

Civic Works Committee

Report

The 2nd Meeting of the Civic Works Committee
February 4, 2020

PRESENT: Councillors S. Lehman (Chair), S. Lewis, M. Cassidy, P. Van Meerbergen, E. Pelozo

ABSENT: Mayor E. Holder

ALSO PRESENT: Councillor M. van Holst; K. Chambers, S. Chambers, G. Dales, J. Dann, G. Gauld, S. Maguire, S. Mathers, M. Ribera, A. Rozentals, J. Stanford, D. Turner and B. Westlake-Power

The meeting was called to order at 12:02 PM.

1. Disclosures of Pecuniary Interest

That it BE NOTED that no pecuniary interests were disclosed.

2. Consent

Moved by: E. Pelozo

Seconded by: M. Cassidy

That items 2.2 to 2.5, and 2.7 BE APPROVED.

Yeas: (5): S. Lehman, S. Lewis, M. Cassidy, P. Van Meerbergen, and E. Pelozo

Absent: (1): E. Holder

Motion Passed (5 to 0)

2.2 Tree Impacts for 2020 Infrastructure Renewal Program

Moved by: E. Pelozo

Seconded by: M. Cassidy

That, on the recommendation of the Managing Director of Environmental and Engineering Services and City Engineer, the staff report dated February 4, 2020, with respect to tree removal, mitigation, and communication as part of the 2020 Infrastructure Renewal Program BE RECEIVED for information. (2020-E04)

Motion Passed

2.3 Award of Contract - RFP 19-33: Restoration of the Farmhouse at Dingman Creek Pumping Station

Moved by: E. Pelozo

Seconded by: M. Cassidy

That, on the recommendation of the Managing Director of Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the award of a construction contract for the restoration of the farmhouse at the Dingman Creek Pumping Station:

- a) the bid submitted by Robertson Restoration, BE ACCEPTED in the total amount of \$143,520.00, including a \$67,735.00 contingency (excluding HST);

- b) the financing for the project BE APPROVED in accordance with the “Sources of Financing Report” as appended to the staff report dated February 4, 2020;
- c) the Civic Administration BE AUTHORIZED to undertake all the administrative acts that are necessary in connection with this project;
- d) the approvals given herein BE CONDITIONAL upon the Corporation entering into a formal contract; and,
- e) the Mayor and the City Clerk BE AUTHORIZED to execute any contract or other documents, if required, to give effect to these recommendations. (2020-R01)

Motion Passed

2.4 Award of Contract - RFP 19-59: Installation of Sludge Mixing Systems at Greenway Wastewater Treatment Plant

Moved by: E. Pelosa

Seconded by: M. Cassidy

That, on the recommendation of the Managing Director of Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the award of a construction contract for the installation of sludge mixing systems at Greenway Wastewater Treatment Plant:

- a) the bid submitted by Dielco Industrial Contractors Ltd., BE ACCEPTED in the total amount of \$369,321.58, including contingency (excluding HST);
- b) the financing for the project BE APPROVED in accordance with the “Sources of Financing Report” as appended to the staff report dated February 4, 2020;
- c) the Civic Administration BE AUTHORIZED to undertake all the administrative acts that are necessary in connection with this project;
- d) the approvals given herein BE CONDITIONAL upon the Corporation entering into a formal contract; and,
- e) the Mayor and the City Clerk BE AUTHORIZED to execute any contract or other documents, if required, to give effect to these recommendations. (2020-E03)

Motion Passed

2.5 Single Source Purchase of Two Turbo Blowers for the Oxford Wastewater Treatment Plant

Moved by: E. Pelosa

Seconded by: M. Cassidy

That, on the recommendation of the Managing Director of Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the Single Source Purchase of two APG-Neuros blowers for the Oxford wastewater treatment plant:

- a) the price submitted by APG-Neuros of \$284,000 (excluding HST), for the supply of two blowers and associated components BE ACCEPTED;

- b) the financing for these acquisitions BE APPROVED as set out in the “Sources of Financing Report” as appended to the staff report dated February 4, 2020;
- c) the Civic Administration BE AUTHORIZED to undertake all administrative acts that are necessary in connection with this project;
- d) the approvals given herein BE CONDITIONAL upon the Corporation entering into a formal contract for the work to be done relating to this project; and,
- e) the Mayor and the City Clerk BE AUTHORIZED to execute any contract or other documents, if required, to give effect to these recommendations. (2020-E03)

Motion Passed

2.7 (ADDED) 1st Report of the Rapid Transit Implementation Working Group

Moved by: E. Pelosa

Seconded by: M. Cassidy

That the 1st Report of the Rapid Transit Implementation Working Group, from its meeting held on January 27, 2020, BE RECEIVED.

