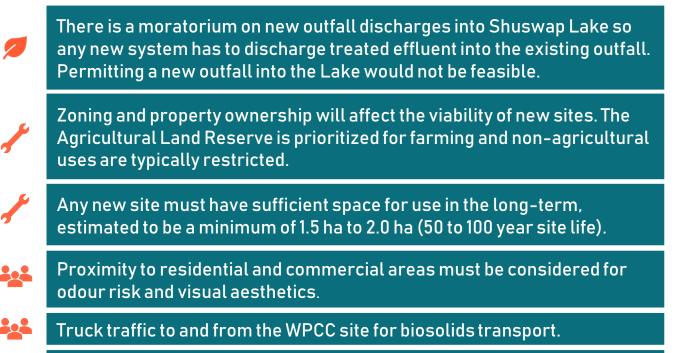
## CITY OF SALMON ARM WASTEWATER TREATMENT PLANT SITE SELECTION OPEN HOUSE

Here are a few things that are important to consider when assessing sites for new wastewater treatment infrastructure:



Elevation of new site relative to existing WPCC is important to understand long-term pumping costs

Impact on riparian areas or other sensitive environmental areas.

\$

Site elevation must be above 200 year flood plain elevation (351 m) or facilities will require floodproofing.

Wastewater would be collected and conveyed to a new WPCC site via the Wharf Street Pump Station location. This will require either upgrades or a replacement of the pump station at this location, and a pipe to the new site.

SMALL CITY, BIG IDEAS

Costs for new wastewater treatment and conveyance infrastructure.

## **Evaluation System**

Relative costs of the new wastewater treatment and conveyance infrastructure. This represents a likely cost premium for the new conveyance infrastructure only required for each option.

GREEN	\$0-10M cost premium
YELLOW	\$10-20M cost premium
RED	\$20M+ cost premium



Environmental impacts, energy consumption and material usage of proposed new infrastructure.

GREEN	Least potential impact
YELLOW	
RED	Greatest potential impact



Short term construction impacts and long-term visual, noise, or odour impacts to residents and businesses.

GREEN	Least potential impact
YELLOW	
RED	Greatest potential impact

Technical feasibility and regulatory considerations of proposed infrastructure.

GREEN Most feasible YELLOW RED Least feasible

## Other regulatory, cost and construction risks.

GREEN	Lowest risk
YELLOW	
RED	Highest risk

