



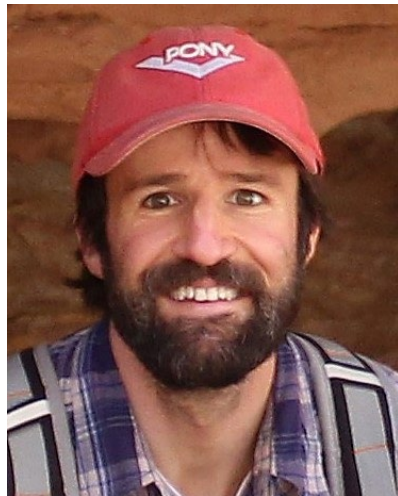
DEPARTMENT OF  
**ECOLOGY**  
State of Washington

# **BNSF Railway Skykomish 2022 Cleanup Update**

Skykomish Town Council Meeting

April 11, 2022

# Meet Your Ecology Presenters



**Tanner Bushnell**  
Site Manager



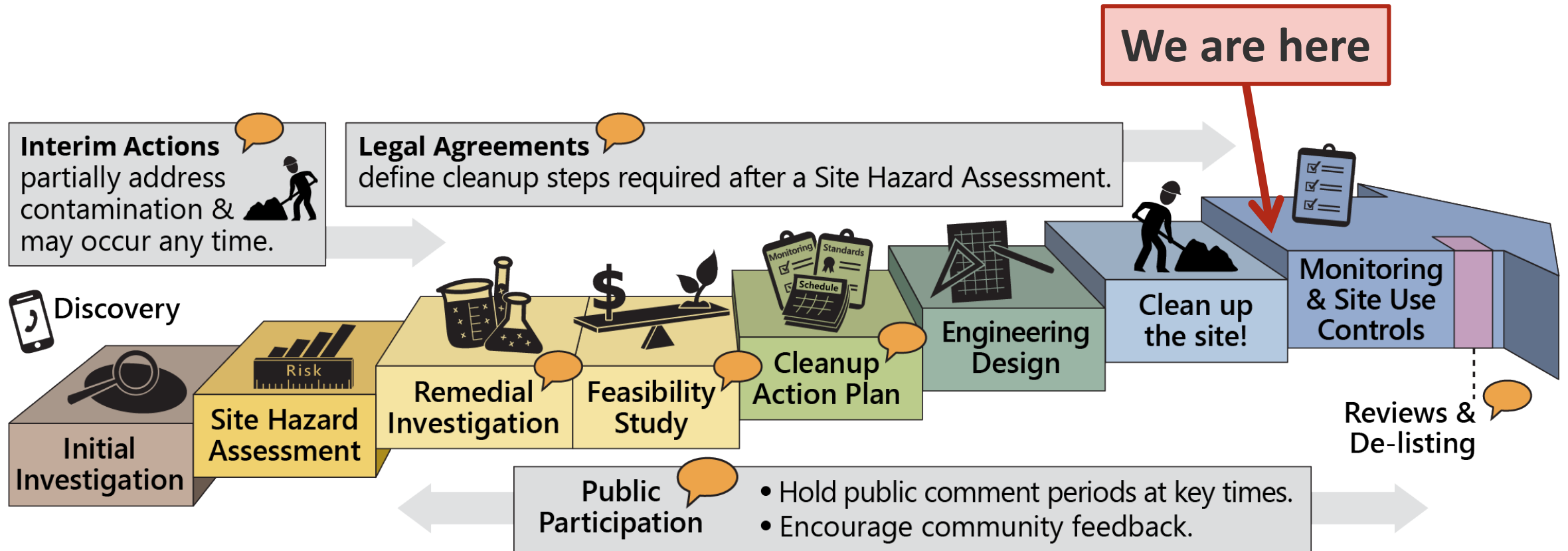
