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The Regional Municipality of Durham

MINUTES

WORKS COMMITTEE

Wednesday, January 6, 2021

A regular meeting of the Works Committee was held on Wednesday, January 6, 2021 in Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby, Ontario at 9:30 AM. Electronic participation was offered for this meeting.

1. Roll Call

Present: Councillor Mitchell, Chair
Councillor Marimpietri, Vice-Chair
Councillor Barton
Councillor Crawford
Councillor McLean
Councillor John Neal
Councillor Smith
Regional Chair Henry
*** all members of Committee except Councillor Mitchell and Regional Chair Henry participated electronically**

Also

Present: Councillor Collier
Councillor Dies
Councillor Foster
Councillor Highet
Councillor Pickles
Councillor Schummer
Councillor Wotten

Absent: None

Staff

Present: E. Baxter-Trahair, Chief Administrative Officer
G. Anello, Director of Waste Management Services
J. Demanuele, Director of Business Services
J. Hunt, Regional Solicitor/Director of Legal Services, Corporate Services – Legal Services
R. Inacio, Systems Support Specialist, Corporate Services – IT
R. Jagannathan, Director of Transportation and Field Services
J. Paquette, Manager (Works), Corporate Communications
A. Porteous, Supervisor, Waste Services
J. Presta, Director of Environmental Services
S. Siopis, Commissioner of Works

A. Wakeford, Senior Solicitor, Corporate Services – Legal Services
S. Glover, Committee Clerk, Corporate Services – Legislative Services

2. Declarations of Interest

Councillor Marimpietri made a declaration of interest under the Municipal Conflict of Interest Act with respect to Report #2021-WR-1: Long-Term Waste Management Plan 2020 Consultation, Vision and Objectives, specifically as it relates to Section 5.16 of the report. He indicated that he has family members who own property and reside within an area potentially affected by the aforementioned applications.

3. Adoption of Minutes

Moved by Councillor McLean, Seconded by Councillor Crawford,
(1) That the minutes of the regular Works Committee meeting held on
Wednesday, December 2, 2020, be adopted.

CARRIED

4. Statutory Public Meetings

There were no statutory public meetings.

5. Delegations

There were no delegations to be heard.

6. Presentations

6.1 Gioseph Anello, Director, Waste Management Services and Christine Roarke, HDR Consultant, re: Long-Term Waste Management Plan Development (2020-WR-1) [Item 7.2 A]

G. Anello and Christine Roarke, provided a PowerPoint presentation regarding the Long-Term Waste Management Plan (LTWMP) Development.

Highlights from the presentation included:

- LTWMP Development
- What We Heard
- Proposed Guiding Principles
- Recommended Vision
- Recommended Objectives
- LTWMP Development and Update Framework
- Next Steps

Discussion ensued regarding whether it would be appropriate to add the word “rethink” to the proposed first guiding principle to make it consistent with the proposed first objective that states, “Engage with residents to build an understanding and awareness of the 5 Rs (Rethink, Reduce, Reuse, Recycle, Recover) and the Region’s waste management programs and services”.

Moved by Regional Chair Henry, Seconded by Councillor Smith,

- (2) That the agenda be altered to consider Item 7.2 A) Report #2021-WR-1: Long-Term Waste Management Plan 2020 Consultation, Vision and Objectives next.

CARRIED

7.2 Reports

A) Long-Term Waste Management Plan 2020 Consultation, Vision and Objectives (2021-WR-1)

Report #2021-WR-1 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor Smith,

- (3) That we recommend to Council:

That Council endorse the guiding principles, recommended vision, and objectives to be used as the framework to develop a draft Long-term Waste Management Plan 2021 to 2040.

CARRIED AS AMENDED
(See Following Motion)

Moved by Councillor Smith, Seconded by Councillor Barton,

- (4) That the main motion of Regional Chair Henry and Councillor Smith be amended by adding the following:

And further that:

The first bullet under guiding principles as contained in Attachment #2 to Report #2021-WR-1, be amended to insert the word “rethink” after the word “Emphasize”, and before the word “reduce” so that it now reads as follows:

- “Emphasize rethink, reduce and reuse principles as the first step in reducing waste generation”

CARRIED

6.2 John Presta, Director of Environmental Services, re: Update on Proposed Upgrades at the Duffin Creek Water Pollution Control Plant related to the Outfall Environmental Assessment and the Phosphorous Reduction Action Plan

J. Presta provided a PowerPoint presentation regarding an update on Proposed Upgrades at the Duffin Creek Water Pollution Control Plant (WPCP) related to the Outfall Environmental Assessment (EA) and the Phosphorous Reduction Action Plan (PRAP).

