Welcome to the Northport Waterfront Zoom Meeting

Please connect your audio and join.

No sound? We will do a sound check at 5:55 p.m.

Join

Connect Audio & Join

Tip **Try your computer audio *first*.**

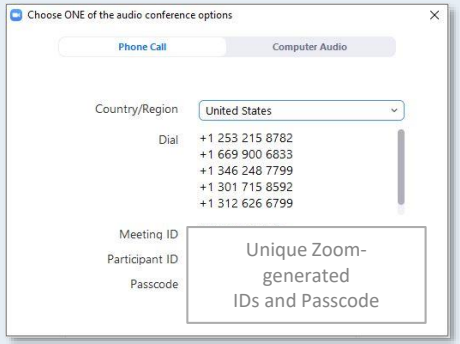
If you'd like, you can test your speaker and microphone *before* joining.

Audio

A **Best Option: Use computer for audio**

B If selecting "Phone Call"…

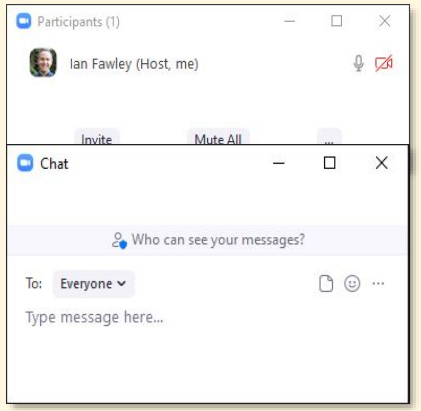
- Dial: **253-215-8782**
- Enter Zoom Meeting ID **881 7536 0585,** followed by "#"
- Enter the Passcode **480648**, followed by "#"



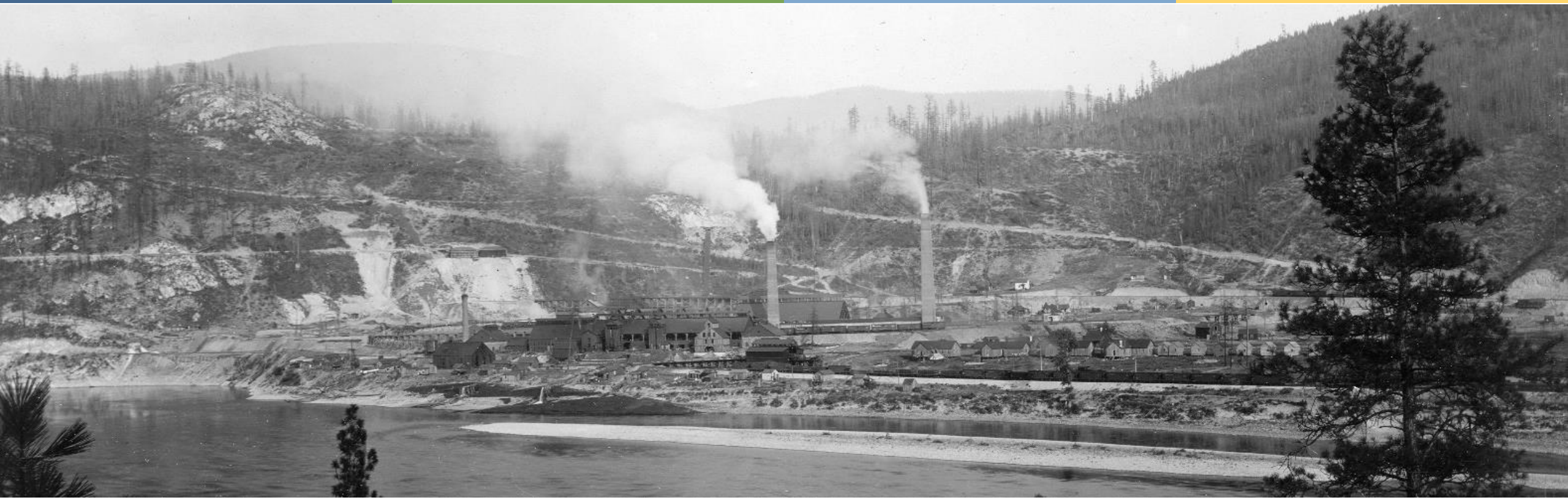
Participate

Chat

Question? Need help? Chat with us!



Turn on the Chat box from your toolbar.



