Acme Floodplain acquisition

Water Work Session

January 17, 2023

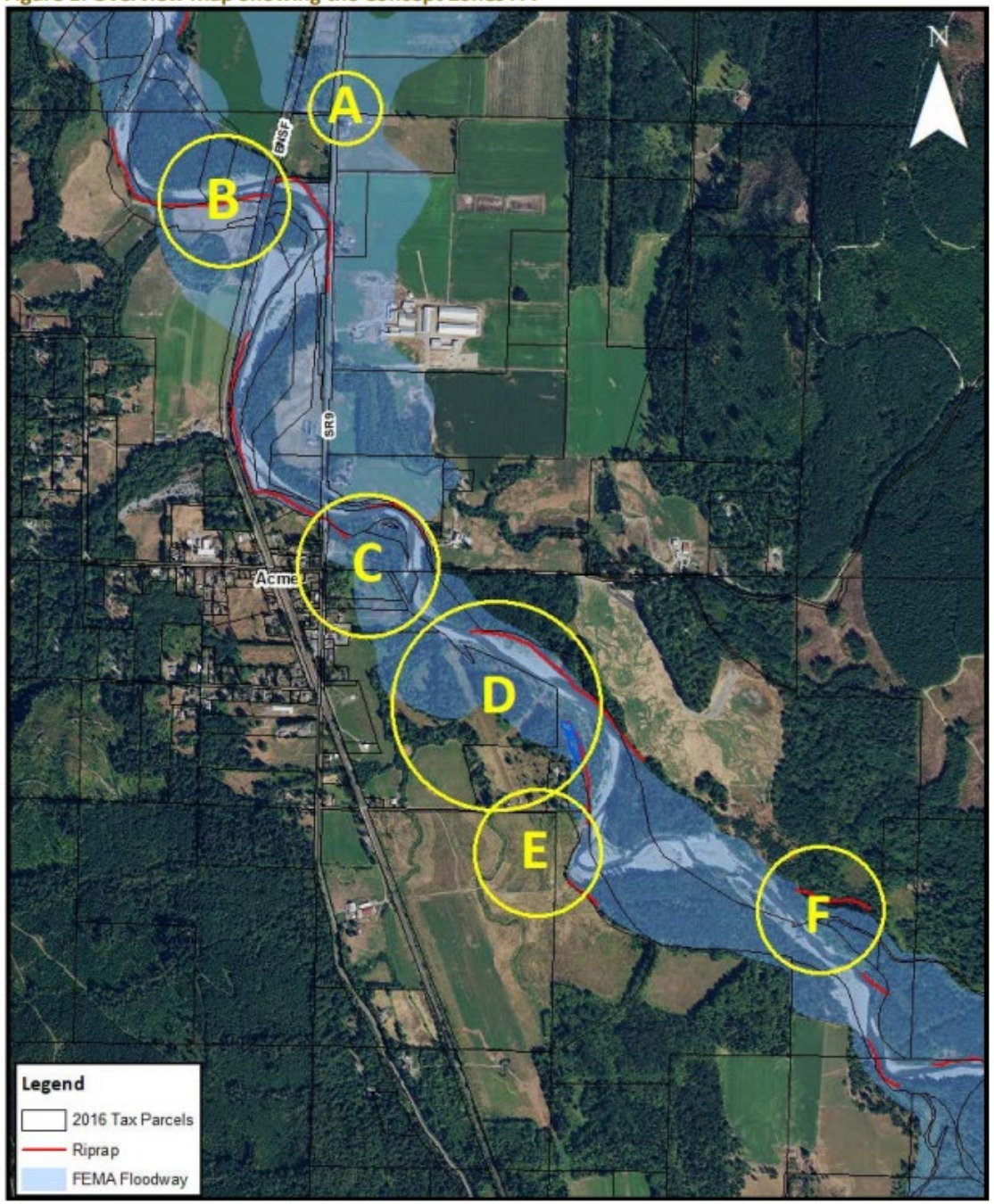
