



Lower Satsop Restoration & Protection Program

Protect, Preserve, Restore

* Farmland * Essential Infrastructure * River/Floodplain Functions & Habitat

June 3, 2021



Grays Harbor
Conservation
District



Today

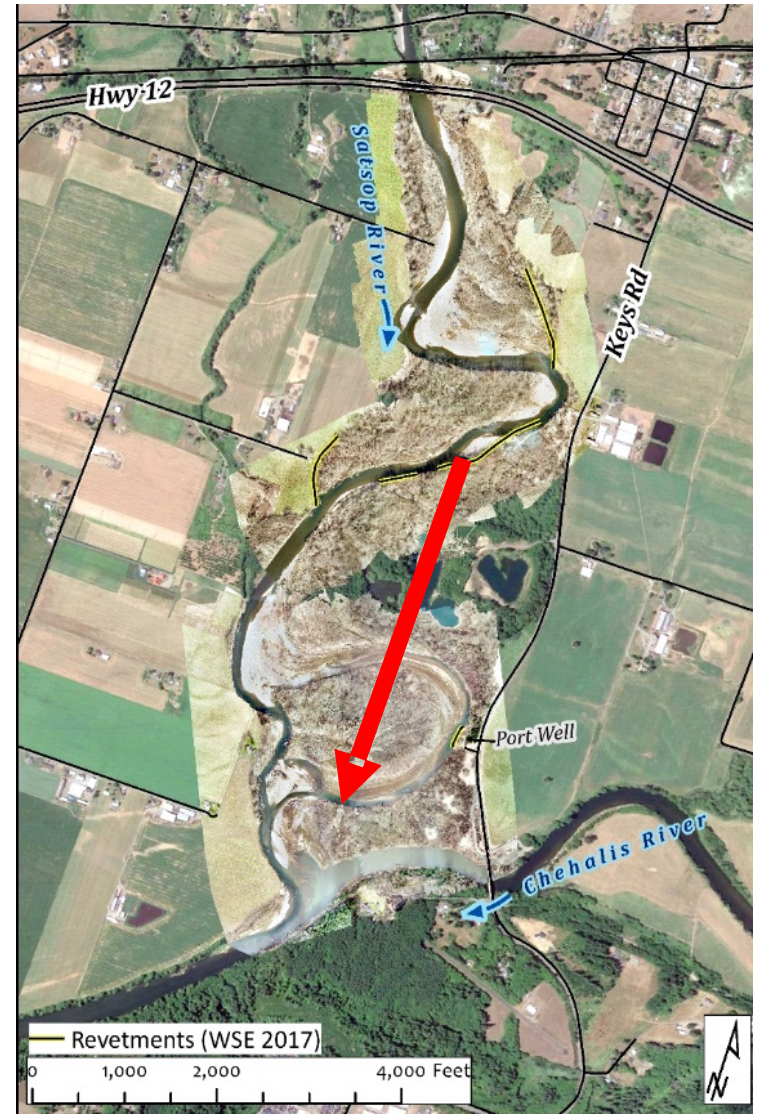
1. Update – Where are we today?
2. Current Issue – Crisis erosion
3. Request – Grays Harbor Conservation District

