Today’s Agenda

6:00 pm – 6:30 pm: Open House

6:30 pm – 7:00 pm: Presentation

7:00 pm – 8:30 pm: Open House Continuation
Purpose of this PCC

• Recap from the Public Information Centre (PIC) held on June 16, 2016
  – Purpose of the study, process and timeline

• Work completed since the June PIC
  – Draft Subwatershed Study
  – Infrastructure Constraints and Opportunities
  – Ongoing Evaluation of Land Use Options

• Outline next steps and opportunities to provide input
Project Team

• Project partners:

[Logos of Region of Waterloo, Cambridge, Woolwich Township, and Grand River Conservation Authority]

• Consulting team:

[WSP, MMM Group]
Purpose of the Study

• Establish a framework for development to occur in portions of the Stage 2 Lands

• Goal of the study:

  “How to effectively and efficiently service and develop the Stage 2 Lands in an environmentally sustainable manner.”
Outcomes of the Study

MESP and Technical Appendices

– What environmental features must be protected and what lands are subject to natural hazards (Subwatershed Study)?
– What infrastructure is required to support future development?
– How will infrastructure be financed and implemented?

Secondary Plan

– What land uses and development will be permitted (in Cambridge)?
<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction and Background Review</td>
<td>Feb-June 2016</td>
</tr>
<tr>
<td></td>
<td>• Presentation of Background Review and Gaps Analysis Report</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td><strong>Draft Subwatershed Study and Preliminary Assessments</strong></td>
<td>July-Dec 2016</td>
</tr>
<tr>
<td>3</td>
<td>Draft MESP and Technical Appendices</td>
<td>Winter 2017</td>
</tr>
<tr>
<td>4</td>
<td>Draft Secondary Plan and Revised MESP</td>
<td>Spring 2017</td>
</tr>
<tr>
<td>5</td>
<td>Finalization</td>
<td>Spring-Summer 2017</td>
</tr>
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Recently Completed and Ongoing Work

1. Draft Subwatershed Study
   – To be posted for public review after the PCC
2. Preliminary assessment of infrastructure constraints and opportunities
3. Ongoing evaluation of land use options
1. Draft Subwatershed Study for the Randall and Breslau Drains
Draft Subwatershed Study

• Draft Subwatershed Study for the Randall and Breslau Drains has been prepared
  – To be posted to [www.regionofwaterloo.ca/EastSide](http://www.regionofwaterloo.ca/EastSide) after the PCC

• Please provide your input and comments
Purpose of the Subwatershed Study

• Understand relationships between groundwater, surface water and natural heritage features

• Provide guidance to maintain or enhance natural features and functions in a Natural Heritage System

• Two levels of study
  – Project Study Area
  – Stage 2 Lands
Subwatershed Study – Assessment

• Existing conditions have been characterized to inform constraints and opportunities

• Data sources included:
  – Background information
  – Existing studies
  – Field work

• Physiography, Groundwater, Surface Water, Terrestrial and Aquatic features - form and function were assessed
Results – Water and Floodlines

Legend
- Project Study Area
- Stage 2 Lands
- East Side Lands
- Municipal Boundary
- Existing Roads
- Property Boundaries
- Airport Lands
- Regulated Watercourse
- Engineered Floodline
- Floodline Spillways
- Recommended Greenlands Network
- Supporting Environmental Feature

The Greenlands Network and Floodlines are DRAFT and may be subject to change.
Results – Natural Heritage

Legend
- Project Study Area
- Stage 2 Lands
- East Side Lands
- Municipal Boundary
- Existing Roads
- Regulated Watercourse
- Property Boundaries

Ecological Linkages - Existing Studies
- Hespeler West SWS Linkage / Enhancement
- East Side Phase 1 Linkage / Corridors
- Riverland Supporting Linkages

Core Environmental Features
- Provincially Significant Wetland
- Significant Woodland
- Environmentally Sensitive Policy Area

Candidate Environmentally Significant Policy Areas
- Area of Natural and Scientific Interest
- Environmentally Significant Valley Feature

Supporting Environmental Features
- LSN - City of Cambridge
- LSNF - Township of Woolwich

Wetland Complexing Assessment Results
- Evaluated – Non-PSW
- Evaluated – PSW
- Further Study Required
- Subject to Pt License & Restoration Plan
- No longer a wetland
Preliminary Recommendations

• Constraints to development consist of:
  – Modeled flood lines and other natural hazards (e.g. steep slopes, meander belts)
  – Natural Heritage System, including regulated watercourses and feature-based ecological buffers (10 – 30 metres)
  – It is the greatest of the constraints that forms the development limit

• Recommendations for future monitoring activities
Preliminary Recommendations
2. Preliminary Evaluation of Infrastructure Opportunities and Constraints
Transportation Constraints/Opportunities

• There are many proposed roadway widenings and extensions within and near the East Side Lands
  – There are current capacity issues along some major roads near the East Side Lands

• Need to consider how future development will impact roads
  – Consideration for alternative transportation modes
Infrastructure Constraints/Opportunities

• Water servicing not a key constraint to development

• Wastewater servicing subject to planned capacities of Regional systems:
  – Regional Wastewater Master Plan underway
  – East Side Lands Sanitary Servicing EA underway

• Master Drainage Plan will identify contemporary approaches for stormwater management
3. Ongoing Evaluation of Land Use Options
Land Use Considerations

• Future land uses within Stage 2 Lands will be determined through this study

• Land uses will be determined to implement/conform to Regional and Provincial Policy

• Land uses also subject to development constraints:
  – Environmental Constraints
  – Airport Constraints
  – Infrastructure required to support development
Up to 55 hectares of primarily residential uses is to be designated near Breslau (shown conceptually).
Up to 115 hectares of land is to be designated for urban uses in Cambridge (shown conceptually).
Other Policy Considerations

• Development is also subject to other land use planning policy by the Province, Region and local municipalities.

• A key consideration is the density of development:
  – Region currently requires 55 “people and jobs per hectare”
  – Province has proposed 80 “people and jobs per hectare” in the Draft Growth Plan for the Greater Golden Horseshoe (2016)
  – Further evaluation of these requirements is needed
Sensitive land uses are not permitted in the 30 NEF/NEP contour.

Note: This map represents existing conditions and is subject to the Airport Master Plan process.
Required Infrastructure

• Once preferred land uses are identified, infrastructure requirements will be determined

• Identification and evaluation of alternatives will begin in early 2017

• MESP will identify recommended improvements, which will be implemented after the MESP is complete
Next Steps and Opportunities for Input
Next Steps

1. Post the Draft Subwatershed Study after this PCC for review and comment:
   – Visit www.regionofwaterloo.ca/eastside

2. Receive comments and finalize the Subwatershed Study over Winter 2017
   – Please send comments by Jan. 31, 2017

3. A PCC will be held in Spring 2017 to present the land use concept and infrastructure alternatives
Opportunities for Input

• Three more public events are planned:
  – **Winter/Spring 2017** to present the Draft MESP
  – **Spring/Summer 2017** to present the revised MESP (preferred solutions) and the Draft Secondary Plan
  – **Summer 2017** to present the final documents

• Consultation is considered on-going
  – Visit [www.regionofwaterloo.ca/eastside](http://www.regionofwaterloo.ca/eastside)