

**4TH REPORT OF THE
ENVIRONMENTAL AND ECOLOGICAL PLANNING
ADVISORY COMMITTEE**

Meeting held on April 20, 2017, commencing at 5:00 PM, in Committee Rooms #1 and #2, Second Floor, London City Hall.

PRESENT: S. Levin (Chair), E. Arellano, L. Des Marteaux, C. Evans, P. Ferguson, S. Hall, D. Hiscott C. Kushnir, K. Moser, S. Peirce, A. Regehr, N. St. Amour, R. Trudeau and I. Whiteside and H. Lysynski (Secretary).

ABSENT: A. Boyer, S. Madhavji, J. Stinziano, M. Thorn and N. Weerasuriya.

ALSO PRESENT: C. Creighton, J. MacKay, S. Mathers and L. McDougall.

I. CALL TO ORDER

1. Disclosures of Pecuniary Interest

That it BE NOTED that no pecuniary interests were disclosed.

II. SCHEDULED ITEMS

2. One River Environmental Assessment: Background and Environmental Work Plan

That it BE NOTED that the Environmental and Ecological Planning Advisory Committee (EEPAC) received the attached presentation from S. Mathers, Manager, Water Engineering, with respect to the One River Environmental Assessment: Background and Environmental Work Plan.

III. CONSENT ITEMS

3. 3rd Report of the Ecological and Environmental Planning Advisory Committee

That it BE NOTED that the 3rd Report of the Environmental and Ecological Planning Advisory Committee, from its meeting held on March 16, 2017, was received.

4. 4th and 5th Reports of the Advisory Committee on the Environment

That it BE NOTED that the 4th and 5th Reports of the Advisory Committee on the Environment from its meetings held on March 1 and April 5, 2017, respectively, were received.

5. Municipal Council Resolution - Woodland Acquisition Fund changes

That it BE NOTED that the Municipal Council resolution from its session held on March 21, 2017, with respect to the Woodland Acquisition Fund changes, was received.

6. Municipal Council Resolution - 3rd Report of the Environmental and Ecological Planning Advisory Committee

That it BE NOTED that the Municipal Council resolution from its session held on April 4, 2017, with respect to the 3rd Report of the Environmental and Ecological Planning Advisory Committee, was received.

7. Eagle Ridge Environmental Impact Statement Update - 810 Westdel Bourne, Portion of 1055 Westdel Bourne, 1079 Westdel Bourne, 1959 and 1997 Oxford Street West (39T-1501/Z-8725)

That it BE NOTED that S. Levin indicated that he would review the Eagle Ridge Environmental Impact Statement update with respect to the properties located at 810 Westdel Bourne, a portion of 1055 Westdel Bourne, 1079 Westdel Bourne, 1959 and 1998 Oxford Street West with a report back at the next Environmental and Ecological Planning Advisory Committee meeting.

8. Fulbright Canada RBC Eco-Leadership Grant

That the Fulbright Canada RBC Eco-Leadership Grant discussion BE POSTPONED to the June 22, 2017 Environmental and Ecological Planning Advisory Committee meeting to allow Mr. J. Stinziano an opportunity to provide input on this matter.

9. Medway Environmentally Significant Area - Community Day Event

That it BE NOTED that the communication from L. McDougall, Ecologist Planner, with respect to the Medway Environmentally Significant Area Community Day Event to be held on Saturday, May 6, 2017, was received.

10. Commissioners Road Realignment - Class Environmental Assessment Study - Notice of Public Information Centre No. 1

That it BE NOTED that the communication submitted by S. Keen, Consultant Project Manager, CIMA Canada Inc. and T. Koza, Project Manager, the City of London, with respect to the Notice of Public Information Centre No. 1 for the Commissioners Road Realignment - Class Environmental Assessment Study, was received.

11. Victory for Snapping Turtles

That it BE NOTED that the communication from S. Levin, with respect to the cessation of the hunting of snapping turtles in Ontario, was received.

IV. SUB-COMMITTEES & WORKING GROUPS

None.

