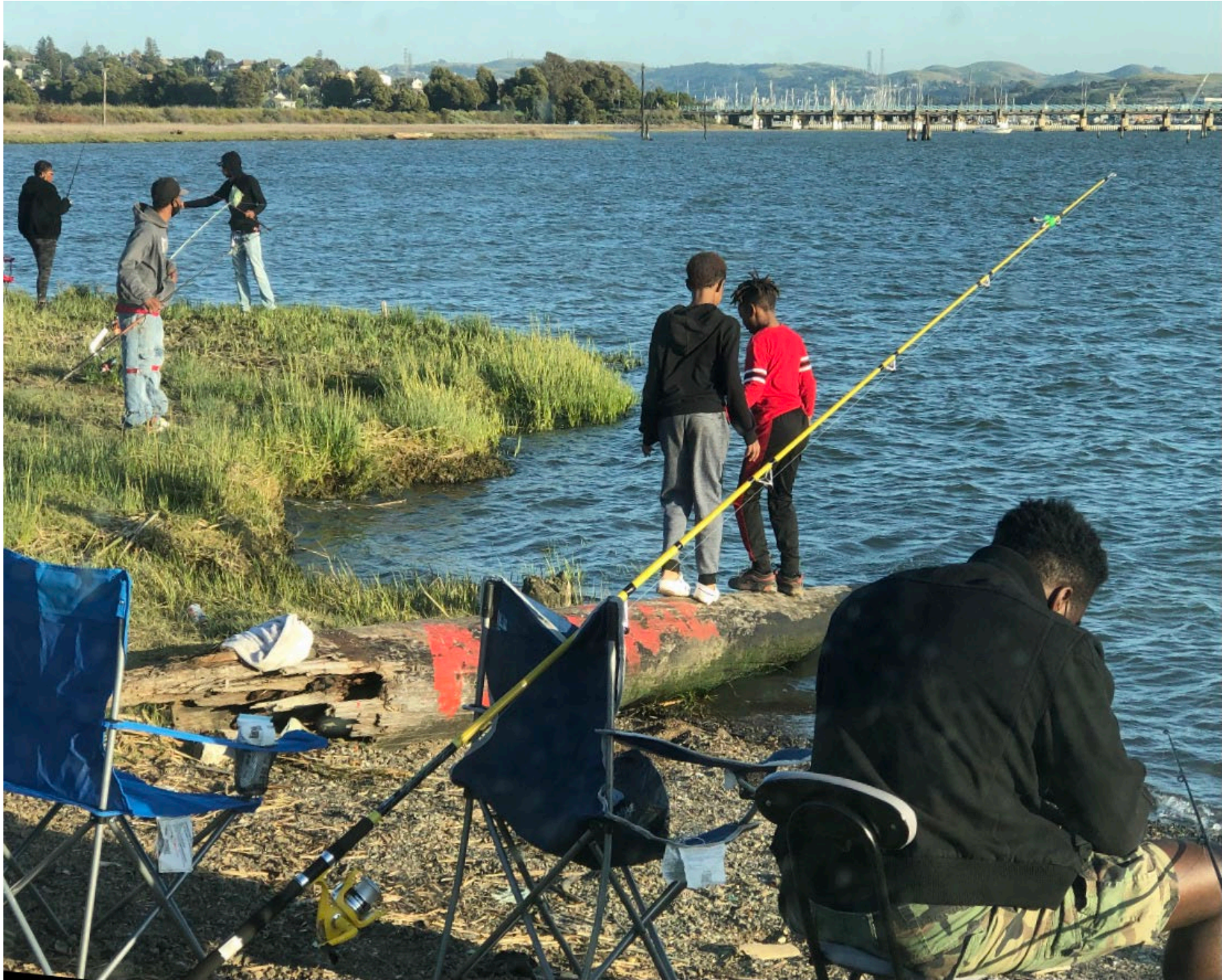
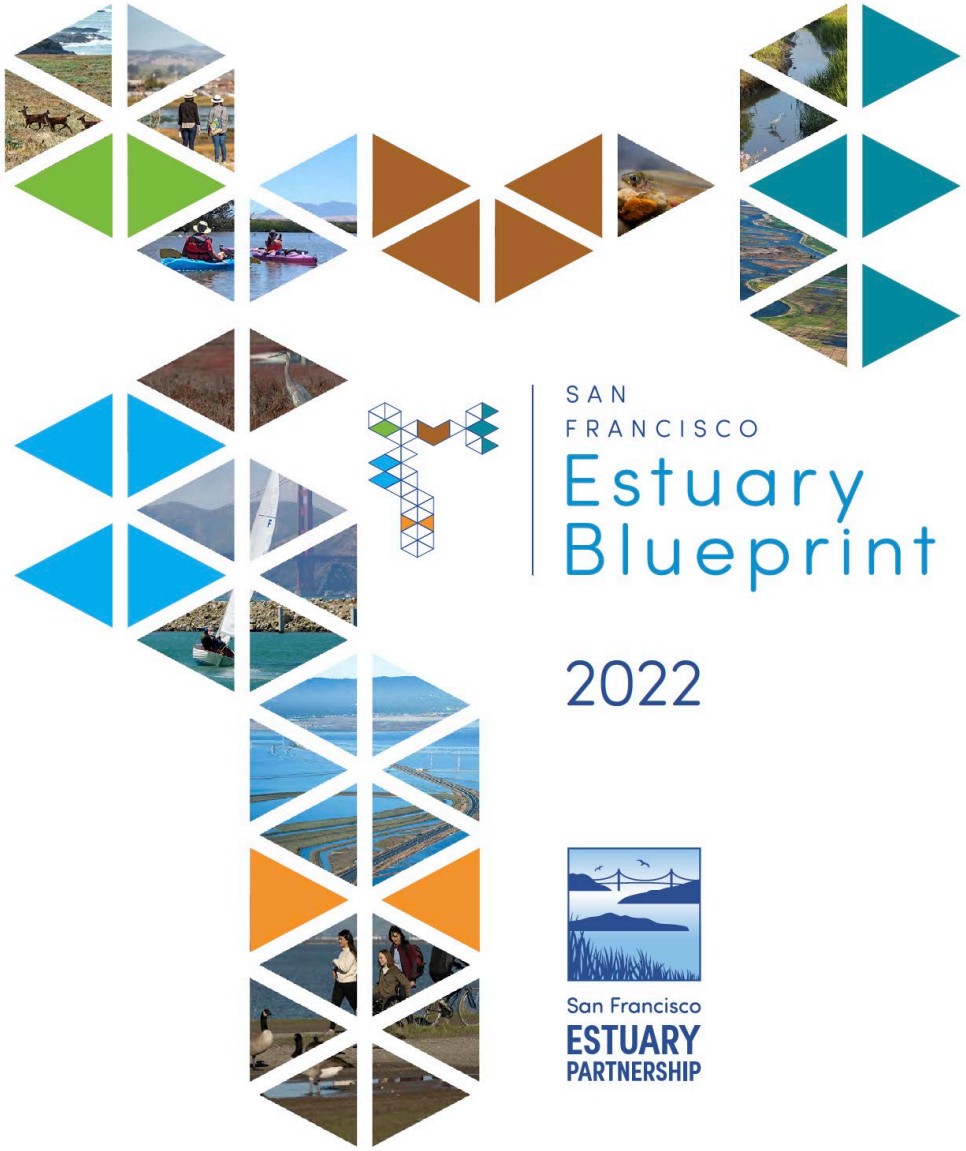
The Carquinez Strait Fish and Preservation Project: Fishing Culture, Practices, and Risks

