

Community Discussion Series: United Heckathorn Superfund Site Update

August 27, 2025 6:30 to 8:00 pm PT

Reminders

- Join audio if you have not already.
- Live Spanish language translation is available.
- You are automatically muted.
- You will be able to ask questions verbally and in writing.
- Slides will be shared after the meeting.

Welcome! The live event will start shortly

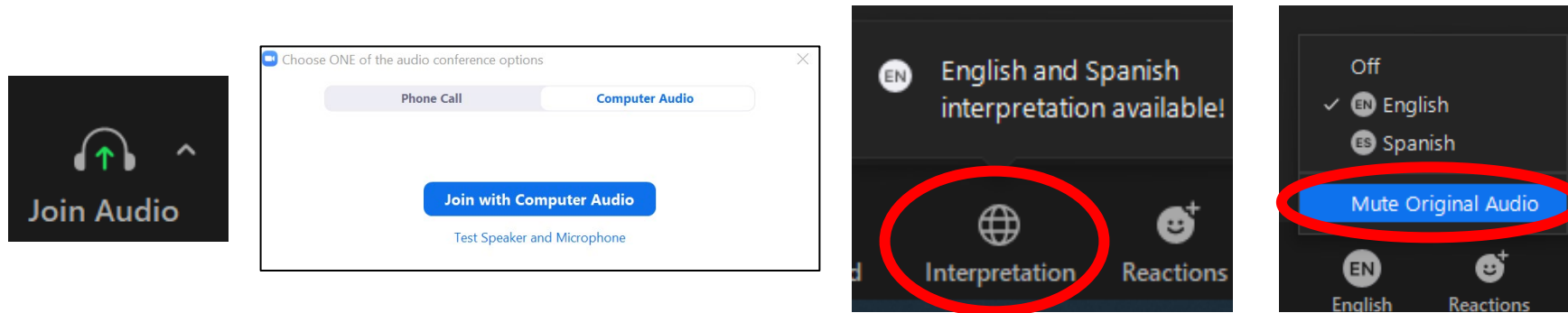
¡Bienvenido! El evento en vivo comenzará en breve.



Audio and Interpretation Instructions

Please use controls to connect to audio as desired.

Utilice los controles para conectarse al audio como desee.



You MUST select your preferred language under “Interpretation.”

Spanish listeners, it is recommended to “Mute Original Audio.”

Debe seleccionar su idioma preferido en "Interpretación". Se recomienda "Silenciar audio original".



Participation Instructions

Audio is available online with your device or by telephone.

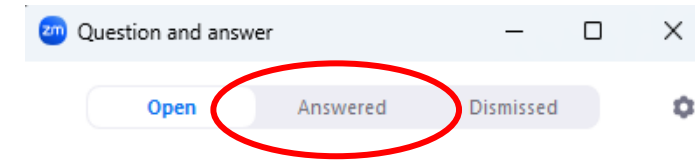
Optional dial in **669-254-5252** Meeting ID **160 803 2698**

Closed captioning/Live transcription is available.

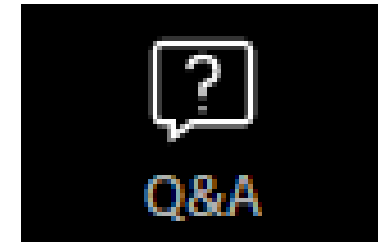


Questions or technical problems?

- Participants may enter questions in the Q&A box at any time.
- See answered questions in "Answered" tab.
- Questions in the *chat* may not be answered. Please put questions in the Q&A box.
- We will have a longer Q&A session where we will take raised hands after the presentation.

