewer

2020 Sanitary Sewerage System

Item #29 – Allowance for Regional share for works in conjunction with residential development (M2010)

Residential Development Charge Reserve Fund	\$61,475
Commercial Development Charge Reserve Fund	\$3,832
User Rate	<u>\$17,993</u>
Total Regional Costs	\$83,300
Total Project Financing – Sanitary Sewer	<u>\$116,600</u>

- C) That the Regional Chair and Clerk be authorized to execute any necessary documents or agreements.

CARRIED

- H) Servicing Agreement with the Municipality of Clarington that Includes an Endeavour to Collect Clause for the Construction of Local Watermains and Sanitary Sewers in Conjunction with a Municipality of Clarington Road Project to Service Existing Industrial Lands on Courtice Court, in the Municipality of Clarington (2020-W-24)
-

Report #2020-W-24 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor Barton, Seconded by Councillor Smith,
(33) That we recommend to Council:

- A) That the Regional Municipality of Durham be authorized to enter into a servicing agreement with an Endeavour to Collect clause with the Municipality of Clarington for the construction of a 300 millimetre watermain and 200 millimetre sanitary sewer subject to the following conditions:
- i) The costs for the design, construction and inspection of the watermain and sanitary sewer will be borne fully by the Municipality of Clarington;
 - ii) The normal requirement for posting a letter of credit for 100 per cent of the cost of Regional Municipality of Durham works as security for the Servicing Agreement be waived; and
 - iii) The Regional Municipality of Durham approves the design and inspects the works prior to the acceptance of the sanitary sewer and watermain.
- B) That the Regional Chair and Clerk be authorized to execute any necessary documents or agreements.

CARRIED

8. **Advisory Committee Resolutions**

There were no advisory committee resolutions to be considered.

9. **Confidential Matters**

9.1 Reports

- A) Confidential Report of the Commissioner of Works – Proposed or Pending Acquisition or Disposition of Land for Regional Corporation Purposes as it Relates to the Purchase of Lands Required for the Bus Rapid Transit Project, in the City of Pickering (2020-W-17)
-

Confidential Report #2020-W-17 from S. Siopis, Commissioner of Works, was received.

Moved by Councillor McLean, Seconded by Councillor John Neal,
(34) That we recommend to Council:

That the recommendations contained in Confidential Report #2020-W-17 of the
Commissioner of Works be adopted.

CARRIED

- B) Confidential Report of the Commissioner of Works – Litigation or Potential
Litigation, Including Matters Before Administrative Tribunals, Affecting the
Regional Corporation, with Respect to Settlement Agreement for a Claim Under
Section 13(1) of the Expropriations Act, R.S.O. 1990, c. E.26, Related to the
Expropriation of Lands in the Clarington Energy Business Park, in the Municipality
of Clarington (2020-W-25)

Confidential Report #2020-W-25 from S. Siopis, Commissioner of Works, was
received.

Moved by Councillor McLean, Seconded by Councillor John Neal,
(35) That we recommend to Council:

That the recommendations contained in Confidential Report #2020-W-25 of the
Commissioner of Works be adopted.

CARRIED

10. Other Business

- 10.1 Request for a Confidential Verbal Update, re: personal matters about an
identifiable individual

Discussion ensued regarding the merits of going into closed session.

It was the consensus of the Committee to recess for 5 minutes.

Committee recessed at 10:14 AM and reconvened at 10:20 AM

Moved by Councillor John Neal, Seconded by Councillor McLean,
(36) That the meeting be closed to the public in order to consider personal
matters about an identifiable individual.

CARRIED

(Refer to the Closed Meeting Minutes of March 4, 2020)

Chair Mitchell advised that during the closed meeting session staff responded to
questions related to personal matters about an identifiable individual.

10.2 Durham Water Week

Chair Mitchell advised that Durham Water Week will be held March 22, 2020 to March 28, 2020. He also advised that Durham Region will be lighting up the Regional headquarters building in blue every night of the week.

Chair Mitchell further advised that the Works Department has partnered with the Town of Ajax and the Toronto and Region Conservation Authority (TRCA) to host a special evening screening of the documentary Brave Blue World on March 25, 2020 at the St. Francis Centre in the Town of Ajax at 7:00 PM.

10.3 Durham Vision Zero Task Force Update

Councillor Crawford provided an update from the Durham Vision Zero Task Force. She advised that signage for the automated speed enforcement and red-light camera programs have been posted and will be posted for 90 days before implementation. She also advised that she attended a session on Complete Roads that highlighted a Vision Zero Pop-Up that occurred on the Danforth, and she brought this idea back to the Durham Vision Zero Task Force.

Councillor Crawford further advised that the Durham Regional Police Service (DRPS) also sit on the Durham Vision Zero Task Force and they recently held a distracted driving blitz where they waited until a streetlight turned red, then would walk up behind the cars. She advised that over 300 tickets were issued, and that Durham Regional Police would like continued support from the Region with respect to signage and social media messaging advising against distracted driving.

Councillor Barton questioned whether emergency vehicles would be ticketed through the Automated Speed Enforcement and Red-Light Camera programs. S. Siopis advised that she would follow-up with R. Jagannathan to find out more information and follow-up with him directly.

11. **Date of Next Meeting**

The next regularly scheduled Works Committee meeting will be held on Wednesday, April 8, 2020 at 9:30 AM in Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby.

12. **Adjournment**

Moved by Councillor John Neal, Seconded by Councillor Smith,
(38) That the meeting be adjourned.

CARRIED

The meeting adjourned at 10:44 AM

Respectfully submitted,

D. Mitchell, Chair

S. Penak, Committee Clerk

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: 2020-WR-2
Date: June 3, 2020

Subject:

Recycling Material Markets Update and Sole Source of Glass Processing with Nexcycle Canada Limited

Recommendation:

That the Works Committee recommends to Regional Council:

- A) That the markets update on the Regional Municipality of Durham's Blue Box program be received for information; and
 - B) That the Regional Municipality of Durham continue recycling its Blue Box mixed broken glass with Nexcycle Canada Limited, on a single source, month-to-month basis, until a longer term contract can be secured with Nexcycle Canada Limited or an alternate glass recycling market, with funding provided from the approved 2020 and future Solid Waste Management Business Plans and Budget; and
 - C) That the Commissioner of Finance be authorized to execute any agreements necessary for the recycling of mixed broken glass with Nexcycle Canada Limited.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to provide a market update on the Regional Municipality of Durham's (Region) Blue Box recycling program and to seek authority to continue recycling Blue Box glass with Nexcycle Canada Limited

(Nexcycle), on a without contract basis, until the company can enter into glass recycling contracts again, or staff can secure an alternate glass recycling market.

2. Background

- 2.1 The Region recycles about 42,000 tonnes of paper, plastic, metal and glass products and packaging annually through the Blue Box recycling program under the requirements of Ontario Regulation (O. Reg.) 101/94: Recycling and Composting of Municipal Waste under Environmental Protection Act, R.S.O. 1990, c. E.19.
- 2.2 As reported to Regional Council in Reports #2018-INFO-19 and #2018-INFO-75 (Attachment #1), the China National Sword Policy is impacting recycling programs across the globe. Under this initiative, China no longer accepts many classes of materials, such as plastics and mixed paper for recycling and is enforcing a very strict contamination rate of 0.5 per cent for the recyclable materials that it does accept.
- 2.3 More recently, the COVID-19 pandemic has shuttered schools and businesses and required many residents within the Region to stay at home. This has resulted in increases in Blue Box recycling tonnages when compared to the same period in previous years. When combined with the many COVID-19 related recycling market closures, a further decline in recycling revenues is expected. Staff is monitoring how this will impact on 2020 tonnage and budget impacts.

3. General Market Analysis

- 3.1 The contamination standards set by China are extremely difficult for most North American recycling markets to meet. This has created a backlog of material inventory in North American recycling markets and a deterioration in material valuations, primarily affecting newsprint and mixed paper.
- 3.2 USA/Canada trade and other market issues have also impacted the other commodities, such as steel and glass. Consequently, the Region and most other Ontario municipalities are experiencing declining revenues or challenges to market these materials.

3.3 Staff is monitoring the markets and the Region continues to move all commodities. However, a downward pricing trend that started in 2018 continues and some revenue streams have turned into costs. Going forward, continued marketability of materials will be difficult as mills and end markets have increased unsold inventory and production limitations.

4. Sole Source Award Contract Award to Nexcycle

4.1 The Region collects assorted glass bottles and jars of all colours in the Blue Box as a single mix. The sorting process at the recycling facility, located in the Town of Whitby, then breaks all glass containers into small pieces to empty them of their contents. The final product is known in the recycling industry as “Mixed Broken Glass.” The nature of this material mix makes it increasingly difficult to market and it is unacceptable to most glass markets. There is only one Ontario company, Nexcycle, located in Brampton, Ontario, that is currently accepting Ontario’s Blue Box mixed broken glass.

4.2 The Region previously contracted with Nexcycle under contract #T-520B-2014. The original term was for four six-month terms with the option to renew for two additional six-month terms.

4.3 Contract #T-520B-2014 ended in 2018 after which the Region operated on six-month sole source extensions. In October 2019, a downturn in the glass market and other issues forced Nexcycle to put its customers on notice that it can no longer enter into recycling contracts and may be forced to stop accepting glass completely, without notice, until it can reduce its on-site inventory. The Region has been operating without contract since then and requires Regional Council authority to continue operating under this sole source arrangement until Nexcycle is able to enter into recycling contracts again or until an alternate glass recycling market can be established.

5. Financial Implications

5.1 Tables 1 and 2 summarize the Region’s Blue Box performance and trends from 2014 to 2019. While, both tonnage and revenues have decreased over the last six years the decrease in revenues is significant.

Table 1: Blue box materials marketed tonnage 2014 – 2019 (estimated)*

	2014 (tonnes)	2015 (tonnes)	2016 (tonnes)	2017 (tonnes)	2018 (tonnes)	2019 tonnes)*
Newsprint	25,267	24,466	24,083	23,970	22,383	21,737
Cardboard	6,390	5,931	6,347	7,190	7,567	7,174
Mixed Papers	2,040	1,911	1,587	1,214	1,648	465
Steel Containers	1,665	1,611	1,560	1,479	1,260	1,221
Aluminum	577	610	676	632	655	675
#1 PETE Plastics	2,675	2,972	2,759	2,433	2,973	3,002
#2 HDPE Plastics	618	723	691	609	430	460
Paper Cartons	460	467	389	277	235	308
Mixed Plastics	1,562	719	1,101	1,187	1,447	1,394
Scrap metal	55	85	81	116	133	144
Glass	5,121	4,596	4,501	4,284	4,548	4,693
Total Tonnage	46,430	44,091	43,775	43,391	43,279	41,273

Table 2: Blue box materials revenues 2014 – 2019 (estimated)

	2014 (\$)	2015 (\$)	2016 (\$)	2017 (\$)	2018 (\$)	2019 (\$)*
Newsprint	1,134,820	1,095,329	1,336,933	1,324,196	-243,681	-672,116
Cardboard	922,569	884,039	1,048,680	1,704,131	1,073,423	725,106
Mixed Papers	115,143	134,030	134,713	136,124	19,332	-910
Steel Containers	532,014	331,503	312,863	412,186	423,042	353,931
Aluminum	1,032,947	982,296	1,122,561	1,163,527	1,243,936	983,568
#1 PETE Plastic	1,048,113	923,360	793,244	992,749	1,377,745	1,145,331
#2 HDPE Plastic	431,188	470,345	387,097	303,108	220,407	204,744
Paper Cartons	46,069	67,862	51,661	13,409	8,120	7,967
Mixed Plastics	109,546	66,508	139,859	70,832	120,502	207,765
Scrap metal	11,037	14,726	13,969	23,556	27,154	18,352
Glass	-34,000	-160,660	-317,840	-218,020	-203,900	-240,394
Total Revenue (excluding glass disposal charge)	5,383,446	4,969,998	5,341,580	6,143,818	4,269,980	2,973,738

*until verified by the Resource Productivity and Recovery Authority

- 5.2 The Region's overall Blue Box revenues peaked at \$6.1 million in 2017 and then dropped by two thirds to \$2.74 million in 2019. Revenues are budgeted at \$3.55 million in 2020. Blue Box revenues are augmented by industry cost sharing funding through Ontario's Resource Productivity and Recovery Authority. For 2020, this cost sharing revenue is estimated at \$5.75 million for a total 2020 Blue Box estimated revenues of \$9.3 million.
- 5.3 COVID-19 has resulted in an initial increase in Blue Box overall tonnages. Of note is a change in the composition of the paper fibre commodities stream, namely a noticeable increase in OCC tonnage and a decrease in ONP and RMP tonnage. Staff is monitoring these changes and their potential budget impacts.
- 5.4 The funding for the recycling of the mixed broken glass is included in the annual Business Plans and Budget for Solid Waste Management.

