

Walsh – MacKay Creek – Draft Flood Hazard Study – Summary

Community	Hamlet of Walsh Cypress County
Stream	MacKay Creek
Basin	South Saskatchewan River – 5A

This study delineates flood hazard areas and determines design flood levels along almost 6 km of MacKay Creek through Cypress County, including Walsh. The design discharge for MacKay Creek is 119 m³/s.

The headwaters of MacKay Creek are located in the Cypress Hills. There are two natural storage areas near Walsh and the floodplain slopes away from MacKay Creek at some locations, which can lead to complex flow patterns during flood events. Flooding within the study area typically occurs in the open water season, either as a result of heavy spring rainfall combined with snowmelt runoff between February and April, or from intense summer rainstorm events between May and October. High flows typically occur in spring, but annual peaks can be higher when they occur in summer.

A digital representation of the draft flood hazard maps prepared as part of this study can be viewed online.

- [Walsh Flood Hazard Mapping](#)

For more information regarding specific flood hazards in your community, please contact Alberta Environment and Parks by email at ESRD.Flood@gov.ab.ca.

Flood Hazard Study Details

Study Status	Final
Report Name	Cypress County Flood Hazard Identification Study - MacKay Creek at the Hamlet of Walsh
Report Author	Northwest Hydraulic Consultants Ltd., Edmonton, Alberta
Report Date	March 2013

Flood information available after study completion may not be reflected in the current flood hazard study report or flood hazard mapping.

To obtain a PDF copy of the current report or mapping in PDF format, please contact Alberta Environment and Parks by email at ESRD.Flood@gov.ab.ca.

Instructions on how to obtain official GIS flood hazard mapping data, or more information on the Flood Hazard Identification Program and flood hazard studies in Alberta, are available online.

- floodhazard.alberta.ca

Provincial Designation Details

Designation Status	Pending
---------------------------	---------

Related Information

Adjacent Studies	None
-------------------------	------