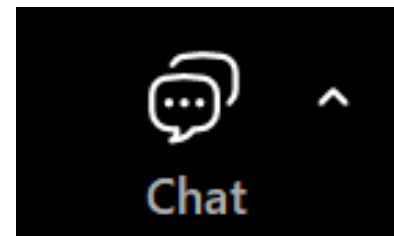
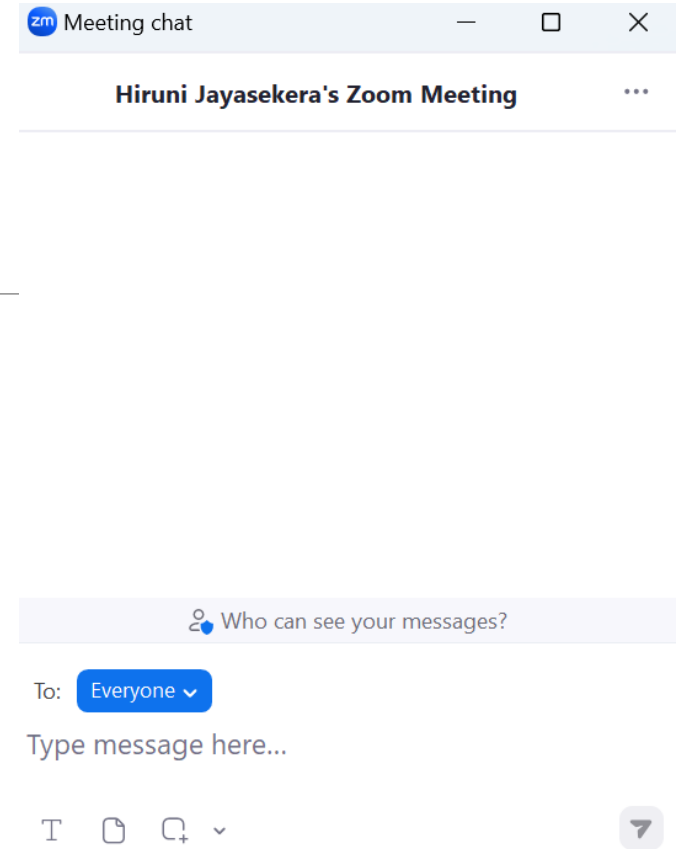


No open questions
Everyone in this meeting can see open questions



Chat function

- Questions in the *chat* may not be answered. Please put questions in the Q&A box.
- The chat function is available during the meeting for community discussion and resource sharing.



Meet EPA

Karen Jurist: Project Manager

Grace Beery: Project Manager

Hiruni Jayasekera: Community Involvement Coordinator

Omer Shalev: Superfund Section Supervisor

David Yogi: Superfund Community Involvement Supervisor



In the chat:

Please introduce yourself!



Community facilitation support:
Makayla Marquez and Cheryl Patel, San Francisco Baykeeper



EPA's goals for community discussion meetings

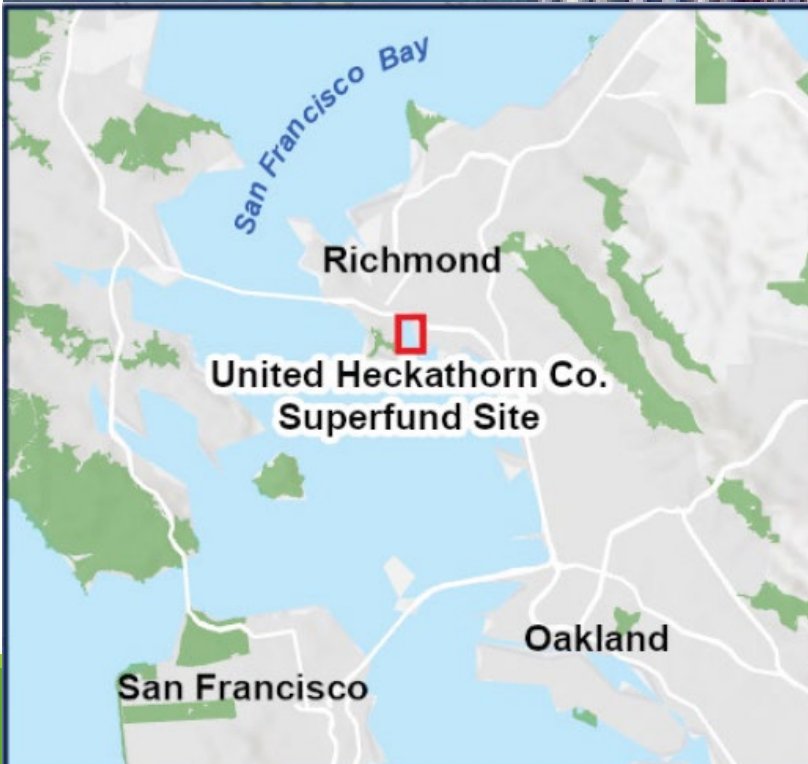


COMMUNITY DISCUSSION SERIES #5: UNITED HECKATHORN
SUPERFUND SITE

AUGUST 27, 2025

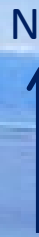
The Superfund Process





Lauritzen Channel

United Heckathorn Site



Santa Fe Channel

Richmond Inner Harbor Channel





Photo: SF Baykeeper

What is Superfund?