6. Conclusion

- 6.1 Regional staff continues to monitor recycling markets, the impact of declining revenues on net program costs, the impacts of COVID-19, and new opportunities that may provide economic and environmental benefits to the Region.
- 6.1 Regional staff recommends that the Regional Municipality of Durham continue recycling its Blue Box glass with Nexcycle Canada Limited, on a month-to-month basis, until the company can enter into glass recycling contracts again, or staff is able to secure an alternate market for recycling its Blue Box glass. Staff continues investigating alternate markets, but no sustainable opportunities have yet been found.
- 6.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the recommendations.
- 6.3 For additional information, please contact Gioseph Anello, Acting Director of Waste Management Services, at 905-668-7711, extension 3445.

7. Attachments

Attachment #1: Report #2018-INFO-75

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine Baxter-Trahair
Chief Administrative Officer

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Information Report

From: Commissioner of Works
Report: #2018-INFO-75
Date: May 18, 2018

Subject:

Update on the Status of the Transition to Full Extended Producer Responsibility for the Blue Box Program and Impacts of China's National Sword Campaign on the Blue Box Program

Recommendations:

Receive for information.

Report:

1. Purpose

1.1 The purpose of this report is to provide the Regional Municipality of Durham (Region) Council with an update on the status of the work undertaken over the last year to amend the Blue Box Program Plan to allow for transition to full producer responsibility. This report also provides an update on China's National Sword Campaign and the impact of both of these initiatives on the Region's operations.

2. Background

2.1 The Blue Box program, which is managed by municipalities, was initially funded in three parts equally by municipalities, the Province of Ontario, and industry stakeholders. However, the funding formula for this very successful program was changed by the Province of Ontario (Province) under the Waste Diversion Act (2002) and has since required municipalities and industry to share equally in the net program costs. Through various mechanisms, including Association of Municipalities of Ontario (AMO) Waste Task Force, municipalities have expressed opinion that producers of Blue Box products and packaging should be 100 per cent responsible for the Blue Box program, just as they are in many other jurisdictions.

-
- 2.2 Municipalities and other stakeholders have been advocating for full producer responsibility for the Blue Box Program for a number of years. The current cost-share model reimburses municipalities approximately 50 per cent of the net costs of providing residential blue box services. It is estimated that moving to 100 per cent producer funding for blue box services will save Ontario municipalities approximately \$130 million annually and could save the Region approximately \$5 million net per year
- 2.3 In November 2016, the Waste Diversion Act was repealed and replaced by the Waste-Free Ontario Act. The new legislation proposed transition of the responsibility for the Blue Box Program from the current approximate 50 percent cost sharing model between municipalities and producers to 100 percent cost of the program to be paid by the producers and importers of products and packaging managed by the Blue Box program. This framework, referred to as Extended Producer Responsibility (EPR), transfers program delivery responsibilities entirely to producers. Under this proposed change, producers would be responsible for the entire operation and financial costs of operating the Blue Box Program.
- 2.4 In response to the new legislation, the Association of Municipalities of Ontario (AMO), the Municipal Waste Association (MWA), the Regional Public Works Commissioners of Ontario (RPWCO), and the City of Toronto formed the Municipal Resource Recovery and Research Collaborative (M3RC) to advocate for a timely and smooth transition to EPR and to ensure municipal priorities such as service standards to residents are protected. Regional staff is actively involved in RPWCO and M3RC.
- 2.5 Given the financial and operational complexity of the blue box transition to full producer responsibility, municipalities worked with Stewardship Ontario (SO) to develop common ground on transition principles and together requested the Minister's direction to amend the current Blue Box Program Plan as an interim step to full producer responsibility by 2023. This request was made via a joint letter submitted on July 7, 2017.
- 2.6 On August 14, 2017, the Minister issued a letter to SO directing the organization to work collaboratively with municipalities to develop an Amended Blue Box Program Plan as a first step to full producer responsibility. The amended plan was to be submitted to the Minister for review on February 15, 2018.

-
- 2.7 Given the tight deadline, SO began a condensed consultation process in October 2017 with a draft Amended Blue Box Program Plan released for comment on December 19, 2017. After review, municipalities, service industry and environmental non-government organizations provided comments on the amended plan and, in particular, that the proposed amended plan did not meet the agreed upon transition principles or the Minister's direction and could not be supported.
- 2.8 Regional staff fully participated in the work of the negotiation committee representing municipalities and attended numerous consultations meetings.

3. Current Transition Status

- 3.1 SO did not submit an Amended Blue Box Program Plan as directed by the Minister by the February 15, 2018 deadline. Instead, SO has proposed continued dialogue and enhanced consultation with municipalities and others to continue to work on plan amendments to move the blue box transition forward as the Minister and municipalities intended.
- 3.2 To date, discussions have continued between SO and M3RC. The focus of these discussions has been on whether there is still an opportunity to continue with an Amended Blue Box Program Plan or should the Province proceed directly to a new regulation.

4. Next Steps

- 4.1 Regional staff continues to work with SO and M3RC to seek opportunities and commonality on issues that further the transition of the current blue box model to full producer responsibility. However, given the recent experience with SO and the significant challenges, staff will continue to advocate directly with the Ministry of the Environment and Climate Change (Ministry) on the new extended producer responsibility regulation for printed paper and packaging for implementation by the original transition date of 2023. M3RC members will lead this effort.
- 4.2 As collection and processing contracts approach expiry, staff will continue with procuring contracts that best meet the Region's long term needs. Early termination clauses have been included in some contracts and this will expand to all new contracts to allow for immediate transition to full EPR for blue box materials should regulations be finalized during the term of any contract.

5. Financial Implications

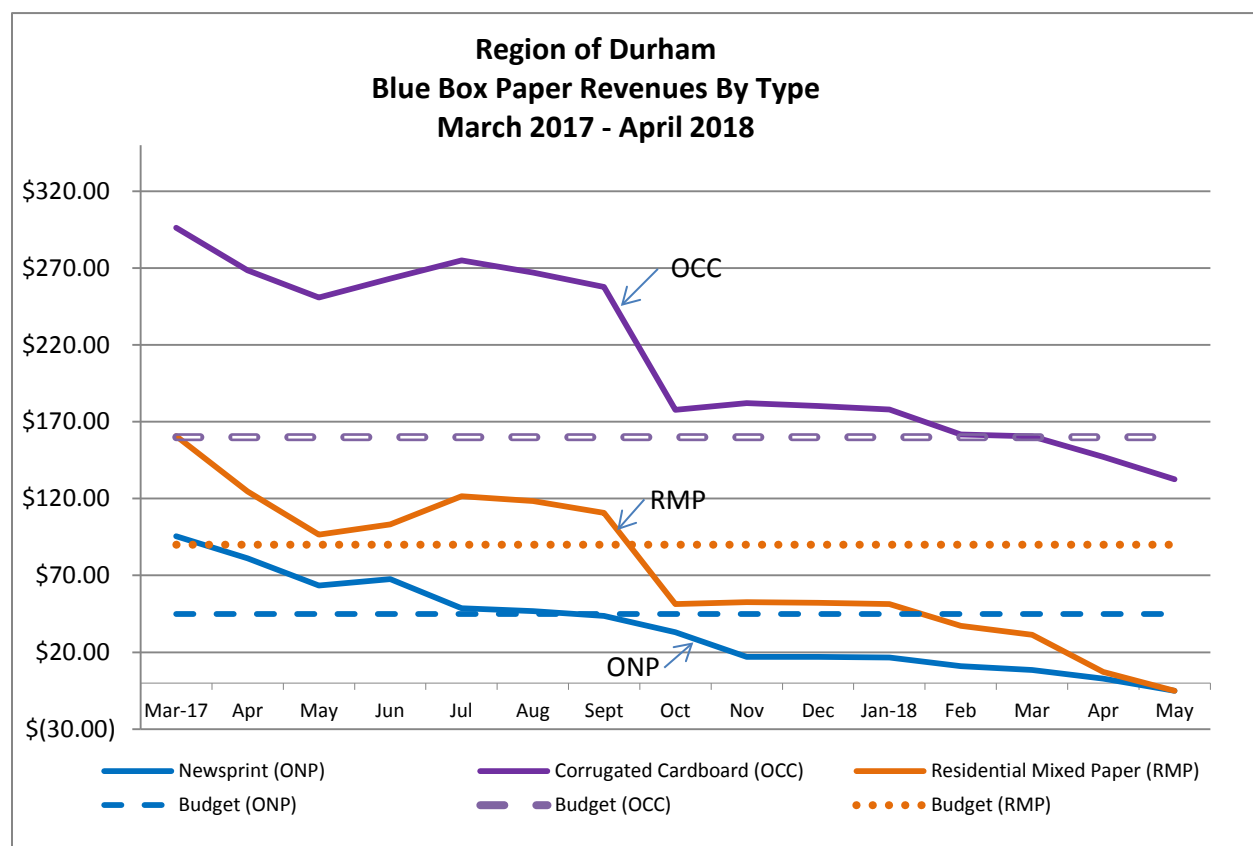
- 5.1 In anticipation of a blue box transition to full EPR starting in 2020, the contract for the operation and maintenance of the Region's Material Recovery Facility (MRF) was extended in 2017 for three additional years (Report #2017-COW-179) and the contract for the collection of recycling, organics and residual waste in the Townships of Uxbridge, Scugog and Brock and the Municipality of Clarington was extended for two years (Report #2018-COW-23).
- 5.2 Under the current regulatory framework, Durham Region will continue to pay approximately 50 per cent of the net costs to manage paper and packaging developed and marketed by producers and bear 100 per cent of the risks of market complexities such as the China's National Sword Campaign and other challenging market conditions.

6. Impacts of China's National Sword Campaign on the Region's Blue Box Recycling Program

- 6.1 As reported to Regional Council in Report 2018-INFO-19 (Attachment #1), the China National Sword Campaign is impacting recycling programs across the globe. Under this initiative, China no longer accepts many classes of materials such as plastics and mixed paper for recycling and is enforcing a very strict contamination rate of 0.5% for the recyclable materials that are accepted.
- 6.2 The contamination standard set by China is virtually unattainable for the majority of North American material recovery facilities using existing technology and this is impacting nearly all mixed paper/newsprint exports to China from North America.
- 6.3 Since the Region markets plastics, aluminum, steel and glass to North American markets, newsprint and mixed paper are the only commodities being impacted by China's National Sword Campaign at this time.

- 6.4 The market price for mixed paper decreased from \$160/tonne in March 2017 to \$31/tonne in March 2018. The market price for newsprint decreased from \$95/tonne to \$8.50/tonne over the same time period.
- 6.5 Although difficult to predict, and given the present market conditions, it is highly unlikely that paper revenue will rebound in 2018 or if the significant price decreases will continue and potentially expand to other commodities.
- 6.6 Table 1 below is a snapshot of the last one year period and illustrates Durham's significant revenue decline resulting from difficult marketing conditions for paper materials collected from the Blue Box program. In particular, the significant decline commenced in October 2017, coinciding with China's full enforcement of the quality standards for materials.

Table 1



- 6.7 The Region may need to pay our existing and limited end markets to take this material in the very near future as other municipalities such as the City of Toronto and Peel and York Regions are now paying a fee to manage these materials, including a "clean-up fee".

-
- 6.8 The priority for the Region is to continue moving this material to end markets for use and avoiding the need to send to disposal.
- 6.9 Storing this paper material in anticipation of a rebound in market pricing is not practicable due to the fire hazard it presents and the deterioration in product quality/color that quickly occurs.
- 6.10 Recent investment in the Material Recovery Facility to upgrade the container line sorting equipment has further improved the facility's sorting capabilities. As a result of these improvements, the Region has been able to continue marketing and moving material to markets due to the high quality and clean material being produced. Continued promotion and education to residents on acceptable items and proper sorting is critical to maintaining the quality of recyclable materials to ensure an end markets and optimum revenues.

7. Conclusion

- 7.1 In light of stalled progress to transition to full extended producer responsibility (EPR) under an Amended Blue Box Program Plan, the Regional Municipality of Durham will maintain a 'business-as-usual' approach with respect to tendering contracts for the collection, processing of blue box material, marketing and market development for blue box materials and undertaking capital upgrades to the Region's aging Material Recovery Facility (MRF). All future blue box related contracts will now include off-ramp provisions or termination clauses that will protect the Regional Municipality of Durham and facilitate timely transition to full extended producer responsibility.
- 7.2 The extra costs which the Regional Municipality of Durham has incurred to date to modify and extend existing collection and processing contracts to prepare for the transition will be reimbursed at approximately 50 per cent by industry funding under the existing Blue Box Program Plan arrangements.
- 7.3 The Regional Municipality of Durham's Blue Box material, collected from the Region's two-stream Blue Box program continues to be among the cleanest in Ontario and is still being sold to local and international recycling end markets.

