

## Rocky View (County) – Elbow River and Lott Creek – Flood Hazard Study – Summary

<b>Community</b>	Rocky View County City of Calgary Tsuu T'ina Indian Reserve No. 145
<b>Stream</b>	Elbow River Lott Creek
<b>Basin</b>	Bow River – 5B

This study delineates flood hazard areas and determines design flood levels along the Elbow River through Rocky View County. The study area includes an approximate 39 km reach of the Elbow River upstream of the Glenmore Reservoir, located west of Calgary. The design discharge for the Elbow River is 842 m<sup>3</sup>/s. The study area also includes a short reach of Lott Creek near its confluence with the Elbow River. However, the flood hazard mapping along Lott Creek is currently under review by Alberta Environment and Parks.

The Elbow River has its headwaters in the eastern slopes and foothills of the Rocky Mountains. Large flood events in the study area are usually caused by a combination of snowmelt runoff and heavy rainfall. High flows typically occur in May or June.

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

- [Rocky View \(County\) 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](mailto:ESRD.Flood@gov.ab.ca).

### Flood Hazard Study Details

<b>Study Status</b>	Final
<b>Report Name</b>	Elbow River - M.D. of Rockyview Flood Risk Mapping Study
<b>Report Author</b>	AGRA Earth & Environmental Ltd., Calgary, Alberta
<b>Report Date</b>	February 1996
<b>Revision Date</b>	June 1998

The original study was prepared in February 1996. Updated flood hazard mapping was published in June 1998 following a series of hydraulic model revisions. Although the original report was not updated to reflect any revisions or new analyses, it is considered to provide valuable background information. The original report and updated mapping constitute the revised study.

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](mailto: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](http://floodhazard.alberta.ca)

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## Provincial Designation Details

<b>Designation Status</b>	Pending
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## Related Information

<b>Adjacent Studies</b>	<ul style="list-style-type: none"><li>• <a href="#">Calgary – Bow and Elbow Rivers</a></li></ul>
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