- "Superfund" is the nickname for the 1980 Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Allows EPA to clean up hazardous waste sites
- Forces those responsible for the contamination to either perform cleanups or reimburse EPA for cleaning up sites



Love Canal, Niagara Falls, NY 1977

Goals of Superfund



Protect human health and the environment by cleaning up polluted sites.



Hold responsible parties accountable to pay for cleanup.



Provide opportunity for community involvement.

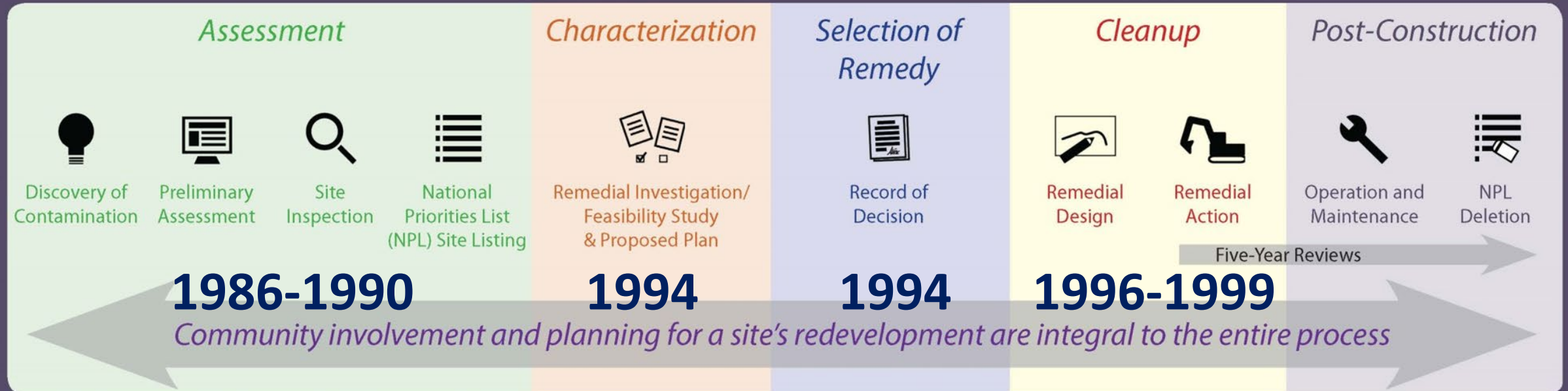


Return Superfund sites to productive use.



United Heckathorn Superfund Process Overview

THE SUPERFUND REMEDIAL PROCESS



Superfund Process Overview – New Cleanup Proposal

THE SUPERFUND REMEDIAL PROCESS

United Heckathorn is here



How is the community involved in the Superfund process?



EPA has public comment periods when:



We propose a contaminated site to the Superfund Program



We share a Proposed Plan (upcoming!)



We reach a settlement (Consent Decree) with a Responsible Party on how they will carry out the cleanup



When a site's cleanup is complete and we propose to remove it from the Superfund program

Further engagement:

Sharing updates and information about the site with local officials and community

Community interviews for a community involvement plan (now on our website!)

Five-Year Review interviews

Technical assistance needs assessments for communities



1986-1990

Site Assessment

- United Heckathorn was historically a pesticide processing facilities from 1940s-1960s
 - Contaminants of concern are **DDT** and **dieldrin**
- The state referred the site to the federal EPA in 1990
- The Preliminary Assessment/Site Inspection (testing the site for contamination levels) identified the site as a priority to be considered for the Superfund program.




