TOWN OF OSOYOOS
STORMWATER MANAGEMENT

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Some of the Town's Stormwater Policies

- Require all developers to comply, to the greatest extent possible, with Town's Development Services Bylaw;
- Continue to pursue Provincial guidelines to reduce impervious areas resulting in stormwater discharge into receiving watercourses;
- Pursue opportunities to improve existing stormwater systems in designs for new developments, with financial participation from their proponents; and
- Assess treatment options for all existing stormwater outfalls

Development Standards General Requirements

That all stormwater resulting from **Minor** stormwater events is to be collected, stored and disposed of to ground by onsite infiltration systems; and

That overland flood routes be identified for dealing with **Major** storm events.

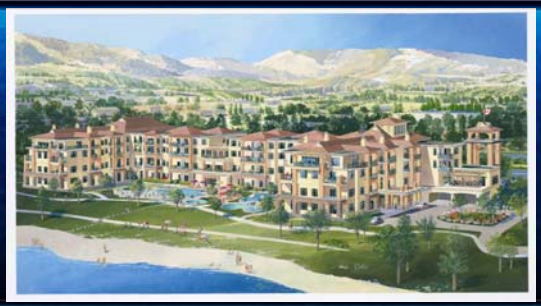
Minor Drainage Systems

Minor Drainage systems are made up of series of catch basins, pipes, drainages channels, and dry wells designed to accept and dispose of peak runoff flows from a five (5) year rainfall frequency for residential areas and a ten (10) year rainfall frequency for commercial areas.

Major Drainage Systems

Major drainage systems are comprised of overland flood paths designed to accept flows from a twenty five (25) year rainfall frequency in both residential and commercial areas.

Watermark Beach Resort



Watermark Beach Resort
On- Site Stormwater Management

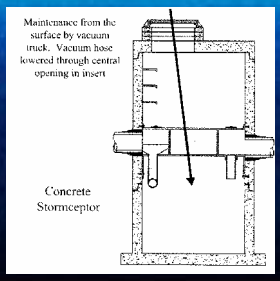
Is made up of a series of catch basins and piped systems designed to collect and convey storm water to a large underground holding tank.

Designed to handle both major and minor rainfall events.

Watermark Beach Resort
Off- Site Stormwater Management

- **Stormceptor**
- **Main Street storm outfall**
- **Infiltration pipe**
- **Watermark Beach Resort**
- **Catchment area**
  approximately 8 hectares

What is a Stormceptor ?



An engineered pollution control device used to protect water courses from the harmful effects of non-point source pollution.

Key Benefits of a Stormceptor

- Capable of removing 50% to 80% of suspended solids when properly installed
- Removes free oils / hydrocarbons during low flow conditions
- Easy to maintain with a vacuum truck

Indigo

8000 Cottonwood Drive

Indigo
Preliminary Stormwater Plan

Is designed to handle both major and minor rainfall events

Stormwater to be collected and stored in a large underground storage tank, and

Used for irrigation of the site.

Key Points

- The Town's policies are to require all new developments to follow, to the greatest extent possible, the Town's Development Services Bylaw;
- Continue to pursue Provincial guidelines to reduce impervious areas resulting in stormwater discharge into receiving watercourses;
- To assess treatment options for all existing stormwater outfalls; and
- To pursue opportunities to improve existing stormwater systems for new developments, with financial participation from their proponents.