State of Our Estuary Conference
2025





SAN FRANCISCO Estuary Blueprint

2022

San Francisco ESTUARY PARTNERSHIP

ACTION
22
HEALTH RISKS OF CONTAMINANTS

Reduce human health risks due to legacy contaminants and contaminants in fish.

Addresses legacy contaminants and contaminants in fish and health risks related to fish consumption, and cultural and traditional uses. Support underserved and disadvantaged communities and Tribes' efforts to collect toxic site and fish consumption data and to implement projects to mitigate health impacts.

GOALS

TASK 22-1

Collaborate with Tribes and subsistence fishing communities to acknowledge the importance of Tribal cultural and traditional uses of water as well as subsistence fishing, and designate Tribal Tradition and Culture, Tribal Subsistence Fishing, and Subsistence Fishing Beneficial uses of water bodies in the San Francisco Bay Region.

MILESTONE

San Francisco Bay Regional Water Quality Control Board's Basin Plan amended to designate additional Beneficial uses.

COST ESTIMATE – $$

TASK 22-2

Partner with community-based organizations to collect information on subsistence fishing in the Estuary, focusing on disadvantaged and underserved communities, to develop an understanding of health risks and how stakeholder values, and cultural, recreational, natural resource, and agricultural uses vary geographically and across demographics.

MILESTONE

Funding secured for community-based organizations to collect data on subsistence fishing practices and consumption in at least two communities in the San Francisco Estuary.