Motion Passed

2.1 2nd Report of the Cycling Advisory Committee

That the following actions be taken with respect to the 2nd Report of the Cycling Advisory Committee, from its meeting held on January 15, 2020:

- a) that work plan items 18.1, 18.12, 18.3, 19.1, 19.7, and 19.8 BE APPROVED;
- b) the remainder of the attached 2020 Cycling Advisory Committee work plan BE REFERRED to the Civic Administration to review and refine the listed projects in order to ensure alignment and timing with approved City projects in 2020/2021, with a report back at the next Civic Works Committee meeting;
- c) the Civic Administration BE INVITED to attend a future meeting of the Cycling Advisory Committee to provide updates and information on the development of the climate emergency evaluation tool and how it applies to the budget process; it being noted that the attached presentation from A. Dunbar, Manager III, Financial Planning and Policy, with respect to the City's active transportation budget, was received;
- d) the following actions be taken with respect to the 2020 Cycling Advisory Committee Budget:
 - i) a member of the Cycling Advisory Committee (CAC) BE PERMITTED to attend the 2020 Share the Road conference;
 - ii) the expenditure of up to \$375.00 + tax from the 2020 CAC budget BE APPROVED to cover the conference fees as noted in part a) above; and,
 - iii) if selected by the conference organizers to participate, that the above-noted CAC member BE PERMITTED to present at said conference on the topic of "revisiting cycling master plans using a climate emergency lens"; it being noted that the CAC will provide the Civic Administration with a copy of the above-noted presentation for review before the conference date; and,

e) the remainder of the Cycling Advisory Committee report BE RECEIVED.

Voting Record:

Moved by: P. Van Meerbergen
Seconded by: S. Lehman

That parts a) and b) BE APPROVED.

Yeas: (5): S. Lehman, S. Lewis, M. Cassidy, P. Van Meerbergen, and E. Pelosa
Absent: (1): E. Holder

Motion Passed (5 to 0)

Moved by: M. Cassidy
Seconded by: E. Pelosa

That parts c), d) and e) BE APPROVED.

Yeas: (5): S. Lehman, S. Lewis, M. Cassidy, P. Van Meerbergen, and E. Pelosa
Absent: (1): E. Holder

Motion Passed (5 to 0)

2.6 Dingman Creek Subwatershed: Stormwater Servicing Strategy for Stage 1 Lands - Municipal Class Environmental Assessment: Notice of Completion

Moved by: P. Van Meerbergen
Seconded by: E. Pelosa

That, on the recommendation of the Managing Director of Environmental and Engineering Services and City Engineer, the following actions be taken with respect to the Dingman Creek Subwatershed: Stormwater Servicing Strategy Municipal Class Environmental Assessment:

- a) the Dingman Creek Subwatershed Municipal Class Assessment Executive Summary, as appended to the staff report dated February 4, 2020, BE ACCEPTED;
- b) a Notice of Completion BE FILED with the Municipal Clerk; and,
- c) the Project File for the Dingman Creek Subwatershed: Stormwater Servicing Strategy Municipal Class Environmental Assessment BE PLACED on public record for a 30-day review period;

it being noted that the attached presentation from S. Chambers, Division Manager, Stormwater Management, with respect to this matter, was received. (2020-E03)

Yeas: (5): S. Lehman, S. Lewis, M. Cassidy, P. Van Meerbergen, and E. Pelosa
Absent: (1): E. Holder

Motion Passed (5 to 0)

3. Scheduled Items

None.