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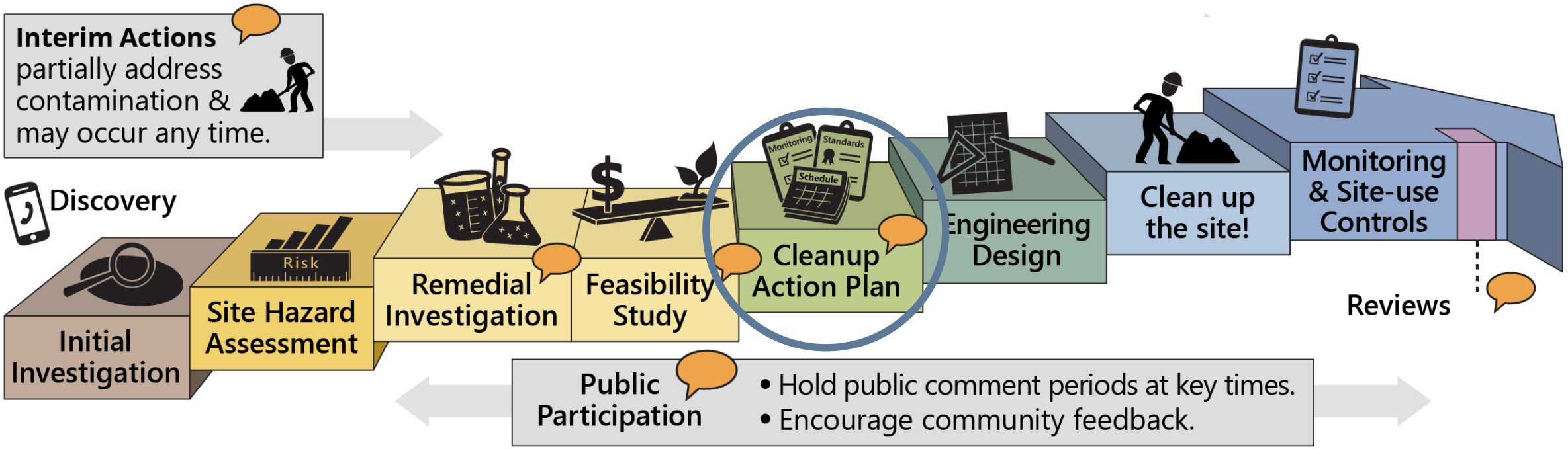
State of Washington

Northport Waterfront Cleanup: Cleanup Action Plan

Justin Rice, Erika Beresovoy, Kathy Falconer

May 17, 2022

Washington's cleanup process



Northport Waterfront Site, Stevens Co.

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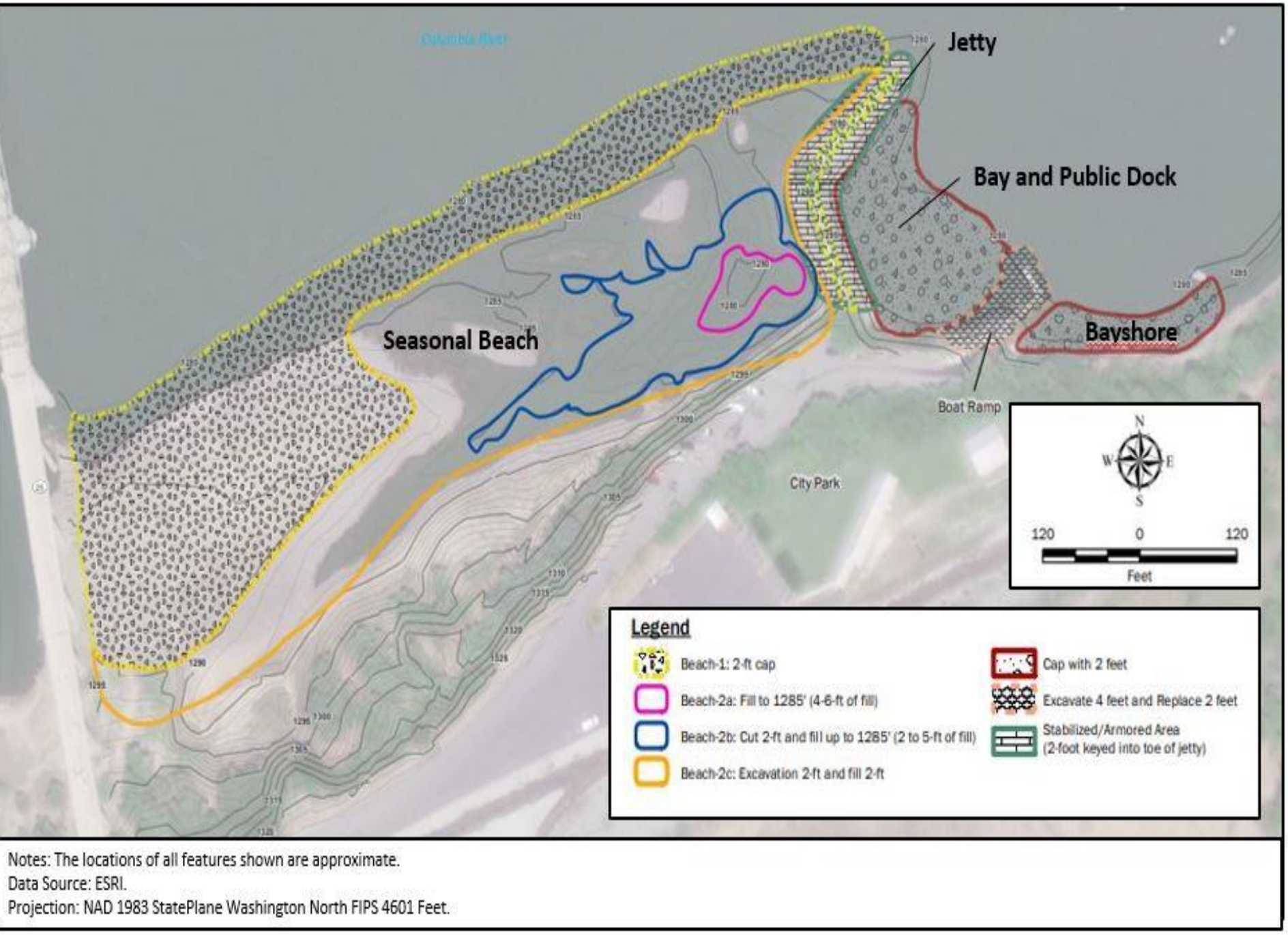
The Northport Waterfront is contaminated with smelter and smelter-slag wastes including:

- Arsenic
- Copper
- Lead
- Zinc



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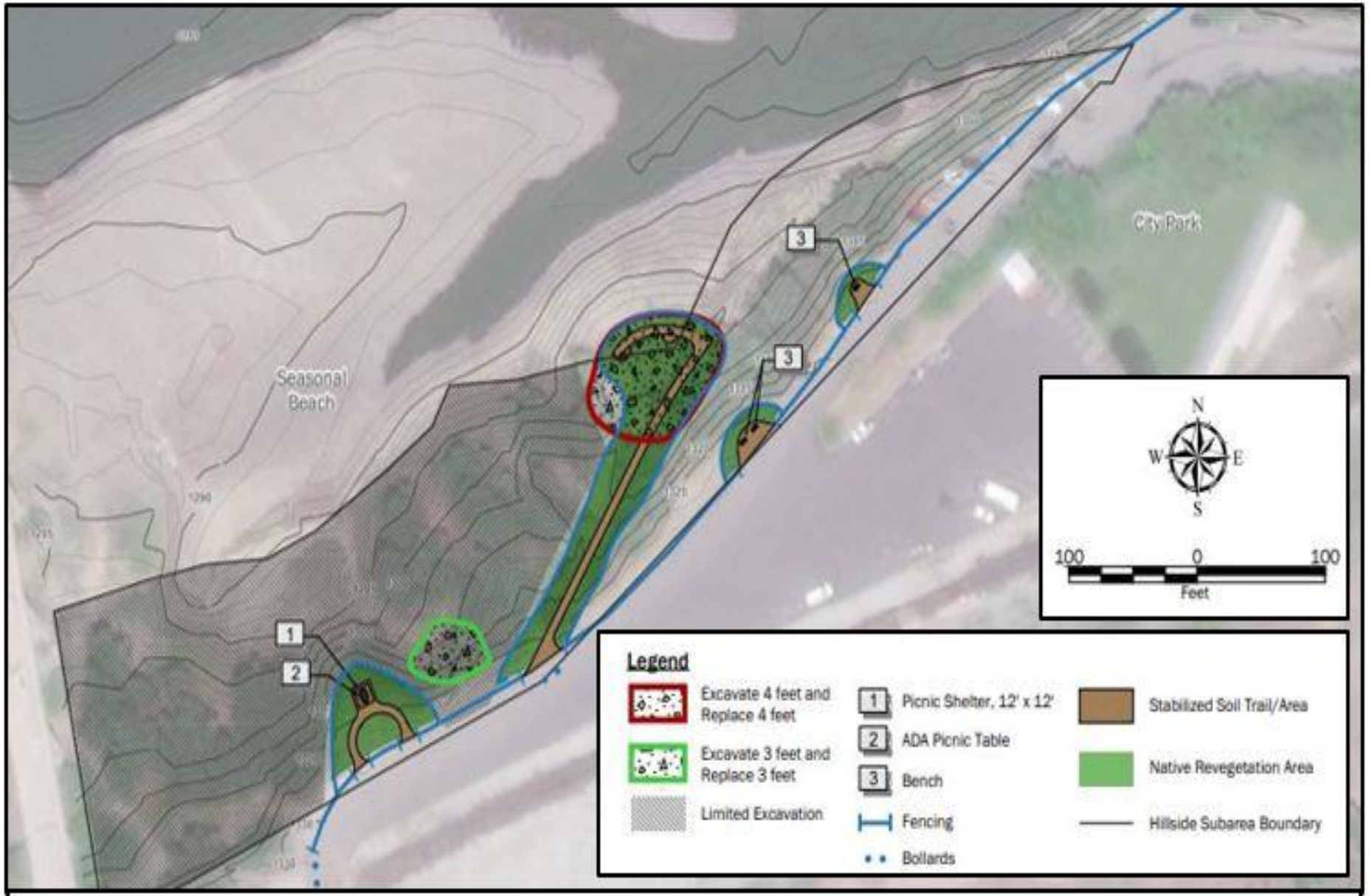
5 cleanup areas:

- Seasonal Beach
- Jetty
- Bay and Public Dock
- Bayshore
- And…



Notes: The locations of all features shown are approximate.
Data Source: ESRI.
Projection: NAD 1983 StatePlane Washington North FIPS 4601 Feet.

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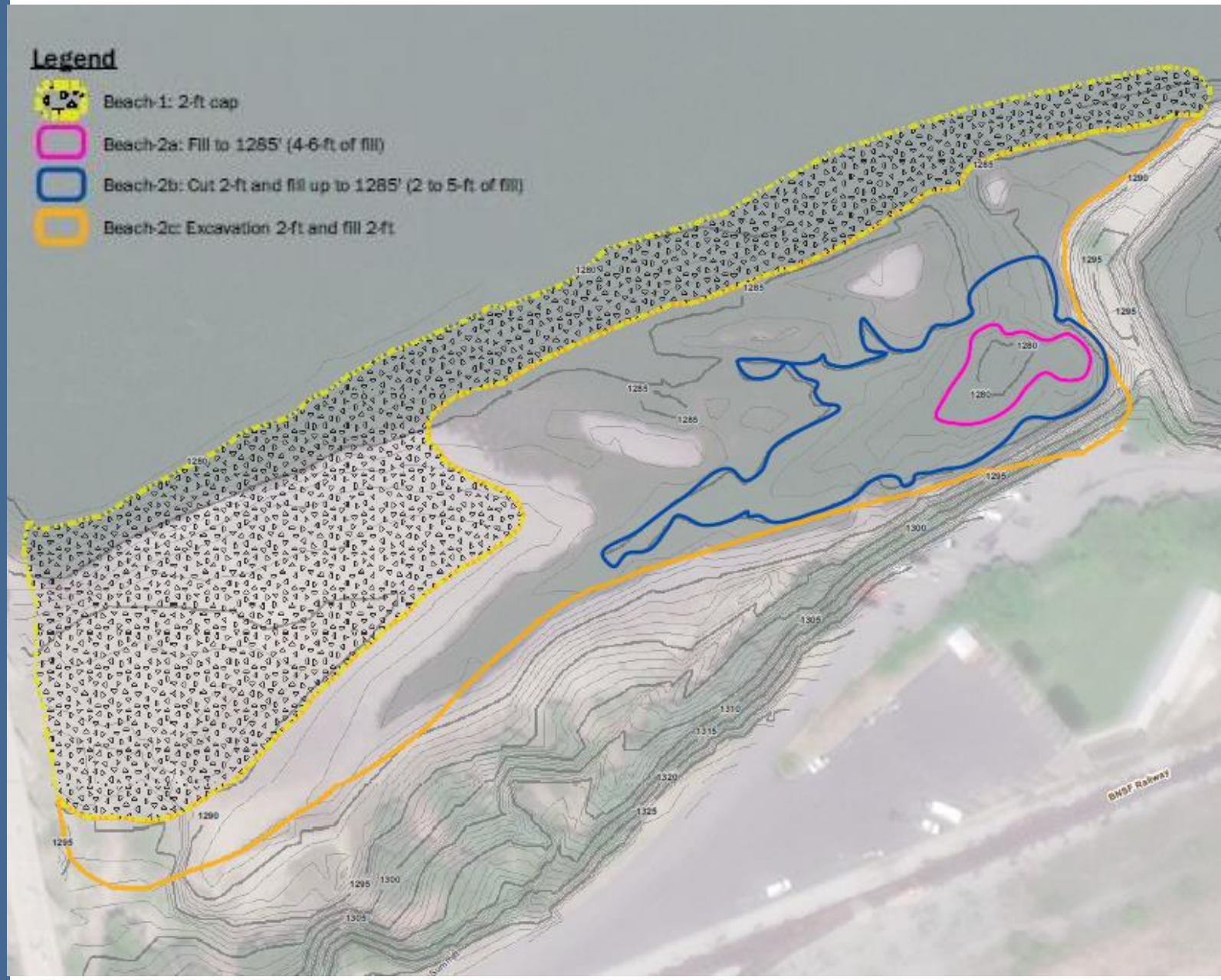
Hillside

