

Ekota Dry Pond and Menisa Storm Sewer Upgrades

Public Information Session
March 18, 2015



Introduction

1. Housekeeping Items
2. Presentation
3. Question Period
4. Information Boards
5. Exit Survey



Today's Meeting

- Share information on the Ekota Dry Pond and Menisa Storm Sewer Upgrades
- Present benefits and scheduling of the project
- Question and answers
- Obtain comments and feedback on the project



After Today's Meeting

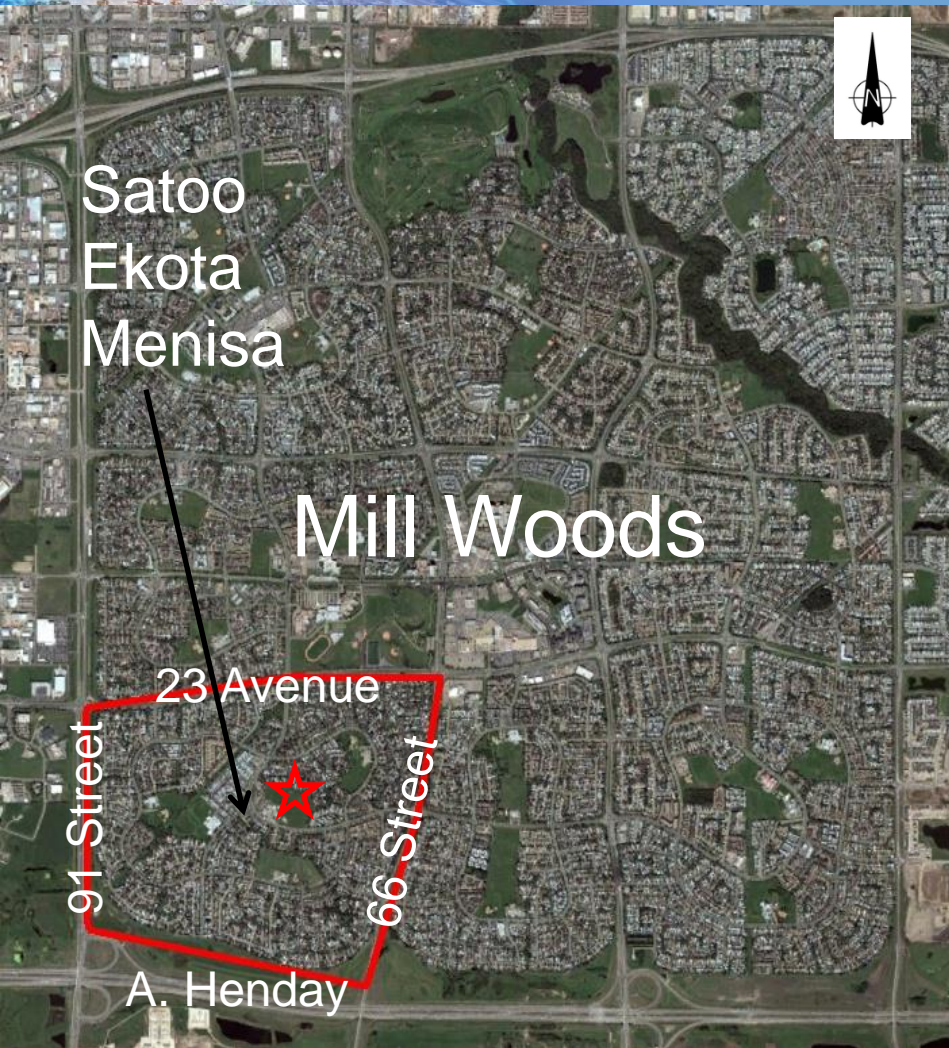
- Summarize and share community input
- Consider community input in work ahead
- Report progress and keep you informed. Information summary report will be:
 1. Posted to the following website:
http://www.edmonton.ca/residential_neighbourhoods/flooding_prevention/flood-proofing-public-consultations.aspx
 2. Emailed to the attendees via the sign-in sheet information
 3. Sent to community league for distribution
- Return to the community for a pre-construction open house

What could contribute to flooding?