4. Items for Direction

4.1 Snow Removal - E. Chivers

Moved by: M. Cassidy
Seconded by: E. Pelozza

That the communication from E. Chivers, dated January 24, 2020, with respect to snow removal in London, BE RECEIVED (2020-T06)

Yeas: (5): S. Lehman, S. Lewis, M. Cassidy, P. Van Meerbergen, and E. Pelozza
Absent: (1): E. Holder

Motion Passed (5 to 0)

4.2 Bike Lanes in London Ontario - M. Desjardins

Moved by: S. Lewis
Seconded by: P. Van Meerbergen

That the communication from M. Desjardins, dated January 20, 2020, with respect to bike lanes in London, BE RECEIVED. (2020-T05)

Yeas: (5): S. Lehman, S. Lewis, M. Cassidy, P. Van Meerbergen, and E. Pelozza
Absent: (1): E. Holder

Motion Passed (5 to 0)

5. Deferred Matters/Additional Business

5.1 Deferred Matters List

Moved by: M. Cassidy
Seconded by: P. Van Meerbergen

That the Deferred Matters List as at January 27, 2020, BE RECEIVED.

Yeas: (5): S. Lehman, S. Lewis, M. Cassidy, P. Van Meerbergen, and E. Pelozza
Absent: (1): E. Holder

Motion Passed (5 to 0)

5.2 (ADDED) 1st Report of the Transportation Advisory Committee

Moved by: S. Lewis
Seconded by: E. Pelozza

That the following actions be taken with respect to the 1st Report of the Transportation Advisory Committee, from its meeting held on January 28, 2020:

a) the following actions be taken with respect to the Transportation Advisory Committee (TAC) 2020 Work Plan:

i) D. Doroshenko BE APPOINTED to observe any upcoming meetings of the Rapid Transit Implementation Working Group and report back to the TAC with updates;

ii) M. Rice BE APPOINTED to take the lead on item 18.5 on the TAC Work Plan, having to do with Connected and Automated Vehicles and 5G Network;

iii) the revised attached 2020 Work Plan for the TAC BE APPROVED;

iv) the Civic Works Committee BE ADVISED that the TAC considers items 18.5, 18.11, 18.12, 19.10, 20.7 and 20.8, on the above-noted Work Plan, to be the top priorities; and,

v) clause 5.1 e) of the 1st Report of the TAC BE DEFERRED to the next meeting of the CWC to allow time for consideration of the request; it being noted that the above-noted clause read as follows:

“the Civic Works Committee BE REQUESTED to advise the TAC as to which items on the above-noted Work Plan should be the top priorities for the TAC.”; and,

b) the remainder of the report BE RECEIVED.

Yeas: (5): S. Lehman, S. Lewis, M. Cassidy, P. Van Meerbergen, and E. Pelosa
Absent: (1): E. Holder

Motion Passed (5 to 0)

5.3 Tree Replacement Options

Moved by: S. Lewis

Seconded by: M. Cassidy

That the Civic Administration BE DIRECTED to report back to a future meeting of Civic Works Committee with respect to how options can be provided to residents in terms a choice of species on tree replacements following tree removals for the purpose of infrastructure renewal, which may include options for a pilot project to assess cost/benefit analysis of uptake of new trees by residents; it being noted that currently the choice for residents is to have the single species of new tree offered or no tree replacement.

Yeas: (5): S. Lehman, S. Lewis, M. Cassidy, P. Van Meerbergen, and E. Pelosa
Absent: (1): E. Holder

Motion Passed (5 to 0)

6. Adjournment

The meeting adjourned at 1:44 PM.

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Dingman Creek Stormwater Servicing: Master Plan EA - Schedule B Notice of Completion for Stage 1 Lands