Highlights from the presentation included:

- Phosphorus Reduction Action Plan and Outfall Diffuser Upgrades
- Outfall Diffuser Upgrades
 - Existing Outfall Configuration
 - Variable-Diameter Check Valves
 - Design and Installation
- Phosphorus Reduction Action Plan Implementation
 - Ferric Chloride Dose Points Upgrades
 - Primary Polymer Addition
 - Secondary Clarifier Density Current Baffles
- Construction Plan
 - Outfall Upgrades
 - PRAP Upgrades
- Project Schedule and Status
- 2020 Plant Performance
 - Final Effluent Total Phosphorus Concentration and Loads
 - Final Effluent Soluble Reactive Phosphorus Concentration Loads

J. Presta responded to questions from the Committee regarding whether Durham Region will be upgrading to a tertiary treatment facility in the future and whether Durham and York Region will be working jointly; how the phosphorus is being reduced and what the operating objective is; whether there is future capacity at the Duffin Creek WPCP and whether there is room to accommodate the City of Pickering and the Town of Ajax's growth; the plant removing 95% of the phosphorus; and the effects of extreme intense rain events that enter into the sanitary sewer collection system.

In response to a question from the Committee regarding the requirements of the PRAP, J. Presta advised that the facility has been designed to meet the requirements of the PRAP, up to a flow of 630 megalitres per day. He advised that the facility is currently working at approximately 350-360 megalitres per day which is 60-65% of the plant's capacity.

Discussion ensued regarding whether Durham has ever had problems with overflowing at the plant. J. Presta advised that the plant does not have a bypass pipe similar to older plants in the province, and that all the wastewater is treated within the plant. He advised that there have been rare occasions where there have been spills at the plant site due to extreme rain events. J. Presta also advised that there is no direct notice provided to committee members when there are spills or overflows but that this information is posted on the website when it

occurs. The Committee questioned if it would be possible for staff to send an email to Committee members when these incidents occurred.

In response to a question from the Committee regarding whether the City of Toronto has been able to contain bypasses throughout the City and address problems at their treatment plant at Victoria Park, J. Presta advised that the City of Toronto has an extensive capital program and have built very large tunnels and storage tanks throughout the city to contain bypasses. He also advised that a new outfall is being constructed at the main treatment plant at the Ashbridges Bay Wastewater Treatment plant to accommodate growth and that he would follow-up and get further details on the work being undertaken.

In response to a question from Councillor Dies regarding a potential fourth plant expansion, and at what capacity the plant would need to reach in order for an expansion to be considered, J. Presta advised that staff begin planning for expansions when flows reach between 80-90%, and on the rate of the flows, as it takes time for environmental assessments, detailed design work, and approvals for large projects. Discussion ensued regarding the plan for the province to move away from the water reclamation plant in upper York, and whether it would be in the Region's best interest to pause on the outfall diffusers before moving forward. J. Presta noted that the upgrades to the plant are required to be completed as part of the Regions of York and Durham's obligations within the Outfall EA and PRAP recommendations. J. Presta advised that he can provide further information to Councillor Dies directly.

Discussion ensued regarding the Lake Simcoe solution and whether or not York Region will support the Lake Simcoe solution and twinning of the pipes, and if they don't, how would that increase the flow of wastewater coming into the plant. J. Presta advised that the twinning of the primary trunk sewer would occur from Finch Avenue southerly to Duffin Creek WPCP. He noted that the information can be reviewed, and a response provided based on the questions asked at a future date. J. Presta advised that staff are achieving very good results at the plant, and that the actual plant results are better than the theoretical values presented in the past.

S. Siopis advised that regardless of the provincial initiative regarding the Upper York Sewage Solutions project (UYSS), the work being conducted at Duffin Creek WPCP is still required and staff are committed to completing it. She also advised that the twinning project would have to proceed either way. S. Siopis advised that both projects are necessary work to allow the system to be maintained. She stated that the pipe currently runs quite full. Redundancy would allow staff to complete regular maintenance.