V. ITEMS FOR DISCUSSION

12. Workplan

That the Committee Secretary BE REQUESTED to place the 2017 Environmental and Ecological Planning Advisory Committee Work Plan on every Agenda.

13. London's Cats and Birds Brochure

That the Environmental and Ecological Planning Advisory Committee held a general discussion with respect to their proposed "Is your cat safe outdoors?" brochure; it being noted that the Members were requested to provide feedback on where the pamphlet should be distributed, noting that veterinary offices, placing the brochure in with the license renewal and putting a link in the pamphlet to the City of London website by-law section, were discussed.

14. Lower Dingman Trails Advisory Group

That R. Trudeau BE APPOINTED as the Alternate Representative to the Lower Dingman Trails Advisory Group; it being noted that the EEPAC currently has a Representative on the Lower Dingman Trails Advisory Group.

VI. DEFERRED MATTERS/ADDITIONAL BUSINESS

15. (ADDED) Green Standards for Light Pollution and Bird Friendly Development

That the Environmental and Ecological Planning Advisory Committee (EEPAC) held a general discussion with respect to their proposed "Green Standards for Light Pollution and Bird-Friendly Development" pamphlet; it being noted that the Working Group was requested to seek feedback from the Civic Administration, the London Development Institute and the Advisory Committee on the Environment and to report back at the next EEPAC meeting.

16. (ADDED) Earth Day London 2017

That it BE NOTED that the communication from C. Creighton, Land Use Planner, Upper Thames River Conservation Area, with respect to the Earth Day London 2017 to be held on April 23, 2017, was received.

17. (ADDED) June EEPAC Meeting Date

That it BE NOTED that the Environmental and Ecological Planning Advisory Committee changed its June 15, 2017 meeting date to June 22, 2017 at the request of the Committee Secretary.

18. (ADDED) Signage

That the Animal Welfare Advisory Committee BE REQUESTED to consider a public education initiative with respect to asking people to not feed birds bread; it being noted that the EEPAC Members have noticed people feeding birds bread on several occasions in park areas.

VII. ADJOURNMENT

The meeting adjourned at 6:40 PM.

NEXT MEETING DATE: May 18, 2017



One River EA



EEPAC Meeting:
One River EA: Background and Environmental Work Plan
April 20, 2017



Outline Today's Discussion

- EEPAC Engagement: Why are we here?
- One River EA: Background
- Environmental Inventory Approach
- Next Steps



EEPAC Terms of Reference

- Monitor and provide advice on reports, projects and processes that may impact the natural heritage system, including Areas Plans, Natural Heritage Studies, **Environmental Impact Studies (EIS)**, Subject Land Status report, **Environmental Assessments**, etc.;

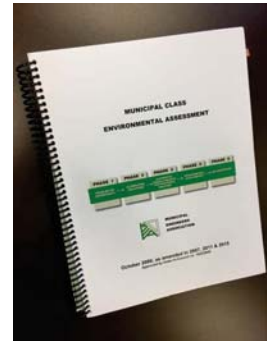


Environmental and Ecological Planning Advisory...
City of London's Official Plan, including London's natural heritage systems as it relates to Environmentally Significant Areas



Typical EA EEPAC Engagement

- EIS is scoped.
- Submit draft or final EIS and EA to EEPAC.
- Receive comments and revise documents as per EEPAC comments.



One River EA EEPAC Engagement

EEPAC Project Task

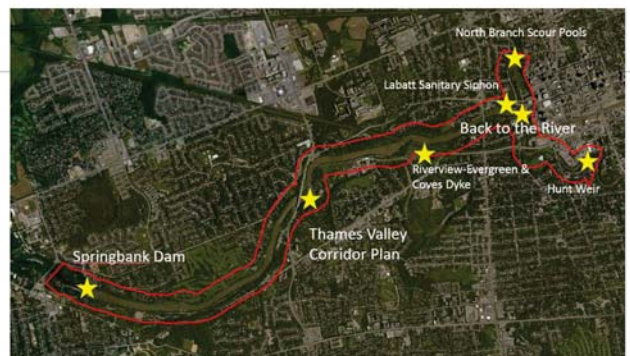
- EEPAC engagement included as a specific task in the Consultant Work Plan.

