BOWSER VILLAGE CENTRE WASTEWATER SERVICING STUDY

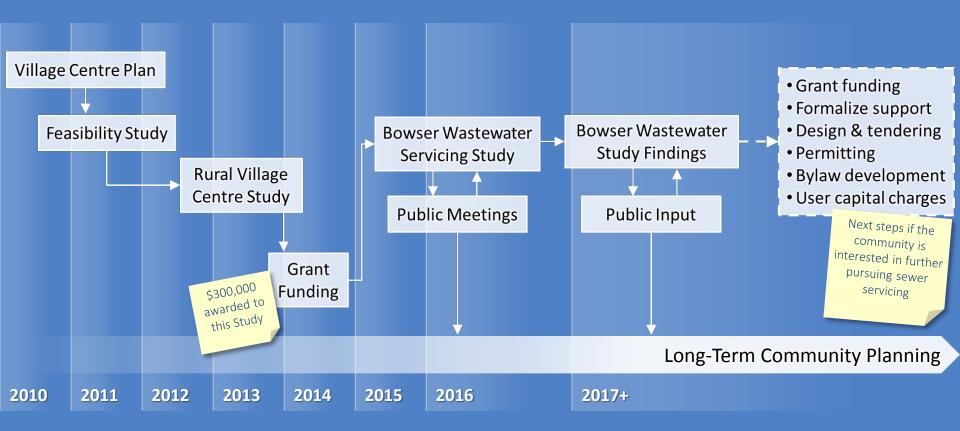
Presentation slides from the Public Meeting held July 11th 2016 at the Bowser Legion

Presentation

Outline



TIMELINE



REGIONAL GROWTH STRATEGY



BOWSER VILLAGE PLAN



DENSITY TARGETS

Aspirational target used to guide development	 Current Population 68 units - 142 people Plan Sets Density Targets Reaching density targets depends on wastewater treatment 				
	UPPER LIMIT	1,736 units			
	AVERAGE	20 units/ha by 2025 - 1,016 units 30 units/ha by 2040 - 1,523 units			
	LIKELY	893 units	Bowser Village Centre Plan recognizes that 893 units is a more		
			likely scenario		

STUDY SCOPE

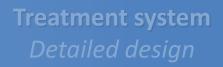
Collection system Detailed design **Treatment system** *Detailed design* **Ground disposal** *Preliminary design*





COLLECTION SYSTEM

Collection system Detailed design



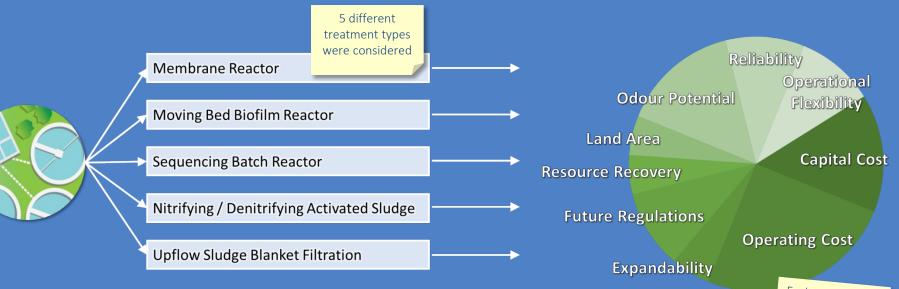
Ground disposal Preliminary design



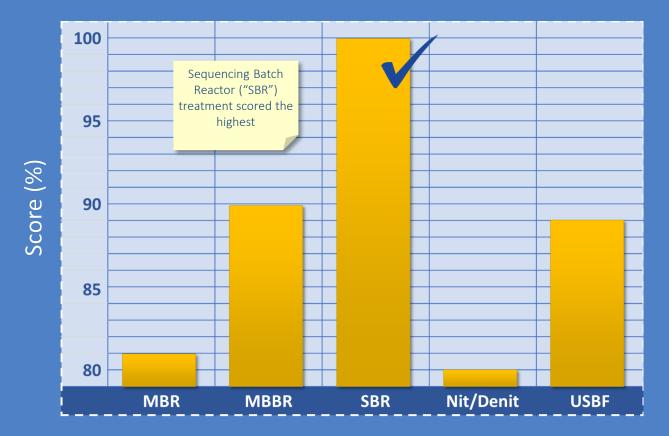


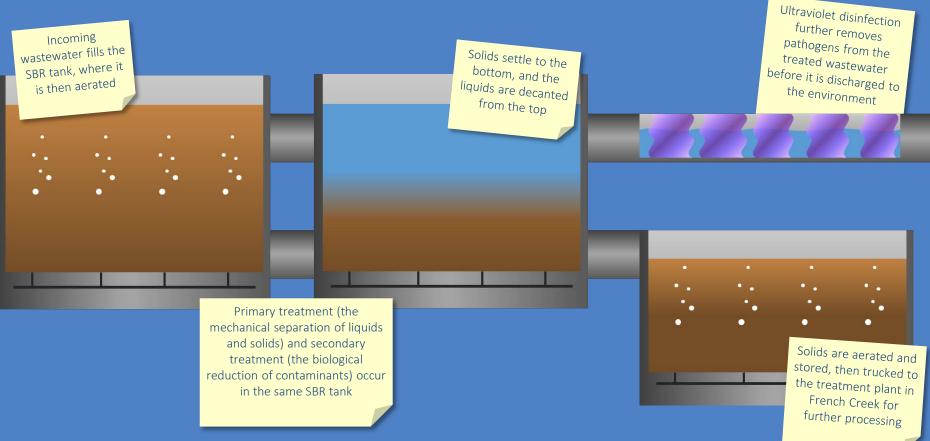
Collection system *Detailed design* Treatment system Detailed design **Ground disposal** Preliminary design

