

# Sub Region Storm Water Project

## Council Presentation

November 19, 2018

**Presented by:**

**Dawny George**

Director, Engineering Services



# Agenda

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- Background
- Storm servicing plan and challenges
- Funding Considerations
- Timelines
- Recommendations

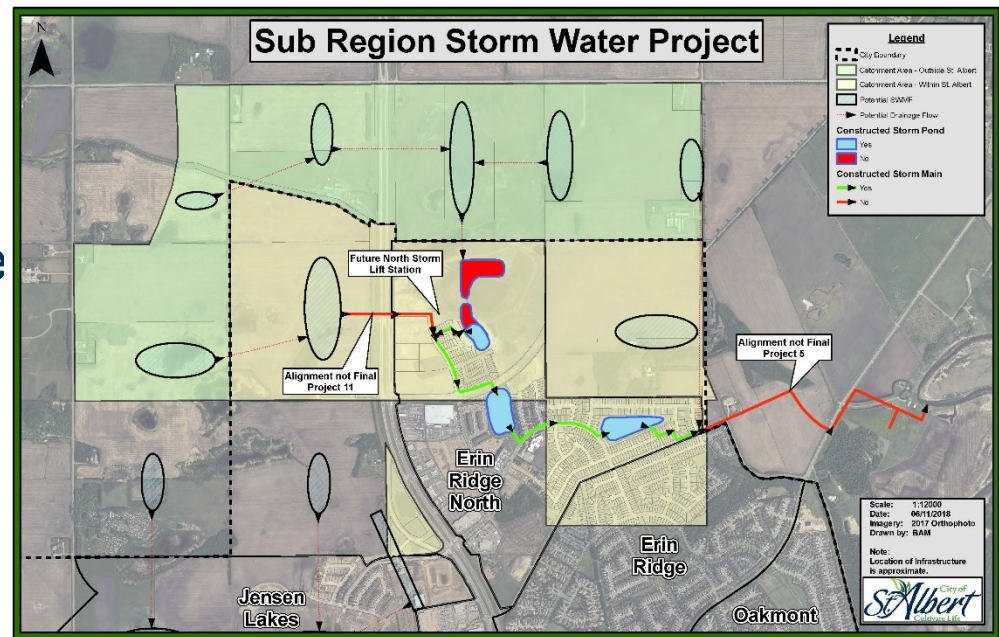
# Background

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- Current stormwater flow from Erin Ridge North (ERN) traverses through Erin Ridge, to Oakmont and finally to the Sturgeon River through existing outfalls
- Developer funded interim storm water infrastructure and procedures have been implemented to provide appropriate flooding risk management
- Further interim measures are technically challenging.
- Ultimate plan to allow continued development is for a new storm outfall and pipe to the Sturgeon River

# Storm Servicing Plan (Offsite Levy)

- Overall Storm Servicing Trunk System (constructed and yet to be constructed)
- Identified Challenges with the project
- Goal: Enable future development by facilitating the design and alignment of Storm Project 5
- Total Cost of Project 5 is estimated to be \$5M- \$10M (To be confirmed with further analysis)







# Carrot Creek Master Drainage Plan

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- Benefits of completing a Master Drainage Plan
  - Long term Servicing certainty
  - Long term Flood mitigation
  - Enable ASP's to be developed
- Identified Stakeholders
  - Sturgeon County
  - Town of Morinville
  - Alberta Transportation
  - Landowners
- Funding Support

# Estimated Timelines

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- Project 5 - Outfall
  - Preliminary design and land negotiations- 2019
  - Detailed design and environmental approvals – 2019-2020
  - Construction – 2020 to 2021
- Master Drainage Plan
  - Preliminary analysis 2019
  - Final Plan 2020

# Recommendations

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1. That the agenda report titled “Sub Regional Storm Water Project (Storm Project 5) be received as information.
2. That the design and land acquisition for the Northeast Storm Outfall and Pipe (Off-Site Levy Storm Project 5), in the amount of \$1,000,000 be funded from the Off-Site Levy Recovery Fund.
3. That the plan to complete the Carrot Creek Regional Master Drainage Plan in collaboration with Sturgeon County, Town of Morinville and the Province, in the amount of \$200,000 be funded from the Stormwater Utility Reserve.