- Intense rainfall
- Water ponding in low areas
- Water infiltrating into sanitary sewers
- Plugging of catchbasins
- Flows exceeding capacity of either or both local and trunk sewers

Project Location



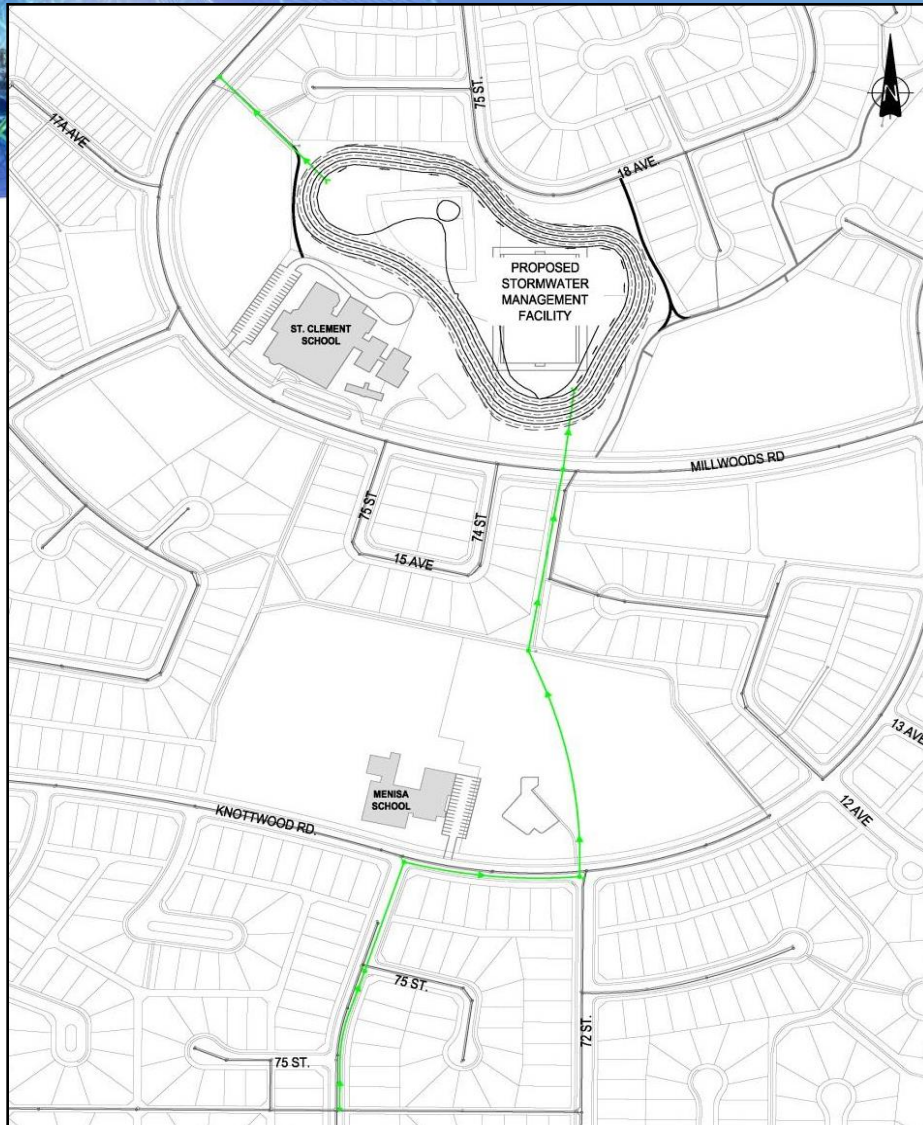
Project Background

The southeast portion of Edmonton has experienced significant flooding in 2004 and again in 2012.