Seasonal Beach cleanup action

1. Excavating contaminated material from select areas
2. Capping contaminated material
3. Re-grading portions of the area



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Jetty cleanup

- Excavate toe of existing jetty to key in 12-inch loose rip rap
- Armor sides with 12-inch loose rip rap 2 feet thick
- Cap existing jetty with mixture of 12-inch rounded rock and streambed-compatible material to resist erosion and provide pedestrian access

July 1, 2014

Bay and Public Dock cleanup

- Cap with 2 feet of streambed-compatible material
- Excavate 4 feet around public dock and replace with 2 feet new material, adding ~2.5 feet of water depth and improving boat access

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Bayshore cleanup

Cap existing surface with 2 feet of rounded rock and streambed-compatible material

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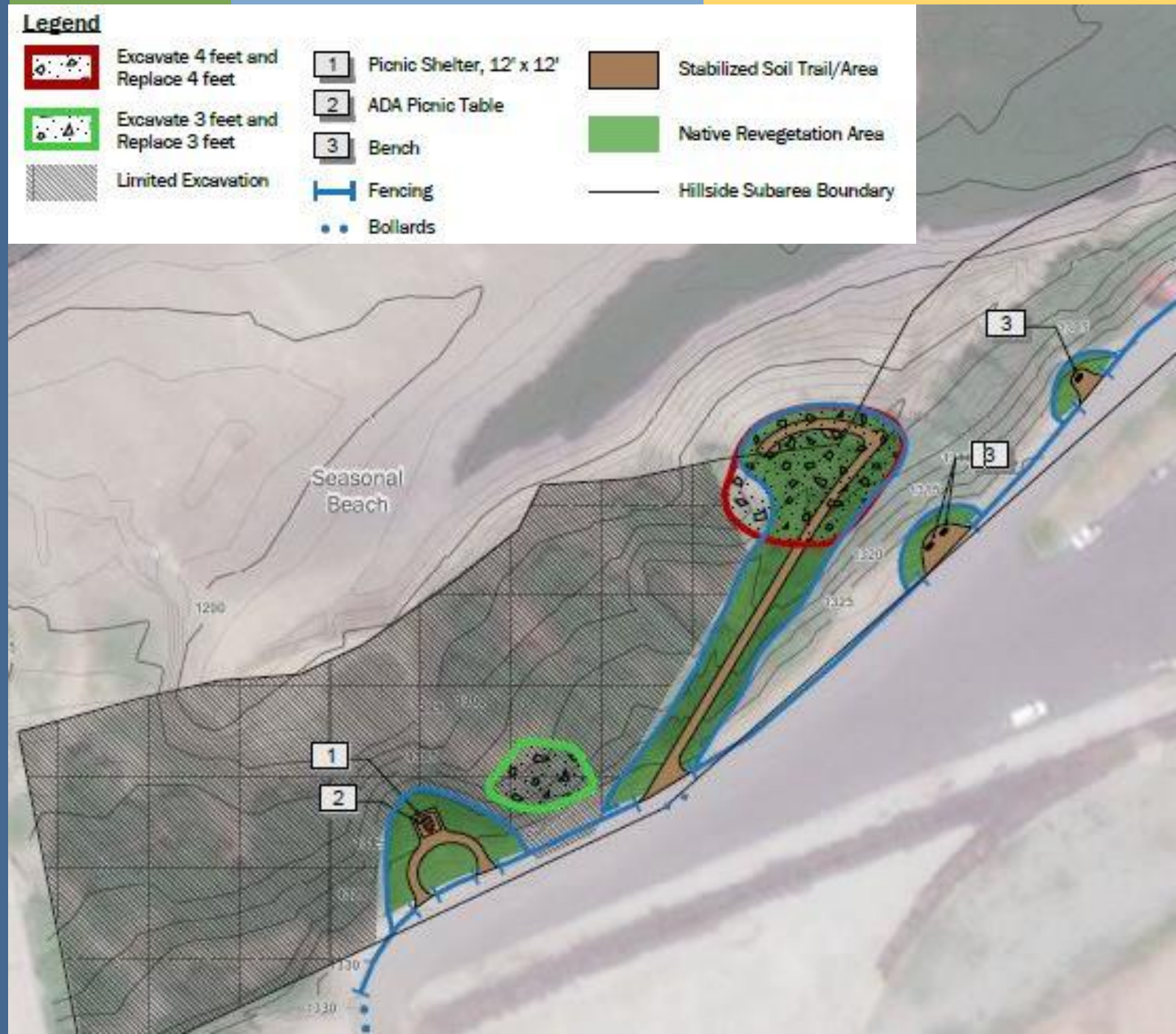
Hillside cleanup