Contact Points

- Initial Background Presentation.
- Follow-up with status update during alternative analysis.
- Presentation of EIS materials following selection of preferred alternative.
- Work program requires the Consultant develop a table that will outline a response to EEPAC comments for two (2) rounds of comments.
- The Consultant will also update any other related reports as required.



One River EA Study Area





One River EA Background *Species at Risk*

- 10 Species at Risk identified by MNRF.
- 3 Endangered
 - Eastern Spiny Softshell,
 - Queensnake, and
 - Salamander Mussel.
- 4 Threatened and 3 Special Concern.



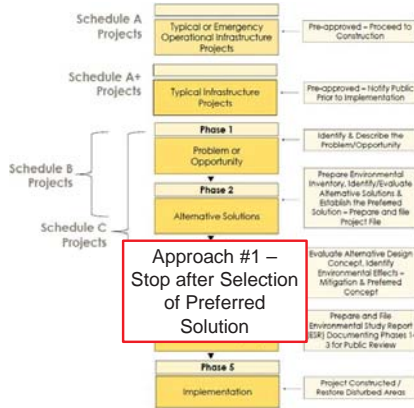
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ENVIRONMENT & ENGINEERING

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One River EA Background

- Agency Engagement
 - Terms of Reference
 - Request for Proposal
- Consultant Selection process
 - Back to the River
 - Two stage for EA
- Master Plan EA Process



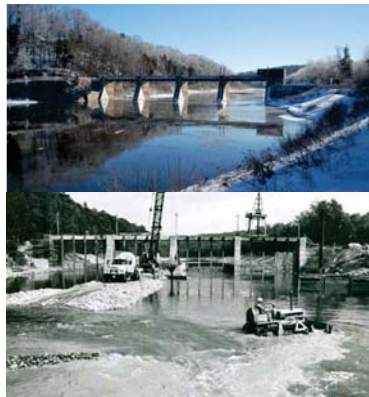
One River EA *Schedule*

2017		2018	
Q1	Consultant Selection	Q1	Engage on Preferred Alternative
Q2	Project Initiation	Q2	Finalize Master plan
Q3	Define Problem Statement		
Q4	Alternative Selection/Evaluation		



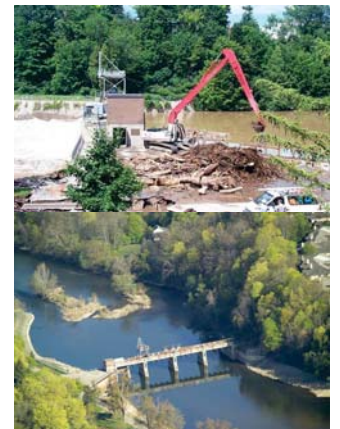
EA Process *Option Screening*

- During every EA process options go through an initial screening process to determine whether the option is feasible.
- 2 categories of options will be considered related to the Dam.



Dam Options *Unobstructed River*

- This category of option includes:
 - Decommissioning the Dam, and
 - Repurposing the Dam.
- Multiple sub options can be considered for each option.





Dam Options Restore Dam



- This category of option includes:
 - Repairing, or
 - Replacing the Dam.
- Multiple sub options can be considered for each option.
- The most environmental data intensive option to implement.
- Approvals a concern.



Working near Water Permit Requirements

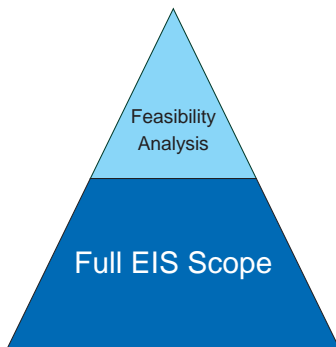


- Numerous regulatory process requirements:
 - Conservation Authority: Section 28 Permit
 - Provincial: Permits under the *Endangered Species Act*
 - Federal: Application Form for Authorization, *Fisheries Act*
- Agency Committee will provide guidance.