1. Update -- Changed System



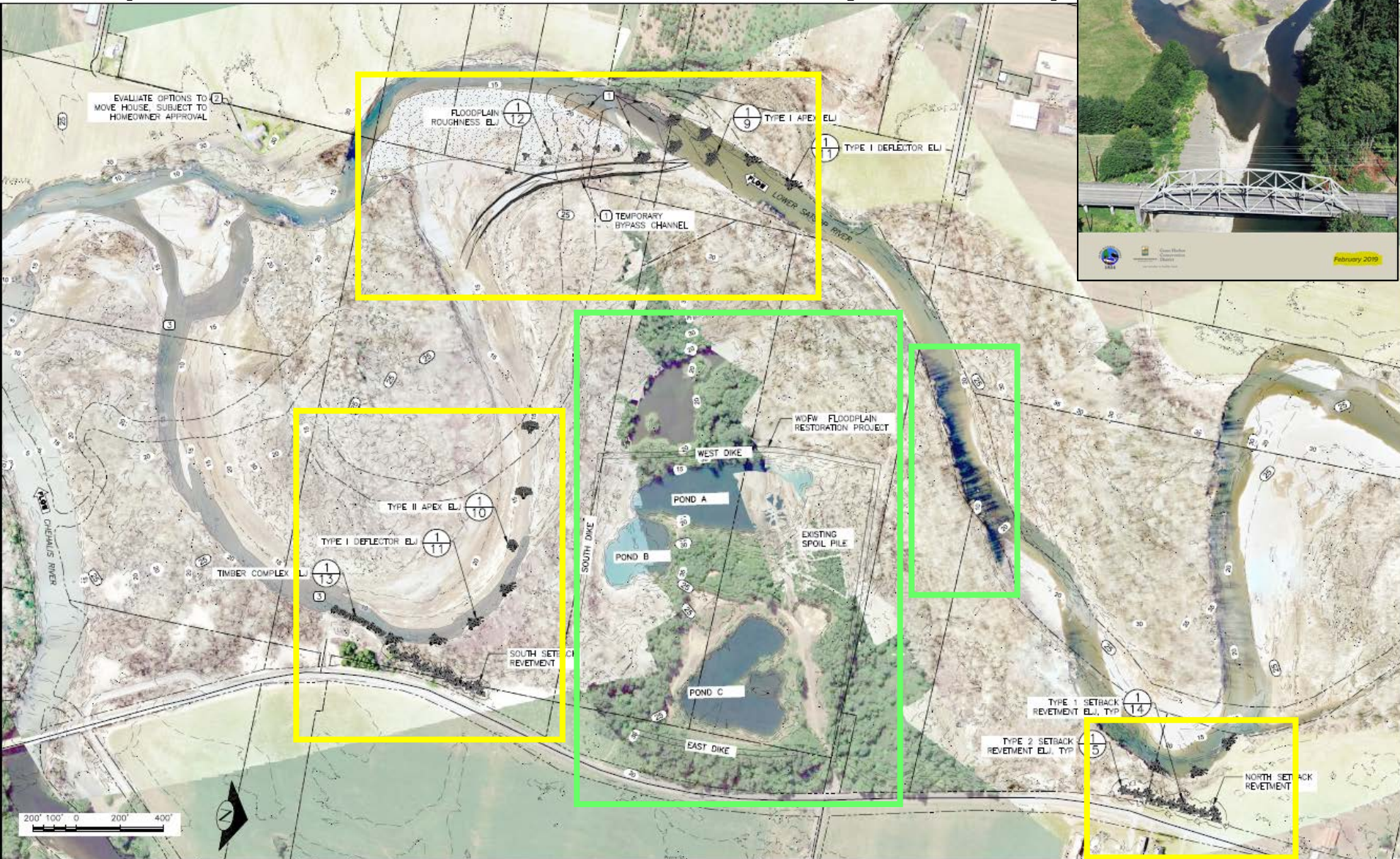
1953 (SW trajectory)

2 of 13



2019 (SE trajectory)

