

AGENDA

Technical Advisory Committee Meeting No.2 Northeast Vaughan Water and Wastewater Servicing

Project Numbers 75530 and 75310, Contract Number P-13-62

1. Meeting Details

1.1 Date, Time, Location and List of Invitees

- Date of Meeting: April 8, 2015
- Time of Meeting: 2:00 pm to 4:30 pm
- Location: Vaughan City Hall, 2141 Major Mackenzie Drive, Vaughan, Ontario
- Room Number: Committee Room 246, located on second floor
- Invitees:
 - Tammy Silverstone, Beata Rancourt and Jeff McNeice - York Region
 - Michael Frieri, Tony Artuso and Deepak Panjwani - City of Vaughan
 - Suzanne Bevan - Toronto and Region Conservation Authority
 - Nisha Shirali - Ministry of the Environment and Climate Change
 - Marek Wiesek - Ministry of Transportation
 - Stefan Linder - Canadian National Railway Company
 - George Godin, Chris Hunter, Ian Dobrindt and Erika Brown - Conestoga-Rovers & Associates

1.2 Facilitator

The meeting will be facilitated by Ian Dobrindt from Conestoga-Rovers & Associates.

1.3 Purpose

The purpose of the meeting is to obtain feedback on the recommended water and wastewater servicing solutions and new water and wastewater infrastructure prior to Public Consultation Centre No. 1.

2. Meeting Discussion Topics

2.1 Introductions

Tammy Silverstone and Ian Dobrindt will lead the meeting introductions which will include the following topics:

- Welcome and Meeting Purpose
- Technical Advisory Committee Meeting No. 1 Summary
- Homework Review, including Study Area Considerations

The duration of this agenda item will be approximately twenty (20) minutes.

2.2 Water and Wastewater Service Areas

Chris Hunter will lead the meeting agenda item, Water and Wastewater Service Areas, which will include presentation and discussion of the following topics:

- Update, Description, and Rationale

The duration of this agenda item will be approximately ten (10) minutes.

2.3 Water and Wastewater Servicing Solutions

Chris Hunter will lead the meeting agenda item, Water and Wastewater Servicing Solutions, which will include presentation and discussion of the following topics:

- Screening Assessment Results
- Recommendations (Optimization and Upgrades/Enhancements)

The duration of this agenda item will be approximately twenty (20) minutes.

2.4 New Water Infrastructure

Chris Hunter will lead the meeting agenda item, New Water Infrastructure, which will include presentation and discussion of the following topics:

- Alternative Storage Sites and Watermains

The duration of this section will be approximately twenty (20) minutes.

At this time the meeting will break for approximately ten (10) minutes.

2.5 New Wastewater Infrastructure

Chris Hunter will lead the meeting agenda item, New Wastewater Infrastructure, which will include presentation and discussion of the following topics:

- Alternative Sewer Routes

The duration of this section will be approximately twenty (20) minutes.

2.6 Proposed Evaluation Methodology and Criteria for Assessing Alternative Sites/Routes

Ian Dobrindt will lead the presentation and discussion of the Proposed Evaluation Methodology and Criteria for Assessing Alternative Sites/Routes, which will have a duration of approximately ten (10) minutes.

2.7 Public Consultation Centre No. 1

Ian Dobrindt will lead the presentation and discussion of Public Consultation Centre No. 1, which will have a duration of approximately ten (10) minutes.

2.8 Project Status and Schedule

Tammy Silverstone will lead the presentation and discussion of the project status and schedule, which will have a duration of approximately ten (10) minutes.

2.9 Next Steps and Future Meetings

Ian Dobrindt will lead the meeting agenda item, Next Steps and Future Meetings, which will include presentation and discussion of the following topics:

- Technical Advisory Committee Meeting No. 3 (recommended alternative water and wastewater sites/routes)

The duration of this section will be approximately five (5) minutes.

2.10 Homework, Additional Questions, and Discussion

Ian Dobrindt will close the meeting with a discussion of homework and will open the floor to additional questions and discussion.

The duration of this section will be approximately fifteen (15) minutes.



