



**WR Greenfield OSL Bylaw Review**  
**March 2, 2022**



## **Agenda**

1. Project Lists
2. Next Steps
3. Preparing for Stormwater Discussion



## Project Update – Water Linear Extensions

Project	2016 OSL Bylaw Project Cost	Updated Costs	Notes
Ogden Feedermain (includes Ph 1 and 2)	\$38.5M	\$21.3M for Ph1 \$12.5M for Ph2	Phase 1 completion in 2022 <b>Phase 2 has been deferred to 2023+</b>
Lower Sarcee Feedermain	\$30.9M	\$34.8M	Delivered in two parts. Anticipated completion 2023.
210 Ave Pump Station 210 Ave Feedermain	\$15.0M \$12.0M	\$20.8M \$13.96M	Anticipated completion in 2023 Completed in 2019
East McKenzie FM	\$6.4M	\$5.7M	Completed in 2020
Northridge FM Ph 1	\$30.7M	\$42.4M	Construction completed in 2020, with maintenance period until 2022
Northridge FM Ph 2	Was included as part of Ph 1 estimate	\$33M	<b>Deferred to 2026+</b>
Northridge Res Land Reservoir	\$3.2M \$12.1M	\$0.15M \$18.5M	<b>Deferred to 2023+</b>

FM = feedermain      Ph = phase  
Res = reservoir



## Project Update – Water Linear Extensions

Project	2016 OSL Bylaw Project Cost	Updated Costs	Notes
Northridge West Leg Ph 1 and Ph 2	\$20.8M	\$21.3M for Ph1 \$12.5M for Ph2	Phase 1 completion in 2022 <b>Phase 2 has been deferred to 2023+</b>
Belvedere FM Ph 1 and Ph 2	\$23M	\$23M +	Indication there are more costs
Providence Starlight PS	\$15.8M	\$19.9M for Ph 1 \$20M for Ph 2	Interim/Ph 1 to be complete in 2022 Phase 2 has been deferred to 2023+
146 Ave FM	\$5.4M	\$5.4M	<b>Deferred to 2026+</b>
Westview Res Land Westview Reservoir	\$1.1M \$8.9M	\$1.1M + \$8.9M	Indication it will be more <b>Deferred to 2026+</b>
Haskayne FM	\$11.3M	\$9.5M	Completed in 2020 with ongoing maintenance period to 2022

FM = feedermain  
 Res = reservoir  
 PS = pump station  
 Ph - phase



## Project Update – Water Linear Extensions

2016 OSL Bylaw Estimate Total	2022 Updated Cost Estimates	2022 Updated Costs Estimates with Deferrals
\$235M	\$324.7M	\$239.2M



## Project Update – Wastewater Linear Extensions

Project	2016 OSL Bylaw Project Cost	Updated Costs	Notes
North Ridge MacDonald Trunk	\$7.1M	\$4.3M	Completed Project
West Pine Creek Sanitary Trunk Ph 2	\$46.6M	\$43.7M	Completed Project
Seton Tunnel Ph 1	\$31.8M	\$47.2M	Extended scope/length to defer Ph 2 to a later date.
Seton Tunnel Ph 2 Ph 2 Lateral 1 Only	\$18.8M	\$13.5M \$15.3M	Includes Ph 2 lateral along 88 St SE Lateral along 77 St SE
Rangeview Sanitary Trunk Laterals	\$7.0M	--	Project combined with Seton Ph 2
144 Ave NE Sanitary Trunk	\$24.1M	\$8.0M	Portion of scope deferred.
North Beddington Sanitary Ph 2 CFA	\$8.9M	\$5.1M	Completed Project

CFA= construction finance agreement



## Project Update – Wastewater Linear Extensions

Project	2016 OSL Bylaw Project Cost	Updated Costs	Notes
Beddington Creek II East Leg	\$2.7M	\$0.24M	Completed project
Belvedere Sanitary Trunk	\$6.0M	\$7.1M	Construction Agreement in place
Glacier Ridge East Basin Sanitary Trunk	\$4.0M	\$10.6M	Construction underway
Glacier Ridge West Basin Sanitary Trunk	\$8.2M	\$17.2M	Construction underway
Haskayne Sanitary Trunk	\$3.9M	\$1.7M	Completed project

2016 OSL Bylaw Estimate Total	2022 Updated Cost Estimates
\$169.1M	\$173.9M



## Project Update – Water Upgrades

Project	2016 OSL Bylaw Project Cost	Updated Costs	Notes
Airdrie FM Tie-in and Meter Chamber Relocation	\$1.4M	\$1.7M	Completed project
Pump Station 36 Installation	\$0.2M	\$0.5M	Completed project
Redevelopment	\$11.5M	--	Not Off-site Levy funded
South Glenmore Reservoir Basin II	\$40.4M	\$0.12M	Project is on hold. <b>Deferred to 2026+</b>
Bearspaw Pump Station 012 Upgrade	\$6.6M	\$1.9M	Scope adjusted. Planned for 2023+
Bearspaw Pump Station 020 Upgrade	\$2.0M	--	Merged with Pump Station 012

FM = feedermain



## Project Update – Water Upgrades

Project	2016 OSL Bylaw Project Cost	Updated Costs	Notes
Nose Hill Feedermain	\$37.8M	\$5.8M spent \$176M est. total	Updated cost reflects spend to date. Scope is under review. Significant change is expected.
Country Hills Blvd Uptown Feedermain	\$29.8M	--	Updated cost reflects spend to date. Scope is under review. Significant change is expected.

2016 OSL Bylaw Estimate Total	2022 Updated Cost Estimates
\$129.7M	\$10M +



## Project Update – Wastewater Upgrades

Project	2016 OSL Bylaw Project Cost	Updated Costs	Notes
Saddle Ridge Sanitary Upgrade	\$5.1M	\$6.1M	Completed project
Bowness Trunk Upgrade	\$48.6M	\$33.5M	Completed project
Shouldice Trunk Upgrade	\$24.0M	\$19.3M	Deferred to 2023+
Nose Creek Trunk Upgrade	\$87.7M	\$71.5M	Portions completed
Inglewood Trunk Upgrade	\$55.9M	\$101M	Ph 1 completed (\$80.8M)
McKenzie Siphon Upgrade	\$7.4M	\$10.5M	Construction anticipated to start in 2022

2016 OSL Bylaw Estimate Total	2022 Updated Cost Estimates
\$228.7M	\$241.9M



## Next Steps

- We will consider your feedback regarding the denominator and the impact of the small pockets of land that may be approved in the future with no additional capital.
- We are evaluating new projects that will need to be added to the levy list and will return once we have more information
- Working to get a map showing the industrial lands that had been excluded from the denominator



## Preparing for Stormwater Discussions

- The current methodology for stormwater is very similar to that of linear water and wastewater
- Key difference in methodology is related to the catchments
- Intent is to apply the capacity-based methodology to stormwater
- Will consider the opportunities and challenges with moving towards a citywide rate vs. catchments