Discovery of
Contamination


Preliminary
Assessment

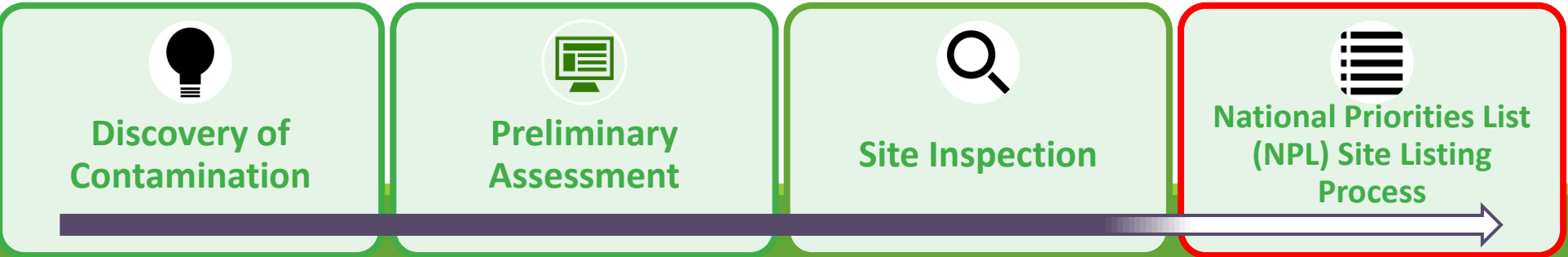

Site Inspection


National Priorities List
(NPL) Site Listing
Process



1990

National Priorities List (NPL)

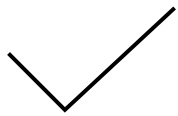


1990

National Priorities Listing of United Heckathorn



EPA proposed United Heckathorn to the National Priorities List in 1989 and took public comment



United Heckathorn was officially listed to the National Priorities List as a Superfund site in 1990



Discovery of Contamination



Preliminary Assessment



Site Inspection

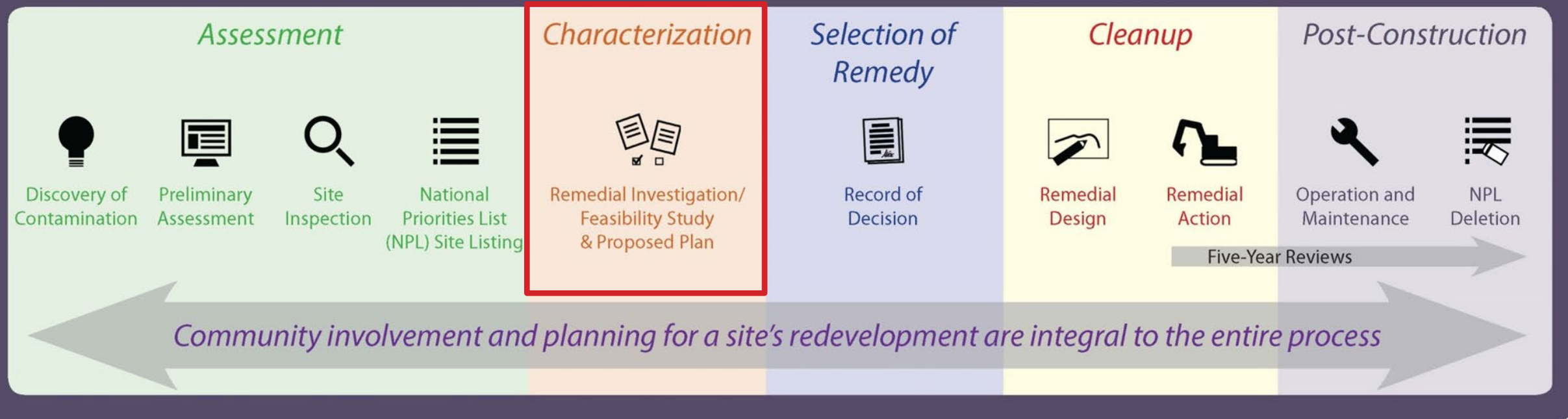


National Priorities List (NPL) Site Listing Process



Remedial Investigation, Feasibility Study, & Proposed Plan

THE SUPERFUND REMEDIAL PROCESS



Remedial Investigation



Feasibility Study



Proposed Plan



1994

Site Characterization

- The **Remedial Investigation** determines the how much and how far contamination goes at the site - “What do we have here?”
- The **Feasibility Study** analyzes cleanup technologies that are appropriate for the contamination – “How can we clean this up?”
- The **Proposed Plan** identifies EPA recommended cleanup strategy for the site



Remedial Investigation



Feasibility Study



Proposed Plan



1994

Proposed Plan - "Recommended Cleanup Plan"

- The first cleanup had a Proposed Cleanup Plan released in 1994
 - 1994 cleanup plan recommended dredging, capping of marine sediments, capping the former Heckathorn facility, deed restriction

We are now preparing for new Proposed Plan at the site in 2025-2026 (more on this later)



