

Long-term Flood Mitigation Options

OTHER CONSIDERATIONS

Summary

The following flood protection measures were considered, but are outside of our control as they are not within the City of Abbotsford's jurisdiction.

DYKES

- **New** full border dyke along US/Canada border, which would be approximately 6-9 metres high
    - **Impact:** this would essentially worsen flooding at the cities of Sumas and Everson
    - **Jurisdiction:** United States Federal Government
- Full upgrade to the Vedder River/Canal Dyke through the City of Chilliwack
    - **Jurisdiction:** City of Chilliwack

SUMAS MOUNTAIN TUNNEL

- Drill a tunnel through Sumas Mountain to convey the flow directly from Sumas River to the Fraser River
    - **Jurisdiction:** Fraser Valley Regional District

NOOKSACK RIVER MANAGEMENT

- Construct a new levee along Nooksack River at Everson
- Reinforce downstream levees along Nooksack River
- Implement a sediment management program
    - **Jurisdiction (for all)**: United States Federal Government, Washington State Government, Whatcom County