MEETING MINUTES

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1.1 Date, Time, Location and List of Invitees

- Date of Meeting: April 8, 2015
- Time of Meeting: 2:00 pm to 4:30 pm
- Location: Vaughan City Hall, 2141 Major Mackenzie Drive, Vaughan
- Room Number: Committee Room 246
- Participants:
 - Tammy Silverstone (TS), Beata Rancourt (BR) Jeff McNeice (JM), Mia Donaldson (MD) – York Region
 - Michael Frieri (MF), Tony Artuso (TA) – City of Vaughan
 - Al Steedman (AS) – Schaeffers Consulting Engineers, Building Industry and Land Development Association
 - Suzanne Bevan (SB) – Toronto and Region Conservation Authority
 - Rita Venneri (RV) – Ministry of Transportation
 - George Godin (GG), Chris Hunter (CH), Ian Dobrindt (ID) and Erika Brown (EB) – Conestoga-Rovers & Associates

1.2 Facilitator

The meeting was facilitated by Ian Dobrindt from Conestoga-Rovers & Associates.

1.3 Purpose

The purpose of the meeting was to obtain feedback on the recommended water and wastewater servicing solutions and new water and wastewater infrastructure prior to Public Consultation Centre No. 1.

1.4 Supplemental Material

A copy of the slide presentation is attached.

2. Agenda Topics

2.1 Introductions

Tammy Silverstone and Ian Dobrindt led the meeting introductions and presented the following:

- Welcome and Meeting Purpose
- Technical Advisory Committee Meeting No. 1 Summary
- Homework Review, including Study Area Considerations

The following comment and response was provided during this portion of the presentation.

- **Comment 2.1.1 (RV):** With respect to study area considerations, the Ministry of Transportation prefers infrastructure to cross their highways rather than run parallel within their right-of-way. **Response:** This preference has been noted by the Project Team.

2.2 Water and Wastewater Service Areas

Chris Hunter presented the following:

- Update, Description, and Rationale for the Water and Wastewater Service Areas

2.3 Water and Wastewater Servicing Solutions

Chris Hunter presented the following:

- Screening Assessment Results (combination of optimization, upgrades/enhancements, and new infrastructure)
- Description of Recommendations (water and wastewater optimization)
- Description of Recommendations (water and wastewater upgrades/enhancements)

The following questions and responses were provided during this portion of the presentation:

- **Question 2.3.1 (JM):** Although this Environmental Assessment is considering the servicing needs to the year 2051, is it only focusing on optimization, upgrades/enhancements, and the construction of new infrastructure that is to take place within the next 10 years (i.e., the timeframe for which projects

approved via the Municipal Class Environmental Assessment are valid before being formally reviewed via an addendum process)? **Response:** While the implementation of the optimization, upgrades/enhancements, and new infrastructure recommendations resulting from this Environmental Assessment will likely take place within the 10-year timeframe, there may be some new infrastructure that would be constructed beyond the 10-year timeframe.

- **Question 2.3.2 (RV):** In terms of the screening assessment results, rather than showing both an “X” and “check-mark” in some instances, could the Alternatives be subdivided such that 2.a, for example, represents meeting the problem/opportunity in the shorter-term and 2.b represents meeting the problem/opportunity to 2051? Or perhaps there could be a third symbol to represent partially meeting an objective. **Response:** The Project Team will consider these options as well as others proposed (i.e., using a glass symbol – empty (does not satisfy the category), half-full (partially satisfies the category), and completely full (fully satisfies the category) for presenting the screening assessment results to the public at Public Consultation Centre No. 1 (**ACTION ITEM**).
- **Question 2.3.3 (TA):** Will this project be considering options to service Kleinburg? **Response:** This project will create redundancy for the Kleinburg system by connecting it to Pressure District 7, but is not focused on servicing Kleinburg. The West Vaughan Servicing Study will also be evaluating options for servicing this area of Kleinburg.
- **Question 2.3.4 (TA):** Is twinning an existing sewer considered new infrastructure? **Response:** Yes. There is no opportunity to increase the capacity of the existing York Durham Sewage System through upgrades/enhancements.
- **Question 2.3.5 (JM):** Does this modelling take into account all existing and all planned and approved water and wastewater infrastructure within York Region? **Response:** Yes.

2.4 New Water Infrastructure

Chris Hunter presented the following:

- Description of Recommendations (new water infrastructure – alternative storage sites and watermains)
- Approach for Developing Water Storage Sites and Watermain Routes
- Potential Site Areas for Pressure Districts 7, 8, and 9

The following questions, comments and responses were provided during this portion of the presentation.