Remedial Investigation



Feasibility Study



Proposed Plan



Your involvement in the Proposed Plan



Presentations, discussions, briefings with community and local agencies



Formal public meeting



Open House to talk with EPA



Public Comment period of at least 60 days



Superfund Remedy Evaluation Criteria

The nine criteria are part of the National Contingency Plan (40CFR300.430(e)(9))

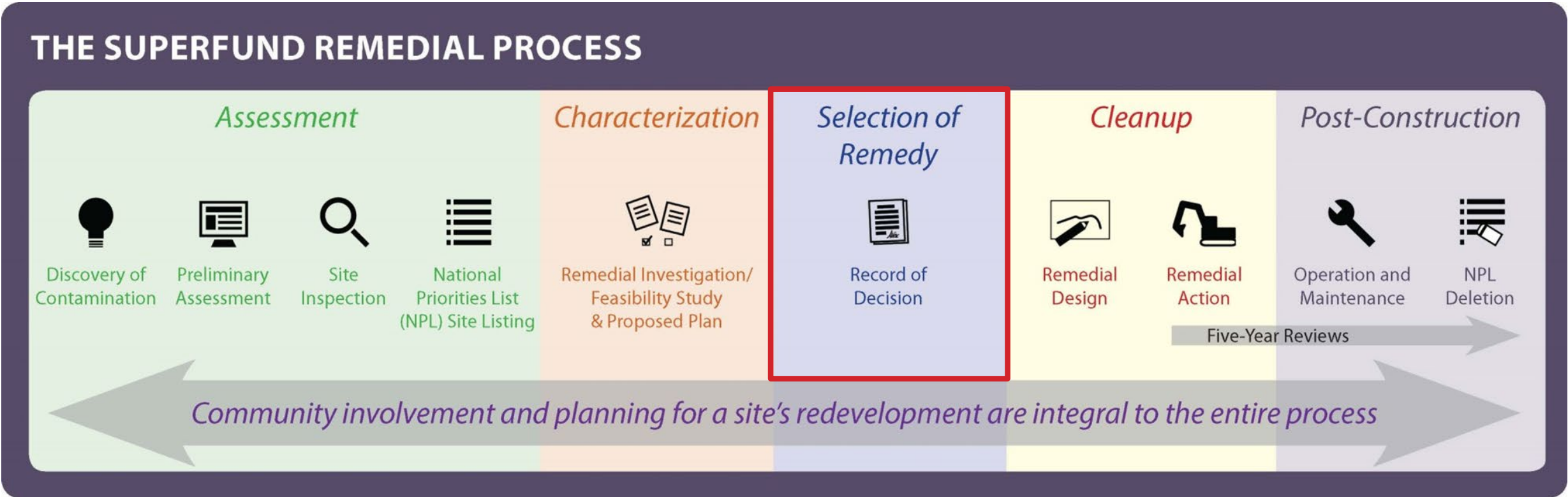
1	Overall Protection of Human Health and the Environment How the risks are eliminated, reduced, or controlled through treatment, engineering, or institutional control	
2	Compliance with Federal and State Applicable or Relevant and Appropriate Requirements Federal and state environmental statutes met or grounds for waiver provided	
3	Long-Term Effectiveness Maintain reliable protection of human health and the environment over time, once cleanup goals are met	
4	Reduction of Toxicity, Mobility, and Volume through Treatment Ability of remedy to reduce the toxicity, mobility, and volume of the hazardous contaminants present at the site	

5	Short-Term Effectiveness Protection of human health and the environment during construction and implementation period	
6	Implementability Technical and administrative feasibility of a remedy, including the availability of materials and services needed to carry it out	
7	Cost Estimated capital, operation, and maintenance costs of each alternative	
8	State Acceptance State concurs with, opposes, or has no comment on the preferred alternative	
9	Community Acceptance Community concerns addressed; community preferences considered	

In the Record of Decision, we evaluate:



Selection of Remedy



1994

Record of Decision - "Official Cleanup Plan"