-
- 7.4 To date, the Regional Municipality of Durham has only been financially impacted negatively on the mixed paper and newsprint recovered from the Blue Box program as a result of the China National Sword Campaign. That said, revenue decreases or other marketing difficulties could begin to impact the Regional Municipality of Durham's ability to move material to end markets as the Chinese import restrictions continue and possibly expand.
- 7.5 Regional staff will continue to pursue alternative market opportunities for Durham's Blue Box material and was recently approached by some companies to investigate the potential to use residuals from the material recovery facility for energy and cement production.
- 7.6 Finally, in light of the above, it is critical that the Regional Municipality of Durham continue its residential and school recycling education programs to ensure maximum participation and material quality.
- 7.7 Staff will continue to provide updates to Regional Council as more information becomes available.

8. Attachments

Attachment #1: Impact of China National Sword Import Policy Change for Mixed Paper and Other Recyclables, Report #2018-INFO-19

Respectfully submitted,

Original signed by

S. Siopis, P.Eng.
Commissioner of Works

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Information Report

From: Commissioner of Works
Report: #2018-INFO-19
Date: February 2, 2018

Subject:

Impact of Chinese National Sword Import Policy Change for Mixed Paper and Other Recyclables

Recommendation:

Receive for information.

Report:

1. Purpose

1.1 This report provides an update on China's 'National Sword 2017' campaign to cut the illegal smuggling of 'foreign waste' and other products, and, at the same time, strictly enforce a policy of not accepting shipments of certain recyclables if they exceed set contamination limits.

2. Background

2.1 In recent years, Chinese processors paid the highest price for recycled newsprint. This has attracted brokers that purchase from the Regional Municipality of Durham (Region), and most other municipalities, and focus paper shipments to China causing the closure of many North American and European end-market mills.

2.2 In July 2017, the Chinese government's National Sword Campaign banned certain waste materials from being imported and imposed a strict new limit of 0.3 per cent contamination for all remaining recyclables imported into China.

2.3 The import of recyclable material that was overly contaminated had previously been the subject of Chinese government intervention. In 2013, China implemented a program known as Operation Green Fence, which was an aggressive inspection effort to lower the amount of contaminated recyclables and waste being sent to China.

- 2.4 The new 'National Sword' standard for recyclable materials is not attainable for a majority of North American material recovery facilities using existing technology, and has virtually impacted all newsprint exports to China from North America. Although the new contamination limits are imposed on an assortment of recyclable materials marketed to China, the Region is only affected by the limits placed by China on newsprint because the Region's plastics, aluminum, steel and glass are currently marketed to North American markets.

3. Discussion

- 3.1 The impact of this change to the Region's diversion program is significant as newsprint currently accounts for over 50 per cent of the material processed at the Region's Material Recovery Facility (MRF). The MRF recovers approximately 500 tonnes of newsprint weekly, representing 24,000 tonnes annually. This situation is not unique to the Region, as the new contamination limit on recycled newsprint exported to China impacts all material recovery facilities across North America and Europe. The amount of waste newsprint generated in Canada is a fraction of that generated in the US and Europe also destined to China.
- 3.2 The potential loss of newsprint markets impacts operating costs. Prior to the changes in Chinese recycling quality standards, newsprint was generating approximately \$40 per metric tonne in revenues.
- 3.3 In 2017, the Region budgeted approximately \$1.0 million in newsprint revenues. To date, actual revenues have kept on pace with the budget.
- 3.4 The Region's paper revenue may decline in 2018 as the negative impacts on newsprint revenue from the 'National Sword' campaign are just beginning to emerge. An estimation of the decline is not possible at this time.
- 3.5 The Regional Municipality of York (York) staff recently advised their Council that the following contingencies have been developed for newsprint generated from York's Blue Box Program: 1) Move as much as possible - even if there is a cost involved; 2) Store material as space permits without creating a fire hazard, and; 3) Ship material to contracted energy from waste facilities (excluding the Durham York Energy Facility).
- 3.6 Regional staff is also taking steps to minimize negative impacts of China's new policy, including having its MRF contractor reassign staffing to maximize removal of contamination from newsprint. Although the Region produces clean paper, the stringent 0.3 per cent contamination rate established under the China 'National Sword' standards are virtually impossible to meet for any municipal processor of Ontario's Blue Box materials.

-
- 3.7 Canada Fibers Inc., the Region's contractor for marketing newsprint (and the only firm that has bid on our newsprint material) has a processing facility in Oshawa where they are able to undertake a secondary clean up of the material, at their cost, to attempt to meet the new stringent Chinese import standards.
- 3.8 The Region will be working with Canada Fibers Inc. to ensure continued movement of paper to end markets, at the lowest net costs, to ensure minimal disruption of Blue Box service.
- 3.9 It is expected that the revenue generated from newsprint may decline through 2018 and, depending on other "cleaner" and competing waste newsprint feed stocks from other sources around the world, there may be a net cost to move newsprint to end markets. This is not new; in 1988, a series of events caused by over-supply, mills on strike, and mill closures resulted in many municipalities paying to move materials to end markets.
- 3.10 More recently, in 2008, the significant global market downturn resulted in the loss of some key end markets for recyclable materials and caused significant problems to move materials to end markets and declining revenues for recyclable materials.
- 3.11 In 2018, Regional staff is projecting growth in revenues for steel, aluminum and cardboard. This revenue growth may offset any declining revenues in newsprint.

4. Conclusion

- 4.1 The potential impact of this change to the Region's diversion program is significant as newsprint currently accounts for over 50 per cent of the material processed at Durham Region's Material Recovery Facility. It is expected that the revenue generated from newsprint may decline through 2018 but may be offset by growth of revenues in steel, aluminum and cardboard.
- 4.2 At this time, Blue Box collection and processing operations have not been disrupted by the Chinese policy change.
- 4.3 Staff will continue to monitor this developing situation and work with other municipalities and our contractors, to identify alternative marketing opportunities and help minimize any negative service impacts to the Region.

Respectfully submitted,

Original signed by

Susan Siopis, P.Eng.
Commissioner of Works



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-27
Date: June 3, 2020

Subject:

Subdivision Agreement with Smooth Run Developments Inc. or Brookfield Residential (Ontario) Limited to allow the Construction of a Temporary Water Booster Pumping Station in Newcastle, in the Municipality of Clarington

Recommendation:

That the Works Committee recommends to Regional Council that:

- A) That the Regional Municipality of Durham be authorized to enter into a Subdivision Agreement with Smooth Run Developments Inc. or Brookfield Residential (Ontario) Limited to construct a temporary water booster pumping station in Newcastle, in the Municipality of Clarington at the sole cost and expense of Smooth Run and Brookfield for the installation and removal of the temporary water booster pumping station required to service lands to advance the initial phases of the North Village plans of subdivision; and
 - B) The Regional Chair and Clerk be authorized to execute any necessary documents or agreements.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to seek Regional Council approval to enter into a Subdivision Agreement with Smooth Run Developments Inc. (Smooth Run) or Brookfield Residential (Ontario) Limited (Brookfield) to construct a temporary water booster pumping station in Newcastle, in the Municipality of Clarington (Clarington), at no cost to the Regional Municipality of Durham (Region).

2. Background

- 2.1 Smooth Run and Brookfield are located within the North Village Secondary Plan in Newcastle. These lands are located within the future Zone 2 water pressure boundary however the lands are located near the north limit of the Zone 1 water pressure boundary.
- 2.2 Smooth Run and Brookfield have requested that the development of a portion of their draft plans of subdivisions advance ahead of the establishment of the Zone 2 water pressure system.
- 2.3 In order for the balance of the Smooth Run and Brookfield plans of subdivisions to proceed, a Zone 2 pumping station is required at the same location as a proposed Zone 1 reservoir. The Environmental Assessment for these two projects is ongoing and the construction financing for these two projects is currently forecasted for 2021.
- 2.4 Smooth Run and Brookfield have determined that that it would be commercially expedient to construct a temporary booster pumping station within one of their plans of subdivisions and have requested permission to construct it through a Regional Subdivision Agreement required for the first phase of one of their developments, at no cost to the Region as outlined in their correspondence dated April 23, 2020 (Attachment #1).
- 2.5 As Smooth Run and Brookfield have determined that this approach is to their financial advantage, they will not be seeking any Development Charge credits against these costs. These terms will be formalized in a subdivision agreement.
- 2.6 Staff have standing authority to enter into a subdivision agreement with developers provided that the agreement adheres to the standard agreement form. Significant changes would be required to the standard subdivision agreement to facilitate this request and as such, Regional Council approval is required.
- 2.7 All other requirements of the Regional subdivision agreement will be in place, including the Regional inspection requirements and the two-year infrastructure maintenance period. In addition to the standard letters of credit required for subdivision agreements, we would also require posting of a letter of credit for 100 per cent of the cost of the temporary pumping station.

3. Regional Infrastructure

- 3.1 In addition to the normal sanitary sewer works and water supply works typical of a residential subdivision, Smooth Run or Brookfield would be responsible for the design and construction of a temporary booster pumping station within a plan of subdivision.
- 3.2 The temporary booster pumping station will be designed to the Region's satisfaction and will include a check valve connected to water pressure Zone 1. Smooth Run and Brookfield's engineer will be required to demonstrate to the Region's satisfaction that limited domestic supply and adequate fire protection can be provided to their initial phase of their plan of subdivision from Zone 1, in the event of a power failure at the station.
- 3.3 The Region will operate the temporary station. Once the Zone 2 Pumping Station is constructed by the Region, the temporary station will be abandoned. As per the terms of the agreement, Smooth Run or Brookfield will be required to remove the temporary pumping station at their expense. Smooth Run or Brookfield will be motivated to remove the station as it will be occupying one or more lots on their plan of subdivision which they cannot sell until the temporary station is removed. The exact lot(s) this will be constructed on has not yet been determined and could be in either plan of subdivisions. The station will be included in the subdivision agreement containing these lot(s) and could be either Smooth Run or Brookfield. Finally, the Region will secure 100 per cent of the estimated cost for the removal of the pumping station and will release this security separately from the balance of the securities in the agreement, only after the pumping station is removed to the Region's satisfaction.

4. Financing

- 4.1 There are no financial implications to the Region at this time.

5. Conclusion

- 5.1 It is recommended that Regional Council enter into a Subdivision Agreement with Smooth Run Developments Inc. or Brookfield Residential (Ontario) Ltd. containing the foregoing provisions.
- 5.2 This report has been reviewed by Legal Services – Corporate Services.
- 5.3 For additional information, please contact Mike Hubble, Development Approvals, at 905-668-7711, extension 3460.

6. Attachments

Attachment #1: Correspondence from Smooth Run Developments Inc. and Brookfield Residential (Ontario) Ltd. dated April 23, 2020 re: Request for Approval of Developer Funded Temporary Water Booster Station

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine C. Baxter-Trahair
Chief Administrative Officer



1600 STELLAR DRIVE, SUITE 402
WHITBY, ONTARIO L1N 9B2
T: (289) 315-3680

April 23, 2020

Regional Municipality of Durham
605 Rossland Road East
Whitby, Ontario L1N 6A3

Attention: Mr. Paul Gillespie, P.Eng.
Manager, Development Approvals Division

Dear Sir:

**Re: North Village Subdivision
Request for Approval of Developer Funded
Temporary Water Booster Station
Draft Plan of Subdivisions S-C-2005-03 & S-C-2005-04
Municipality of Clarington
Our Project No. E19044**

Further to our recent discussions with staff from the Region of Durham and the Municipality of Clarington, we offer the following request for the Region's consideration.

Smooth Run Developments Inc. and Brookfield Residential (Ontario) Limited (the 'Developers') are owners of the draft plan approved subdivisions in the area known as North Village, located in Newcastle. The subdivisions are bound by North Street (Regional Road 17) to the west, CP Railway Allowance to the south and Arthur Street to the east. The development area straddles the north limit of the Zone 1 water pressure boundary.

The Developers will be working together to build Phase 1 of their draft plans accordingly. The first phase of development will require a booster station, as well as any subsequent phases until such time that the Region's new Zone 1 reservoir and Zone 2 pumping station are constructed and operational.