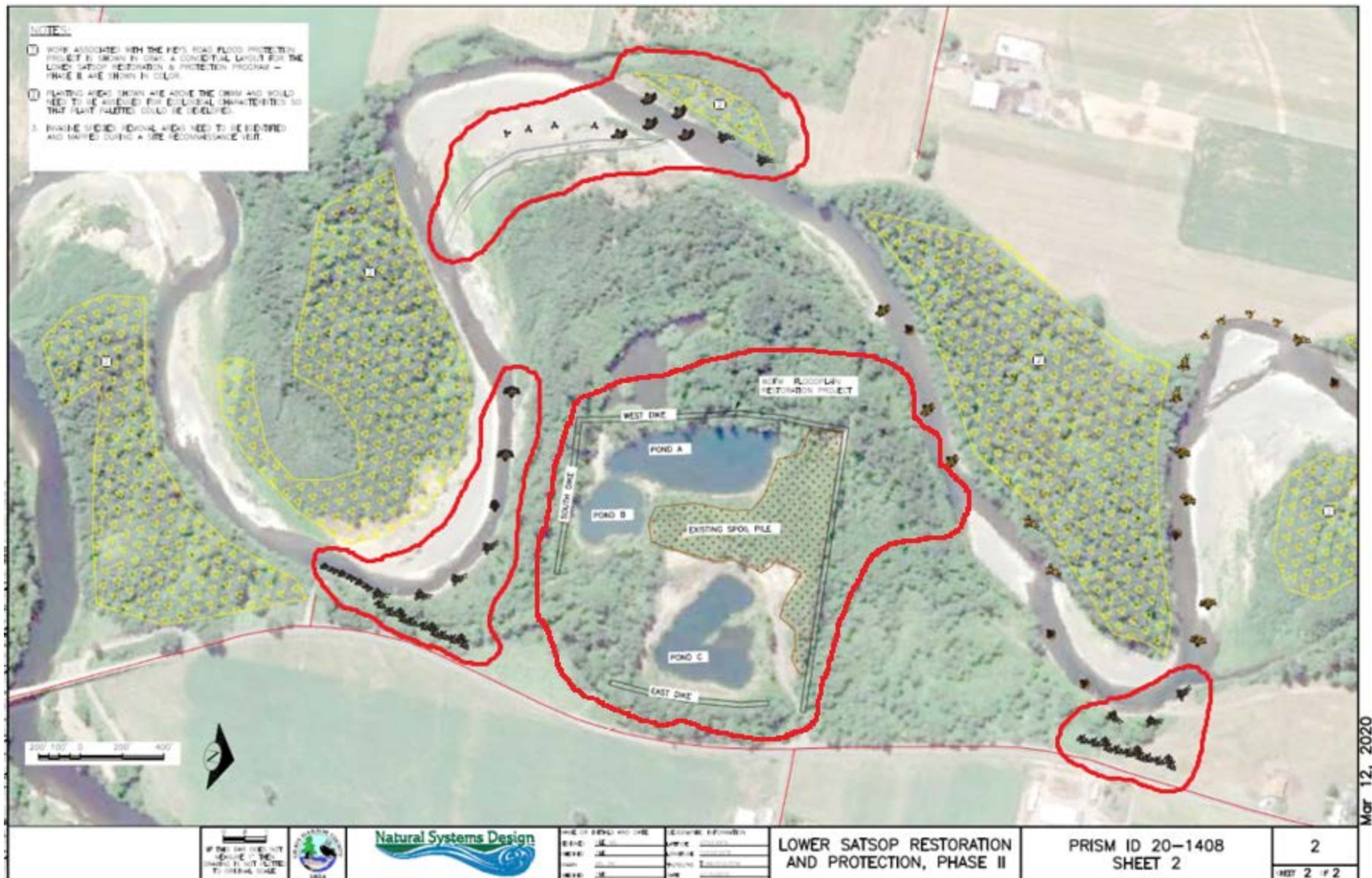
1. Update -- What's Been Done (2018-21)



“GHC, 2020”