EA Option Screening Staged Environmental Work Plan

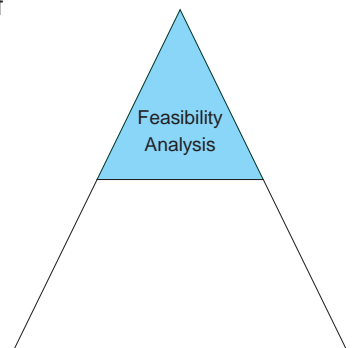
Environmental Inventory Scope



Environmental Work Program Staged Approach

Feasibility Analysis:

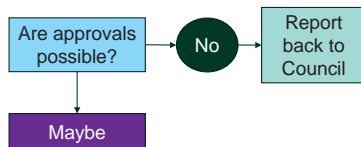
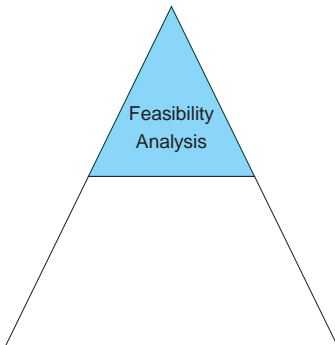
- Undertake literature review of impact of dams and barriers.
- Water Quality Statistical Analysis of +30 year dataset.
- Review previously completed environmental studies (over 20).
- Assemble Species at Risk data from MNR, DFO, and UTRCA.
- Seek advice from subject matter experts on key species.



EA Option Screening Staged Approach

Environmental Inventory Scope

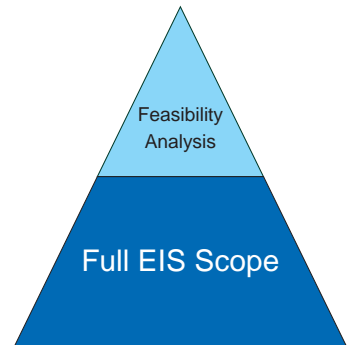
Feasibility Evaluation



EIS Work Program Staged Approach

Full Scope:

- Undertake full extent of work outlined through EIS scoping meeting.
- Examples include:
 - Migratory and shoreline birds,
 - Amphibian surveys,
 - Reptile coverboard surveys,
 - Mussels surveys,
 - Mammal sightings,
 - Butterfly sightings,
 - Odonata sightings,
 - Bats - sightings and habitat,
 - Wildlife habitat mapping,
 - Fish communities – 2 spring, summer and fall,
 - Benthic inventory,
 - and more.

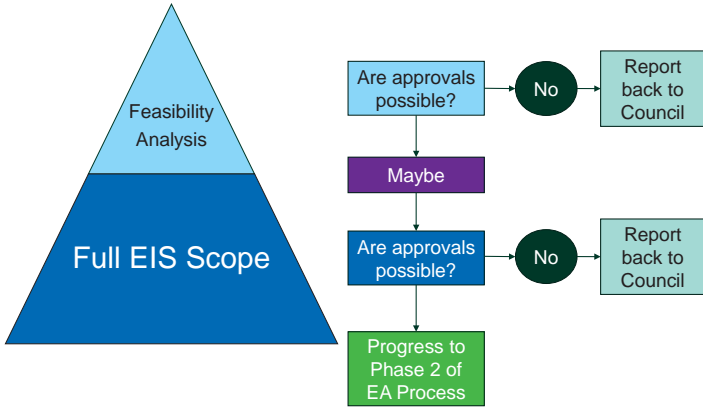




EA Option Screening Staged Approach

Environmental Inventory Scope

Feasibility Evaluation



Next Steps

- Ongoing: Finalizing work plan for feasibility analysis.
- Q3 2017: Provide status update during alternative analysis.
- Q2 2018: Presentation of draft EIS materials following selection of preferred EA alternative.
- Q2 2018: Work with EEPAC on EIS and EA comments.