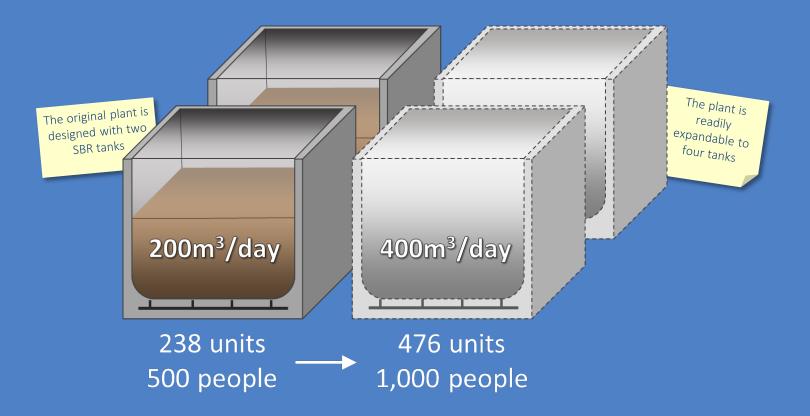


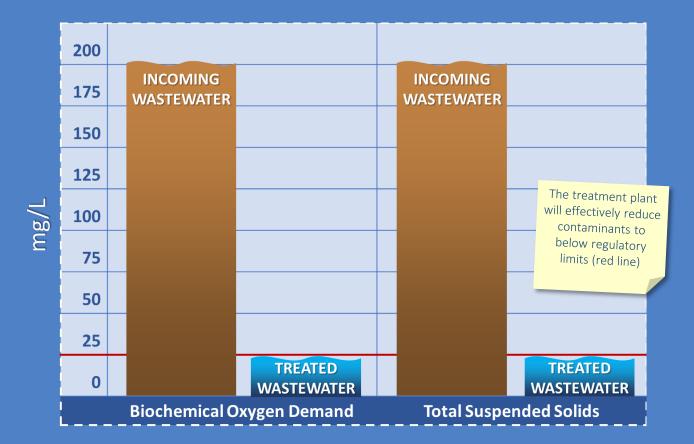


Each were scored on 9 weighted criteria







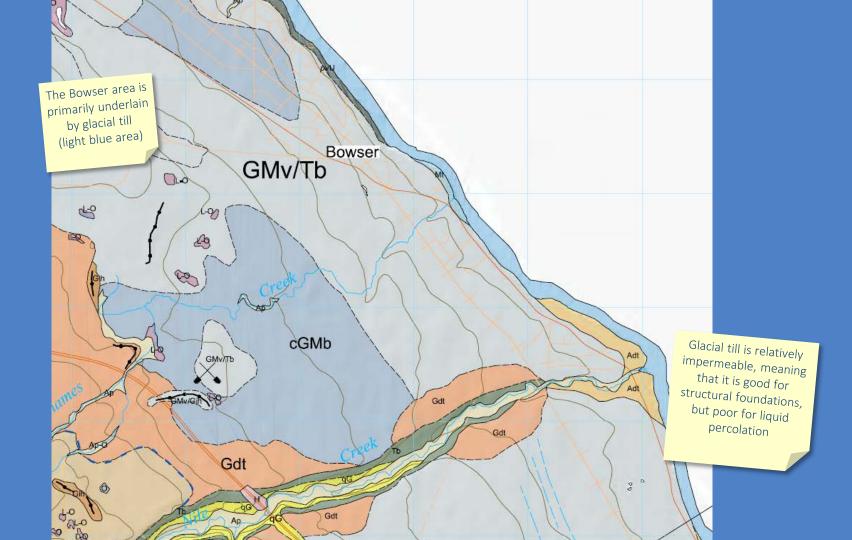


GROUND DISPOSAL

Collection system *Detailed design* **Treatment system** *Detailed design* **Ground disposal** *Preliminary design*









At this time, viable land options for ground disposal have not been identified

MARINE DISPOSAL

Collection system *Detailed design* Treatment system Detailed design **Ground disposal** *Preliminary design*







COST ESTIMATE

c +b	e costs will be er refined as the						
Study moves to detailed design		Outfall Option A (\$millions)		Ground Disposal (\$millions)			
	Collection	\$	4.9	\$	4.9		
	Treatment	\$	3.4	\$	3.4		
	Disposal	\$	1.3	\$	1.8		
	Permitting	\$	0.3	\$	0.3		
	Total	\$	9.9	\$	10.4		
	2/3 Grant Funding	-\$	6.6	-\$	6.9		
	Total w/Grant	\$	3.3	\$	3.5		

QUESTIONS & COMMENTS

Project info and updates are online at www.rdn.bc.ca/bowser

Regional District of Nanaimo Wastewater Services Department

Email: rcu@rdn.bc.ca Phone: 250-954-3792 (north) 250-390-6560 (south)

A second public meeting will be held at the end of the Study, which is currently expected for the new year