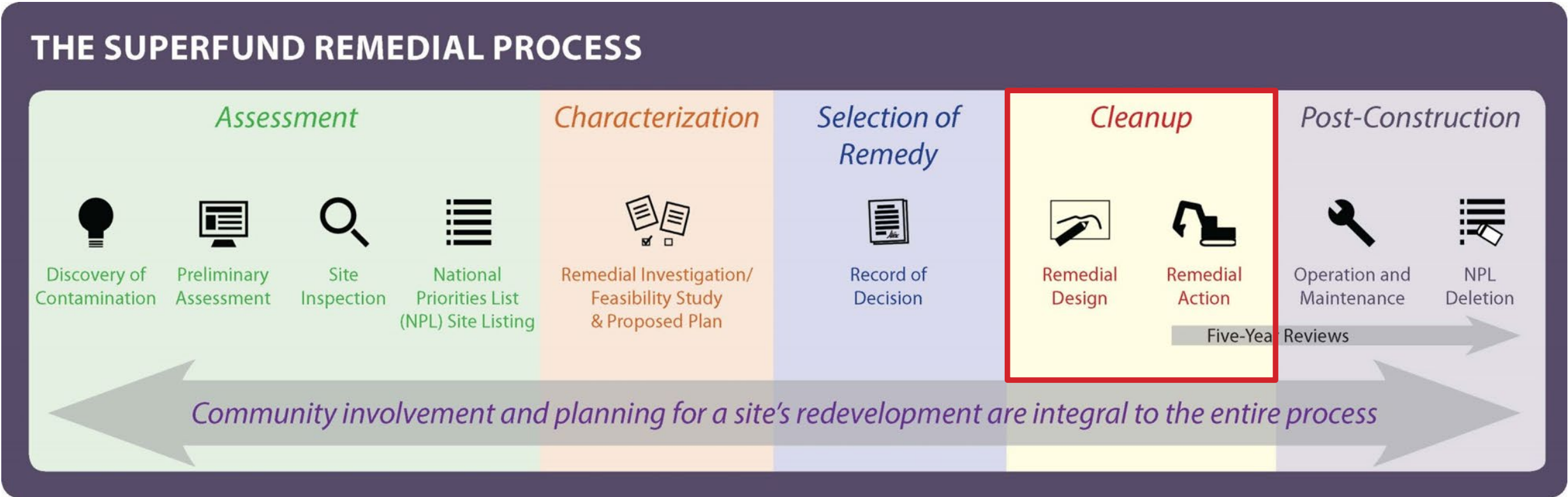
Upland Soil Area (Operable Unit 1)	Marine Area (Operable Unit 2)
Construction of a cap around the former Heckathorn facility to prevent erosion	Dredging of all soft bay mud from the Lauritzen Channel and Parr Canal
Deed restriction limiting use of property to non-residential uses	Offsite disposal of dredged material
	Placement of clean material after dredging
	Marine monitoring to verify the effectiveness of the remedy.



Record of Decision



Cleanup happens



Remedial Design



Remedial Action



Construction Completion



1995-1996

Remedial Design and Remedial Action – Planning and Constructing the Cleanup

- Cleanup is designed, legal agreements are made, and cleanup actually happens.
- EPA stays engaged with the community because this is when there may be more disturbance – traffic, noise, etc.



Remedial Design



Remedial Action



Construction Completion



1996-1999

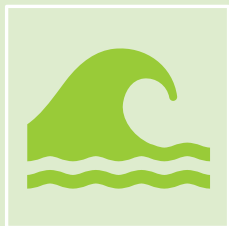
Cleanup occurs



Upland Area:

Excavated and disposed contaminated soils offsite.

Capped former United Heckathorn plant site with concrete and asphalt.



Marine Area:

Sediments from Lauritzen Channel and Parr Canal dredged and transported offsite for disposal.



2025-2026

Site Characterization 2.0

The 2001 Five Year Review found that DDT and dieldrin in the Lauritzen Channel were no longer meeting cleanup goals

Since then, the site is being recharacterized to develop a new cleanup strategy

In the Winter of 2025-2026 EPA expects to release a new Proposed Plan recommending a new cleanup strategy for the Lauritzen Channel