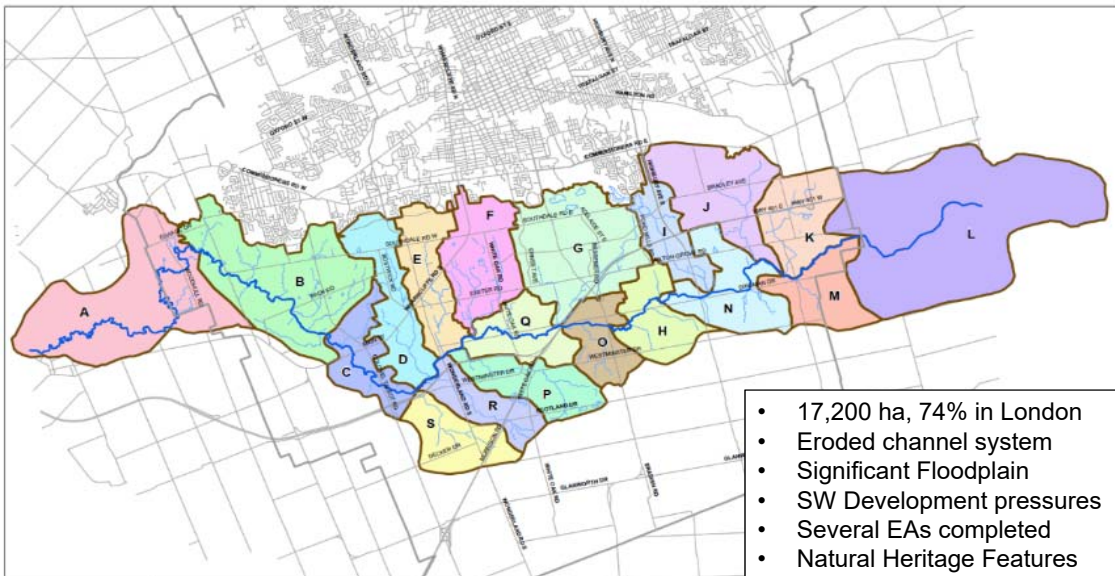


Civic Works Committee
February 4, 2020

Shawna Chambers, P.Eng., DPA
Division Manager, Stormwater Engineering, City of London
schambers@london.ca
519-661-2489 x7318



Dingman Creek Subwatershed



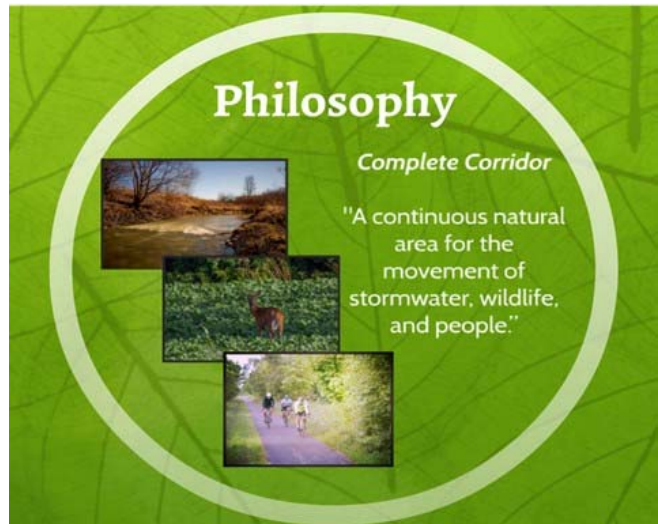
Purpose: To develop an innovative stormwater servicing strategy with consideration for current and potential flooding, erosion concerns, as well as wildlife/aquatic habitat and natural corridor enhancement.

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Complete Corridor Approach

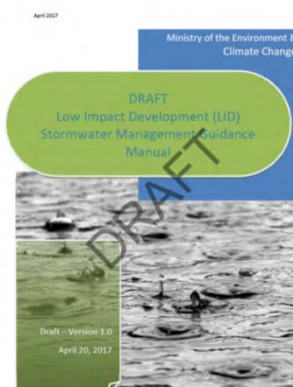
- Integrate natural heritage, open space, recreational, and SWM
- Continuous corridor to protect, maintain, rehabilitate, and restore ecological functions



Provincial expectations for Low Impact Development (LID)

- Ministry of Environment, Conservation and Parks (MECP) Bulletin Re: Stormwater Management (*February 2015*)
- Draft Provincial LID Guidance Manual posted in 2016 and 2018; pending release of final version.

Going forward, the Ministry expects that stormwater management plans will reflect the findings of watershed, sub-watershed, and environmental management plans, and will employ LID in order to maintain the natural hydrologic cycle to the greatest extent possible.