- Excavate and replace 1 foot of contaminated soil along walking trail
- Remove contamination from two RI-identified exposure areas
- Remove contamination from additional areas that are accessible and won't disturb mature vegetation
- Add bench seating and picnic shelter areas along top of Hillside
- Install fencing and plants to manage access to undisturbed areas




September 9, 2015

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Hillside footpath

March 10, 2021

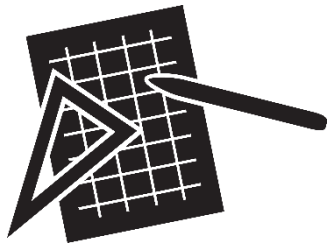
Cleanup timeline

2022

June: Final Cleanup Action Plan

June – March: Engineering design

2023



March: Develop public works contract

June & July: Accept public works contract bids

August: Review bids and award contract

September: Cleanup construction begins

2024

Total soil excavated/imported for all areas

	Excavate	Fill/Cap
	Volume in cubic yards	Volume in cubic yards
1. Seasonal Beach	10,715	22,819
2. Jetty	0	1,066
3. Bay and public dock	1,475	2,585
4. Bayshore	0	739
5. Hillside	1,331	1,331
Total	**13,521**	**28,540**

Estimated cleanup cost: $5,436,000

Notes: Unit costs based on Feasibility Study estimates.
Costs include a 20 percent contingency.

Questions?

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Submit comments by June 1, 2022

Online at:
https://tcp.ecology.commentinput.com/?id=3WKmj

Or by mail or email to:
Justin Rice
4601 N. Monroe St.
Spokane, WA 99205
justin.rice@ecy.wa.gov

Northport Waterfront Project Toxics Cleanup Program Contacts

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- 509-329-3581

Erika Beresovoy – Outreach Coordinator

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- 509-329-3546

Kathy Falconer – Section Manager

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- 509-329-3516

Site Cleanup Levels

Cleanup level development centers on metal contamination in soil and sediment. Arsenic, copper, lead, and zinc identified as indicator hazardous substances.

Chemical of Concern	Floating Percentile Model (Ecology 2019) (mg/kg)	MTCA Method B CUL (Non-Cancer) (mg/kg)	Simplified TEE CUL (mg/kg)
Arsenic	**12.9**	24	20
Copper	143	3,200	**100**
Lead	338	--	**220**
Zinc	3,200	24,000	**270**

Bold values selected for cleanup level.

CUL = cleanup level
mg/kg = milligrams per kilogram
TEE = terrestrial ecological evaluation

Site cleanup levels for sediment

Chemical of Concern	MTCA Method A (mg/kg)	MTCA Method B CUL (Non-Cancer) (mg/kg)	Simplified TEE CUL (mg/kg)
Arsenic	20	24	**20**
Copper	–	3,200	**100**
Lead	250	–	**220**
Zinc	–	24,000	**270**

Bold values selected for cleanup level.