7. Waste

7.1 Correspondence

- A) Memorandum dated January 4, 2021 from Susan Siopis, Commissioner of Works, and Gioseph Anello, Director of Waste Management Services, re: Municipality of Clarington Resolution #C-506-20 regarding Energy from Waste-Waste Management Advisory Committee (EFW-WMAC) Motions to Works Committee
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Moved by Councillor Smith, Seconded by Councillor Barton,

- (5) That the memorandum dated January 4, 2021 from Susan Siopis, Commissioner of Works, and Gioseph Anello, Director of Waste Management Services, re: Municipality of Clarington Resolution #C-506-20 regarding Energy from Waste-Waste Management Advisory Committee (EFW-WMAC) motions to Works Committee, be received for information.

CARRIED

7.2 Reports

- A) Long-Term Waste Management Plan 2020 Consultation, Vision and Objectives (2021-WR-1)
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This item was considered earlier in the meeting. See Item 7.2 A) on page 3 of these minutes.

8. **Works**

8.1 Correspondence

There were no items of communications to be considered.

8.2 Reports

- A) Expropriation of Lands Required for the Proposed Bus Rapid Transit project along Highway 2 (Kingston Road), in the City of Pickering, Town of Ajax and Town of Whitby (2021-W-1)
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Report #2021-W-1 from S. Siopis, Commissioner of Works, was received.

In response to a question from Councillor Crawford regarding where there is additional information with respect to any road widening work scheduled in the Town of Ajax that is not scheduled in the first round, R. Jagannathan advised that he would provide that information to her directly.

Discussion ensued regarding potential disruptions at certain pinch points specific to the downtown areas and ensuring the Committee members will be advised when these disruptions will occur. R. Jagannathan noted that there is an ongoing environmental assessment that is looking at the pinch points specifically.

Moved by Councillor Crawford, Seconded by Councillor Barton,
(6) That we recommend to Council:

- A) That authority be granted to Regional Municipality of Durham staff to initiate expropriation proceedings where necessary with respect to the property requirements for the proposed Bus Rapid Transit project (Project) along Highway 2 (Kingston Road) as are generally depicted in Attachment #1 of Report #2020-W-1 of the Commissioner of Works, and as such other property requirements as may be determined and identified by Regional Municipality of Durham staff required for the Project;
- B) That authority be granted to the Regional Clerk and Regional Chair to execute any notices and forms as may be statutorily mandated by the Expropriations Act R.S.O. 1990, c. E.26 to give effect to Recommendation C) of Report #2020-W-1, including the Notices of Application of Approval to Expropriate;
- C) That authority be granted to Regional Municipality of Durham staff to serve and publish Notices of Application for Approval to Expropriate the property requirement as described in Recommendation A) of Report #2020-W-1, and to forward to the Chief Inquiry Officer any requests for hearing that are received, to attend the hearings to present the Regional Municipality of Durham's position, and to report the Inquiry Officer's recommendations to Regional Council for its consideration; and
- D) That all agreements and reports required for amicable property acquisitions and all agreements and reports required for settlements pursuant to the Expropriations Act RSO 1990, c. E.26 related to the Bus Rapid Transit Project approved in accordance with the Delegation of Authority By-Law 29-2020 or by Regional Council remain confidential in accordance to Section 239 (2)(c) of the Municipal Act as it relates to a proposed or pending acquisition or disposition of land for Regional Corporation purposes, and only be released publicly by the Commissioner of Works once all claims for compensation have been resolved on a complete and full and final basis for the Bus Rapid Transit Project where appropriate.

CARRIED

- B) Offer to Renew Lease Agreement with 2537613 Ontario Limited for Premises Occupied by the Durham Regional Police Services Located at 19 Courtice Court, in the Municipality of Clarington (2021-W-3)

Report #2021-W-3 from S. Siopis, Commissioner of Works, was received.

Discussion ensued regarding the use of the facility located at 19 Courtice Court, in the Municipality of Clarington; and whether when the new Clarington East Durham Regional Police site was being built, it was to bring all offsite DRP facilities together.