- **Comment 2.4.1 (RV):** The Ministry of Transportation requires a minimum setback of 14 metres from its easements for any permanent infrastructure (e.g., elevated water storage tank). Permanent infrastructure to be sited within 45 metres of Ministry of Transportation easements will require a permit from Ministry of Transportation. **Response:** This has been noted by the Project Team and will be considered as part of the proposed comparative evaluation step of the project as appropriate (**ACTION ITEM**).
- **Question 2.4.2 (BR):** Can we consider new reservoirs with pumping as well as elevated tanks? **Response (CH):** New reservoirs with pumping would require a lot more space and would also include much higher life cycle costs than elevated tanks. The Project Team will ensure that this option is discussed and formally ruled out in the Environmental Assessment documentation for clarity (**ACTION ITEM**).
- **Question 2.4.3 (RV):** Does York Region have the ability to expropriate for this project? **Response:** Yes.
- **Comment 2.4.4 (RV):** York Region has a number of road projects going on within the service areas which could influence this project. The GTA West corridor is also nearby – RV to confirm whether it falls within the service areas (**ACTION ITEM**). Other on-going projects in the service areas will be considered as part of the proposed screening and/or comparative evaluation steps of the project to capture potential synergies of combining infrastructure works (**ACTION ITEM**).
- **Question 2.4.5 (JM):** Is the Ministry of Natural Resources and Forestry Natural Heritage Information Centre data related to species at risk being considered in this project? **Response:** Yes.
- **Question 2.4.6 (TA):** Do each of the Pressure Districts (7, 8 and 9) require a new elevated tank? **Response:** Yes.
- **Question 2.4.7 (TA):** The City of Vaughan Water and Wastewater Master Plan indicates that the City needs a new local watermain in Pressure District 7, Area 2. Could this local watermain connect to York Region’s watermain? **Response (TS):** York Region will need to discuss this internally and get back to the City (**ACTION ITEM**).
- **Question 2.4.8 (ID):** Are there other opportunities for York Region to work with the City of Vaughan with respect to servicing the population in this area? **Response (TA):** Yes. The Region is currently collaborating with the City of Vaughan.

- **Comment 2.4.9 (MF):** Everyone will benefit if the City and the Region can work together on this. **Response (ID):** Agreed. Before officially eliminating any options, the Project Team will meet with the City to review the sites and routes to ensure the ones being carried forward align with the City's plans as much as possible and where practical (**ACTION ITEM**).
- **Question 2.4.10 (SB):** Within Area 4 – Pressure District 7, where would the proposed new infrastructure connect to the existing watermains? There is a particular concern about any new proposed infrastructure along Teston Road between Keele Street and Dufferin Street (where there is currently no actual road)? **Response (CH):** New infrastructure would connect to the existing watermain on Keele Street and would not go through this environmental area associated with the unopened Teston Road allowance.
- **Comment 2.4.11 (TA):** It is possible that the final locations for these three elevated tanks could be quite close to one another. **Response (CH):** Yes, that is a possibility. The proximity of each tank to the others will need to be considered in the comparative evaluation of the alternative sites (**ACTION ITEM**).

2.5 New Wastewater Infrastructure

Chris Hunter presented the following:

- Description of Recommendations (new wastewater infrastructure – alternative sewer routes)
- Approach for Developing Sewage Routes
- Alternative Sewer Routes

The following questions, comments and responses were provided during this portion of the presentation.

- **Comment 2.5.1 (JM):** A portion of Route 5 appears to be within the valley to the east of Keele Street between Rutherford Road and Langstaff Road. Although there is currently a sewer located there, twinning it would require the use of intrusive construction techniques. It is recommended that the Region avoid this area, if possible. **Response (CH):** It is possible that this segment will be ruled during the comparative evaluation for these types of reasons.
- **Question 2.5.2 (MF):** Will the list of alternative sewer routes be compared against the options that the City of Vaughan has adopted through their Water and Wastewater Master Plan? It is important that the City and Region work together to ensure any new York Region infrastructure compliments the City's plans. **Response (TS):** Yes, the comparative evaluation will consider the City of

Vaughan's Water and Wastewater Master Plan, but the recommendations will not be identified based solely on the City's Plan. There are a number of other important factors that the Project Team will need to take into consideration for the evaluation.

