



# Built and Natural Infrastructure

## Objectives

- **Responsible Infrastructure Management** – To deliver services and manage public assets in a financially and environmentally responsible manner.
- **Water Conservation** – To protect and conserve water resources.
- **Rainwater Management** – To manage rainwater in a manner that optimizes conservation, protects ecosystems, and maintains quality.
- **Wastewater Management** – To manage wastewater in a manner that optimizes conservation.
- **Waste Management** – To apply a zero-waste approach to solid waste management.
- **Reduced Urban Heating** – To reduce the heat island effect.

## Policy Directions – Key Examples

- **Sewer Connections** – Require that all new development be connected to sewer.
- **Growth Management** – Minimize costs of roads and other infrastructure through a compact urban form.
- **Asset Management** – Apply a life-cycle approach to asset management, in which the full costs of development are considered for roads, water and sanitary infrastructure, waste management, transit, and other communities services.
- **Water Conservation Strategies** – Implement conservation strategies for water that include continued water restrictions, greywater use, and rainwater harvesting.
- **Rainwater Management** – Develop a rainwater management plan that includes best practices including: minimizing impervious surfaces to encourage infiltration rather than run-off; and incorporating rain gardens, bioswales, and other features to naturally capture, convey, and infiltrate rainwater.
- **Waste Management** – Collaborate with other jurisdictions to apply a zero-waste approach to solid waste management.
- **Heat Island Effect** – Provide landscaping along streets and in other areas that provide a natural cooling function, to combat the heat island effect that is caused by hotter and drier summers.

*To review all proposed infrastructure policies, please review the draft OCP available at this event and online at [www.colwood.ca/ocp](http://www.colwood.ca/ocp)*