

Region of Waterloo
Transportation and Environmental Services
Water Services

To: Committee of the Whole
Meeting Date: June 1, 2021
Report Title: Notice of Completion for Regional Water System Upgrades in Cambridge and North Dumfries

1. Recommendation:

That the Regional Municipality of Waterloo accept the ‘Regional Water System upgrades in Cambridge and North Dumfries – Project File Report’ as summarized in this Report TES-WAS-21-14 dated June 1, 2021;

And that the Regional Municipality of Waterloo publish the Notice of Completion for the Regional Water System upgrades in Cambridge and North Dumfries and provide the Project File Report for a public review and comment period, in accordance with the Municipal Engineers Association’s Class Environmental Assessment process.

2. Purpose / Issue:

The Region has completed a Schedule ‘B’ Municipal Class Environmental Assessment to identify Regional water system upgrades in Cambridge and North Dumfries. A Project File Report has been prepared to document all phases of the study process and will be available for 30-day public review. A Notice of Completion will be issued to inform stakeholders and the public that the report will be available from June 15, 2021 to July 15, 2021 on the Region website. The Notice of Completion will be sent to those included on the project contact list and advertised in the local newspaper.

3. Strategic Plan:

The Regional Water System Upgrades in Cambridge and North Dumfries supports the Environment and Climate Action focus area in the 2019-2023 Strategic Plan by protecting our water resources (Objective 3.4).

4. Key Considerations:

- a) **Preferred water system upgrades:** The project team has completed the evaluation process and identified the preferred water system upgrades based on technical investigations, public consultation, and input from stakeholders. The preferred upgrades include:

- A new water tower on Cedar Creek Road, west of the City of Cambridge
- Well house upgrades to supply additional water from the existing Wells G4/G4A
- Improvements at the St. Andrews pumping station and tank site
- Inverness Water Tower decommissioning
- Watermain upgrades to support improved system performance and operation

b) **Public consultation:** Public consultation was conducted for affected stakeholders including local residents, City of Cambridge, Township of North Dumfries, Ministry of Environment Conservation and Parks, Cambridge Environmental Advisory Committee, and Indigenous communities (Haudenosaunee Confederacy, Mississaugas of the Credit First Nation, and Six Nations of the Grand River).

5. Background:

The Regional Water System Upgrades in Cambridge and North Dumfries builds on the recommendations from the Region of Waterloo 2011 Water Supply Master Plan Update and the Implementation Plan for Cambridge Water System Upgrades. The upgrades identified through this project will increase the efficiency, reliability and flexibility of the water system within the Study Area, support the optimization of the overall Cambridge water system, and help meet future water system needs.

The preferred upgrades were identified through an evaluation process that considered environmental, technical, social, and financial factors. Input was received from the public and stakeholders at key milestones in the project, including three Public Consultation Centres: Public Consultation Centre #1 held in November 2017, Public Consultation Centre #2 held in April 2019, and Public Consultation Centre #3 held virtually from December 9, 2020 to January 8, 2021.

6. Area Municipality Communication and Public/Stakeholder Engagement:

Area Municipality Communication: The project Steering Committee, which provides oversight for the alternatives development and evaluation process, includes two members of the City of Cambridge Council, the Mayor of the Township of North Dumfries, the Chief Administrative Officer of the Township of North Dumfries, and two City of Cambridge staff members. Four Steering Committee Meetings were conducted throughout the project to obtain feedback at key project milestones.

Public/Stakeholder Engagement: Three Public Consultation Centres were held for this project (November 2017, April 2019, and December 2020). Feedback was received from members of the public, the Cambridge Environmental Advisory Committee, developers, and area businesses. Key feedback received included comments regarding protecting the environment, avoiding impacts to local businesses and future

development, and minimizing visual impacts. The feedback received was incorporated into the evaluation process for identifying a preferred option.

7. Financial Implications:

The Region's 2021 Ten Year Capital Program includes approximately \$21M between 2021 and 2028 for the design and construction of the Regional Water System Upgrades in Cambridge and North Dumfries (04181). More detailed cost estimates will be developed through the detailed designs of the projects.

8. Conclusion / Next Steps:

Feedback received during the 30-day public review period of the Project File Report will be reviewed by the project team. If necessary, the Project File Report will be updated to address comments received. After comments for the Project File Report have been addressed, the Schedule 'B' Class Environmental Assessment will be complete. Detailed design for the preferred solution is scheduled to begin in 2022.

9. Attachments / Links:

N/A

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