**Ian Fawley**  
Outreach Specialist

# 2022 Cleanup Update

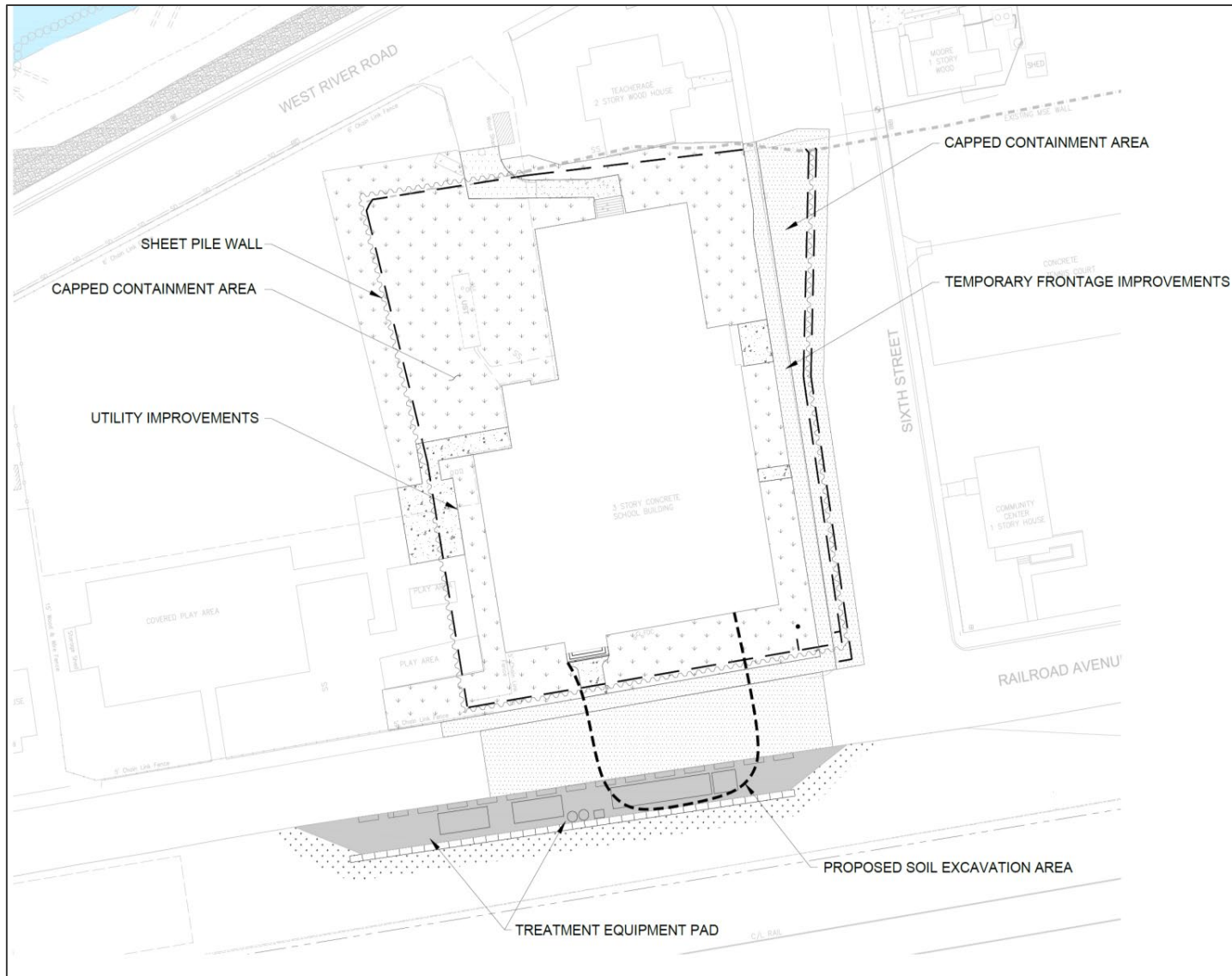


- Welcome and Introductions
- Cleanup Process & Current Status
- Cleanup Updates
  - Skykomish School
  - HCC (Hydraulic Control and Containment) System
  - Pilot Study
- Next steps
- Questions/Answers