Acme Floodplain

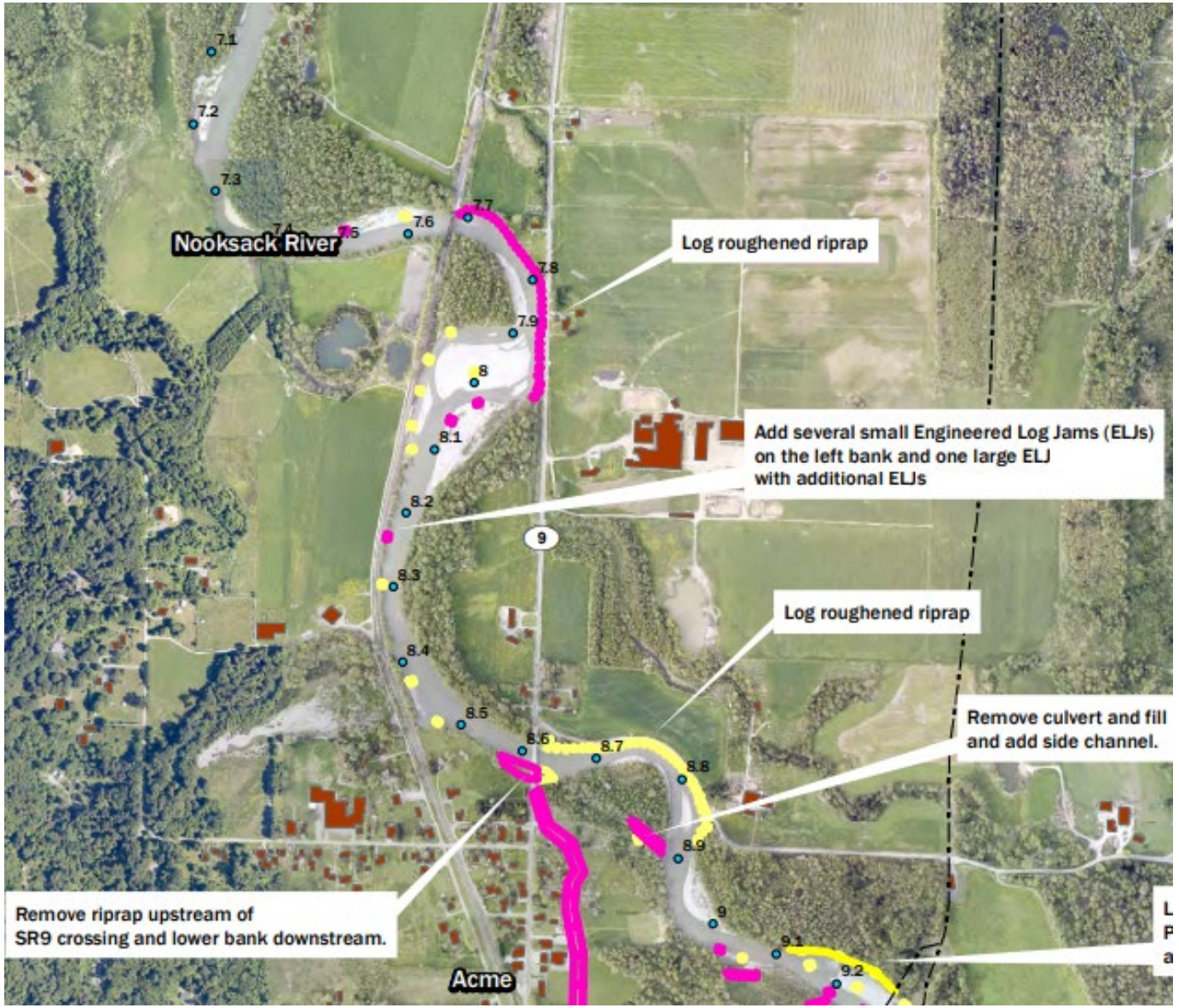
- Project Overview
- Status update
- Next steps