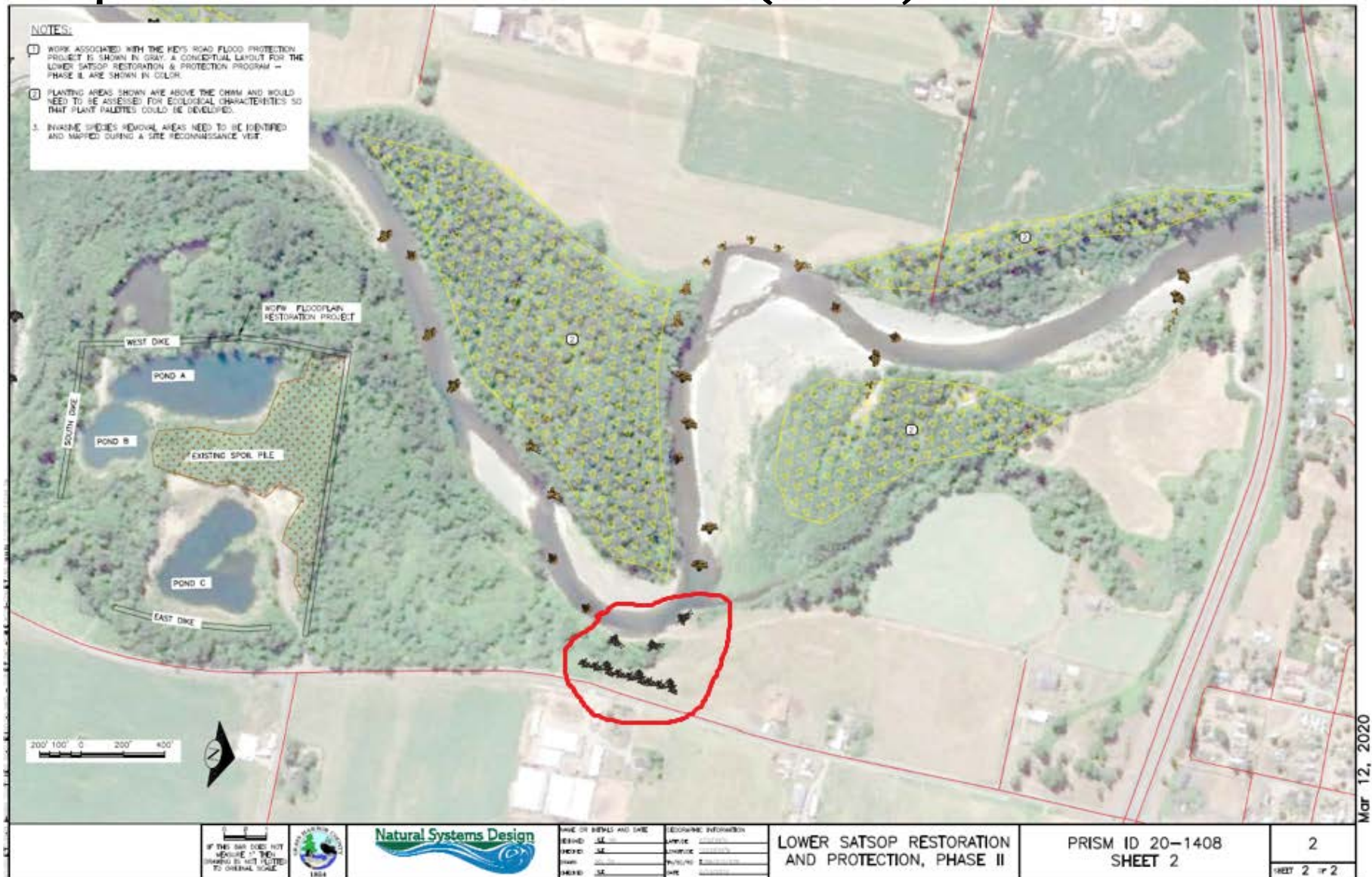
“WDFW, 2019-20”

1. Update -- What's Planned (2022)



Red Outline = Done (2019-20)

1. Update -- What's Planned (2022)



Red Outline = Done (2019-2020)

1. Update – Advisory Group (2018-21)



1. Update – Multi-Phased Effort (2018-21)



Lower Satsop Restoration & Protection Program

"Organizing Stage"

9/2017 10/2017 11/2017 12/2017 1/2018 2/2018 3/2018 4/2018

"Visioning Stage" -- *GHC/RCO Project 18-2118 (\$312,019)*

4/2018 5/2018 6/2018 7/2018 8/2018 9/2018 10/2018 11/2018 12/2018 1/2019 2/2019



(Phase I)
Keys Road Corridor
Flood Protection
Project

"Planning/Design/Engineering/Permitting/Bid (Phase I)" -- *GHC/RCO Project 18-2118 (\$312,019)*

6/2019 7/2019 8/2019 9/2019 10/2019 11/2019 12/2019 1/2020 2/2020 3/2020 4/2020 5/2020 6/2020 7/2020

"Construction (Phase I)" -- *GHC/RCO Project 20-2052 (\$1,621,325)*

7/2020 8/2020 9/2020 10/2020 11/2020

(Phase II)
Habitat
Connectivity
& Reach-Scale
Aquatic, Riparian
and Floodplain
Restoration
Project

