



Tsawwassen Area Integrated Stormwater Management Plan

Public Consultation Survey

Introduction

City of Delta has engaged Associated Engineering to develop an Integrated Stormwater Management Plan (ISMP) for the Tsawwassen Area.

As members of the community who live or work in these watersheds, it is important that your values and opinions are incorporated. Your responses to the following survey will be used to help shape this Tsawwassen ISMP as it is developed.

Question 1

Although one function of a watershed is to provide efficient drainage of storm events, it also serves a variety of other purposes.

Please rank the following functions of the Tsawwassen Area watersheds, based on their importance to you, from most important to least important (1 – Highest priority, 6 – lowest priority):

- Providing recreational opportunities. Such as biking or walking trails
- Supporting a diversity of wildlife
- Providing habitat for fish
- Allowing for efficient drainage of rainfall and flood protection
- Supports agricultural activities
- Other (please specify below)

Question 2

The health of a watershed is often indicated by ecological factors, such as the quality of water flowing through watercourses, the presence of trash in forested areas, the ability to support fish and other aquatic species and whether natural vegetated areas surrounding creeks and wetlands are intact.

How do you perceive the health of the watersheds in the Tsawwassen area? Would you say the watersheds appear to be:

- Very Healthy
- Healthy
- Reasonably healthy, but could use improvement
- In poor health
- In very poor health
- Don't know



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Question 3

A watershed's health can be diminished by several factors related to human activity.

Have you witnessed, or witness on an on-going basis any of the following:

- Release of pollutants directly into natural watercourses in high concentrations (industrial / commercial chemicals, high concentrations of fertilizers)
- Poor water quality, (oil on water as it flows through gutters or ditches; suds in water)
- Chronic flooding of properties
- Poor drainage leading to standing water for extended periods of time following rain
- Watercourse banks with limited natural vegetation (vegetation extending less than 10 m on either side)
- Significant accumulation of trash in natural / park areas
- Fish kills (a significant presence of deceased fish in a particular location)

Question 4

Future growth priorities

Between now and 2050, if you could establish the priorities when moving towards future development and implementation of the Official Community Plan, what ranking would you give the following (1 – Highest priority, 6 – lowest priority):

- Creation and management of designated conservation/wildlife management areas
- Strong economic growth
- Strong ecological biodiversity
- Protection and enhancement of fish habitat
- Efficient drainage of storms
- Adaptation to climate change

Question 5

How would you rank your understanding of the link between stormwater management and environmental health?

- I didn't realize there was a link
- I am aware they are linked, but am not quite sure how
- I understand the link, but not well
- I understand the link very well



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Question 6

As rain falls and runs off hard surfaces, such as concrete and asphalt in developed areas, it can pick up and transport pollutants such as oils and heavy metals that over time have a negative impact on water quality and the environment. To combat this, many municipalities, including the City of Delta, promote the application of rainwater management features that improve water quality while managing rainfall, and serve to lessen the impacts of development.

The following is a list of some common approaches to managing rainfall and maintaining the quality of water reaching streams. These are often termed Low-Impact Development (LID) and Best-Management Practices (BMPs). Please indicate your level of familiarity with each:

	I have NOT heard of them	I have heard the term, but don't know much about them	I think they are beneficial
Bioswales			
Detention Pond/ Infiltration Basin			
Rain Gardens			
Permeable/Porous Pavement			
Rain Berrels			
Absorbent soils with landscaping			
Routing of runoff from paving and roofs and lawns or rain gardens			

Which category best describes your age?

What is your postal code:

Click or tap here to enter text.

Please list any other concerns or questions:

Click or tap here to enter text.



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Please return this form by Tuesday, April 17th 2018 using one of the following methods:

1. Email engineering@delta.ca
2. Drop-off or mail to:
City of Delta – Engineering
4500 Clarence Taylor Crescent
Delta, BC
V4K 3E2
3. Bring it to the Public Open House/Information session. Details below.

We look forward to seeing you at the Public Open House/Information session for this ISMP, scheduled for **April 17th 2018 from 6:00pm to 8:00pm at Harris Barn, located at 4140 Arthur Drive, Delta, BC V4K 1A7**. All interested persons are welcome. We look forward to seeing you there.