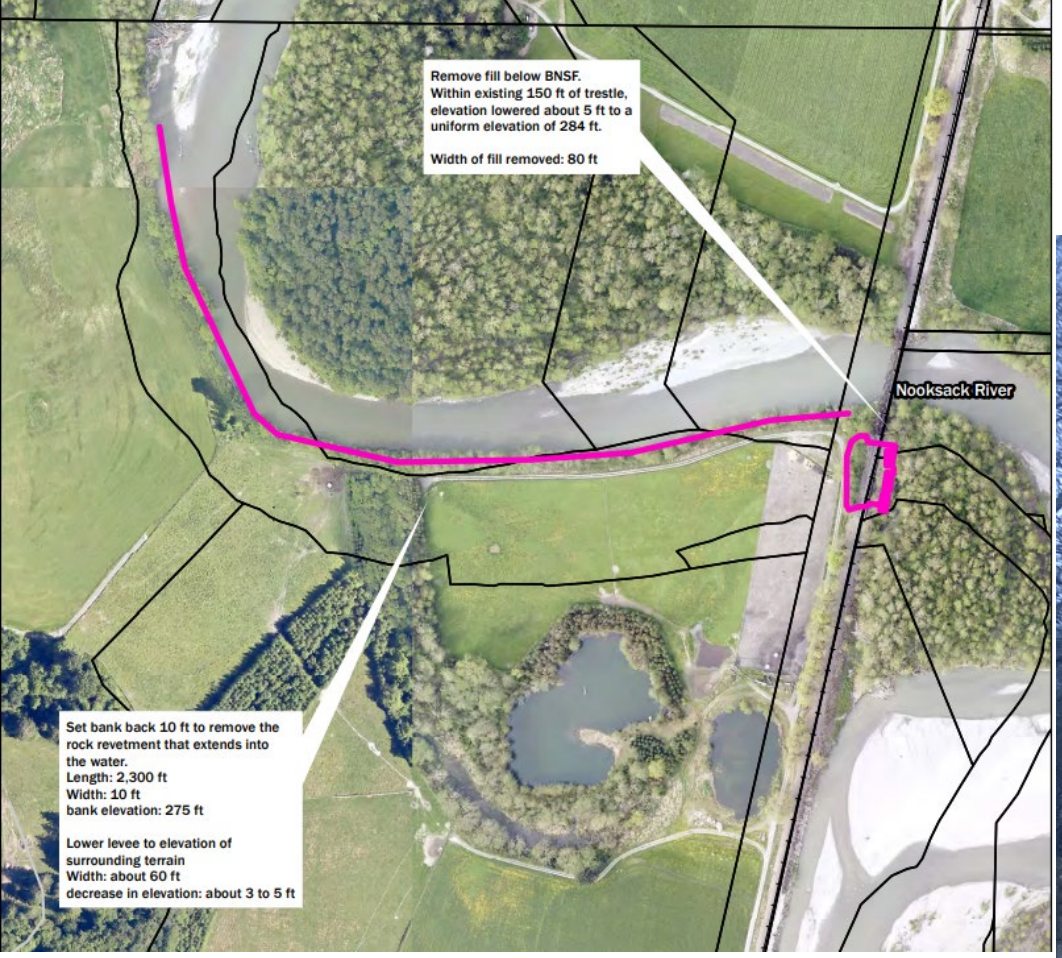
Acme Floodplain – Project Overview

- Approximately 143 acres
  - Almost 130 of which are floodplain
- 2 homes located in floodway will be removed
- Facilitate the removal of ~2,300 feet of rip rap and floodplain reconnection
- Support implementation of Fishcamp Project
- Reduce flood pressure on the town of Acme

