

FLOOD ADVISORY COMMITTEE

A meeting of the Flood Advisory Committee was held in Council Chambers on Wednesday, May 11, 2022 at 9:00 am.

Present: Councillor Tim Johnson, Chair
Councillor Lisa Patton
Mayor Christine Blair
Hank Kolstee, Citizen Representative
Robert Monk, Citizen Representative

Michelle Boudreau, Director of Public Works
Rod MacLennan, Project Supervisor/Consultant
Charlotte Sullivan, NS Environment

Absent: Carl Esau, NS Agriculture

Approval of Agenda: An agenda was prepared and circulated for the Committee's review and approval.

Moved by: Mayor Blair
Seconded by: Hank Kolstee

"That the agenda be approved as presented."

Motion carried.

Approval of Minutes: Minutes from the meeting held on March 9, 2022 were circulated for the Committee's review and approval. One change was made under New Business, revising 'abbatoir' to 'aboiteau'.

Moved by: Hank Kolstee
Seconded by: Mayor Blair

"That the Minutes from the meeting on March 9, 2022 be approved as amended."

Motion carried.

Business Arising from the Minutes: None.

New Applications: No new applications were received.

Review of Projects: The following updates were made to the project list:

Portapique Cemetery:

- Rod completed a site visit this Spring with no changes to report

Ed Franklin:

- Waiting for NSE Approval to proceed with additional work
- Rod to update cost estimates for June meeting

Johnson:

- Project has been on list for 3 years and has been pending between Owner/Contractor
- Send letter to property owner

Moved by: Mayor Blair
Seconded by: Councillor Patton

“That a letter be sent to James Johnson removing this project from the list and advising that a new application can be submitted at a later date when they want to proceed with the work.”

Motion carried.

Parker:

- Rod to apply for NSE approval

Patterson:

- Rod to provide cost estimate for June meeting
- Work requires dry conditions – could be end of summer before completed

Gaspar Cross:

- Owner still experiencing flooding in driveway and into building
- Owner completed some work to direct flows to floodway at rear of property instead of backing up in the culverts/ditches
- No additional work required by this Committee

Moved by: Hank Kolstee
Seconded by: Robert Monk

“That the additional work on the Gaspar Cross Road/Upham Property be removed from the project list.”

Motion carried.

Approved Budget Fiscal 2022/23: Council approved the Committee’s request of \$100K budget for this fiscal.

Status of Payments: No outstanding amounts owing for projects completed last fiscal.

Retson Drive Drainage: Retson Drive Drainage issue was last discussed at the FAC meeting of March 9, 2022. Several residents were in attendance as well as the Area Councillor. During the March 9th meeting, the Committee passed a motion allowing the residents to participate in the meeting and provide information related to their properties. Residents expressed concerns with water ponding in the ditches and impacting their homes and yards. In response, the Committee instructed staff to gather more information including confirmation of backflow preventers on footing drains and costing for a stormwater capacity assessment for the area pipes and ditches.

Today’s meeting was scheduled in advance and made public.

Staff provided the following update on Retson drainage:

- While the Committee requested that staff confirm the presence of backflow valves on footing drains, staff felt that entering private property to confirm the information was not appropriate. Backflow valves are recommended and are the responsibility of the property owners.
- A detailed stormwater study for the area would cost approximately \$25,000 excluding any construction work.
- Staff were provided with a stormwater study which was completed by the Village of Bible Hill in March of 2022 and included drainage information for the area upstream of Retson on Meadowland. The study confirmed that the stormwater piping on Meadowland Drive is adequately sized for the 1:100 year storm
- Staff completed a high-level stormwater calculation for the 1:10 year storm for areas draining to Retson Drive. The capacity of the stormwater inlet on Retson at Meadowland was reviewed. The inlet is either nearing or slightly exceeding its capacity and is also installed as a tee connection to the 750 mm diameter storm line on Meadowland. A larger inlet installed into a proper manhole would provide better flows.
- Existing driveway culverts and ditches on Retson adequately sized and graded

The Committee has three options based on the assessment of the stormwater issues on Retson Drive:

- (1) Complete a stormwater assessment study at a cost of \$25,000 (not recommended by Staff);
- (2) Replace the 'tee connection' at the intersection of Retson and Meadowland with a manhole and larger inlet pipe; or
- (3) Leave existing stormwater infrastructure as-is.

Staff noted that, regardless of the Committee's decision, no upgrades will prevent ditches from backing up during winter conditions, when snow and ice are present. Ditches are not only designed to carry water from the roadways, but they also need to slow water down, so it does not cause erosion issues for other infrastructure and properties downstream.

Where basement elevations are low and footing drains are tied to ditches, flooded basements will likely continue to be a possibility.

Discussion was held with Committee members regarding the three options above. The \$25,000 stormwater study was not considered a good use of funds and the replacement of the tee inlet at the intersection of Retson and Meadowland was favoured by the Committee.

Moved by: Mayor Blair
Seconded by: Hank Kolstee

"That Staff proceed with cost estimates on Option #2 to remove the 'tee connection' and replace with a manhole at the Retson and

Meadowland intersection; and that a stormwater study is not approved for the Retson Drive area.”

Motion carried unanimously.

It was also suggested that a letter be sent to the property owners outlining the upgrade plans, what their responsibilities are for their own stormwater management and the design standards of ditches and how they will hold water.

Moved by: Robert Monk
Seconded by: Mayor Blair

“That a letter be sent to Retson Drive residents to advise them of the proposed upgrade work at the inlet and to inform them of ditch design standards as well as recommended practices for controlling water on their properties.”

Motion carried unanimously.

**Consultant Proposal,
2022/23:**

Rod MacLennan submitted a proposal for consulting services for the 2022/23 year. As in the past, the amounts remained the same including a monthly \$1,200 stipend; of which \$400 falls under the FAC and the remaining \$800 to be approved by the JFAC; 10% of project costs and \$75/hour for inspections.

Moved by: Robert Monk
Seconded by: Hank Kolstee

“That the Consulting Proposal received from Rod MacLennan for 2022/23 be approved as presented.”

Motion carried.

New Business:

None.

Future Meeting Dates:

The next meeting will be held in Council Chambers on Wednesday, June 15, 2022 at 9 am.

Adjournment:

Meeting adjourned at 9:53 am.

Moved by: Hank Kolstee
Seconded by: Robert Monk

“That the meeting adjourn at 9:53 am.”

Motion carried.

Crystal Deuille,
Recording Secretary