- **Question 2.5.3 (MF):** The City of Vaughan Water and Wastewater Master Plan should be weighted heavily in the evaluation. The City is open to working with York Region to come up with the best solution, but the recommendations developed through this project will need to accommodate the City's development plans. The new hospital on Jane Street should probably be a criterion in and of itself. **Response (ID):** The Technical category for the comparative evaluation will be updated to include a criterion specifically related to the City's Water and Wastewater Master Plan and York Region will meet with the City to discuss the recommendations prior to going to the public via Public Consultation Centre No. 2 (**ACTION ITEM**).
- **Question 2.5.4 (RV):** If a new sewer is to go underneath Highway 400 there is a minimum depth that the Ministry of Transportation requires for that infrastructure. RV to look into what that depth would need to be (**ACTION ITEM**). **Response (CH):** Depending on what the Ministry of Transportation minimum depth is, that requirement could disadvantage the alternative route crossing Highway 400.

2.6 Proposed Evaluation Methodology and Criteria for Assessing Alternative Sites/Routes

Ian Dobrindt presented the following:

- Confirmation of the Preferred Water and Wastewater Servicing Solutions
- Identification of Recommended Water Storage Sites and Watermain Routes

2.7 Public Consultation Centre No. 1

Ian Dobrindt presented the following:

- Dates, Locations, Times, and Format for the First Round of Public Consultation Centres

2.8 Project Status and Schedule

Tammy Silverstone presented the following:

- Optimization Study, Class Environmental Assessment Study and Preliminary Design and Feasibility Study Schedule

The following questions, comments and responses were provided during this portion of the presentation.

- **Question 2.8.1 (SB):** In advance of Public Consultation Centre No. 2, what level of Toronto and Region Conservation Authority review would York Region be expecting? It may be beneficial for Toronto and Region Conservation Authority to review the recommendations in advance of Public Consultation Centre No. 2 so that they can support them. **Response (ID):** The Project Team will hold at least one working session with Toronto and Region Conservation Authority to work through the recommendations, obtain feedback, and make any necessary modifications in advance of Public Consultation Centre No. 2 (**ACTION ITEM**).
- **Question 2.8.2 (MF):** Will this project satisfy all Schedule B and C requirements associated with what is proposed to be built (i.e., will the design be construction-ready at project conclusion)? **Response (ID):** Yes. At this point we anticipate only Schedule A, A+ or B activities, which will all be covered off by this Class Environmental Assessment Study. Should any Schedule C activities be identified, they will also be covered off by this Class Environmental Assessment Study as it is also satisfying the requirements of a Schedule C Class Environmental Assessment.
- **Question 2.8.3 (ID):** What has the City of Vaughan heard regarding York Region capital deferral? **Response (MF):** The City understands that York Region will be revisiting the deferrals in the fall of 2015 and it is hoped that there will be a better understanding of the deferral timelines at that point.
- **Comment 2.8.4 (JM):** Jeff asked to be kept in the loop regarding field investigations to be undertaken as the project moves forward. It is likely that York Region has already completed studies in some of the areas where fieldwork is to be undertaken for this study, so this information could be shared to avoid duplication of effort. Jeff would also like to review the fieldwork methodology in advance of any fieldwork. **Response (ID):** The Project Team has noted this request and will liaise with Jeff in advance of any fieldwork (**ACTION ITEM**).

2.9 Next Steps and Future Meetings

Ian Dobrindt presented the following:

- Upcoming Project Activities i) confirm long list of alternative water storage sites and alternative sewer routes ii) undertake field investigations iii) assess alternative sites and routes iv) identify recommended water storage sites and sewer route

- Technical Advisory Committee Meeting No. 3 (recommended alternative water and wastewater sites/routes) – September 2015

2.10 Homework, Additional Questions, and Discussion

Ian Dobrindt presented the following:

- Homework for Technical Advisory Committee Members i) identify any sensitive environmental features within and/or in the vicinity of the long list of alternative water storage sites and alternative sewer routes for the Project Team's consideration and ii) provide feedback on preliminary evaluation criteria including any additional criteria or considerations that the Project Team should possibly apply to the alternative water storage sites and sewer routes (**ACTION ITEMS**)

This confirms the recorder's interpretation of the discussions which occurred and understanding reached during this meeting. Unless notified in writing within 7 days of the date issued, we will assume that this recorded interpretation or description is complete and accurate.