Remedial Investigation



Feasibility Study

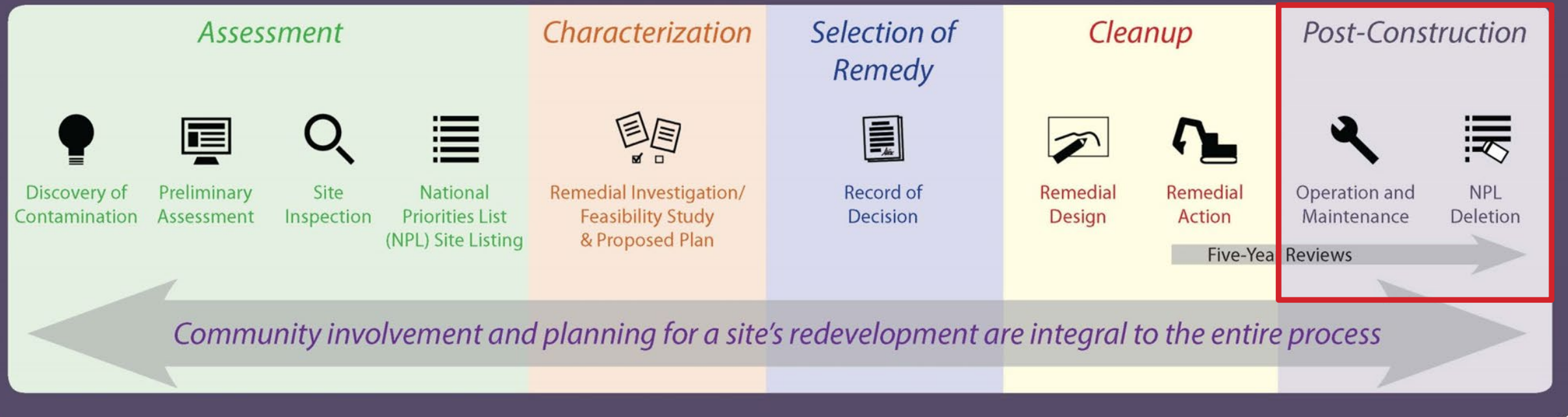


Proposed Plan



Post-Construction

THE SUPERFUND REMEDIAL PROCESS



Post-Construction Completion



NPL Deletion



Post-Construction Completion

- Operation and Maintenance of the cleanup
- Make sure that cleanup technologies are effective long-term
- Conduct **Five Year Reviews**
 - Community interviews – EPA will reach out



Post-Construction Completion



NPL Deletion



National Priorities List (NPL) Deletion – the last step

When cleanup is complete at a site, EPA will “delete” a site from the National Priorities List. This means that it is removed from the Superfund program. Some sites never reach this stage.



EPA seeks public comment from you before the site is deleted from the NPL.



Post-Construction Completion



NPL Deletion



5 minute break before
Q&A

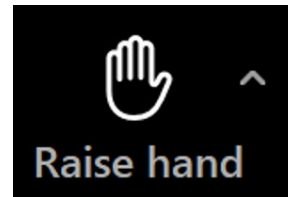
Questions and Discussion



Participants may enter questions in the Q&A box at any time.



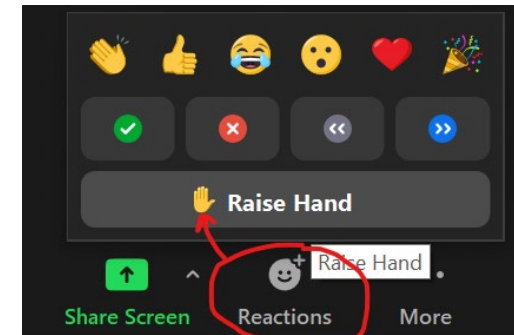
Participants may raise hands via Zoom to ask questions verbally.



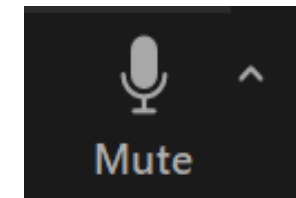
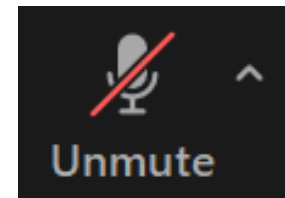
Speak slowly and clearly to assist with interpretation.



Questions will be read out loud to speakers.



Press *9 on telephone keypad



Press *6 on telephone keypad



Upcoming meeting

Wednesday, September 24: Long Term Effectiveness
of Cleanup Plans

All meetings will be on zoom and start at 6:30pm



Contact us

Karen Jurist – Site Project Manager

Jurist.karen@epa.gov

415-972-3219

Grace Beery – Site Project Manager

Beery.grace@epa.gov

415-972-3207

Hiruni Jayasekera – Community Involvement Coordinator

Jayasekera.hiruni@epa.gov

415-947-4307