CUL = cleanup level
mg/kg = milligrams per kilogram
TEE = terrestrial ecological evaluation

Site cleanup levels for soil

Cleanup requirements

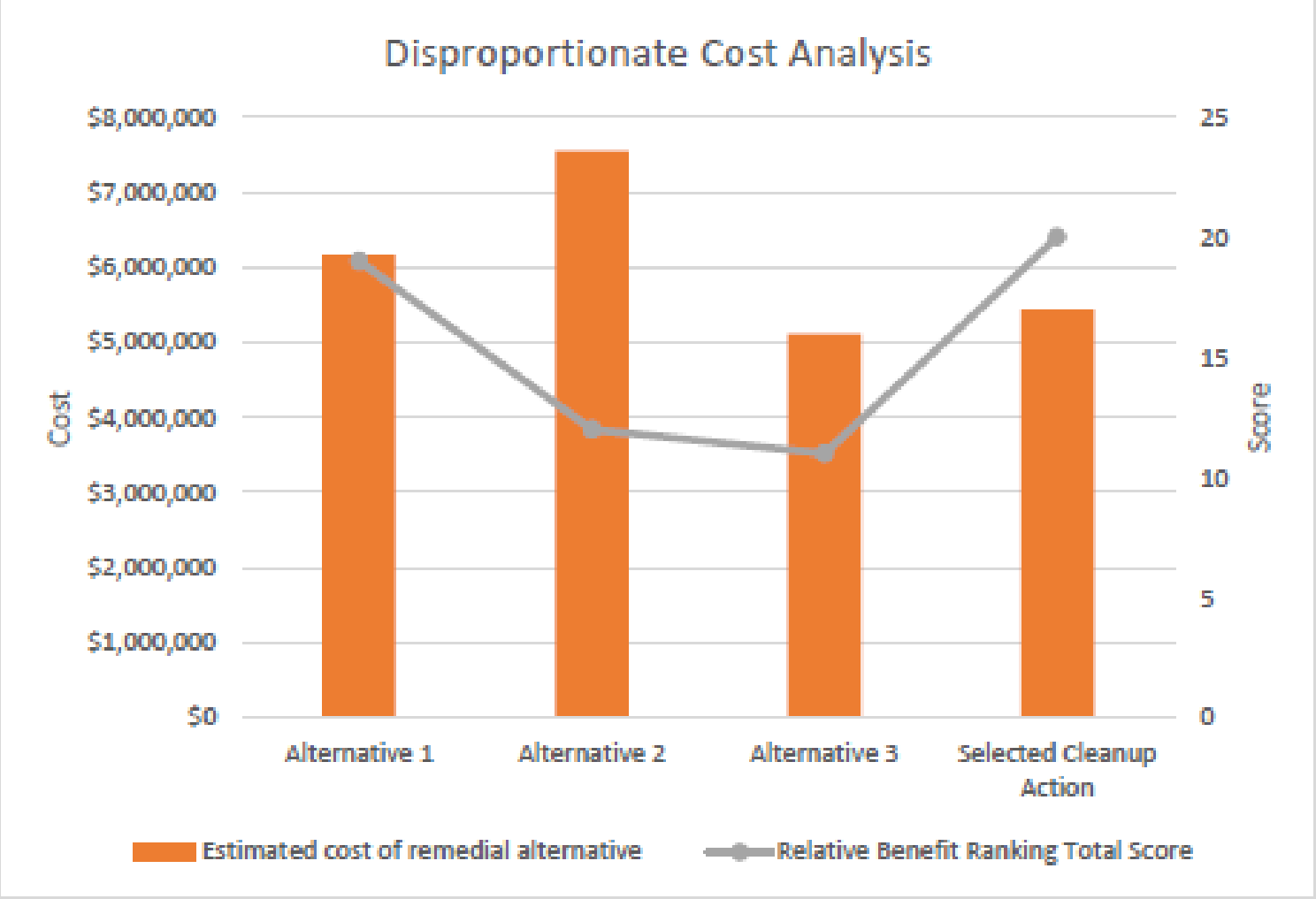
Threshold requirements:

1. Protect human health and the environment
2. Comply with cleanup standards
3. Comply with applicable state and federal laws
4. Provide for compliance monitoring

Other requirements:

1. Use permanent solutions to the maximum extent practicable
2. Provide for a reasonable restoration time frame
3. Consider public concerns