"Planning/Design/Engineering/Permitting/Bid (Phase II)" -- *GHC/RCO Project 20-1883 (\$320,000 ASRP)*

10/2020 11/2020 12/2020 1/2021 2/2021 3/2021 4/2021 5/2021 6/2021 7/2021 8/2021 9/2021 10/2021 11/2021 12/2021 1/2022 2/2022 3/2022 4/2022 5/2022

"Construction (Phase II)" -- *GHC/RCO Project 22-???? (\$1,561,405 pending)*

5/2022 6/2022 7/2022 8/2022 9/2022 10/2022 11/2022

✓ Many Community Meetings

✓ Many Individual Meetings/Presentations/Tours

✓ Many Multi-Agency Advisory Group Meetings

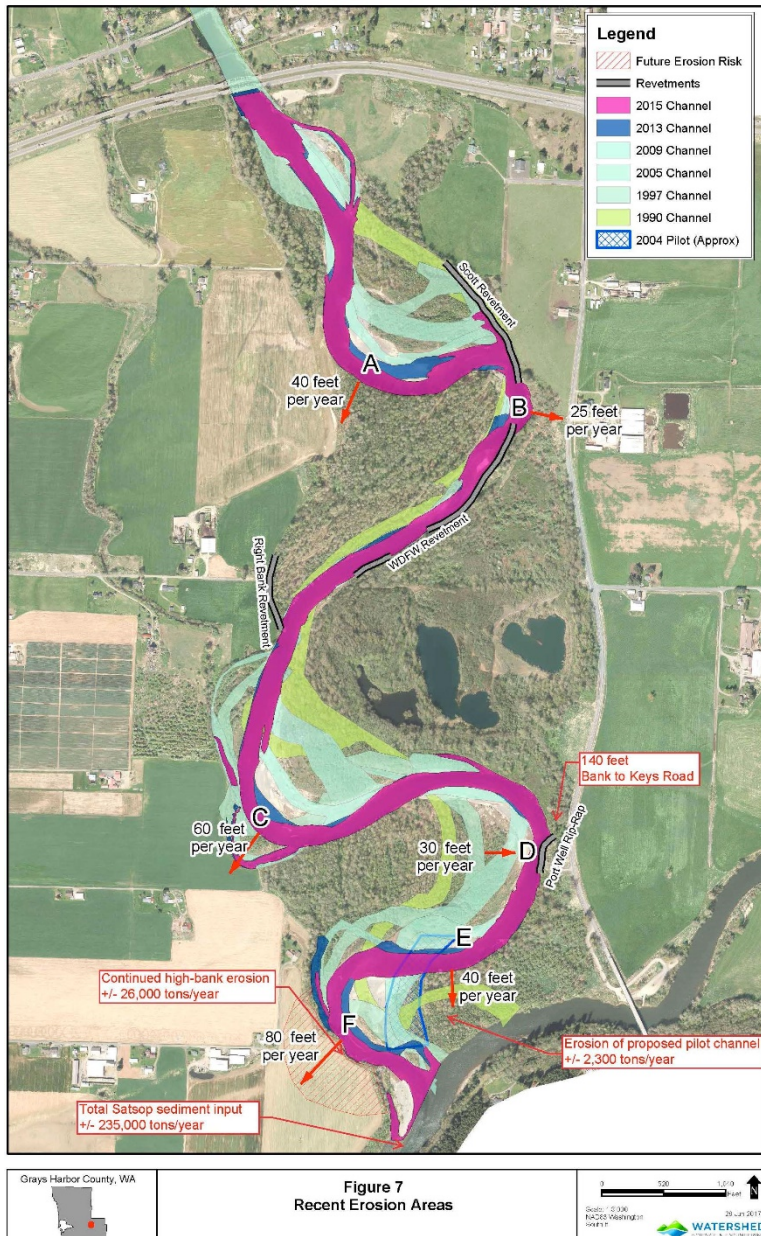


1953