# Washington's Formal Cleanup Process



# Skykomish School



Hot water flushing system well installation, 2015

# Hydraulic Control and Containment (HCC) System

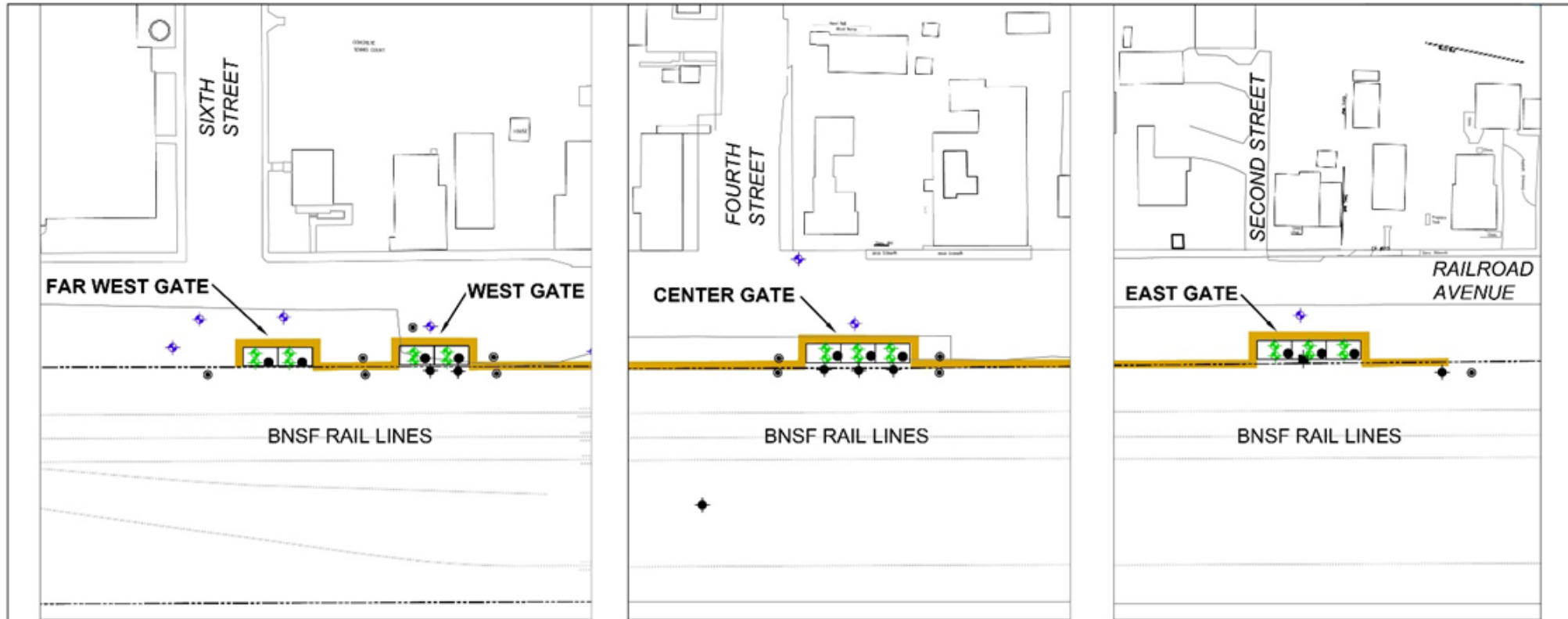


Installation of HCC treatment gate system, 2008



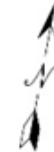
HCC System construction on Railroad Avenue, 2008

# Hydraulic Control and Containment (HCC) System



## LEGEND

- ◆ RECOVERY WELL
  - PIEZOMETER
  - ◆ TREATED-WATER REINJECTION WELL
  - BARRIER WALL GATE VAULT
  - ◆ MONITORING WELL
  - ◆ SENTRY WELL
- HYDRAULIC CONTROL AND CONTAINMENT (HCC) SYSTEM
  - - - BNSF RAILYARD BOUNDARY

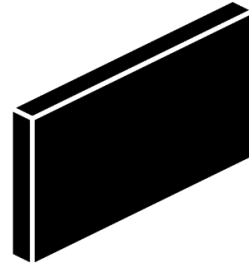


# Hydraulic Control and Containment (HCC) System



## “Active” features

- 9 extraction wells that pump groundwater to water treatment system



## “Passive” features

- Barrier wall
- 4 flow-through gates filled with carbon/pea gravel



## Pilot Study

- Ecology approved January 2019
- Extended from 12-months to 24-months to gather more data

**Pilot Study data available to date indicates passive operation of the barrier wall has met site cleanup standards.**



# Estimated Next Steps

\*Pending Ecology's decision on  
Pilot Studies & HCC System operations



## Spring 2022

- Analyze additional Pilot Study results
- Consider legal agreement amendment for more Pilot Studies and/or “passive” HCC System operation only

## \*Summer 2022?

- Comment Period on legal agreement amendment

## \*Later 2022?

- Finalize legal agreement amendment after public review and comment



# Thank you

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## Reminder:

A digital PDF of this presentation will be available on Ecology's webpage: [www.bit.ly/Ecology-BNSFSkykomish](http://www.bit.ly/Ecology-BNSFSkykomish)