A.5. Summary of disproportionate cost analysis including selected cleanup action

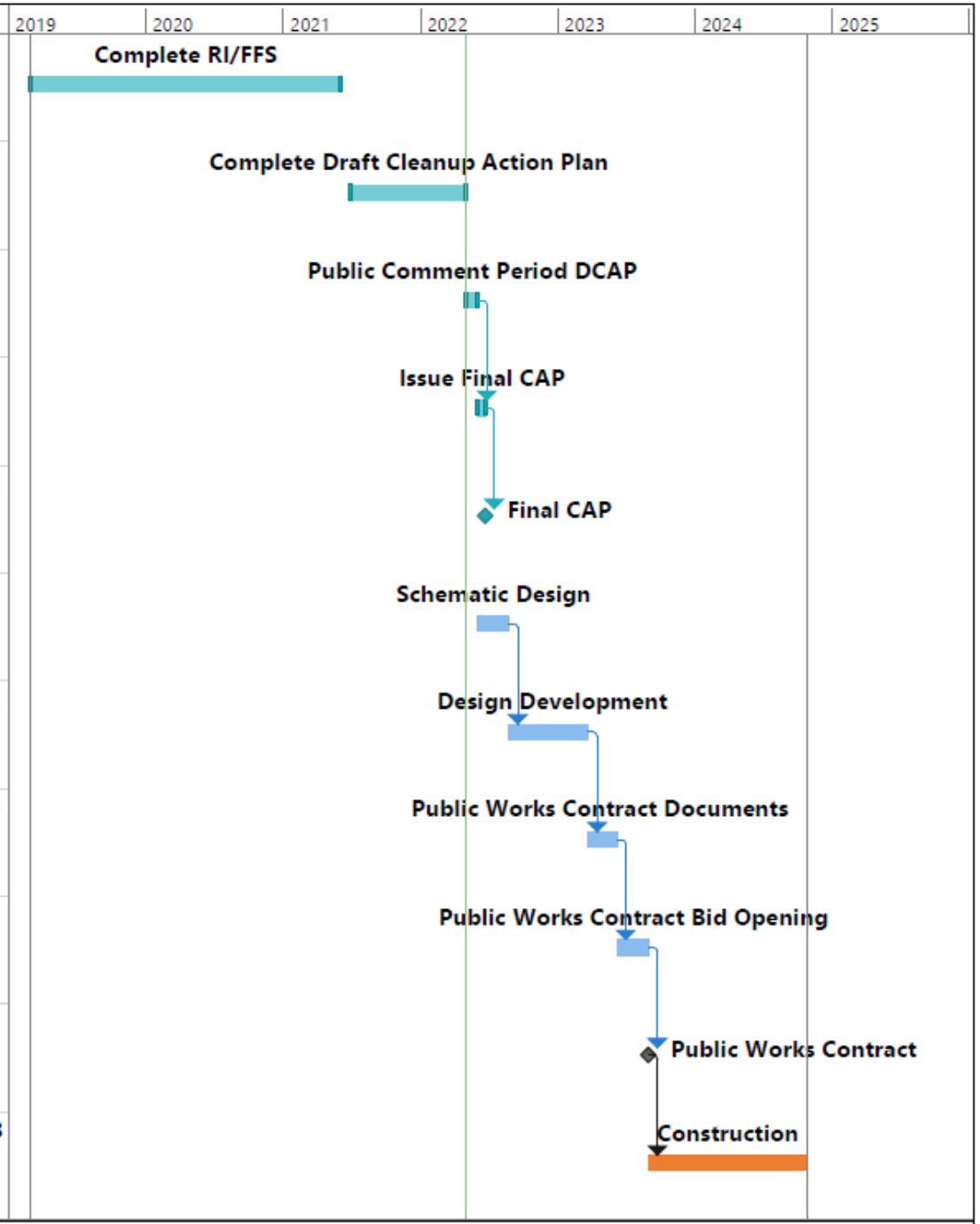


Cleanup action requirements

Disproportionate Cost Analysis (DCA) used to assess if cleanup action uses permanent solutions to the maximum extent practicable.

DCA considers **protectiveness, permanence, long-term effectiveness, short-term risk, implementability,** and **public concerns.**

Task	Task Name	Duration	Start
	Complete RI/FFS	588 days	Fri 3/1/19
	Complete Draft Cleanup Action Plan	218 days	Thu 7/1/21
	Public Comment Period DCAP	25 days	Sun 5/1/22
	Issue Final CAP	14 days	Fri 6/3/22
	Final CAP	0 days	Thu 6/23/22
	Schematic Design	60 days	Thu 6/2/22
	Design Development	150 days	Thu 8/25/22
	Public Works Contract Documents	55 days	Thu 3/23/23
	Public Works Contract Bid Opening	60 days	Thu 6/8/23
	Public Works Contract	0 days	Wed 8/30/23
	Construction	**300 days**	**Thu 8/31/23**



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Cleanup Action Proposed Schedule

The project may take more than a year, but near-shore work would not be happening continuously during that time. Work may need to be phased to target windows when water levels are lowest.