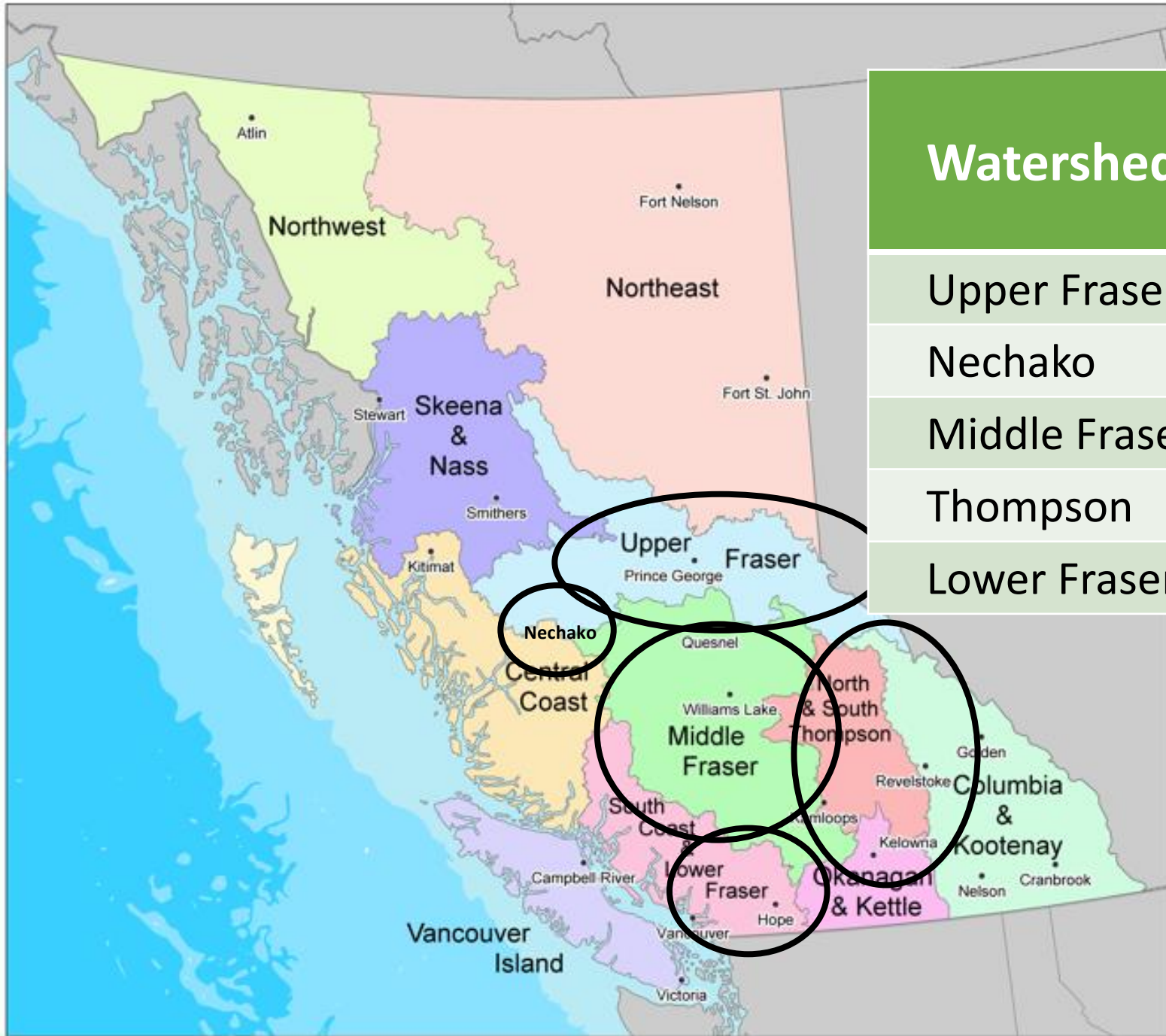


# FRASER RIVER FRESHET UPDATE

Council Meeting  
April 21, 2020



Watershed	% of Flow at Mission
Upper Fraser	27%
Nechako	7%
Middle Fraser	26%
Thompson	27%
Lower Fraser	13%

# SNOWPACK UPDATE - APRIL 1ST

Basin	% of Normal Snowpack
Upper Fraser West	129%
Upper Fraser East	147%
Nechako	101%
Middle Fraser	111%
North Thompson	117%
South Thompson	123%
Lower Fraser	97%
<b>Overall Basin</b>	<b>116%</b>