Moved by Councillor Marimpietri, Seconded by Councillor Crawford,
(7) That we recommend to Council:

- A) That the Offer to Renew Lease Agreement with 2537613 Ontario Limited for the premises, being the land and buildings including furnishings of the building located at 19 Courtice Court, in the Municipality of Clarington, containing approximately 2,226.81 square metres (23,970 square feet), be approved on the following terms and conditions:
- i) The term to be for a period of five (5) years commencing January 1, 2021 and ending December 31, 2025;
 - ii) The Regional Municipality of Durham to have the right to terminate the lease without penalty at any time after the second year upon providing six (6) months prior written notice;
 - iii) The annual basic rent for the period of January 1, 2021 to December 31, 2025 to be \$143,820*, based on a rate of \$64.58* per square metre (\$6.00* per square foot) per annum;
 - iv) The Regional Municipality of Durham to be responsible for all operating costs and property taxes for the leased premises at an estimated annual amount of \$296,000; and
- B) That the Regional Chair and Clerk be authorized to execute all documents associated with the Offer to Renew Lease agreement.
(* excludes applicable taxes

CARRIED

C) Project Update and Additional Engineering Services for the Proposed Whitby Water Supply Plant Expansion, in the Town of Whitby (2021-W-4)

Report #2021-W-4 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor McLean,
(8) That we recommend to Council:

- A) That commitments to AECOM Canada Ltd. be authorized for costs associated with Phase 2 for additional work required outside of the original scope of work in the amount of \$2,202,185*, over and above the approved Phase 1-3 upset limit of \$4,082,140* resulting in a total revised upset limit not to exceed \$6,284,325*, to be funded from within the approved project budget of \$9,850,000*; and
- B) That the Commissioner of Finance be authorized to execute the amendment to the existing engineering services agreement.
(* including disbursements and before applicable taxes.

CARRIED

9. Advisory Committee Resolutions

There were 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 as it Relates to the Purchase of Lands Required for the Gibb Street and Hwy 2 BRT Projects (2021-W-2)

Confidential Report #2021-W-2 from S. Siopis, Commissioner of Works, was received.

Moved by Regional Chair Henry, Seconded by Councillor Barton,
(9) That we recommend to Council:

That the recommendations contained in Confidential Report #2021-W-2 of the Commissioner of Works be adopted.

CARRIED

11. Other Business

11.1 Vision Zero Update

Councillor Crawford provided a brief update regarding Vision Zero. She advised the Automated Speed Enforcement (ASE) initiative has had a positive impact on reducing speeds with a 30% decrease identified. She advised that staff are in the second round of moving the cameras to a different location, and that a report will be coming forward with respect to how many tickets have been issued from the red light camera program that was activated in September 2020. She further advised that many municipalities including Ajax are looking into adding ASE to their local streets and are working with the Region to get them installed and activated this year.

Discussion ensued with respect to receiving clarity over what the net revenue expectations are from the ASE program and whether the revenues would go back into safety initiatives in order to respond to public concerns.

11.2 Safety Upgrades at Main intersection in Sunderland

Councillor Smith thanked Commissioner S. Siopis, R. Jagannathan, and S. Kemp for their efforts with respect to safety upgrades made at one of the main intersections in Sunderland that were installed in late December 2020. He

advised that it has had the desired effect of slowing traffic down and increasing safety for pedestrians.

11.3 Main Street in Orono, in the Municipality of Clarington Project Timeframe

Councillor Foster requested confirmation of the timeframe for the completion of upgrades to Main Street in Orono, in the Municipality of Clarington. S. Siopis advised that works are currently forecasted for 2024-2025.

11.4 Concerns from the Public re: the EFW-WMAC Resolutions

Discussion ensued regarding the presentation made by G. Rocoski, Chair of the Energy from Waste – Waste Management Advisory Committee (EFW-WMAC) at Clarington Council in December 2020. Councillor Foster stated that the public is concerned that resolutions arising from the EFW-WMAC are being ignored and not being actioned by staff and/or the Works Committee. He requested that staff reach out to G. Rocoski to explain and provide clarification on how staff has responded to resolutions from the Committee as identified in the memorandum from S. Siopis listed as Item 7.1 A) of this agenda.

12. Date of Next Meeting

The next regularly scheduled Works Committee meeting will be held on Wednesday, February 3, 2021 at 9:30 AM in Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby.

13. Adjournment

Moved by Councillor John Neal, Seconded by Councillor McLean,
(10) That the meeting be adjourned.

CARRIED

The meeting adjourned at 11:02 AM

Respectfully submitted,

D. Mitchell, Chair

S. Glover, Committee Clerk