

TO:	CHAIR AND MEMBERS CIVIC WORKS COMMITTEE MEETING ON MARCH 19, 2018
FROM:	KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR, ENVIRONMENTAL AND ENGINEERING SERVICES AND CITY ENGINEER
SUBJECT:	ONE RIVER ENVIRONMENTAL ASSESSMENT UPDATE TECHNICAL MEMORANDUM: STAGE TWO WORK PLAN

RECOMMENDATION

That on the recommendation of the Managing Director, Environmental and Engineering Services and City Engineer:

- a) the attached One River Environmental Assessment Technical Memorandum: Stage 2 Approach **BE RECEIVED**;
- b) the value of design and contract administration fees for Jacobs (formerly) CH2M **BE INCREASED** by \$403,283.00 (including \$150,000 of provisional work items) to a total contract value of \$1,039,806, including contingency, excluding HST, to cover additional efforts required to complete the Schedule B environmental assessment requirements for the decommissioning of the Springbank Dam and Forks of the Thames inaugural project, as per Procurement of Goods and Services Policy Clause 20.3e;
- c) The Civic Administration **BE AUTHORIZED** to undertake all administrative acts that are necessary in connection with this project; and
- d) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached, hereto, as Appendix "A";

PREVIOUS REPORTS PERTINENT TO THIS MATTER
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Planning and Environment Committee – December 14, 2015 – Back to the River Design Competition

Strategic Priorities and Policy Committee – January 28, 2016 – Downtown Infrastructure Planning and Coordination

Civic Works Committee – February 2, 2016 – West London Dyke Master Repair Plan Municipal Class Environmental Assessment Study

Civic Works Committee – February 2, 2016 – Springbank Dam

Civic Works Committee – March 8, 2016 - One River - Master Plan Environmental Assessment

Municipal Council - March 22, 2016 - One River- Master Plan Environmental Assessment: Background Information

Civic Works Committee – November 1, 2016 – One River Master Plan Environmental Assessment: Terms of Reference

Civic Works Committee – February 21, 2017 – One River Master Plan Environmental Assessment – Appointment of Consultant

Civic Works Committee – August 29, 2017 – One River Environmental Assessment Update: Technical Memorandum Stage One Work Plan and Community Consultation Plan

Civic Works Committee – September 26, 2017 – One River Environmental Assessment Update: Agency Advisory Committee Report

Civic Works Committee – January 9, 2018 - One River Environmental Assessment

Update: Phase II Stage I Report

2015-19 STRATEGIC PLAN

The 2015 – 2019 Strategic Plan identifies these objectives under Building a Sustainable City: 1B – Managing our infrastructure; 3E -- Strong and Healthy environment through protection of the natural environment; 4E – Beautiful places and spaces through investing in making London’s riverfront beautiful and accessible for all Londoners. Under Growing our Economy: 2A – promote Urban regeneration through investing in London’s downtown as the heart of our city.

BACKGROUND

Purpose

To update members of Council on the One River Environmental Assessment (EA) process, specifically the Technical Memorandum: Stage 2 Approach.

Context

After a series of reports in 2016, Municipal Council directed that due to the broader social, economic and natural environmental issues associated with the Springbank Dam, Thames River Valley Corridor, and Back to the River projects, these projects would be studied together through a master plan Environmental Assessment.

In February 2017, CH2M (now Jacobs) was appointed the Consultant for the One River EA. The Notice of Commencement was published in The Londoner on July 20 and July 27 of 2017. Public consultation for Phase I and Phase II Stage I took place from July through December 2017. Council endorsed the recommendation of the Stage I report to decommission Springbank Dam in January 2018.