Consequently, the Developers are prepared to construct a temporary water booster station at their sole cost to advance the first and any subsequent phases of the development. This temporary booster station is proposed to be sized to increase the service elevation to a minimum of 121.50m ASL. We are proposing that this booster station be installed on a temporary basis along Street A either on Lot 229 or 402 as illustrated on the attached Drawing DP-8.



Page 2
April 23, 2020
Regional Municipality of Durham
Mr. Paul Gillespie

We are requesting that the Region of Durham approve our request to construct a temporary water booster station. We understand that the installation of the temporary booster station is a cost being borne by the Developers. We are not seeking recovery for costs related to the temporary infrastructure at this time, however, would like to offer the Region of Durham the opportunity to purchase and/or utilize this temporary booster station at a later date for their benefit.

At this time, the Developers feel that this is a solution that will allow development to proceed prior to the ultimate infrastructure being constructed and operational.

Should you require any further information or clarification in support of our request please do not hesitate to contact the undersigned.

Yours truly,

CANDEVCON EAST LIMITED



Andrew Watson, P.Eng.
Senior Project Manager, Land Development

AW/br

Attch.

cc: Region of Durham, Attn: Mr. M. Hubble
Brookfield Residential (Ontario) Ltd., Attn: Mr. D. Murphy, Ms. J. Haslett,
Smooth Run Development Inc., Attn: Mr. C. Russo, Mr. P. Sacilotto
Candevcon East Limited, Attn: Mr. M. Favit



The Regional Municipality of Durham Report

To: The Works Committee
From: Commissioner of Works
Report: #2020-W-28
Date: June 3, 2020

Subject:

Preliminary and Detailed Design and Construction Administration for the Phosphorous Reduction Action Plan (PRAP) and Outfall Diffuser Improvements at the Duffin Creek Water Pollution Control Plant, in the City of Pickering

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That the selection of Jacobs Canada Incorporated be confirmed to carry out the preliminary and detailed design and construction administration services for the Phosphorous Reduction Action Plan (PRAP) and Outfall Diffuser Improvements project at the Duffin Creek Water Pollution Control Plant at an upset limit of \$1,606,296* with the Regional Municipality of Durham's share of the cost identified as \$321,259.20 which is to be funded from the approved project budget.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to obtain approval for the Regional Municipality of Durham's (Durham) share for professional engineering services from Jacobs Canada Incorporated (Jacobs – formerly CH2M Hill Canada Ltd.) to undertake preliminary and detailed design and construction administration services for the Phosphorous Reduction Action Plan (PRAP) and Outfall Diffuser Improvements project at the Duffin Creek Water Pollution Control Plant (WPCP), in the City of Pickering (Pickering). Dollar amounts followed by an asterisk (*) are before applicable taxes.

2. Background

- 2.1 The Regional Municipality of York (York) and Durham completed a Schedule C Class Environmental Assessment (Class EA) to address outfall limitations at the Duffin Creek Water Pollution Control Plant (WPCP) in 2013.
- 2.2 The Class EA recommended optimizing the existing secondary treatment process at the Duffin Creek WPCP to enhance phosphorous removal, and to upgrade the outfall diffusers to enhance discharge mixing.
- 2.3 Subsequently, the Regions completed a Phosphorous Reduction Action Plan (PRAP) study and plant testing was completed between April 2016 to 2017. The study identified specific optimization implementation strategies.
- 2.4 On November 7, 2019, the Minister of Environment, Conservation and Parks (MECP) made a decision on the Outfall Class EA to concur with the recommendations within the associated studies.
- 2.5 Works Committee Report #2013-W-46 previously authorized the award of the Class EA support activities (Stages 2 and 3 respectively) to Team Duffin Creek (Jacobs – formerly CH2M Hill Canada Ltd.).
- 2.6 In order to expedite the implementation of the project and based on the extensive knowledge of Jacobs, York Council authorized the execution of a change order under their existing engineering services contract P-10-99 for this project.

3. Financial Implications

- 3.1 The project will be cost shared based on typical average utilization by both Regions for the detailed design and construction administration work as follows:

Region	Cost Splits	Upset Limit*
Durham	20%	\$321,259.20
York	80%	\$1,285,036.80
Total	100%	\$1,606,296

- 3.2 Durham's share for the preliminary and detailed design and construction administration services can be accommodated within the prior funding approved in the Sanitary Sewerage Capital Budget:

Project	Total Approved Budget	Upset Limit*
Duffin Creek Outfall (Y0802)	\$3,505,000	\$130,511.55
Phosphorous Optimization Implementation Plan (Y1902)	\$310,000	\$190,747.65
Durham's Total Share	\$3,815,000	\$321,259.20

4. Conclusion

- 4.1 It is recommended that the Regional Municipality of Durham confirm the authorization of Jacobs Canada Incorporated (formerly – CH2M Hill Canada Ltd.) to carry out the preliminary and detailed design and construction administration services for the Phosphorous Reduction Action Plan (PRAP) and Outfall Diffuser Improvements project at the Duffin Creek Water Pollution Control Plant at an upset limit of \$ 1,606,296* with the Regional Municipality of Durham's share of the cost identified as \$321,259.20*.
- 4.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the recommendation.
- 4.3 For additional information, please contact Brad Dobson, Project Manager, Plant Operations, at 905-668-7711 ext. 4297.

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine C. Baxter-Trahair
Chief Administrative Officer

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: 2020-W-30
Date: June 3, 2020

Subject:

Grade Separation Rehabilitation Agreement with the Canadian Pacific Railway for the Rehabilitation of the Simcoe Street (Regional Road 2) Canadian Pacific Railway Underpass, in the City of Oshawa

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That the Regional Municipality of Durham be authorized to enter into a Grade Separation Rehabilitation Agreement with the Canadian Pacific Railway for the rehabilitation of the Simcoe Street (Regional Road 2) Canadian Pacific Railway Underpass at Mileage 154.72 Havelock Subdivision, in the City of Oshawa; and
 - B) That the Regional Chair and Clerk be authorized to execute the agreement.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to seek Regional Municipality of Durham (Region) Council approval to enter into a Grade Separation Rehabilitation Agreement with the Canadian Pacific Railway (CPR) for the rehabilitation of the Simcoe Street (Regional Road 2) CPR Underpass.

2. Background

- 2.1 The approved 2020 Roads Capital Budget identifies rehabilitation of the Simcoe Street (Regional Road 2) CPR Underpass as a 2020 project. The current Bridge

Condition Index (BCI) for the structure rates it to be in 'Poor' condition. Construction is scheduled to commence this Summer with costs estimated to be \$483,000. The rehabilitation work will include repair of deteriorated, spalled and delaminated concrete on the bridge abutments. The guide rail along the abutments will also be replaced with a concrete safety shape barrier.

- 2.2 Order Number 90684 of the Board of Transport Commissioners for Canada, dated January 15, 1957, defines the obligations of CPR and the Region for constructing and maintaining the existing structure. The Order specifies that CPR is responsible for all future maintenance costs of the bridge superstructure, and the Region is responsible for all future maintenance costs for the remainder of the structure.
- 2.3 The Grade Separation Rehabilitation Agreement outlines the responsibilities of each of the parties involved with the project, including: requirements for railway operations, regulatory requirements and approvals, commencement of construction, road authority work, CP work, utility and crossings agreements, rehabilitation completion, insurance terms, dispute resolution mechanisms, and other requirements for apportionment of costs and approvals.

3. Conclusion

- 3.1 It is recommended that the Regional Municipality of Durham enter into a Grade Separation Rehabilitation agreement with the Canadian Pacific Railway for the rehabilitation of the Simcoe Street (Regional Road 2) Canadian Pacific Railway Underpass at Mileage 154.72 Havelock Subdivision, in the City of Oshawa.
- 3.2 The responsibilities being assigned to the Regional Municipality of Durham for maintaining the existing substructure are typical for this type of crossing and are consistent with the original Board Order. Once executed, the agreement will be filed with the Canadian Transportation Agency for future reference.
- 3.3 The Legal Services Division of the Corporate Services Department has reviewed this report and concurs with the proposed agreement.

3.4 For additional information, please contact Steve Mayhew, Manager, Transportation Infrastructure, at 905-668-7711 extension 3484.

4. Attachments

Attachment #1: Location Map

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine C. Baxter-Trahair
Chief Administrative Officer



Attachment #1 to Report #2020-W-30

First Base Solutions (c) 2019



1:5,000

Simcoe Street CPR Underpass City of Oshawa

**SIMCOE STREET
CPR UNDERPASS**

**The Regional Municipality
of Durham**

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The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-31
Date: June 3, 2020

Subject:

Acquisition of Easement, License Agreement and Construction Agreement for the Liverpool Forcemain Project, in the City of Pickering

Recommendation:

That the Works Committee recommends to Regional Council:

A) That the following easement purchase agreement be approved:

Hydro One Networks Inc.	800 Brock Road Part of Lot 19, Range 3 Broken Front Concession being part of PIN 26327-0123 shown as Parts 1, 2, 3, 4, 5 & 6 on 40R-30766 City of Pickering	\$96,500
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B) That the following three-year license agreement be approved:

Hydro One Networks Inc.	800 Brock Road Part of Lot 19, Range 3 Broken Front Concession being part of PIN 26327-0123 City of Pickering	\$35,100
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C) That a construction agreement for a nominal sum be approved;

D) That financing for the acquisition of easement and license be provided from the

funds allocated in the approved project budget; and

- E) That the Regional Chair and Clerk be authorized to execute all documents associated with the agreements.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to obtain approval for the acquisition of an easement, three-year license agreement and construction agreement from Hydro One Networks Inc. (HONI) at 800 Brock Road (Regional Road 1), in the City of Pickering (Pickering), (Attachment #1) being property identified as a requirement for the Liverpool Forcemain Project.

2. Background

- 2.1 The Regional Municipality of Durham has carried out a Class Environmental Assessment (EA) for the twinning of the Liverpool Forcemain from the Liverpool Road Sewage Pumping Station located at the south end of Liverpool Road to McKay Road and the Duffin Creek Water Pollution Control Plant (WPCP). The proposed sanitary forcemain will be 900 millimetres in diameter and is to be constructed along a 2.3-kilometre alignment.
- 2.2 Securing an easement on the subject property will result in cost savings when compared to construction costs of an alignment within the municipal right-of-way and would be in accordance with the recommended approach from the Schedule B EA that was undertaken. Project cost savings when compared to an alignment through the municipal right-of-way are estimated to be in the range of \$1,500,000 to \$2,000,000.

3. Property Acquisition

- 3.1 The property is located south of Feldspar Court at 800 Brock Road (Regional Road 1) in Pickering. The parent parcel, being 11.040 hectares (27.2800 acres), is improved with HONI's Central Maintenance Stores Facility. The project has the following land requirements:
- A. Easement
- Total easement requirements are 1,764.3 square metres (0.4360 acres) for twinning of a forcemain. There is an existing easement in favour of the

Region for 896.3 square metres (0.2215 acres). The net new easement requirement is 868.0 square metres (0.2145 acres), valued at 75 per cent of the negotiated land value of \$600,000 per acre for total cost of \$96,525, rounded to \$96,500.

B. License Agreement

- A three-year license agreement is required to facilitate and complete the required work outside of the easement area, totaling 1,618.7 square metres (0.4000 acres). Compensation for the license agreement is valued at 75 per cent of the negotiated land value of \$600,000 per acre at 6.5 per cent per year for three years for a total cost of \$35,100.

C. Construction Agreement

- HONI requires a nominal sum construction agreement as part of the project. The construction agreement requires the Region to provide HONI with a schedule for the work, ensure all requirements of HONI are complied with by the Region's contractors, and prescribes safety precautions required while working in the area.

4. Financial Implications

- 4.1 Financing for the easement acquisition and license will be provided from the approved project budget (Project P0503). The total cost of the acquisition is as follows:

Easement:	\$96,500
Three Year license agreement:	<u>35,100</u>
Total Compensation	\$131,600

- 4.2 Compensation for the construction agreement is a nominal sum.

5. Conclusion

- 5.1 The easement acquisition, license and construction agreement from Hydro One Networks Inc. is required for the planned Liverpool Forcemain Project.
- 5.2 This report has been reviewed by Legal Services - Corporate Services.

5.3 For additional information, please contact Jenni Demanuele, Director of Business Services, at 905-668-7711, extension 3456.