Figure 1: Overview Map Showing the Concept Zones A-F

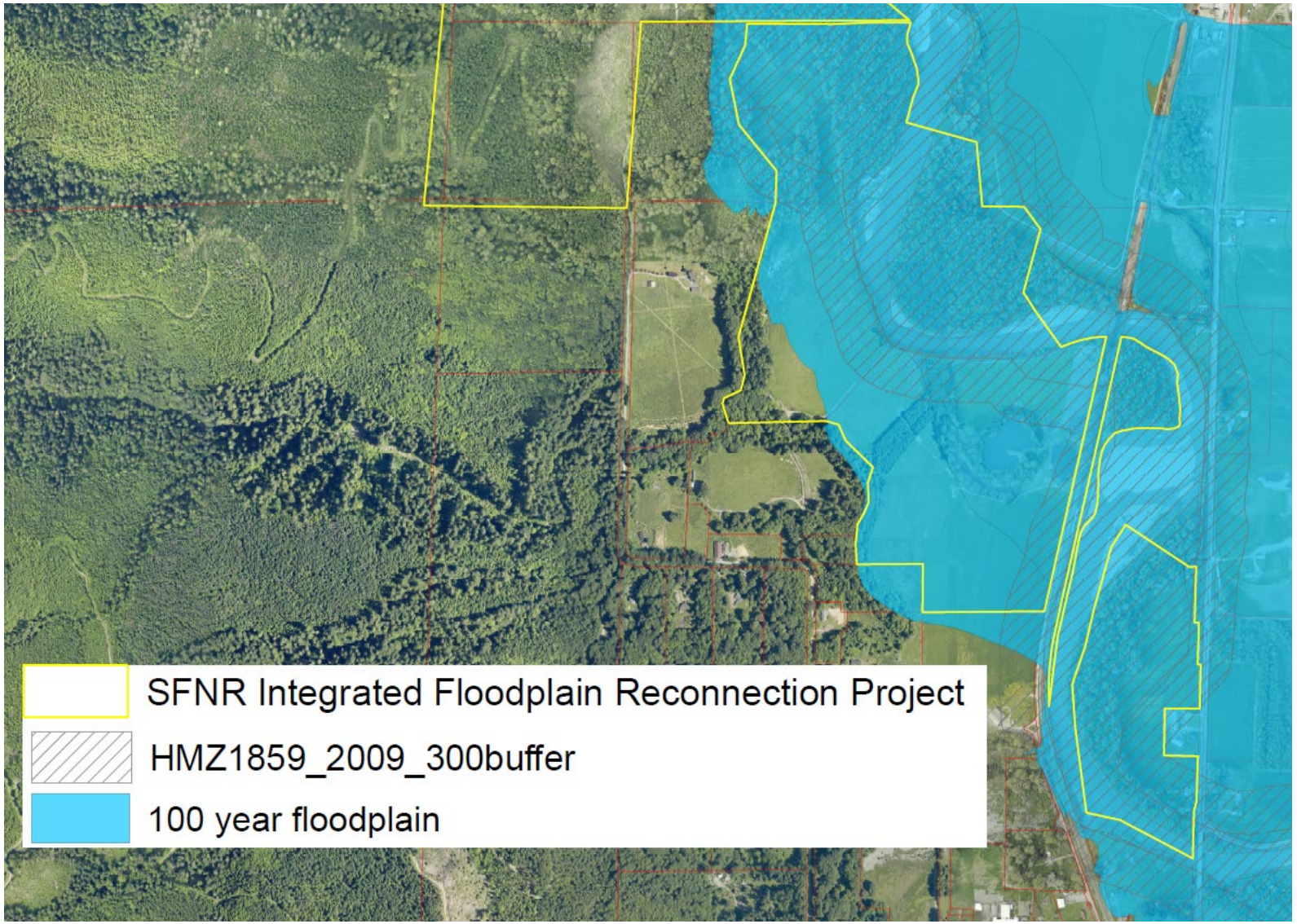


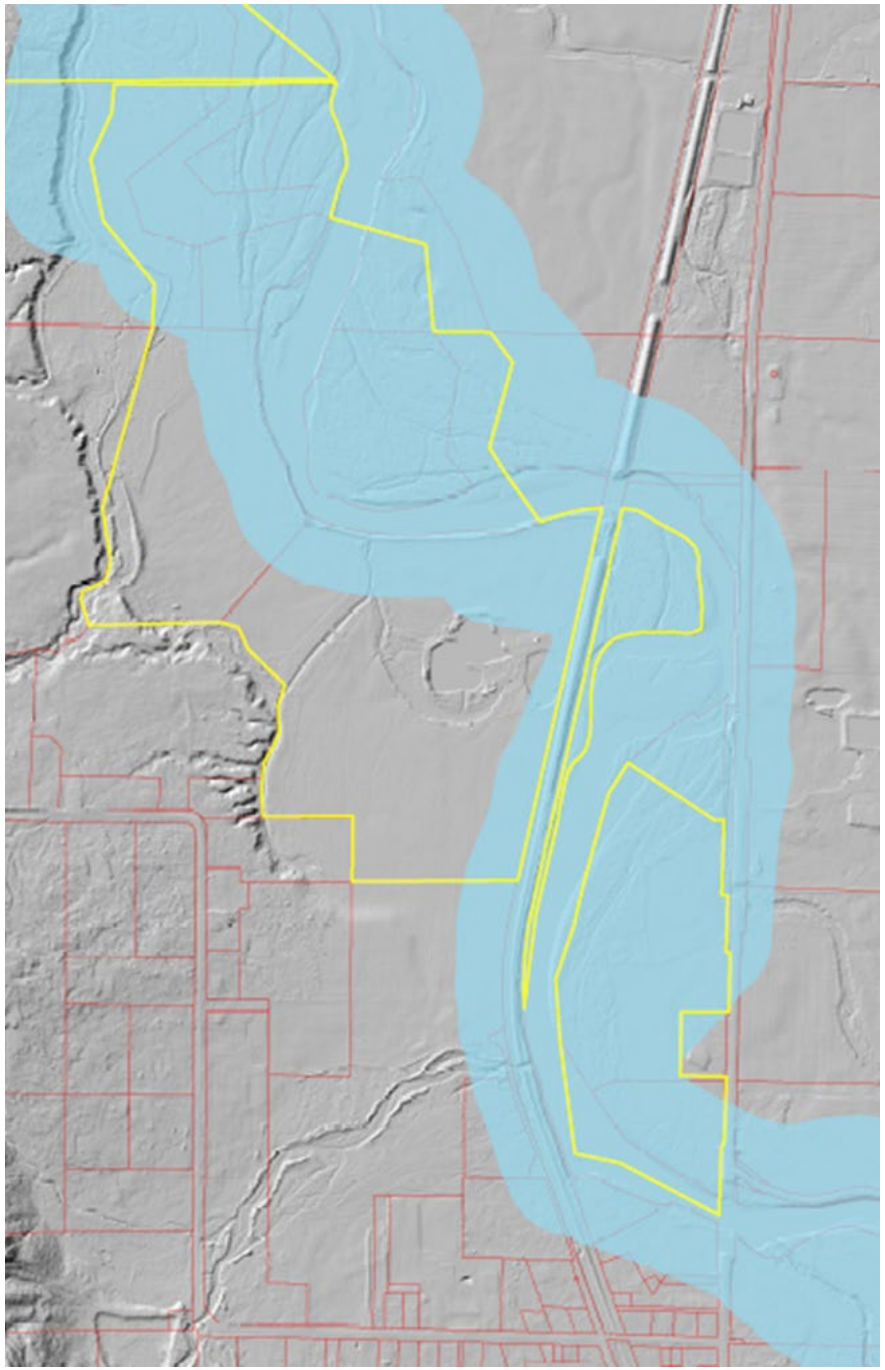



Remove fill below BNSF.
Within existing 150 ft of trestle, elevation lowered about 5 ft to a uniform elevation of 284 ft.
Width of fill removed: 80 ft
Nooksack River
Set bank back 10 ft to remove the rock revetment that extends into the water.
Length: 2,300 ft
Width: 10 ft
bank elevation: 275 ft
Lower levee to elevation of surrounding terrain
Width: about 60 ft
decrease in elevation: about 3 to 5 ft

Acme Floodplain – Status updates

- Appraisal complete - $1.5 million land value for Acme Floodplain
- Boundary Line adjustment almost complete to separate upland from floodplain
- Fishcamp project selected for Puget Sound Acquisition and Restoration (PSAR) funding (subject to legislative approval)
- South Fork Nooksack Integrated Floodplain Reconnection project just below PSAR funding line


SFNR Integrated Floodplain Reconnection Project
HMZ1859_2009_300buffer
100 year floodplain



Acme Floodplain – Next Steps

- Work with Council to develop a funding plan
- Develop a purchase and sale agreement
- Work with Nooksack Tribe to engage legislature for PSAR funding