

SPECIAL JOINT MEETING

**ENVIRONMENTAL ADVISORY COMMITTEE &
RIVER SYSTEMS ADVISORY COMMITTEE
WEDNESDAY, MARCH 14, 2018 AT 7:00 P.M.**

**COUNCIL COMMITTEE ROOM C
MINUTES**

EAC Members

Present: C. Oaks (Chair) M. Wilson
A. Baron L. Todd
A. Singh V. Capmourteres
A. Miller A. Mason

Regrets: L. Renzetti,

RSAC Members

Present: R. VanEngen K. Flower
A. Grosse E. Wilson
N. Lower

Regrets: M. Pushkar, B. Smith

City: A. Nix, A. Labbe, S. Laughlin, A. Hindupur, M. Myhill, B. Blackport
(Matrix Solutions Inc.), M. Ursic (Beacon Environmental), R.
Scheckenberger (Wood plc. formerly Amec Foster Wheeler), L. Howson
(Macaulay Shiomi Howson Ltd.)

External Groups:

- 1. Call to Order**
The meeting was called to order at 7:05 pm.
- 2. Call and Certification of Quorum**
Attendance was noted and a quorum was declared.
- 3. Declarations of Pecuniary Interest or Conflict of Interest**
None
- 4. Clair-Maltby Secondary Plan**

Arun Hindupar, Supervisor of Infrastructure Engineering with the City of Guelph, introduced the agenda for the presentation and introduced the Clair-Maltby project team.

- Ron Scheckenberger from Wood plc reviewed project updates, timelines, and study components – currently into Phase 2 which will conclude after the charrette
- Reviewed study scales, key CEIS tasks, and background information

Bill Blackport from Matrix Solutions discussed the hydrogeological findings and monitoring techniques.

- Reviewed long-term groundwater level monitoring for Hall's Pond – downward hydraulic gradients reflecting recharge in the Paris Moraine and bedrock aquifer
- Presented graphs and seasonal trends (per the year 2 monitoring report)
- Further refinement of the runoff characteristics in the study area and the role of water in supporting natural systems functionality being looked at moving into Phase 3. This information will be a fundamental component of the development of stormwater management plan
- Reviewed precipitation totals and temperature data collected to date

Margot Ursic from Beacon Environmental presented information related to significant landform, wetlands, the Natural Heritage System, vegetation communities, and wildlife including wildlife habitat, linkages and species movement/mortality (existing roads).

Liz Howson from Macaulay Shiomi Howson Ltd. reviewed conceptual land use, preliminary population and employment projections.

- Review of preliminary stormwater management considerations – beginning to tie information together to understand and define principles to guide stormwater management (i.e. internally draining/infiltrating system to mimic existing characteristics)
- Considering best management practices and LID to complement existing uses and functionality
- Location, size, geometry, form, and other complementary considerations – extent of LID BMP uptake/capture, overland flow routes for extreme events, future catchments, pre-treatment needs and seasonal considerations
- Require developers to build for infiltration – rethinking what an urban landscape looks like (i.e. not traditional wet storm water management ponds)

City staff and consultant team were available to answer questions.

General discussion:

- Comparisons between old subwatershed studies and new data
- Groundwater vulnerability updates – constraints and management
- Protection of HDFs – identified sites are already within the NHS
- Fish habitat – identified sites are already within the NHS
- Water quality – full range of indicators being collected as part of baseline

- Source water protection information is not being updated through this process – water quality and quantity protection is in the study scope
- Water quality samples are showing pesticides in some locations – redevelopment to other uses may offer opportunity to change this over time
- Hydrology – enough sample size to cover broad site. Study design took advantage of where site access was provided. Using shared information where it is available
- Private well monitoring out of scope. Future development/redevelopment will be on municipal services and wells would be decommissioned

Liz Howson introduced the design charrette and took Committees through evaluation exercise.

- Alternative #1 – Featuring the Green: Less dense, greater public access/views of NHS (single loaded roads), fewest crossings of the NHS, lower end of density range, SWM areas shown (for quantity) taking advantage of existing topography, green gateway to the City
- Alternative #2 – Focus on Community Services: Heavier focus on commercial services, alternate road patterns, less road frontage along the NHS, more mid density development, partial redevelopment of rolling hills, commercial gateway to the City
- Alternative #3 – Connected and Urban: Much more connected road system through NHS in places, full redevelopment of rolling hills, highest density range, looks at co-locating SWM, parks and schools, mixed use gateway to the City

Ron Scheckenberger reviewed the Stormwater Management Considerations and an additional evaluation form was provided to the Committees for feedback and ideas on the SWM approach.

The Environmental Advisory Committee and River Systems Advisory Committee completed the CMSP charrette exercise.

The River Systems Advisory Committee went into Committee to discuss.

Moved by K. Flower and seconded by R. VanEngen,

AMENDMENT

Moved by A.Grosse and seconded by K. Flower,

In response to the CMSP charrette exercise, the River System Advisory Committee recommends:

- **That defragmentation of natural heritage and enhancement of natural heritage connectivity be added as a target based on study data; and**
- **That monitoring of surface and groundwater quality continues post-development including analysis of pesticides.**

**Motion Carried
-Unanimous-**

The Environmental Advisory Committee went into Committee to discuss.

Moved by A. Baron and seconded by V. Capmourteres,

AMENDMENT

Moved by A. Miller and seconded by A. Baron,

The Environmental Advisory Committee moves that:

It is difficult to provide meaningful feedback on the concepts provided today without having receiving the results on the 2017 monitoring work and background information review and requests that the opportunity to comment on the MESP is afforded **prior to staff presenting the final MESP and Secondary Plan to Council for approval.**

**Motion Carried
-Unanimous-**

Moved by R. VanEngen and seconded by A. Grosse,

THAT the River Systems Advisory Committee be adjourned at 9:35 p.m.

**Motion Carried
-Unanimous-**

5. Other Business

City Response to LID Manual by MOECC

- EAC members expressed concerns with City response to MOECC LID Stormwater Management Guidance Manual.

Moved by A. Baron and seconded by A. Singh

THAT the Environmental Advisory Committee be adjourned at 10:00 p.m.

**Motion Carried
-Unanimous-**