6. Attachments

Attachment #1: Location Map – 800 Brock Road, in the City of Pickering

Respectfully submitted,

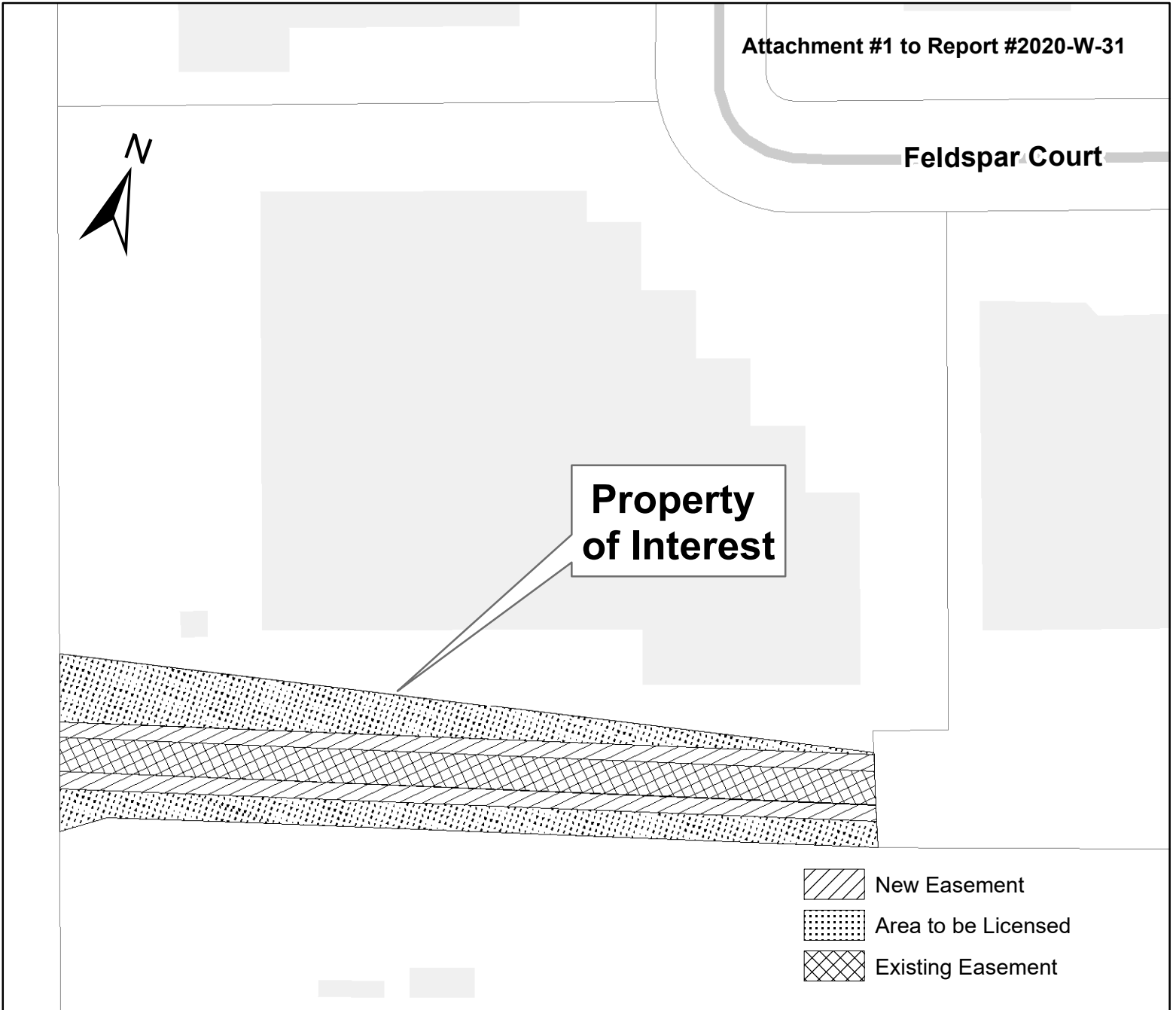
Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

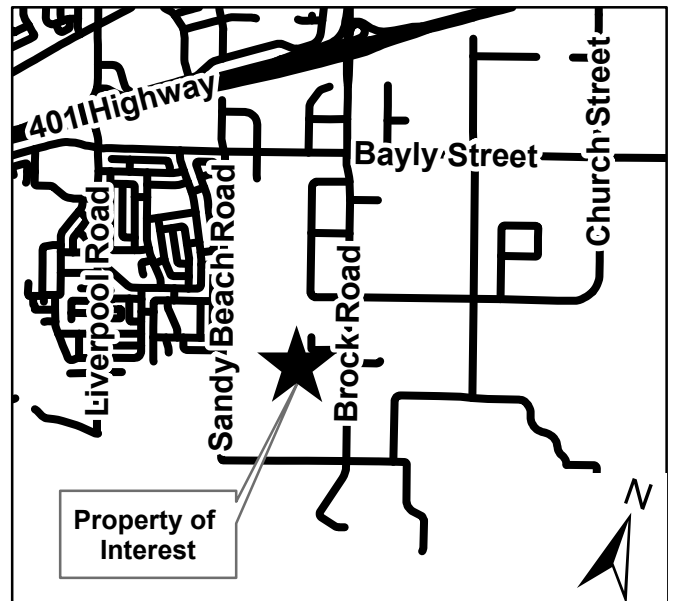
Original signed by:

Elaine Baxter-Trahair
Chief Administrative Officer



Attachment #1 - Location Map

**800 Brock Road
City of Pickering**



GIS Data: Produced by Durham Region, 2019.
 2017 Contours/2017 Drainage/2017 Orthophotography provided by © First Base Solutions Inc.
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If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-32
Date: June 3, 2020

Subject:

Approval to Award the Sole Source Supply of a Liquid Chromatograph with Hybrid Triple Quadrupole/Linear Ion Trap Mass Spectrometer by AB SCIEX LP, for use by the York-Durham Regional Environmental Laboratory, located in the City of Pickering

Recommendation:

- A) That the Regional Municipality of Durham enter into a sole source agreement with AB SCIEX LP for the supply and annual servicing of a Liquid Chromatograph with Hybrid Triple Quadrupole/Linear Ion Trap Mass Spectrometer (LC-MS/MS) for the analysis of contaminants in drinking water at the York-Durham Regional Environmental Laboratory with an estimated total cost of acquisition of \$450,000* and annual servicing costs not to exceed \$43,000* annually for the three year term beginning June 2021 and ending May 2024;
- B) That the cost for the sole source purchase and servicing be shared 50/50 with the Regional Municipality of York, with the Regional Municipality of Durham's share to be funded from the approved York-Durham Regional Environmental Laboratory Business Plans and Budget; and
- C) That the Commissioner of Finance be authorized to execute the necessary documents related to this sole source agreement.

Report:**Purpose**

- 1.1 The purpose of this report is to seek Regional Municipality of Durham (Durham) Council's authorization to execute a sole source agreement with AB SCIEX LP (AB SCIEX) to supply the York-Durham Regional Environmental Laboratory (YDREL) with a Liquid Chromatograph with Hybrid Triple Quadrupole/Linear Ion Trap Mass Spectrometer (LC-MS/MS). Dollar amounts followed by an asterisk (*) are before applicable taxes.

Background

- 2.1 The LC-MS/MS Analytical System is used by the Organic Chemistry Section of the YDREL to determine the concentration of contaminants, including pesticides and PFAS (Per- and polyfluoroalkyl substances), in drinking water samples submitted by the Regional Municipality York (York), local municipalities, Durham, and private clients, as required by the Ontario Safe Drinking Water Act for analysis and investigational/troubleshooting purposes.
- 2.2 The lab is replacing the Gas Chromatography Mass Spectrometry (GC-MS/MS) system that is at the end of its useful life with LC-MS/MS. The need for this replacement results from limited availability of helium gas, which is necessary to operate the GC systems. Additionally, the short supply of the helium gas has resulted in an upward surge in its price in recent years.
- 2.3 In addition, recent changes to the drinking water regulation, Safe Drinking Water Act, require faster analysis and reporting times to ensure safe drinking water is supplied to the various communities. This change is directly affected by the availability of helium gas and the more labour-intensive testing methods currently used by the YDREL. The LC-MS/MS system would allow for faster testing and reporting times.

Sole Source Justification

- 3.1 The Organic Chemistry Section at the YDREL has been using LC-MS/MS systems supplied and manufactured by AB SCIEX since 2008. During this time, the system has proven to be very durable and reliable with service that is prompt and effective. Leveraging Durham's knowledge of the AB SCIEX LC-MS/MS system and the productive working relationship with AB SCIEX, the YDREL can continue

- providing its partners the level of service they expect and need to fulfil the requirements of the Safe Drinking Water Act.
- 3.2 Having identical LC-MS/MS systems would allow the YDREL to benefit from volume savings on expensive consumables and eliminate the need for two different consumable inventories. Also, test methods developed on one system can be used on either system which minimizes delays resulting from increased sample loading and during instrument servicing.
 - 3.3 AB SCIEX's price includes a significant discount of \$30,000 to YDREL with the trade-in of an old instrument. Trading-in the old instrument is the only way to capture any residual value remaining in the instrument compared to disposing of the instrument. Other instrument manufacturers will not accept trade-ins unless it is one of their own instruments.
 - 3.4 There is a steep learning curve associated with learning to operate and maintain an LC-MS/MS system. A minimum of one year of hands-on experience is required for an analyst to become fully proficient on this type of instrumentation. The YDREL analysts have more than 14 years of method development experience using the AB SCIEX instrumentation.
 - 3.5 YDREL analysts are fully qualified to perform routine maintenance and some of the more advanced repairs on the AB SCIEX systems, which minimizes downtime and increases the actual running time of the instrumentation.
 - 3.6 Replacing the AB SCIEX instrumentation with a different vendor's system would require the lab to perform extensive method validation and instrument qualification which could take six months to a year. All of this could only start once the analysts were sufficiently proficient with the new system. This requirement would be a duplication of work that has already been completed using the current AB SCIEX system.
 - 3.7 Accreditation and licensing may be required for the existing test methods if a different manufacturer's instrumentation is selected. The instrument technology and design may differ from that of our existing instrumentation. Accreditation and licensing will add additional cost and time. The instrumentation cannot be used for testing until the accreditation and licensing requirements are met. This could take months depending on the accrediting body's availability to audit the new system and method and applying for licensing by the Ministry of the Environment, Conservation and Parks.

- 3.8 The current laboratory information management system (LIMS) has been developed to work with the AB SCIEX system. A different manufacturer's system would not work with the existing LIMS system without considerable programming changes to the software interface. This change would result in more costs and time.

Financial Implications

- 4.1 Durham's Purchasing By-law #16-2020, Section 7 permits the acquisition of goods and services through sole source negotiations. The by-law also requires approval by the appropriate standing committee and Council for the award of sole source contracts that exceed \$100,000 in value.
- 4.2 AB SCIEX will provide servicing of the LC-MS/MS Analytical System at no additional cost to YDREL until May 2021, after which a servicing fee will apply at an annual cost of \$43,000* for a three-year term beginning June 2021 and ending May 2024. The annual servicing of the equipment by AB SCIEX is expected not exceed ten percent of the cost of the equipment on an annual basis over the ten-year life of the asset. The total cost will be shared 50/50 with York.
- 4.3 The price quoted by AB SCIEX for the purchase of the LC-MS/MS includes a significant discount of \$30,000 to YDREL resulting in a reduced cost of \$450,000*. Financing for the purchase of an LC-MS/MS from AB SCIEX LP at an estimated value of \$450,000* is available within the 2020 approved York-Durham Regional Environmental Laboratory Business Plans and Budget, with the total cost shared 50/50 with York. The annual servicing of the LC-MS/MS will be reviewed prior to the end of the initial warranty for the 2021 budget year.

Conclusion

- 5.1 It is recommended that the sole source supply of a Liquid Chromatograph with Hybrid Triple Quadrupole/Linear Ion Trap Mass Spectrometer to the York-Durham Regional Environmental Laboratory by AB SCIEX LP be approved.
- 5.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the financial recommendations.

5.3 For additional information, please contact Raymond McCurdy, Supervisor, Regional Environmental Laboratory, at 905-686-0041.