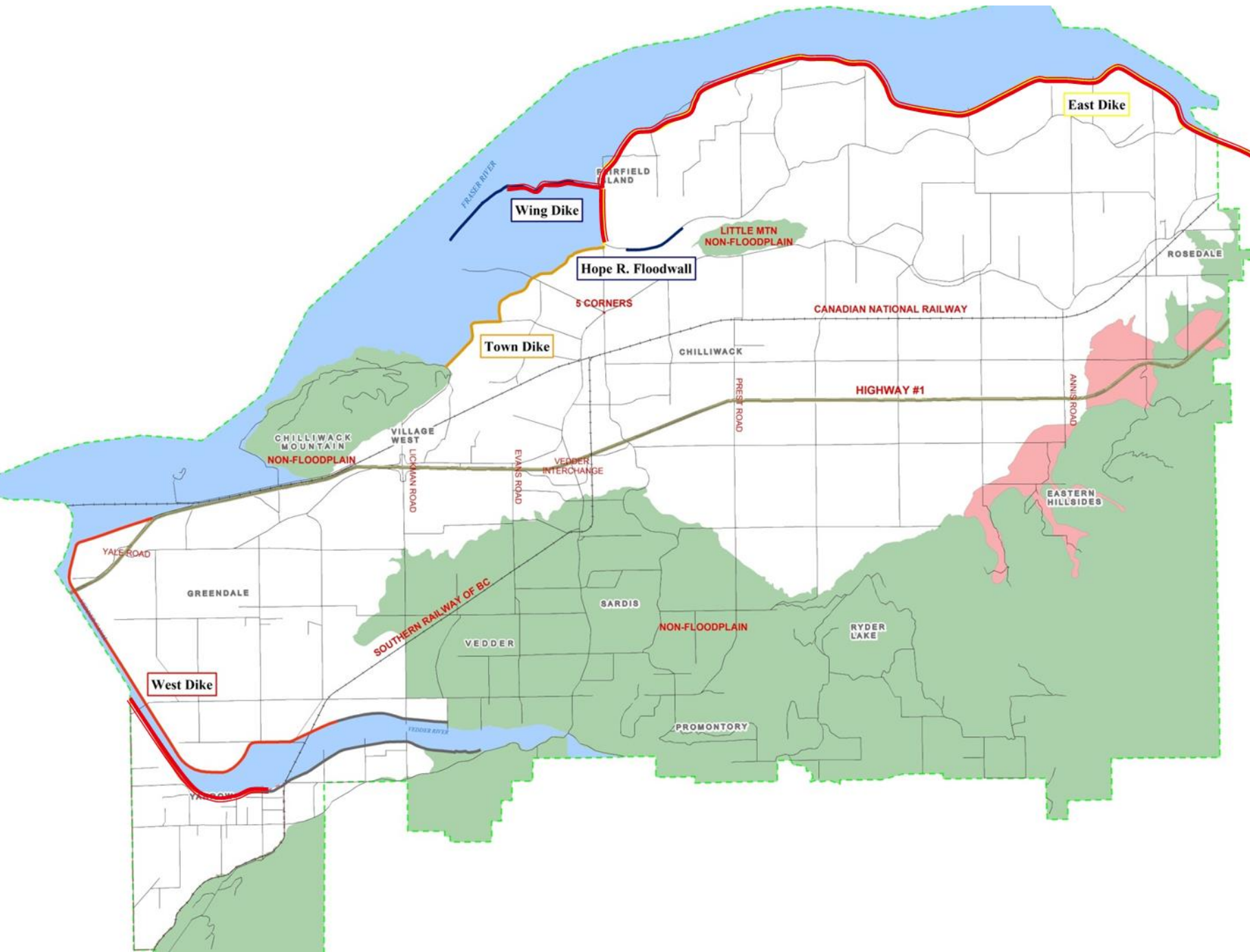
	Flow at Hope	W.L. at Mission
2020 Expected Peak	8,000 – 11,000 m <sup>3</sup> /s	
2018 Peak	10,900 m <sup>3</sup> /s	6.0 m
2017 Peak	9,500 m <sup>3</sup> /s	5.6 m
2016 Peak	6,000 m <sup>3</sup> /s	3.7 m
2012 Peak	11,700 m <sup>3</sup> /s	6.4 m
1972 Peak	12,900 m <sup>3</sup> /s	7.1m
1948 Peak	15,400 m <sup>3</sup> /s	7.5m

2-5 yr event

1:20 yr event

# FRESHET OUTLOOK

- Freshet period: May – July
- **Above Average flows expected in 2020**
- Peak depends on weather in Central Interior



# DIKE SYSTEM

Millions of dollars in upgrades over the past decade.

# FRESHET PREPARATIONS

- Dyke mowing & inspections;
- Pumps, floodbox & flapgate inspections;
- Equipment and materials confirmation;
- Emergency Dyke Upgrades Plan;
- Flood Response Plan;
  - Activities based on water levels
- Monitor provincial river forecasts;
  - 10 day flow and water level forecasts
- Issue advisories or alerts as warranted based on levels and forecasts.



# FOR INFORMATION

- [www.chilliwack.com/floodprotection](http://www.chilliwack.com/floodprotection)
  - Flood protection information, advisories
  - Current water levels and forecasts
  - FAQ's
  - Emergency preparedness information for residents
    - Grab and Go Kit checklist
- Information Line: 604.793.2757