DISCUSSION

Technical Memorandum: Stage Two Approach

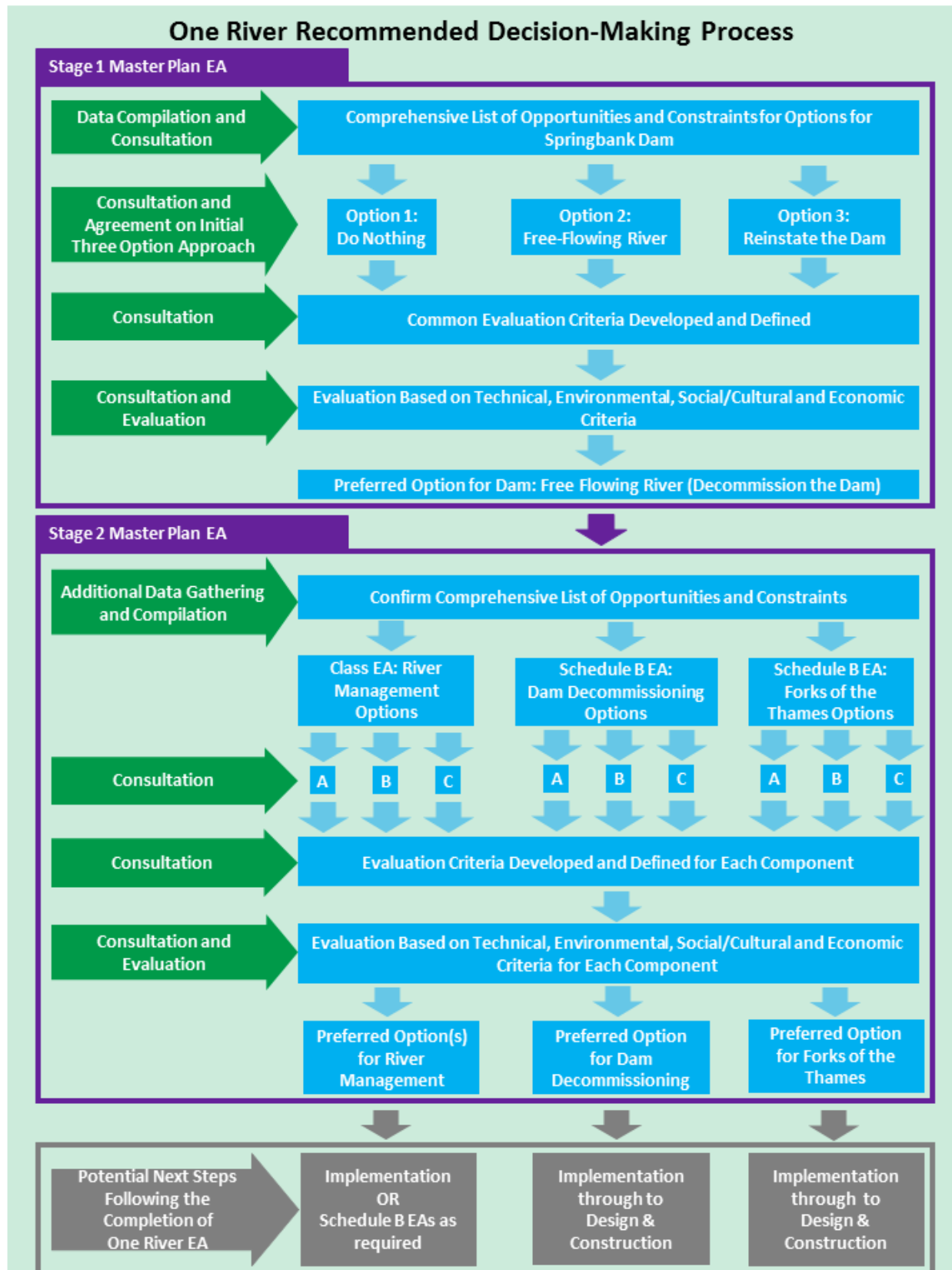
The One River Environmental Assessment: Stage 2 Approach (Appendix ‘A’) presents the approach for completing the three components of Stage 2: development of Master Plan Class EA concepts for river improvements, completion of Schedule B environmental assessment requirements for the decommissioning of Springbank Dam, and completion of Schedule B environmental assessment requirements for the selected design components at the Forks of the Thames. Figure 1, below, illustrates the new recommended process for the One River EA.

When the One River Master Plan was presented as the preferred approach, integrating multiple river-based projects, it was to ensure the issues affecting each project would be fully considered in the evaluation of alternatives for the other projects and take financial advantage of the overlapping study requirements. Any recommendation for Springbank Dam would have a direct influence on the Back to the River design work.

At this point, it is appropriate for the work streams to continue into their respective EA processes. There is now an endorsed preferred option for Springbank Dam. With that decision made, the Back to the River design at the Forks of the Thames and planning for other improvements can proceed. By completing the EA requirements as part of the One River project, the City continues to achieve the cost efficiencies of having one consultant working on the three project streams, sharing environmental study work, and

remaining closely coordinated. It also ensures that if the EA process is delayed for one of the streams, the others can continue on to completion without also being delayed.

Figure 1: One River Recommended Decision-Making Process (Figure 3.1 from Technical Memorandum)



Master Plan Class EA – River Management Strategy

Stage 1 selected the preferred option for Springbank Dam, which was the determining factor in identifying and evaluating additional river management strategies. Stage 2 will be a more detailed evaluation of the requirements for specific works. This will include concepts for overall improvements that will form part of a long-term management strategy for the river.

Schedule B Environmental Assessment – Springbank Dam Decommissioning

In addition to the work completed in Stage 1, there are specific tasks to fulfil the Schedule B environmental assessment requirements for the evaluation of the dam decommissioning options. The existing conditions documented in Stage 1 will be carried forward and augmented with the collection of more detailed information required to meet the Environmental Impact Study (EIS) requirements for the Schedule B project.