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine Baxter-Trahair
Chief Administrative Officer

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-33
Date: June 3, 2020

Subject:

Approval of Unbudgeted Capital Works to be Incorporated into a Servicing Agreement with the Kedron East Landowners Group Inc. (Kedron East), Including Cost Sharing in Accordance with the Region Share Policy, for the Extension and Oversizing of a Trunk Sanitary Sewer and Watermains on Harmony Road (Regional Road 33), in the City of Oshawa

Recommendation:

That the Works Committee recommends to Regional Council that:

- A) That unbudgeted capital works estimated at \$10.2 million for the Regional share of a trunk sanitary sewer and watermains in the Kedron Secondary Plan, in the City of Oshawa, be approved;
- B) That the Regional Municipality of Durham be authorized to enter into a Servicing Agreement to authorize payment to the Kedron East Landowners Group Inc. (Kedron East) estimated at \$10.2 million as noted in Recommendation A for the extension and oversizing of a trunk sanitary sewer and for watermains on Harmony Road (Regional Road 33), in the City of Oshawa, at an estimated total project cost of \$13.7 million;
- C) That financing for the total unbudgeted capital works, estimated at \$13.7 million, be provided from the following sources:

Developer's Share – Sanitary Sewer

Kedron East Landowners Group Inc. (Kedron East)	<u>\$3,367,900</u>
<u>Total Developer's Share:</u>	<u>\$3,367,900</u>

Regional Costs – Sanitary Sewer

Reallocation of 2020 Sanitary Sewerage System Capital Budget Item 34, Project D2002, West Brooklin Trunk Sanitary Sewer from west of Cochrane St. to east of Highway # 12, Whitby

Residential Development Charge Reserve Fund	\$4,975,965
Commercial Development Charge Reserve Fund	\$310,155
User Rate	<u>\$1,456,380</u>
Total Regional Share – Sanitary Sewer	<u>\$6,742,500</u>

Developer's Share - Watermains

Kedron East Landowners Group Inc. (Kedron East)	<u>\$97,500</u>
<u>Total Developer's Share:</u>	<u>\$97,500</u>

Regional Costs – Watermains

Reallocation of 2020 Water Supply System Capital Budget Item 123, Project D1908, Zone 4 feedermain from proposed Zone 4 water pumping station at Harmony Reservoir to proposed Oshawa Zone 4 Reservoir, Oshawa

Residential Development Charge Reserve Fund	\$1,051,200
Commercial Development Charge Reserve Fund	\$26,400
User Rate	<u>\$122,400</u>
	<u>\$1,200,000</u>

Reallocation of 2020 Water Supply System Capital Budget Item 163, Project D1609, Proposed Oshawa Zone 4 storage facility – 16 ML, Oshawa

Residential Development Charge Reserve Fund	\$1,986,768
Commercial Development Charge Reserve Fund	\$49,896
User Rate	<u>\$231,336</u>
	<u>\$2,268,000</u>

Total Regional Share – Watermains **\$3,468,000**

Total Regional Share **\$10,210,500**

Total Developer's Share	<u>\$3,465,400</u>
Total Project Financing	<u>\$13,675,900</u>

- D) The Regional Chair and Clerk be authorized to execute any necessary documents or agreements.
-

Report:

1. Purpose

- 1.1 The purpose of this report is to obtain approval for unbudgeted capital work and to enter into a Servicing Agreement with the Kedron East Landowners Group Inc. (Kedron East), including cost sharing in accordance with the Regional Municipality of Durham's (Region) Share Policy, related to the construction of a proposed trunk sanitary sewer and watermains on Harmony Road (Regional Road 33), in the City of Oshawa (see Attachment #1).

2. Background

- 2.1 Kedron East plans to develop their Draft Plans of Subdivision, located north of Conlin Road on both sides of Harmony Road (Regional Road 33) with the Kedron Secondary Plan Area in Oshawa. In order to develop their lands, they require the construction of the subject trunk sanitary sewer and watermains on Harmony Road (Regional Road 33). Kedron East has requested permission (see Attachment #2) to construct the project through a servicing agreement with the Region and to cost share with the Region in accordance with the Region's Share Policy.
- 2.2 The Region's Share Policy generally requires the developer to pay for the works required to service the subject development, with the Region responsible for the balance of the cost. In this case, Kedron East would be responsible to pay for the cost to construct a sanitary sewer ranging from 200 millimetre (mm) diameter sanitary sewer at the upstream end to a 375 mm diameter sanitary sewer at the downstream end, as well as 300 mm diameter watermain, and the Region would be required to pay the cost of oversizing these pipes to a 1350 mm diameter sanitary sewer downstream of the future Britannia Road, and a 750 mm diameter sanitary sewer upstream of the future Britannia Road, as well as a 400 mm diameter watermain from Conlin Road to north of the future Britannia Road.

- 2.3 The Region also requires a 900 mm diameter watermain on Harmony Road between the proposed Zone 4 Pumping Station and the northerly limit of development. The Regional Residential and Non-Residential Development Charge By-Law and Study identifies this watermain for construction funding in 2021. Kedron East does not require this watermain to service their lands and as such the Region is required to pay for the full costs of this watermain. There are cost efficiencies for the Region to have this watermain constructed now rather than in 2021 as traffic controls will already be in place, the excavation/restoration for the trunk sanitary sewer will be shared by the watermain and the construction equipment used for the construction of the sanitary sewer and 400 mm diameter watermain will be on site and also utilized for the construction of the 900 mm diameter watermain.
- 2.4 Regional staff have standing authority to approve cost sharing in keeping with the Policy up to a maximum Regional Share of \$500,000 for Subdivision Agreements. As this is a Servicing Agreement, Regional Council approval is required.
- 2.5 All other requirements of the Regional Servicing Agreement will be in place, including the posting of a letter of credit for 100 per cent of the cost of the works, Regional inspection requirements and the two-year infrastructure maintenance period.
- 2.6 In order to provide the Region's share of these capital projects, funding is being reallocated from the West Brooklin Trunk Sanitary Sewer, Zone 4 Feedermain to the Oshawa Zone 4 Reservoir and the Oshawa Zone 4 Storage Facility, in the amount of \$10.2 million. Construction of these capital projects are directly related to the completion of the Environmental Assessment, land acquisition and detailed design including development activity for the service area. Based on the project requirements these projects are not proceeding in 2020 and consequently would be re-budgeted in 2021 provided they are ready for detailed design and construction at that time.

3. Regional Infrastructure

- 3.1 A 1350 mm diameter trunk sanitary sewer reducing to a 750 mm diameter trunk sanitary sewer, a 400 mm diameter watermain and a 900 mm diameter watermain are required along Harmony Road (Regional Road 33) as shown on Attachment #1. The sanitary sewer will service the Kedron East lands as well as the balance of the Kedron Part II Plan lands and beyond. The watermains will

service the Kedron East lands as well as the balance of the Zone 4 pressure system within the Kedron Part II Plan lands and beyond. It forms a vital component of the overall Oshawa/Whitby Zone 4 pressure system.

- 3.2 The balance of the Regional services will be the subject of a future subdivision agreement.

4. Financing

- 4.1 Section 14.2.2 of the Region's Budget Management Policy requires approval of Works Committee and Regional Council for purchases of unbudgeted capital expenditures in excess of \$50,000.
- 4.2 Section 15.3 of the Region's Budget Management Policy requires approval of Works Committee and Regional Council for the reallocation of capital budget financing exceeding \$250,000.
- 4.3 The Region's share to be paid to Kedron East for the oversizing costs (estimated at \$10.2 million) can be provided as follows, including funding from the West Brooklin Trunk Sanitary Sewer, Oshawa Zone 4 Reservoir and Oshawa Zone 4 storage facility which are directly related to development activity and not ready for construction as outlined above:

Developer's Share – Sanitary Sewer

Kedron East Landowners Group Inc. (Kedron East)	<u>\$3,367,900</u>
<u>Total Developer's Share:</u>	<u>\$3,367,900</u>

Regional Costs – Sanitary Sewer

Reallocation of 2020 Sanitary Sewerage System Capital Budget Item 34, Project D2002, West Brooklin Trunk Sanitary Sewer from west of Cochrane St. to east of Highway # 12, Whitby

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User Rate	<u>\$1,456,380</u>
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Kedron East Landowners Group Inc. (Kedron East)	<u>\$97,500</u>
Total Developer's Share:	<u>\$97,500</u>

Regional Costs – Watermains

Reallocation of 2020 Water Supply System Capital Budget
Item 123, Project D1908, Zone 4 feedermain from proposed
Zone 4 water pumping station at Harmony Reservoir to proposed
Oshawa Zone 4 Reservoir, Oshawa

Residential Development Charge Reserve Fund	\$1,051,200
Commercial Development Charge Reserve Fund	\$26,400
User Rate	<u>\$122,400</u>
	<u>\$1,200,000</u>

Proposed reallocation of 2020 Water Supply System
Capital Budget Item 163, Project D1609, Proposed
Oshawa Zone 4 storage facility – 16 ML, Oshawa

Residential Development Charge Reserve Fund	\$1,986,768
Commercial Development Charge Reserve Fund	\$49,896
User Rate	<u>\$231,336</u>
	<u>\$2,268,000</u>

Total Regional Share – Watermains **\$3,468,000**

Total Regional Share **\$10,210,500**

Total Developer’s Share **\$3,465,400**

Total Project Financing **\$13,675,900**

5. Conclusion

- 5.1 It is recommended that Regional Council enter into a Servicing Agreement with the Kedron East Landowners Group Inc. (Kedron East) containing the foregoing provisions and that the unbudgeted capital works be approved as identified in the report.
- 5.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the financial recommendation.

5.3 For additional information, please contact Paul Gillespie, Development Approvals, at 905-668-7711, extension 3443.

6. Attachments

Attachment #1: Location Plan – Harmony Road North

Attachment #2: Kedron East Request for Servicing Agreement Letter dated April 27, 2020

Respectfully submitted,

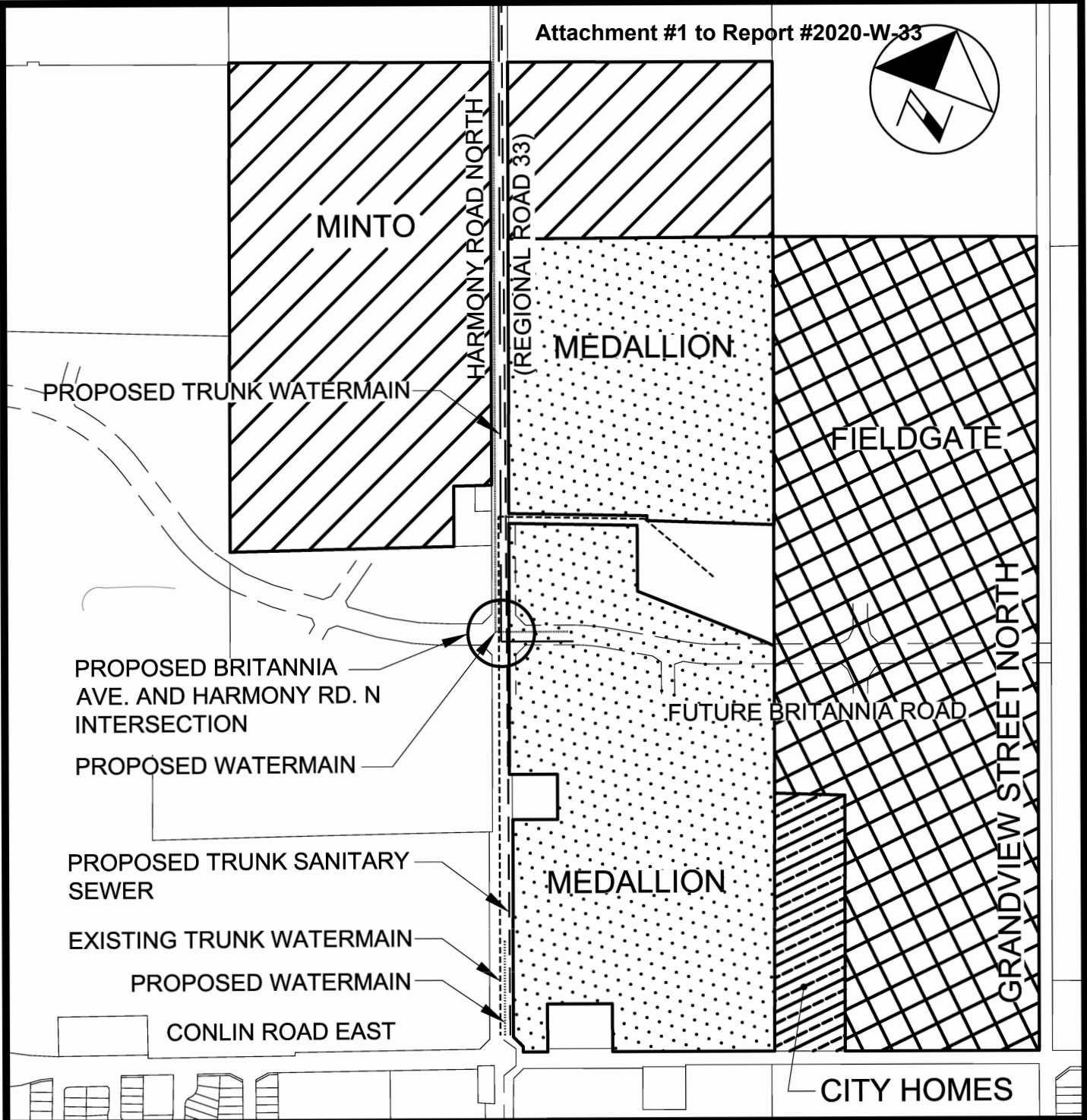
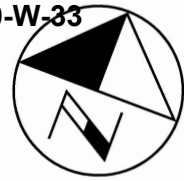
Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