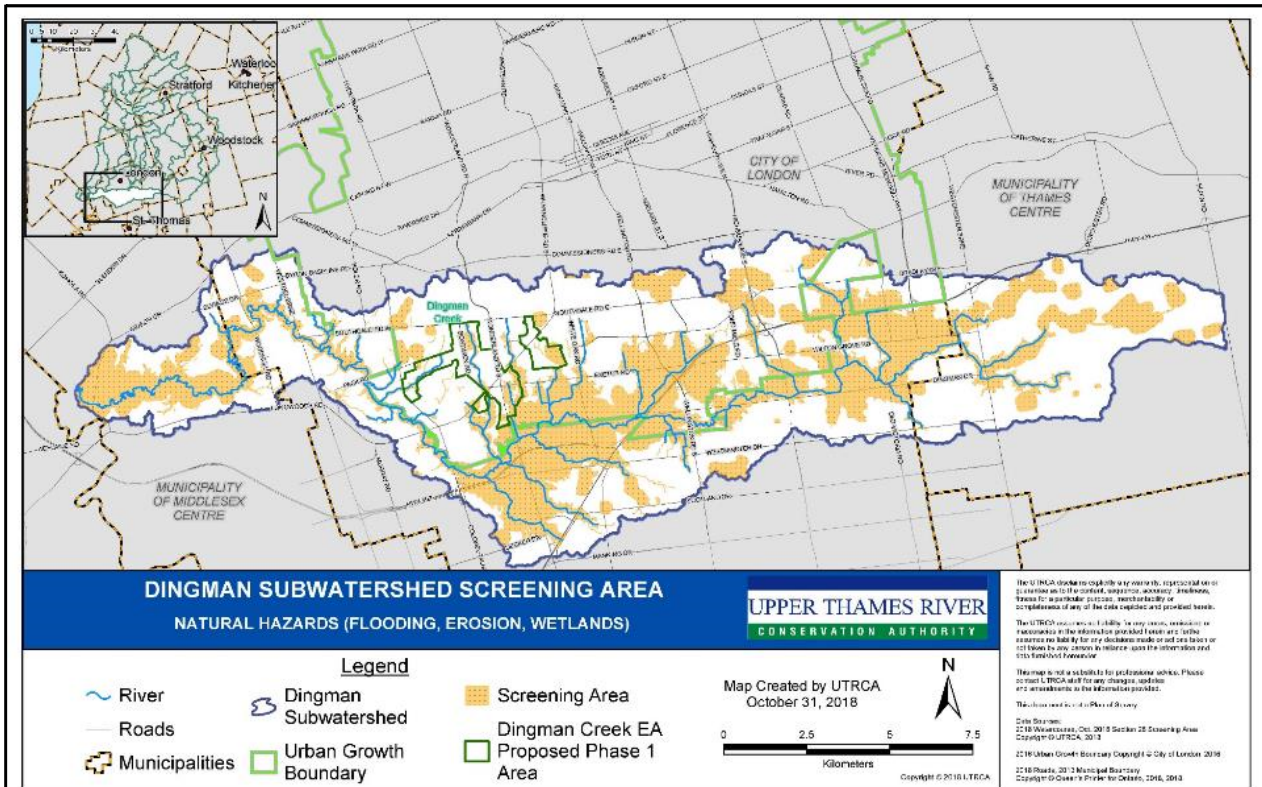


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Engage! Hearts and Minds

- Stakeholder Group with Gov't Agencies, Developers, City Environmental Advisory Committees and Councilors
- 2 Public Information Centres (PIC)s
- 2 meetings with First Nations at the COTTFFN offices
- Logos, professional photography, and drone footage
- <https://getinvolved.london.ca/DingmanCreek>