Project Goal

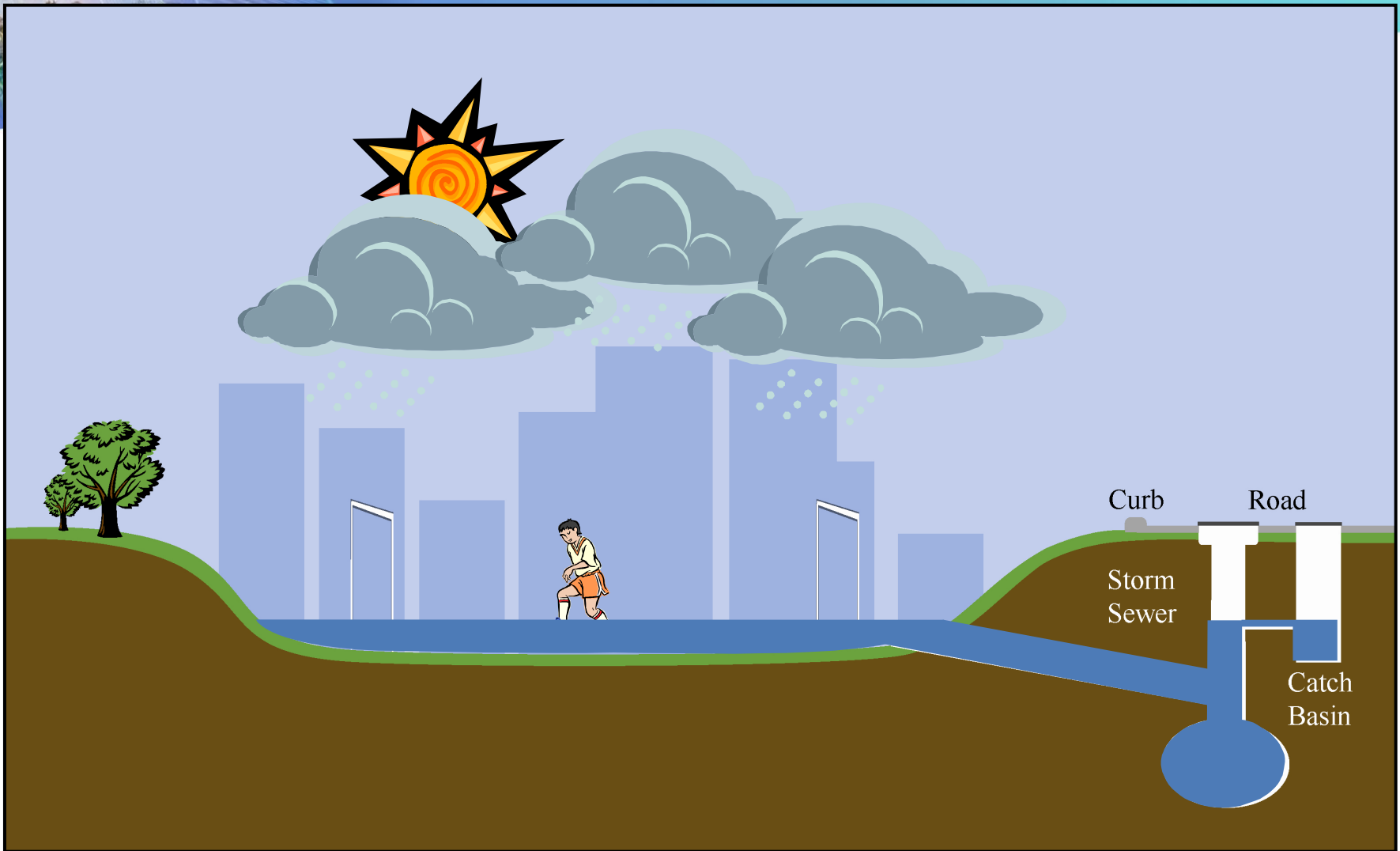
Reduce risk of flooding in Ekota and Menisa neighbourhoods

Project Overview – Ekota and Menisa



- Dry pond in Father Ivor Daniel Park/St. Clement School yard.
- Connection from the dry pond to the trunk at two points along Millwoods Road
- Construction of storm sewer relief pipes throughout the Menisa neighbourhood.

How Do Dry Ponds Work?



Ekota Dry Pond

Time to fill: 45 min
Time to drain: 1h40 min



City of Edmonton Dry Pond Examples



Aldergrove Dry Pond
(87 Ave and 182 Street)



Belmead Dry Pond
(93 Ave and 176 Street)



Malmo Dry Pond (5H:1V side slope)
(51 Avenue and 115 Street)

Easement Landscape Plan

LEGEND

- Planting Boundary
- Property Line
- Light Standard
- Power Furniture
- Deciduous Tree to Remove
- Coniferous Tree to Remove
- Existing Deciduous Tree
- Existing Coniferous Tree
- Proposed Deciduous Tree
- Proposed Coniferous Tree

Proposed trees to include:

- Silver Cloud Maple
- Norther Blaze White Ash
- Colorado Spruce
- Trembling Aspen



Ekota Dry Pond and Menisa Storm Relief

PUL AND MENISA PARK PLANTING PLAN

2015.03.18





What are the Benefits?

- Reduced surface ponding and flooding:
 - Along Millwoods Road
 - Along 75 Street
 - Along Knottwood Road
 - In trapped lows throughout the Ekota and Menisa neighbourhoods
- Reduced likelihood of sanitary backups.
- Catchbasin capacities have been checked and determined to be sufficient.
- System will be designed to meet City standards during 1:100 year event.



Project Schedule

- **Where we are now:** Preliminary Design
- **Public Consultation:** March 18, 2015
- **Detailed Design Completed:** 2015
- **Pre-Construction Open House:** A second open house will be held prior to the commencement of construction.
- **Construction:** Proposed to take place between 2016 and 2018.



Thank You

Thank you for your attendance and we welcome any questions you have.

For more information please contact:

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Questions?