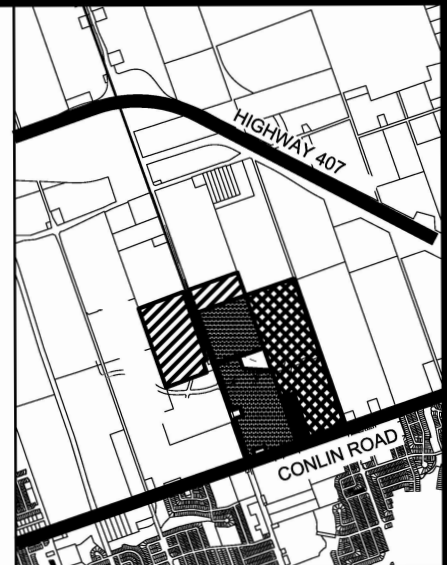
Recommended for Presentation to Committee

Original signed by:

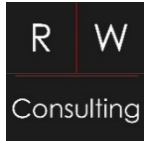
Elaine C. Baxter-Trahair
Chief Administrative Officer



Attachment #1: HARMONY ROAD NORTH



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27 April 2020

Regional Municipality of Durham
605 Rossland Road East
P.O. Box 623
Whitby, ON
L1N 6A3

Attention: Mr. P. Gillespie, P. Eng.,
Manager, Development Approvals

Re: Extension of the 1350mm dia. and 750mm dia. Courtice Trunk Sanitary Sewer;
Extension of the 900mm dia. Zone 4 Feedermain;
Oversizing of the 400mm dia. Zone 4 Watermain; and
Boulevard Platform Construction on Harmony Road to facilitate pedestrian facilities.
City of Oshawa

On behalf of the Kedron East Landowners Group Inc., consisting of: Medallion Developments (Harmony) Limited, Umiak Investments Limited (Fieldgate Developments), Minto (Harmony Road) GP Inc., and 2486210 Ontario Limited (City Homes), it is hereby requested that the Region allow the Owners to jointly design and construct the following.

- Extension of the 1350mm dia. and 750mm dia. Courtice Trunk Sanitary Sewer shown as Item #225 in the *2018 Regional Development Charges Background Study*;
- Extension of the 900mm dia. Zone 4 Feedermain shown as Item #235 in the *2018 Regional Development Charges Background Study*;
- Oversizing of the 400mm dia. Zone 4 watermain on shown as Item #233 in the *2018 Regional Development Charges Background Study*; and
- Boulevard platform construction (Road Urbanization) on Harmony Road, from Conlin Road to Britannia Avenue shown as Item #33.5 in the *2018 Regional Development Charges Background Study*.

In addition, it is requested for the Region to fund the Region Share of the above items on the completion and acceptance of such works as generally provided below

1. Kedron East Landowners Group will enter into a Servicing Agreement with the Region to provide the design, tendering and construction of the above works, all to the approval of the Region and the City of Oshawa.
2. Kedron East Landowners Group is prepared to have this Servicing Agreement registered on title of their lands.

April 27, 2020
Letter to Mr. P. Gillespie

3. Kedron East Landowners Group shall arrange to provide dedication and/or easements over all lands that will be required to construct the works.

It would be appreciated if we could receive a response to this request as quickly as possible so that the works can be initiated. Please let me know if you require any additional information at this time.

Yours truly,



Michael May, P.Eng.

Reg Webster Consulting Inc.
3633 Cochrane Street
Whitby, ON
L1R 2T2

cc: City of Oshawa, Attention: Mr. W. Munro and Mr. A. Ambra
Medallion Developments (Harmony) Limited, Attention: Mrs. A. Fagyas and Mr. R. Vucicevich
Umiak Investments Limited, Attention: Mr. R. White
Minto (Harmony Road) GP Inc., Attention: Mr. P. Maleganovski
2486210 Ontario Limited (City Homes), Attention: Mrs. A. MacInnis and Mr. J. MacInnis
Candevcon Limited: Attention: Mr. M. Favit

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-34
Date: June 3, 2020

Subject:

Approval of the New York-Durham Sewage System Operating Agreement

Recommendations:

That the Works Committee recommends to Regional Council:

- A) That the new York-Durham Sewage System Operating Agreement between the Regional Municipality of Durham and the Regional Municipality of York for the operations of the York-Durham Primary System components be adopted for a 20-year term commencing on July 1, 2020; and
 - B) That the Regional Chair and Clerk be authorized to execute the new York-Durham Sewage System Operating Agreement.
-

Report:

1. Purpose

1.1 The purpose of this report is to obtain approval for the Regional Municipality of Durham (Durham) to execute the new York-Durham Sewage System (YDSS) Operating Agreement between Durham and the Regional Municipality of York (York) for a 20-year term.

2. Background

2.1 In 1975, the Province of Ontario (Province), Durham and York entered into an agreement for the Province to construct, finance and manage the YDSS to serve urban areas in York, as well as the City of Pickering (Pickering) and the Town of

Ajax (Ajax) urban areas in Durham. Durham has operated the Duffin Creek Water Pollution Control Plant (WPCP) since the facility was commissioned.

- 2.2 In 1997, the Province introduced legislation that directed the transfer of provincially owned water supply and sanitary sewage facilities from the Ontario Clean Water Agency (OCWA) to the municipalities currently serviced by the facilities.
- 2.3 In November 1997, Durham and York entered into an Operating Agreement, whereby the YDSS Primary System components are operated by Durham. The Primary System components are those parts of the system that manage flows from both Regions. The majority of the operating costs for the primary system are allocated based on the respective proportion of each Region's flows to the plant.
- 2.4 The CAO from each Region signed a Memorandum of Understanding (MOU) in November 2015, which included a commitment to review and update the YDSS Operating Agreement to enhance information reporting on YDSS operations, and to reflect changes within the industry practice and regulatory environment.
- 2.5 In June 2017, each Region's Council approved execution of the terms of the MOU, contingent upon final approval of the Class Environmental Assessment (EA) to Assess Outfall Capacity Limitations at the Duffin Creek Water Pollution Control Plant (WPCP) on terms consistent with the associated Environmental Study Report (ESR). Durham Council also approved the extension of the original Operating Agreement for a two-year period from January 1, 2018 to December 31, 2019, while awaiting a decision on the Outfall EA, as the original 20-year operating agreement was to expire on December 31, 2017 as noted in Report #2017-COW-165.
- 2.6 On November 7, 2019 the Regions received a decision on the Outfall EA from the Minister of the Environment Conservation and Parks (MECP) that was consistent with the recommendations in the associated ESR. In December 2019, each Region's Council approved a further extension of the original Operating Agreement for a six-month period, from January 1, 2020 to June 30, 2020 to facilitate a final review and update of the new Operating Agreement prior to execution. Durham Council approved the six month extension through Works Committee Report #2019-W-99.

3. Renewal of the YDSS Operating Agreement

3.1 Works, Legal and Finance staff from both Regions have developed a new Operating Agreement. The proposed new Operating Agreement, upon execution, will be effective for 20 years starting July 1, 2020, ending July 1, 2040, and contains provisions including:

- Option to review terms every five years and incorporate amendments proposed by either party, subject to mutual agreement.
- Ten-year extension available by mutual agreement.

3.2 Durham has successfully operated the Duffin Creek WPCP to a high level of compliance since 1997. Responsibilities of Durham as Operator are set out in detail in the new Operating Agreement, and include:

- Operation and maintenance.
- Testing, monitoring, and sampling requirements.
- Management of spills.
- Preparation of operating budgets.
- Preparation of business, operational and maintenance plans.
- Development of standard operating procedures.
- Reporting requirements, including compliance and performance reports.

3.3 The new Operating Agreement incorporates enhancements to the original agreement, including:

- Flow meter calibration requirements, and an updated methodology to calculate each Region's flow contribution to the Duffin Creek WPCP.
- Each Region's responsibilities regarding the negotiation of discharge agreements within their respective service areas, revenue collection, and sharing of associated information.
- Supervisory Control and Data Acquisition (SCADA) system implementation and maintenance requirements, and access to SCADA data by each Region.
- Setting of hauled wastewater fees, and sharing of associated revenue.
- Each Region's responsibilities regarding the preparation, review, and submission of documentation to regulatory authorities.
- Determination of the administration fee for the operator.
- Clarity regarding the indemnification of each Region, and the liability of Durham (as operator) regarding negligence.

4. Conclusion

- 4.1 It is recommended that the new York-Durham Sewage System Operating Agreement between the Regional Municipality of Durham and the Regional Municipality of York for the operations of the York-Durham Primary System components be adopted for a 20-year term commencing on July 1, 2020.
- 4.2 This report has been reviewed by the Finance Department and the Legal Services Division of the Corporate Services Department. The Director of Legal Services and the Commissioner of Finance concur with the recommendations.
- 4.3 For additional information, please contact Rich Tindall, Manager, Plant Operations Division at 905-668-7711 ext. 3547.

Respectfully submitted,

Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

Recommended for Presentation to Committee

Original signed by:

Elaine Baxter-Trahair
Chief Administrative Officer

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



The Regional Municipality of Durham Report

To: Works Committee
From: Commissioner of Works
Report: #2020-W-35
Date: June 3, 2020

Subject:

Servicing Agreement with North Village Landowners Group Inc. (North Village), Including Cost Sharing in Accordance with the Region's Share Policy, for the Extension and Oversizing of a Trunk Sanitary Sewer and Watermain on North Street (Regional Road 17), in the Municipality of Clarington

Recommendation:

That the Works Committee recommends to Regional Council that:

- A) That the Regional Municipality of Durham be authorized to enter into a Servicing Agreement with North Village Landowners Group Inc. (North Village) including cost sharing in accordance with the Region's Share Policy, for the extension and oversizing of a trunk sanitary sewer and watermain on North Street (Regional Road 17), in the Municipality of Clarington, at an estimated cost of \$4.3 million;
- B) Financing for the Regional Municipality of Durham's Share for the Sanitary Sewer component of the Servicing Agreement be provided from the following Regional sources:

Developer's Share – Sanitary Sewer

North Village Landowners Group Inc. (North Village)	<u>\$1,896,200</u>
<u>Total Developer's Share:</u>	<u>\$1,896,200</u>

Regional Costs – Sanitary SewerSanitary Sewerage System Capital Budget

Foster Creek Trunk Sanitary Sewer on North Street from Wilmot Street to North of CPR (D1616)

Residential Development Charge Reserve Fund	\$327,737
Commercial Development Charge Reserve Fund	\$9,014
User Rate	<u>\$104,349</u>
Subtotal	<u>\$441,100</u>
Sanitary Sewer Connections – Current Operations	<u>\$69,400</u>
Total Regional Share – Sanitary Sewer	<u>\$510,500</u>

Developer’s Share – Regional Roads and Storm Sewers

North Village Landowners Group Inc. (North Village)	<u>\$387,000</u>
<u>Total Developer’s Share:</u>	<u>\$387,000</u>

- C) Financing for the Regional Municipality of Durham’s Share for the Watermain component of the Servicing Agreement be provided from the following Regional sources:

Developer’s Share - Watermain

North Village Landowners Group Inc. (North Village)	<u>\$1,019,100</u>
<u>Total Developer’s Share:</u>	<u>\$1,019,100</u>

Regional Costs – WatermainWater Supply System Capital Budget

Watermain replacement on North Street from Wilmot Street to North of CPR (C1601)

Residential Development Charge Reserve Fund	\$262,800
Commercial Development Charge Reserve Fund	\$6,600
User Rate	<u>\$30,600</u>

Allowance for Regional share for works in conjunction with residential subdivision development (M2010)

Residential Development Charge Reserve Fund	\$ 43,186
Commercial Development Charge Reserve Fund	\$ 1,085
User Rate	<u>\$ 5,029</u>
Subtotal	<u>\$349,300</u>
Watermain Connections – Current Operations	<u>\$98,900</u>
Total Regional Share – Watermain	<u>\$448,200</u>
Total Regional Project Financing	<u>\$958,700</u>

- D) The Regional Chair and Clerk be authorized to execute any necessary documents or agreements.