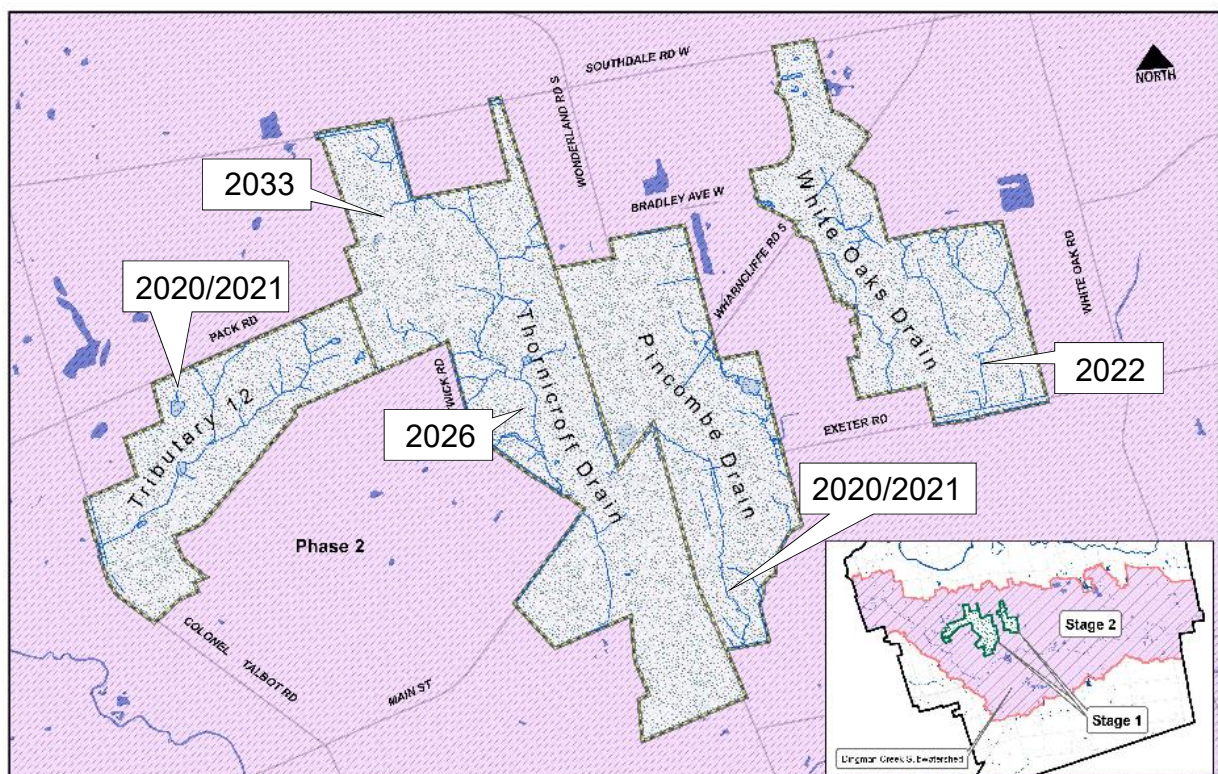
PEC November 2018 – UTRCA Dingman Screening Area

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March 2019: Staging of EA

- **Stage 1:** lands less impacted by floodplain expansion
 - Recommend Stormwater Servicing solutions for developable lands within 5-7 year Growth Period
 - Generally outside of Dingman Creek zone of influence
- **Stage 2:** lands directly impacted by the proposed floodplain (by 2021).
 - Assess viable options to mitigate expansion of floodplain
 - Recommend Stormwater Servicing solutions for developable lands



Stage 1 Lands with 2019 GMIS SWM Infrastructure Timing



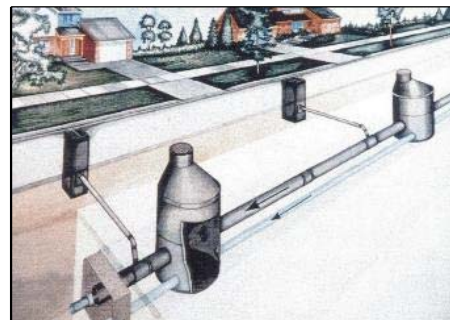
Schedule B EA Alternatives

- Subwatershed Management Strategies comprised of a suite of management options:
 1. Do Nothing
 2. Traditional Strategy (i.e. wet ponds)
 3. Low Impact Development (LID) Strategy
 4. Combined Traditional & LID
 5. Deferred - Integrated Dingman Creek Corridor



Holistic Stormwater Approach

- Infiltrate, filtrate, reuse or evapotranspire the 90% storm (25mm).
- LIDs meet water quality, water balance, and erosion targets.
- Dry ponds provide flood storage.
- Climate Change Resiliency – LIDs reduce runoff and ponds manage large storms through overland flow routes