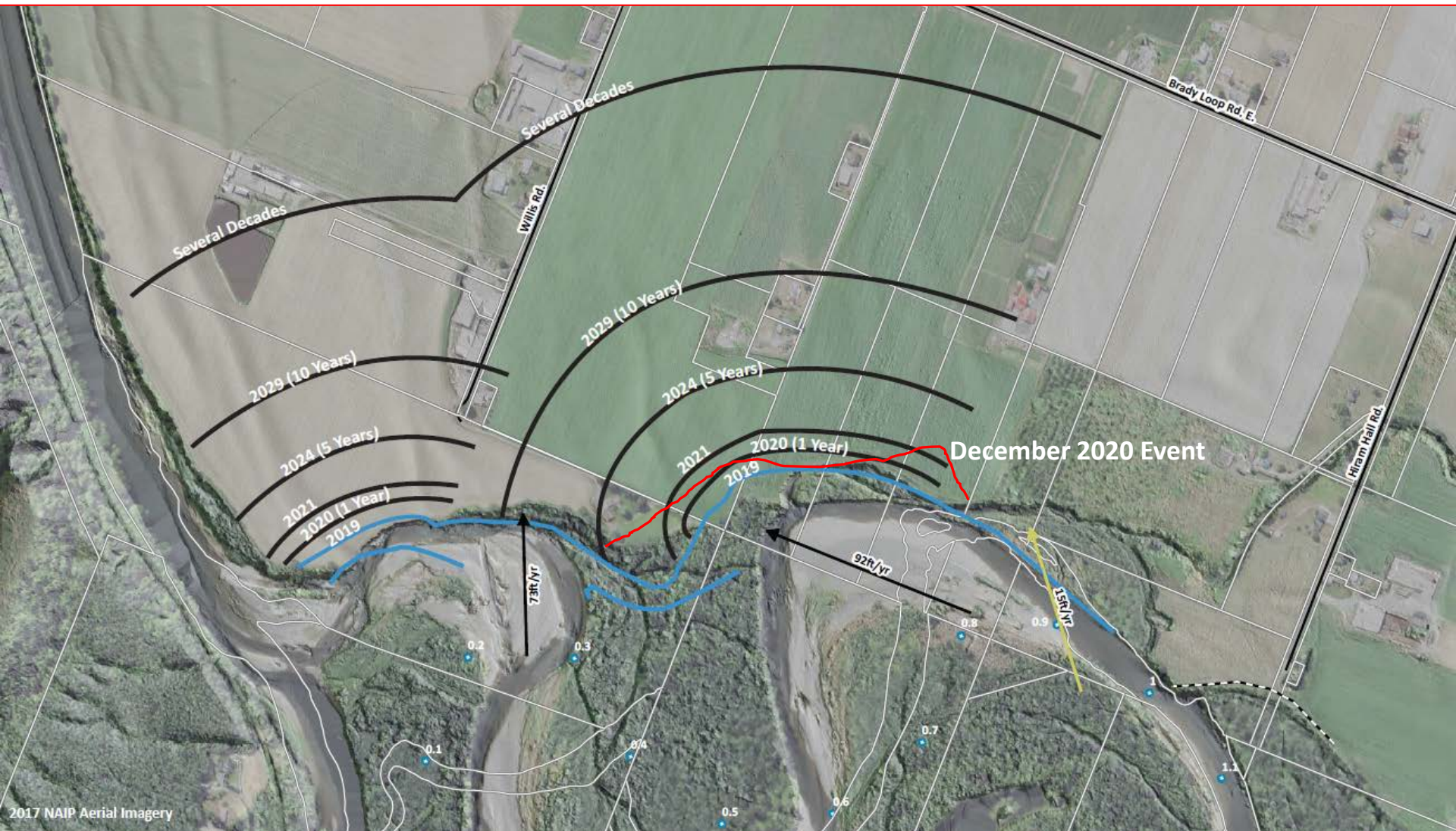


2019

2. Current Issue – 2015 Erosion Projections



2. Current Issue – 2019 Erosion Projections

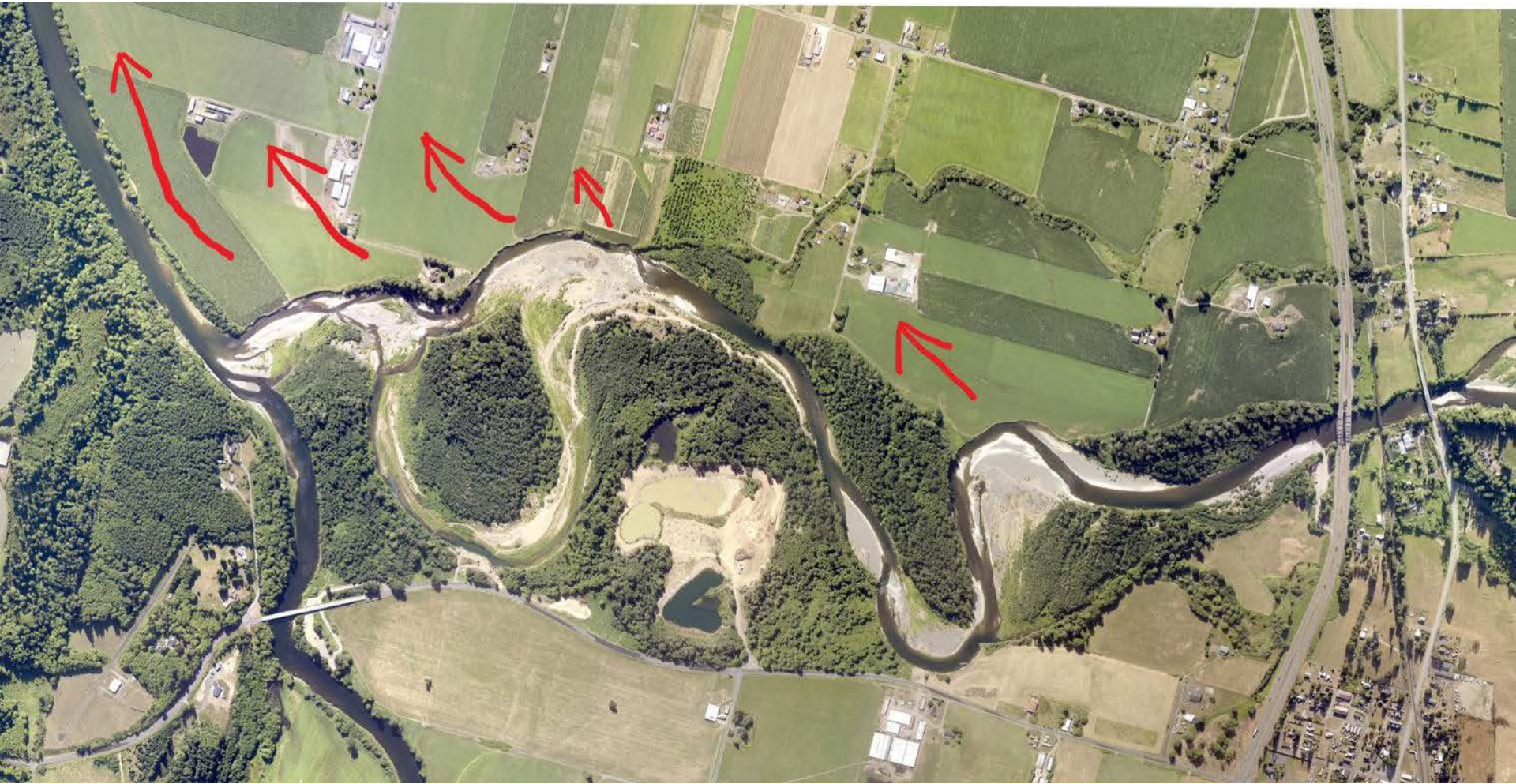


2. Current Issue – December 28, 2020 Flood Event



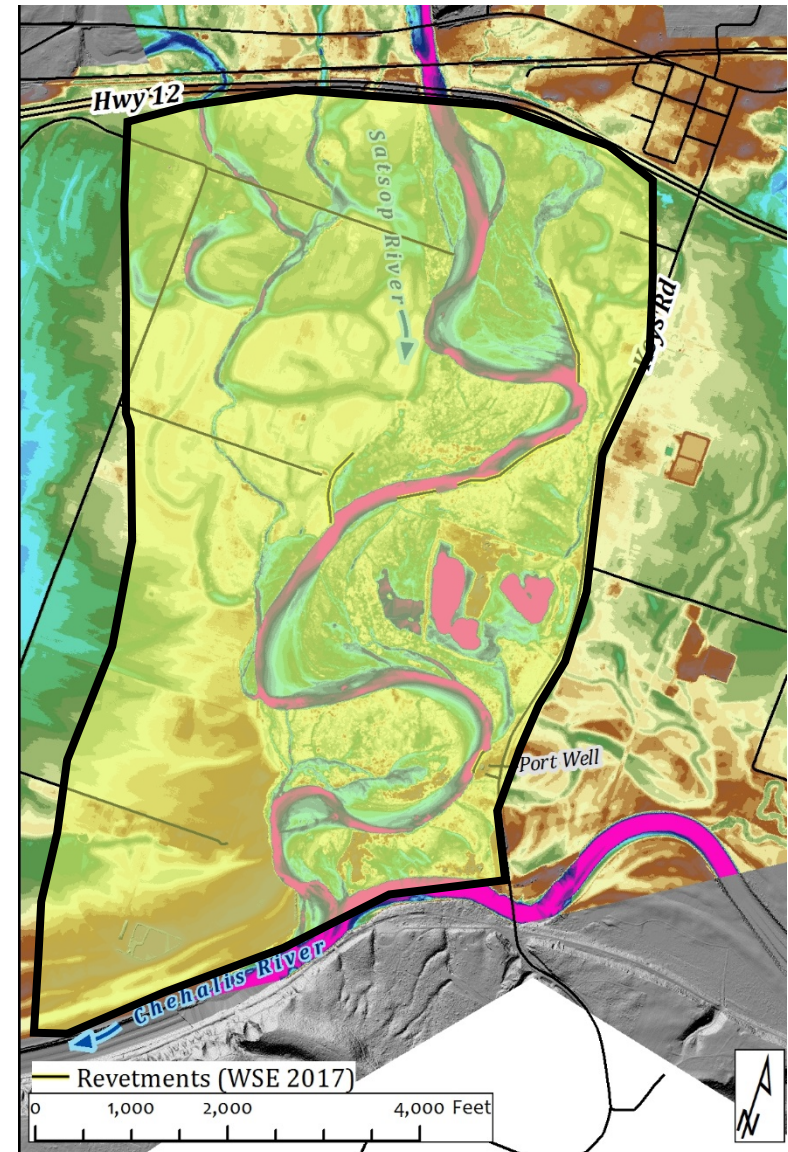
Photo January 6, 2021

2. Current Issue – Concern



2. Current Issue – Geomorphic Context

- Meander belt is moving west.
- Erosion hazard zone includes lands not occupied by the river in thousand years or more.



2. Current Issue – Soils Offer No Resistance



3. Request – Funding to Address Crisis Erosion

1. **Flood Authority** approved de-obligating \$425,000 in 2019-21 funds from two local projects (and re-obligating later with 2021-23 funds) for an emergency action to address current crisis erosion. See [here](#).
2. **Proposal** is for a new GHCD/RCO funding agreement (project 20-????) to provide additional capacity to design, permit, and construct an emergency action (6/2021 to 10/2021).
3. **Acting now** will: Buy time before Phase II construction (2022); Hold things in place for Phase II; and Prevent (hopefully) further erosion and flanking.

4. CBB decision – Per agenda:

- Re-allocate an initial \$100,000 of 2019-2021 local project funds for new emergency erosion management design and permitting work in vicinity of ongoing Lower Satsop Phase I/II projects.
- Conditionally re-allocate an additional \$325,000 of 2019-2021 local project funds for construction, if design and permitting allow.
- Increase 2021-2023 local projects funding by \$425,000 to replenish funding for projects from which the re-obligated (de-obligated) 2019-2021 funding will be taken.