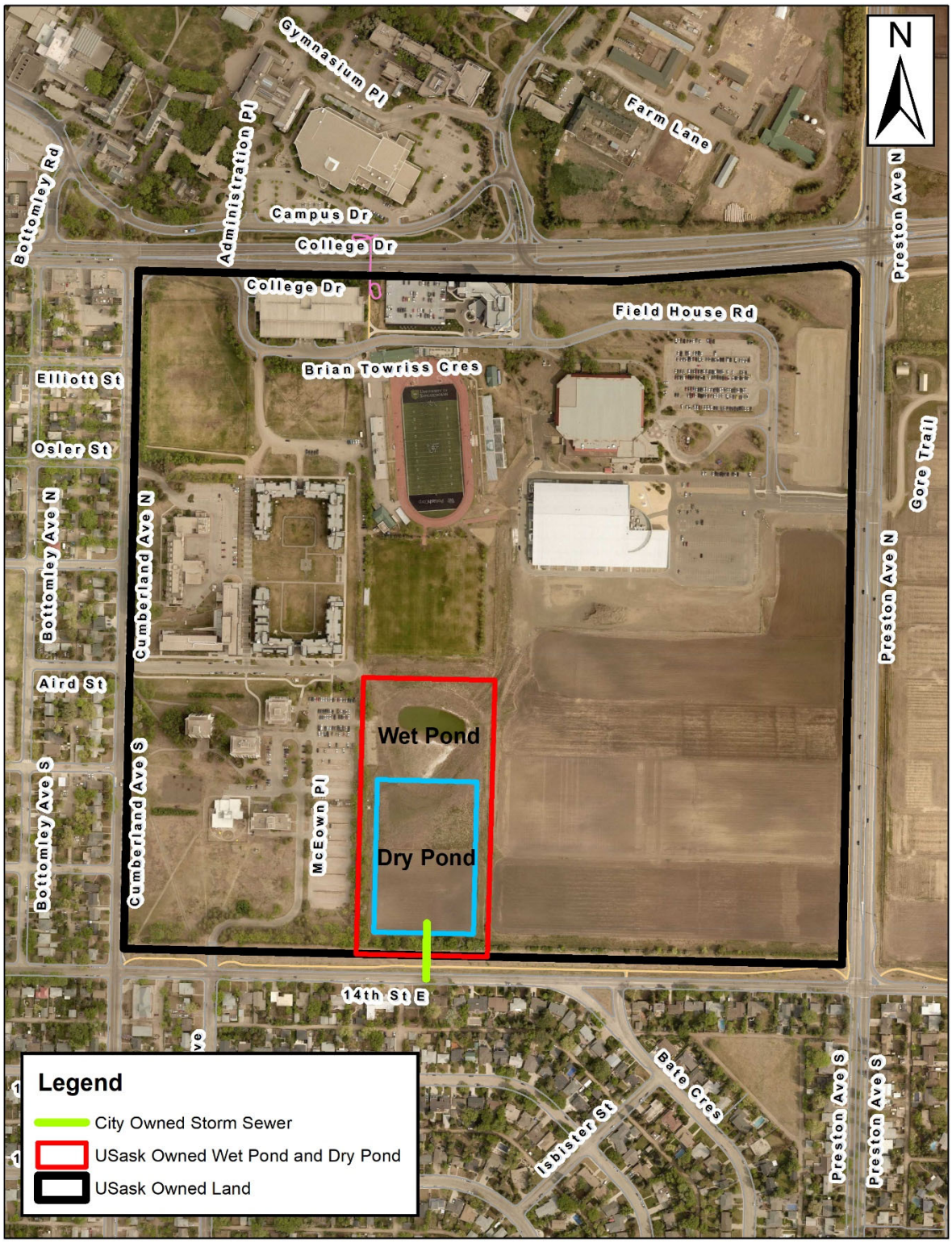
City-USask Joint Project Feasibility Assessment

Design Plan



Technical Feasibility

- A new 1200 mm storm sewer will be constructed connecting the new dry pond to the existing storm sewer pipe on 14th Street East, mitigating flooding for the intersection of 14th Street East and Cumberland Avenue South.
- Approximately 17,000 m^3 of storm water storage will be provided in the dry pond to mitigate flood conditions at the intersection.
- The dry pond will drain in less than 24 hours. The dry pond will fill and drain through a common inlet-outlet pipe.
- No City-owned trees are planned to be removed during this project and removal of trees located on USask's land will be minimized to the extent possible. New trees are planned to be planted as part of the project.
- A geotechnical investigation is planned to support the detailed design of the new infrastructure.
- Design parameters may change through detailed design.

Cost Estimate

Description	**Estimated Costs**
Dry pond excavation	$2,813,500.00
Storm sewer and supporting infrastructure	$600,000.00
Landscape consulting and construction	$1,700,000.00
Contingency	$511,350.00
Associated taxes including rebates	$337,491.00
Total Eligible Construction Costs:	**$5,962,341.00**
Internal ineligible costs (design, management, engagement, and others)	$250,000.00
Interim Maintenance Cost of Dry Pond (2027-2028)	$300,000.00
Total Ineligible Costs:	**$550,000.00**
Total Project Costs:	**$6,512,341.00**