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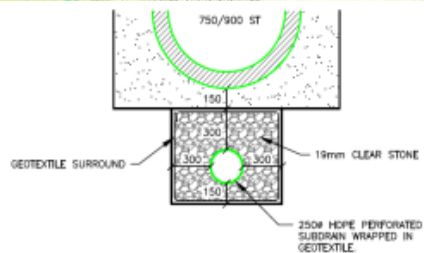
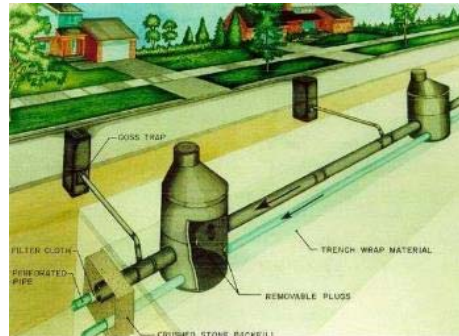
LIDs by Land Use: Low Density Residential

Per 2019 Development Charges,
LID Subsidy includes linear
Infiltration:

- Third pipe systems
- Infiltration swales
- Rain gardens in select locations



Waterloo Street, London Ontario, Constructed 2017



SUBDRAIN DETAIL



Medium and High Density, ICI: Private Permanent Systems

- Linear infiltration, plus:
 - Rain Gardens integrated with landscaping
 - Green/white roof storage
 - Green parking lot opportunities



Firehall 11, London Ontario, Constructed 2017





Stormwater Strategy

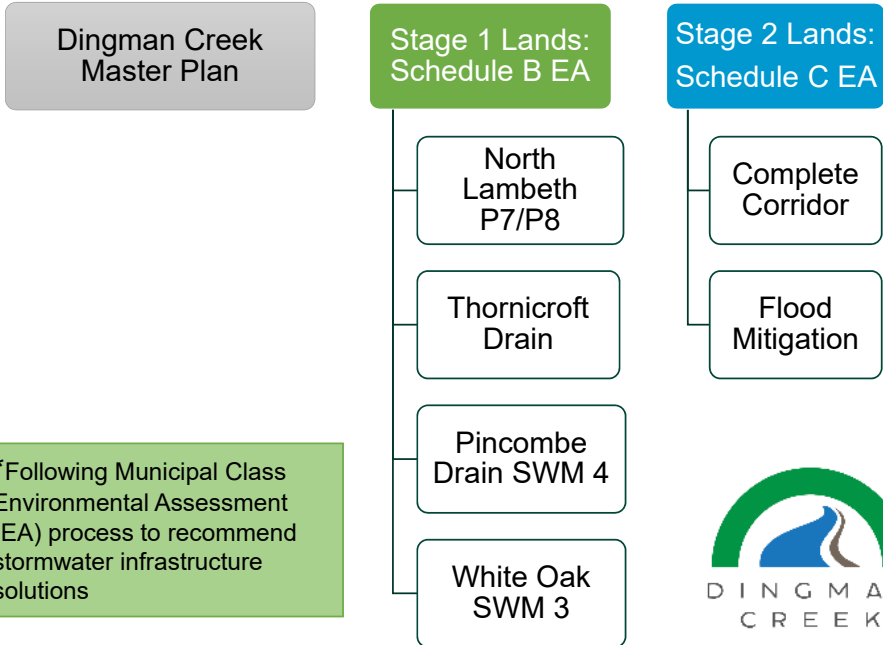


- Highlights:**
- 13 Municipal Dry Ponds
 - 2 Complete Corridors
 - 3 Channel Restoration projects
 - Low Impact Development 25mm capture for development
 - Cost estimate = \$65.4M
 - To be incorporated into future Development Charges Studies

<p>Date: November 2013 Revision: 002 of 001 - 001-0</p>	<p>Dingman Creek Subwatershed Study</p>	<p>Implementation Plan - Overview</p>
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Dingman EA* Flow Chart



*Following Municipal Class Environmental Assessment (EA) process to recommend stormwater infrastructure solutions



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Stage 1 EA Timelines



Q1 2020:

- February-March: Issue Notice of Completion and 30-day public/agency review period

Q2 2020 (Pending no Requests for Part II Order):

- Retain consultants to service Stage 1 tributaries

2021+:

- Construct recommended SWM works within Stage 1 Lands per Growth Management Implementation Strategy (GMIS)



UTRCA Regulatory Floodplain and Stage 2 EA Timeline

Q1 2020 :

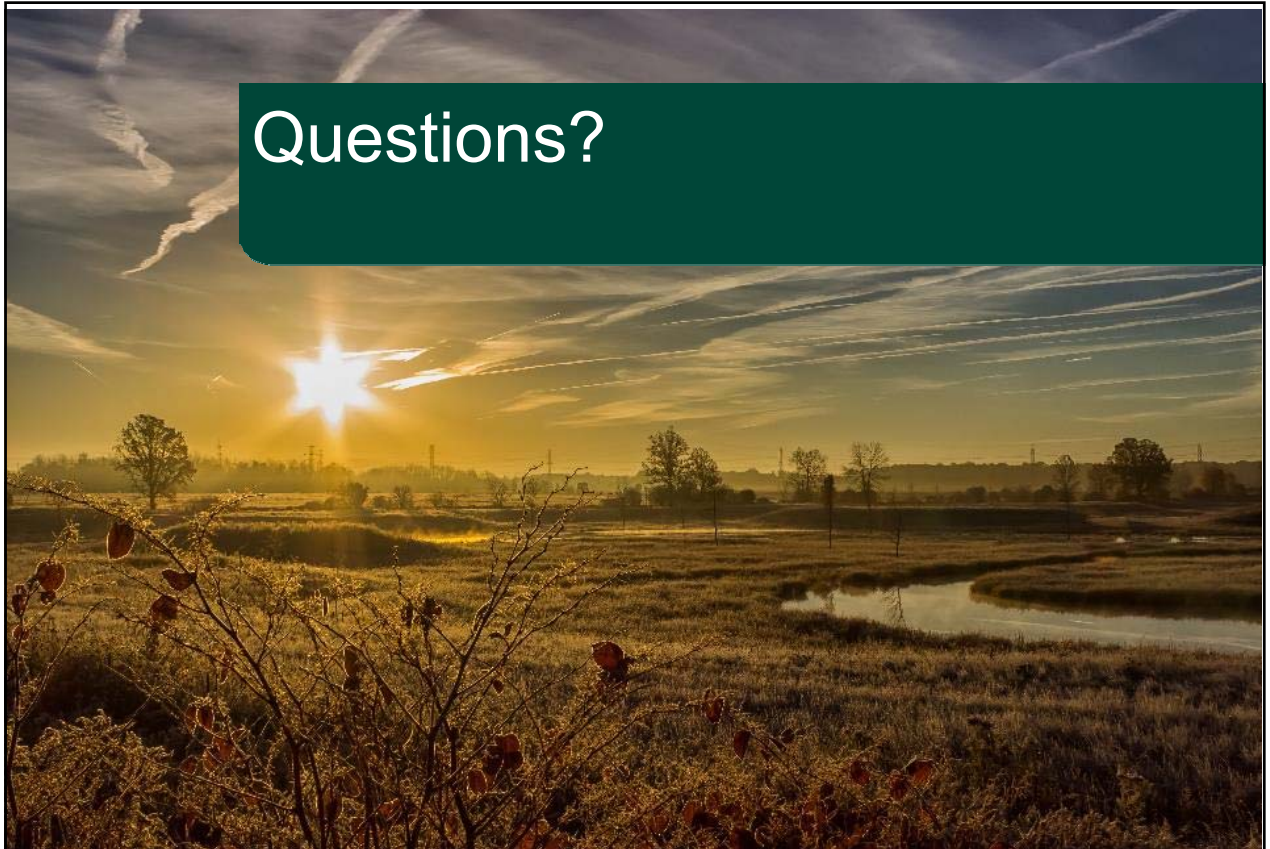
- City's Advisory Services review (by AECOM) recommended changes to UTRCA's modelling
- UTRCA reviewing timeline to refine modelling and adjust existing floodplain limits, or identify areas of future study

Q2/Q3 2020:

- UTRCA to present Regulatory Floodplain Update to Planning and Environment Committee
- City to commence Dingman Creek Stage 2 EA and recommence Stakeholder Group

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Questions?



<https://getinvolved.london.ca/DingmanCreek>