

Dingman EA Stakeholder Group: 8th Meeting

Date / Time: Wednesday, June 12, 2019, 2:00-3:30 pm

Location: Committee Room #3 – 2nd Floor, City Hall

Invited: Dingman Creek EA Stakeholders (via email)

Agenda Item		Issue / Discussion
1.	Chair's Opening Remarks Shawna Chambers, P.Eng., DPA Division Manager of Stormwater 2:00-2:05 (5 mins)	<ul style="list-style-type: none"> • Objectives of today's meeting: <ul style="list-style-type: none"> ○ Present Recommended Master Plan Alternative ○ Discuss Evolution of EA process and Subsequent Studies ○ Receive input from Stakeholders
2.	Dingman EA Evolution Shawna Chambers 2:05-2:25 (20 mins)	<ul style="list-style-type: none"> • Progress since last stakeholder meeting (Dec. 5, 2018) • Three year monitoring pilot project with UTRCA • Master Plan EA – Phase 1, Approach 1 (<i>Stage 1</i>) • Phase 2 EA study to consider floodline updates (<i>Stage 2</i>) <ul style="list-style-type: none"> ○ Peer review status ○ Q: Will the findings of the peer review be distributed? ○ A: The peer review study is associated with the UTRCA's regulatory floodline update and is outside of the EA process. The peer review findings will not be publically available. ○ Q: Will the floodplain be distributed? ○ A: It is anticipated UTRCA will release a revised screening area to be considered in the Stage 2 works. • Q: How will the City ensure riparian needs and targets will be implemented and achieved through the two stage master plan approach? • A: The subwatershed-wide ECA targets and monitoring program will track the conditions.

		<ul style="list-style-type: none"> • Q: Will modeling address water quality, quantity and erosion control in the context of the two stage approach? • A: The consultant has run a high level PCSWMM model for the entire Dingman subwatershed that considers water quality, quantity and erosion control. Field work was completed as part of the Master Plan and includes site specific geomorphic work. Background studies such as the 2014 work is used as the basis for hydrogeological considerations.
3.	<p>Master Plan – Preferred Alternative</p> <p>Dave Maunder, P.Eng., M.Sc. Aquafor Beech</p> <p>2:25-2:45 (20 mins)</p>	<ul style="list-style-type: none"> • Present modeling completed to compare stormwater servicing alternatives for Phase 1 lands • Review evaluation matrix • Present the preferred alternative • Q: How is the monitoring and maintenance of LIDs on private lands managed and controlled? A: The owner is responsible for maintenance of LID features on private lands. This may be through the condo board and is the same as the existing onus of the Permanent Private Systems (PPS) policy. Requirements can be establish by site agreements. Q: Is the City monitoring any of the pilot LID projects that are already in the ground to gain better understanding of how these features perform and what the maintenance challenges are? A: Western University is actively conducting a comprehensive monitoring program at Sarnia Road. It is visually apparent when LIDs aren't working as intended due to issues with standing water. Q: LIDs may not work at all sites. High groundwater levels and tight soil conditions could be restrictive at many sites within the Dingman Creek Subwatershed. A: Aquafor Beech has found that infiltration in tight soils is greater than typically assumed. Filtration and slower release rates is an appropriate LID approach in tight soils. High groundwater does limit LID options. Q: What is the life expectancy of LID systems? A: Third-pipe systems are anticipated to have a 50-year life span. There are examples of these types of projects implemented in Ontario in the early 90's that are still functional.
4.	<p>Implementation and Next Steps</p> <p>Shawna Chambers</p> <p>2:45-3:05 (20 mins)</p>	<p>Implementation of LIDs:</p> <ul style="list-style-type: none"> • Design Standards Update • Available Financing

		<p>Next Steps:</p> <ul style="list-style-type: none"> • Master Plan Conclusion • Future Studies <p>Feedback:</p> <ul style="list-style-type: none"> • Complete and circulate minutes to Stakeholders • Receive input on the evaluation matrix and Master Plan preferred alternative • Receive input on continuation of the Stakeholder Group and participants • 2nd Public meeting: <ul style="list-style-type: none"> ○ Wednesday, June 19, 2019, 6-8pm, Bostwick Community Centre •
5.	<p>Working Group Discussion 3:05 -3:30 (25 mins)</p>	<ul style="list-style-type: none"> • Questions/comments N.B. Some discussion to occur throughout presentations above. • Comments to be provided by Monday, July 8, 2019.