Schedule B Environmental Assessment – Forks of the Thames Design Elements

Numerous design components of the award winning design trigger the regulatory requirements for an EA. Development of the preferred option for the design elements at the Forks of the Thames will thus be carried out as a Schedule B component of the One River EA. The project team will work with the Ribbon of the Thames design team, comprised of Civitas and Stantec, on how the design elements of Back to the River can be integrated into the EA evaluation.

Public Consultation and First Nations Engagement

Consultation is a pivotal part of the Master Plan and Class EA processes. One River employed a robust public, stakeholder, and First Nations engagement strategy during Stage 1 and will continue in Stage 2. These activities will be initiated to provide input into alternatives for the three areas of focus. The project team will continue to utilize public engagement methods such as online surveys, meetings with key stakeholders, Public Information Centres, First Nation and Métis engagement, Internal Steering Committee meetings, and Agency Advisory Committee meetings.

Cost

Jacobs (previously CH2M) was awarded the contract as the prime consultant for the One River Master Plan EA following a two-stage Request for Expression of Interest/Request for Qualification and Request for Proposal process. They have provided excellent services through the completion of Stage 1. Additionally, some work initially scheduled for Stage 2, was moved forward in the project schedule to ensure we had sufficient environmental data to make informed decisions in Stage 1.

Due to Council concerns with the originally recommend approach for the One River EA, a report dated March 22, 2018, was submitted to Council with a “Revised One River EA Master Plan EA Approach”. This approach stopped short of completing the final Schedule B environmental assessment requirements for the decommissioning of Springbank Dam or the design elements at the Forks of the Thames. Now that a decision has been made on the Springbank Dam, it is recommended to proceed with the Schedule B activities in order to finalize the Springbank Dam project and to complete the required EA on the Back to the River inaugural project. The additional effort required to complete the two Schedule B environmental assessments is \$403,283, resulting in a total assignment to Jacobs of \$1,039,806. Of the new consultant appointment amount, a value of \$150,000 for provisional items is included. These provisional items include further environmental and alternative analysis work that may be required based on the results of the preliminary environmental work and the public, First Nations, and stakeholder engagement process. The need for this provisional work will be assessed as the project progresses.

The initial One River EA CH2M (Jacobs) consultant assignment of \$636,523 was fully funded from the PD1215 “Back to the River” project account. It should be noted that a significant portion of this work was related to the environmental assessment related to the Springbank Dam. The attached source of financing recommends that Phase 2 of the One River EA be fully funded from ES3068 Springbank Dam to offset the cost of the previous Springbank Dam work funded through the Back to the River project account. Following this consultant award of \$403,283 to Jacobs (formerly CH2M) a balance of

\$3,521,674 will remain in the ES3068 project to address future work related to the Springbank Dam. The revised budget for ES3068 includes receipt of the final legal settlement from 2015.

Next Steps

The three streams of work will proceed concurrently. The project team will be obtaining the additional detail on the existing environmental conditions for the two Schedule B projects and integration with the Back to the River design. The existing hydraulic model of the Thames River will also be refined to the level necessary to assess river management alternatives. Once a short list of alternatives has been developed for the projects, consultation and engagement activities will be initiated to further develop the alternatives.

Schedule

It is anticipated that a short list of alternatives will be developed in Q2 of 2018, followed by Public Information Centres in Q3 2018. The draft Master Plan is anticipated to be completed late Q3 2018, and be followed by a second set of Public Information Centres, prior to completion of the report and 30-day public review period in Q4 2018.

CONCLUSION

At this time, it is advantageous to approach the One River Master Plan EA with a three-pronged approach, separating the Class EA requirements for the decommissioning of Springbank Dam and design elements at the Forks of the Thames. It is recommended that Jacobs continues this work as an extension of their One River Master Plan assignment.

This report was prepared by Ashley Rammeloo, P.Eng., Manager III, Engineering.

PREPARED BY:	REVIEWED AND CONCURRED BY:
ASHLEY RAMMELOO, P.ENG. MANAGER III, ENGINEERING	SCOTT MATHERS, MPA, P. ENG. DIRECTOR, WATER AND WASTEWATER
RECOMMENDED BY:	
KELLY SCHERR, P.ENG., MBA, FEC MANAGING DIRECTOR ENVIRONMENTAL & ENGINEERING SERVICES AND CITY ENGINEER	

Attach: Appendix 'A' – Source of Finance
Appendix 'B' – Technical Memorandum: Stage Two Approach

cc. J. Fleming, S. Stafford, D. Hsia. G. MacDonald, J. Freeman, A. Dunbar, J. Davies
Tom Mahood (Jacobs CH2M)