Report:

1. Purpose

- 1.1 The purpose of this report is to seek Regional Council approval to enter into a Servicing Agreement with North Village Landowners Group Inc. (North Village), including cost sharing in accordance with the Regional Municipality of Durham's (Region) Share Policy for Residential Development, related to the construction of a proposed trunk sanitary sewer and watermain on North Street (Regional Road 17), in the Municipality of Clarington (Attachment #1).

2. Background

- 2.1 North Village Landowners Group Inc. (North Village) plan to develop their Draft Plan of Subdivisions, located north of CN Railway within the North Village Secondary Plan Area in Newcastle. In order to develop their lands, they are required to upsize the existing Regional sanitary sewer and watermain along North Street. North Village has requested permission (Attachment #2) to construct the project through a servicing agreement with the Region and to cost share with the Region in accordance with the Region's Share Policy (Policy).
- 2.2 The Policy generally requires the developer to pay for the works required to service the subject development and the Region is responsible for the balance of the cost. In this case, North Village would be responsible to pay for the cost to construct a 375 millimetre (mm) diameter sanitary sewer and a 300 mm diameter watermain and the Region would be required to pay the cost of

oversizing the sanitary sewer to a 675 mm diameter and a portion of the watermain to a 400 mm diameter.

- 2.3 Regional staff have standing authority to approve cost sharing in keeping with the Policy up to a maximum Regional Share of \$500,000 in a Subdivision Agreement. As this is a Servicing Agreement, Regional Council approval is required.
- 2.4 All other requirements of the Regional Servicing Agreement will be in place, including the posting of a letter of credit for 100 per cent of the cost of the works, Regional inspection requirements and the two-year infrastructure maintenance period.

3. Regional Infrastructure

- 3.1 A 675 mm diameter trunk sanitary sewer and a 300 mm diameter watermain with a portion sized to 400 mm diameter is required along North Street (Regional Road 17) as shown on Attachment #1. The sanitary sewer and watermain will service the North Village lands, which make up the balance of the undeveloped lands in the North Village Secondary Plan.
- 3.2 The balance of the Regional services will be the subject of a future subdivision agreement.

4. Financing

- 4.1 Works staff has estimated the costing of the project at \$4.3 million as follows:

Developer’s Share – Sanitary Sewer

North Village Landowners Group Inc. (North Village)	<u>\$1,896,200</u>
<u>Total Developer’s Share:</u>	<u>\$1,896,200</u>

Regional Costs – Sanitary Sewer

Sanitary Sewerage System Capital Budget

Foster Creek Trunk Sanitary Sewer on North Street from Wilmot Street to North of CPR (D1616)

Residential Development Charge Reserve Fund	\$327,737
Commercial Development Charge Reserve Fund	\$9,014
User Rate	<u>\$104,349.</u>
Subtotal	<u>\$441,100</u>
Sanitary Sewer Connections – Current Operations	<u>\$69,400</u>

Total Regional Share – Sanitary Sewer **\$510,500**

Developer’s Share - Watermain

North Village Landowners Group Inc. (North Village) **\$1,019,100**

Total Developer’s Share: **\$1,019,100**

Regional Costs – Watermain

Water Supply System Capital Budget

Watermain replacement on North Street from Wilmot Street to North of CPR
(C1601)

Residential Development Charge Reserve Fund \$262,800

Commercial Development Charge Reserve Fund \$6,600

User Rate **\$30,600**

Allowance for Regional share for works in conjunction with
residential subdivision development (M2010)

Residential Development Charge Reserve Fund \$ 43,186

Commercial Development Charge Reserve Fund \$ 1,085

User Rate **\$ 5,029**

Subtotal **\$349,300**

Watermain Connections – Current Operations **\$98,900**

Total Regional Share – Watermain **\$448,200**

Developer’s Share – Regional Roads and Storm Sewers

North Village Landowners Group Inc. (North Village) **\$387,000**

Total Developer’s Share: **\$387,000**

Total Developer’s Share **\$3,302,300**

Total Regional Project Financing **\$958,700**

Total Project Cost **\$4,261,000**

5. Conclusion

- 5.1 It is recommended that the Regional Municipality of Durham enter into a Servicing Agreement with North Village Landowners Group Inc. containing the foregoing provisions.
- 5.2 This report has been reviewed by the Finance Department and the Commissioner of Finance concurs with the financial recommendation.
- 5.3 For additional information, please contact Paul Gillespie, Manager, Development Approvals, at 905-668-7711, extension 3443.

6. Attachments

Attachment #1: Location Plan

Attachment #2: North Village Request for Servicing Agreement Letter

Respectfully submitted,

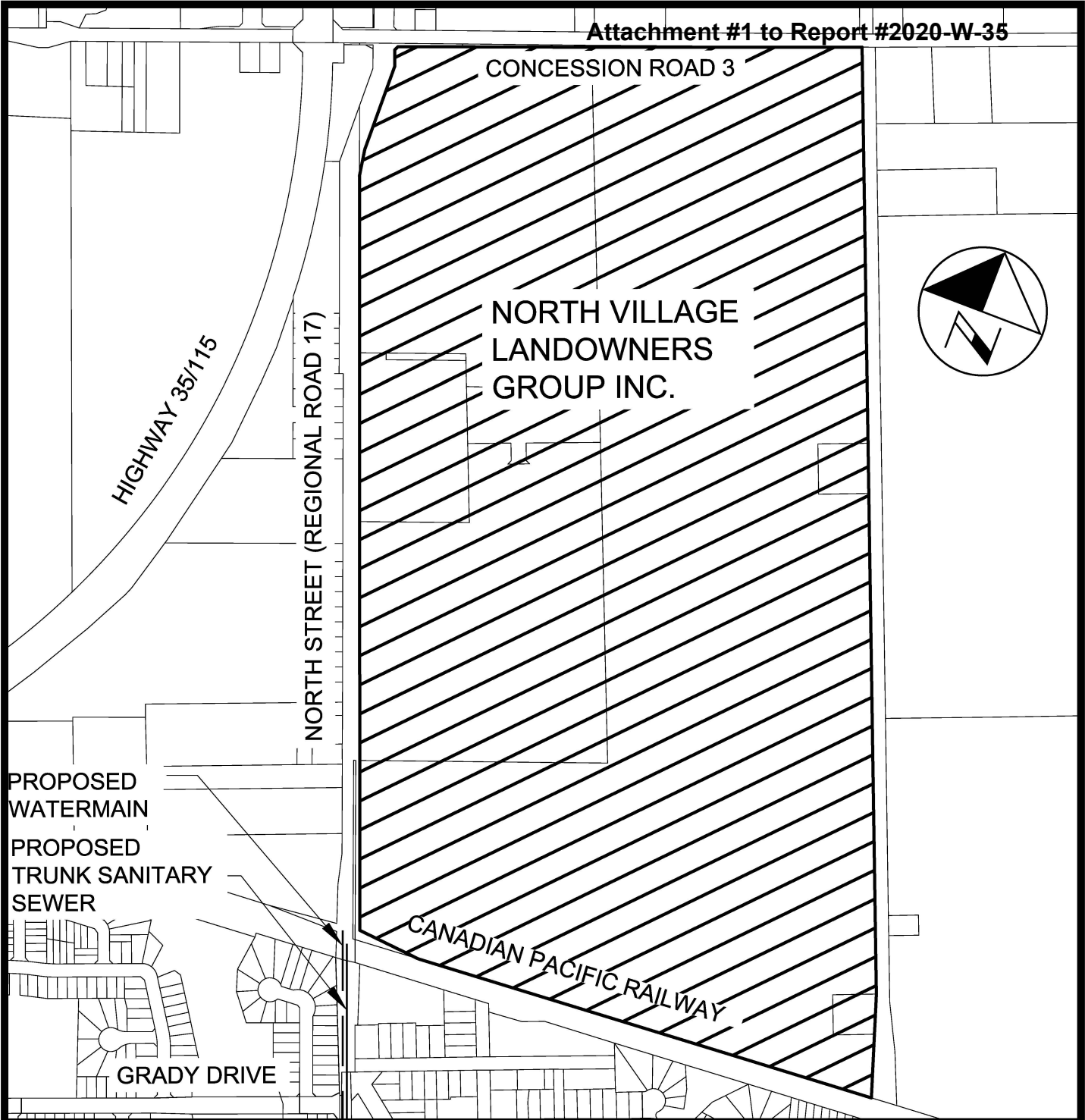
Original signed by:

Susan Siopis, P.Eng.
Commissioner of Works

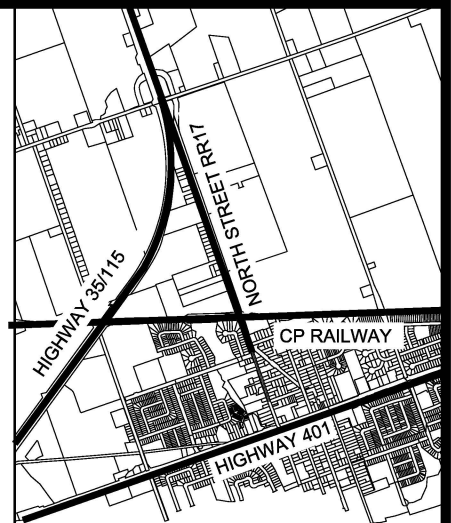
Recommended for Presentation to Committee

Original signed by:

Elaine C. Baxter-Trahair
Chief Administrative Officer



Attachment #1: NORTH STREET



This map has been produced from a variety of sources. The Region of Durham does not make any representations concerning the accuracy, likely results, or reliability of the use of the materials. The Region disclaims all representation and warranties. © MPAC and all its suppliers. All rights reserved. Not a plan of Survey



1600 STELLAR DRIVE, SUITE 402
WHITBY, ONTARIO L1N 9B2
T: (289) 315-3680

April 23, 2020

Regional Municipality of Durham
605 Rossland Road East
Whitby, Ontario L1N 6A3

Attention: Mr. Paul Gillespie, P.Eng.
Manager, Development Approvals Division

Dear Sir:

**Re: North Village Externals
Request for Servicing Agreement
Oversizing and Extension of Sanitary Sewer and Watermain
Infrastructure on North Street from Wilmot Street to North of
the CP Overpass on Regional Road 17 (North Street)
Draft Plan of Subdivisions S-C-2005-03 & S-C-2005-04
Municipality of Clarington
Our Project No. E18060**

On behalf of the North Village Landowners Group Inc., it is hereby requested that the Region of Durham allow the Owners to jointly design and construct the extension of a 675mm diameter concrete trunk sanitary sewer system and a 300/400mm diameter PVC and concrete watermain system on North Street from Wilmot Street to north of the CP Overpass located on Regional Road 17 (North Street). Based on correspondence with Regional staff regarding the scope of works associated with this project, it is understood that the Region will fund their proportionate share of the completion and acceptance of such works as generally referenced below:

1. Proportionate share of oversizing costs related to the removal of the existing 250mm diameter AC sanitary sewer and replacement with a 675mm diameter concrete trunk sanitary sewer system on North Street extending from Wilmot Street to north of the CP Overpass located on Regional Road 17 (North Street).
2. Proportionate share of oversizing costs related to the removal of the existing 150mm diameter AC watermain system and replacement with a 300mm diameter PVC and 400mm diameter concrete watermain system on North Street extending from Wilmot Street to north of the CP Overpass located on Regional Road 17 (North Street).



Page 2
April 23, 2020
Regional Municipality of Durham
Mr. Paul Gillespie

3. North Village Landowners Group Inc. will enter into a Servicing Agreement with the Region of Durham to provide the design, tendering and construction of the aforementioned sewer and watermain oversizing works on North Street extending from Wilmot Street to north of the CP Overpass located on Regional Road 17 (North Street) as reflected on the General Plan (Dwg. G1.1) attached to this correspondence, all to the approval of the Region of Durham and Municipality of Clarington.
4. North Village Landowners Group Inc. is prepared to have this Servicing Agreement registered on title to their lands.

Based on the information provided above, the North Village Landowners Group Inc. formally requests that the Region of Durham prepare and execute a Servicing Agreement in support of these works.

Should you require any further information or clarification in support of our request please do not hesitate to contact the undersigned.

Yours truly,

CANDEVCON EAST LIMITED



Andrew Watson, P.Eng.
Senior Project Manager, Land Development

AW/br

Encl.

cc: Region of Durham, Attn: Mr. M. Hubble
North Village Landowners Group Inc., Attn: Mr. D. Murphy, Ms. J. Haslett,
Mr. C. Russo, Mr. P. Sacilotto
Candevcon East Limited, Attn: Mr. M. Favit