



CAPITAL PROJECT MANAGEMENT

TO:	Council		
DATE:	April 13, 2021	DIVISION:	8
FILE:	N/A	APPLICATION:	N/A
SUBJECT:	Silverhorn Berm Update		

EXECUTIVE SUMMARY:

Administration wishes to provide Council with an update on a historical issue involving the Silverhorn development and neighboring lands. In 2014 and in coordination with Rocky View County, the developer of Silverhorn constructed a berm on their property to prevent flooding to downstream land. This berm functioned adequately until the spring of 2020 where it became apparent that the constructed berm was leaking.

The County has received an estimate of \$45,000 to repair the berm and plans to proceed with the repairs this year, subject to gaining appropriate access to the lands for the purpose of construction. In the interim, access to the lands for the purpose of pumping has been secured to manage any imminent flooding concerns.

ADMINISTRATION RECOMMENDATION:

Administration recommends approval in accordance with Option #1.

BACKGROUND:

In 2014, the Silverhorn developer in coordination with Rocky View County constructed a berm to prevent stormwater from leaving the Silverhorn development and entering downstream lands, which were experiencing flooding. In 2017 the stormwater management facilities for Silverhorn received Final Acceptance Certificates (FAC) from the County. Following the FAC, the Environmental Protection and Enhancement Act (EPEA) registration of the Silverhorn Phase 1 storm facilities was transferred to the County in accordance with the County's standard process.

Since that time, the constructed berm functioned adequately until 2020 where it became apparent that water was penetrating the berm structure resulting in impacts to downstream land. As the EPEA registration holder, the County was required to address the situation and engaged the services of MPE Engineering Ltd. MPE completed an assessment of the existing berm and has provided an estimate of \$45,000 to repair the berm. The County intends to continue to work with the Silverhorn developer to secure access to the lands for the purpose of repairing the berm and proceed with the repair work as early as possible.

Phase 2 of the Silverhorn development will address the long term stormwater solution for these lands. Further, the storm water infrastructure in question will be dedicated to the County as a public utility lot as part of the Phase 2 development for Silverhorn.

BUDGET IMPLICATIONS:

There are no budget implications anticipated. The cost to repair the berm can be accommodated within the approved 2021 Operating Budget.

Administration Resources

Angela Yurkowski, Capital Project Management



COMMUNICATIONS PLAN:

N/A

OPTIONS:

Option #1: THAT the Silverhorn Berm Update report be received for information.

Option #2: THAT alternative direction be provided.

Respectfully submitted,

Concurrence,

"Byron Riemann"

"Al Hoggan"

Executive Director

Chief Administrative Officer

AY/bg