COST ESTIMATE – $$

TASK 22-3

Conduct thorough fish monitoring in the locations where communities with high rates of consumption collect fish from the Bay. Analyze the species they consume and the pollutants that they are concerned about. Coordinate this monitoring with the consumption survey work of Task 22-2 in partnership with community-based organizations.

MILESTONE

Fish contamination in priority locations identified and monitored in at least two communities in the San Francisco Estuary.

COST ESTIMATE – $$$

TASK 22-4

Develop Advisory Tissue Levels for one or more chemicals found in San Francisco Estuary fish, such as PFAS (per- and polyfluoralkyl substances) chemicals.

MILESTONE

Advisory Tissue Levels developed for one or more chemicals and, as appropriate, fish advisories for specific water bodies (e.g., the Delta or San Francisco Bay) within the San Francisco Bay Estuary system.

COST ESTIMATE – $$

TASK 22-5

Work with regulators and frontline, underserved, or disadvantaged communities to collect information on community-identified and -prioritized potential toxic water quality sites not listed on regulatory lists for cleanup.

MILESTONE

Develop community-based toxic sites maps under the guidance of at least three frontline, underserved, and/or disadvantaged communities around the Estuary in partnership with regulatory agencies.

COST ESTIMATE – $$

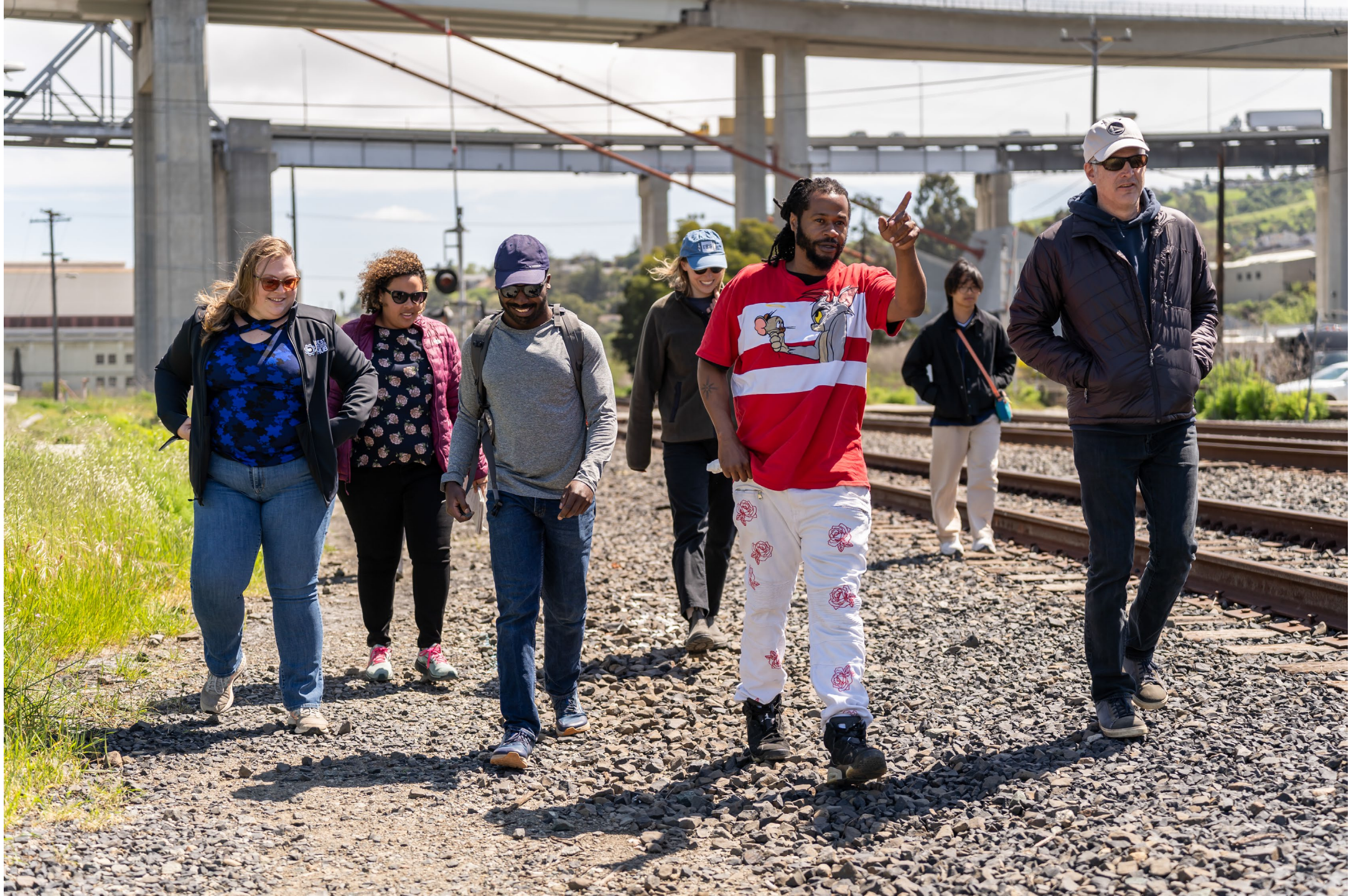
TASK 22-6

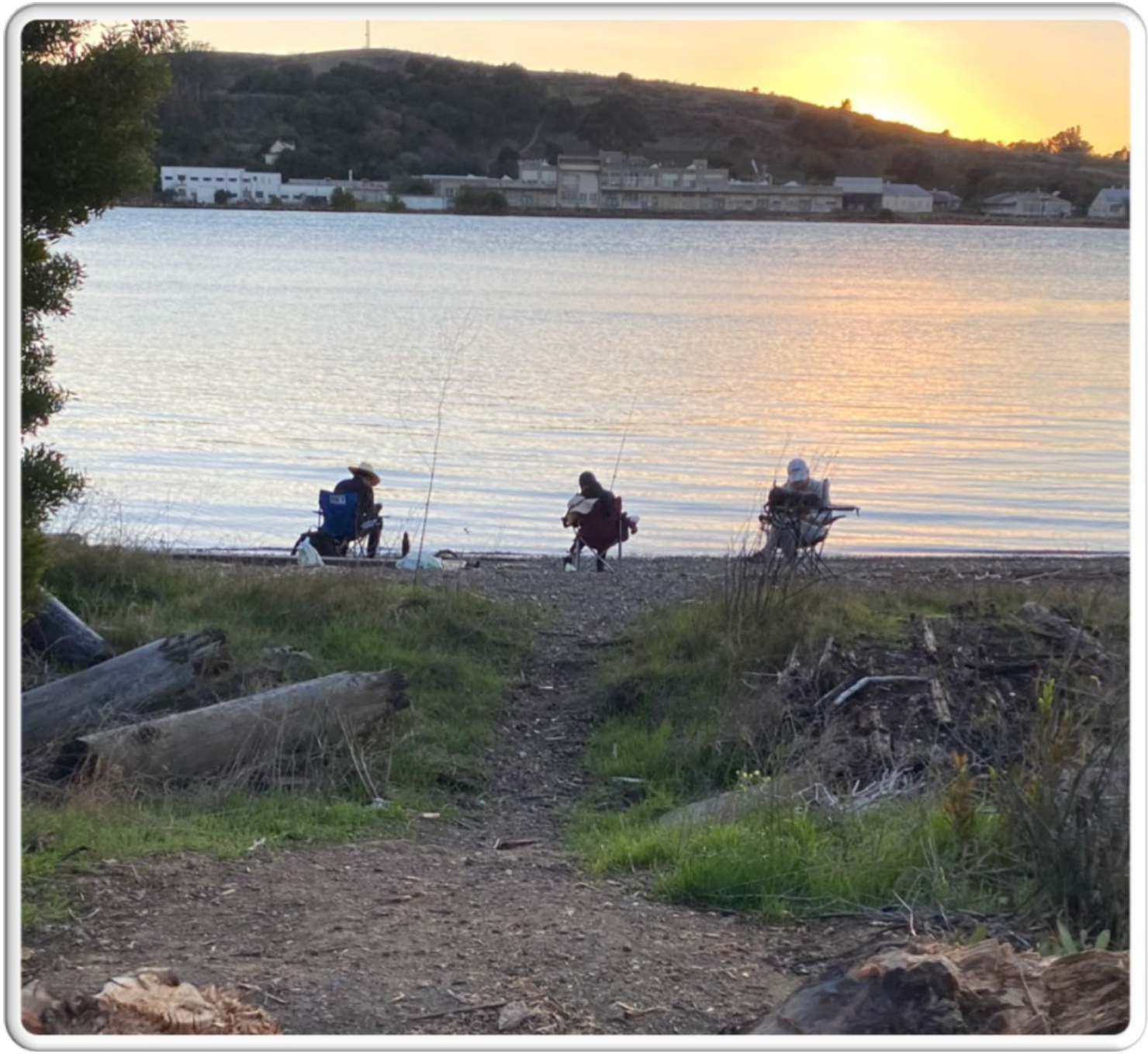
Use the results of community-based toxic sites mapping to produce an updated and prioritized list of toxic sites, including the status of sediment quality and indicators of bioaccumulation associated with fish consumption warnings, to inform management needs.

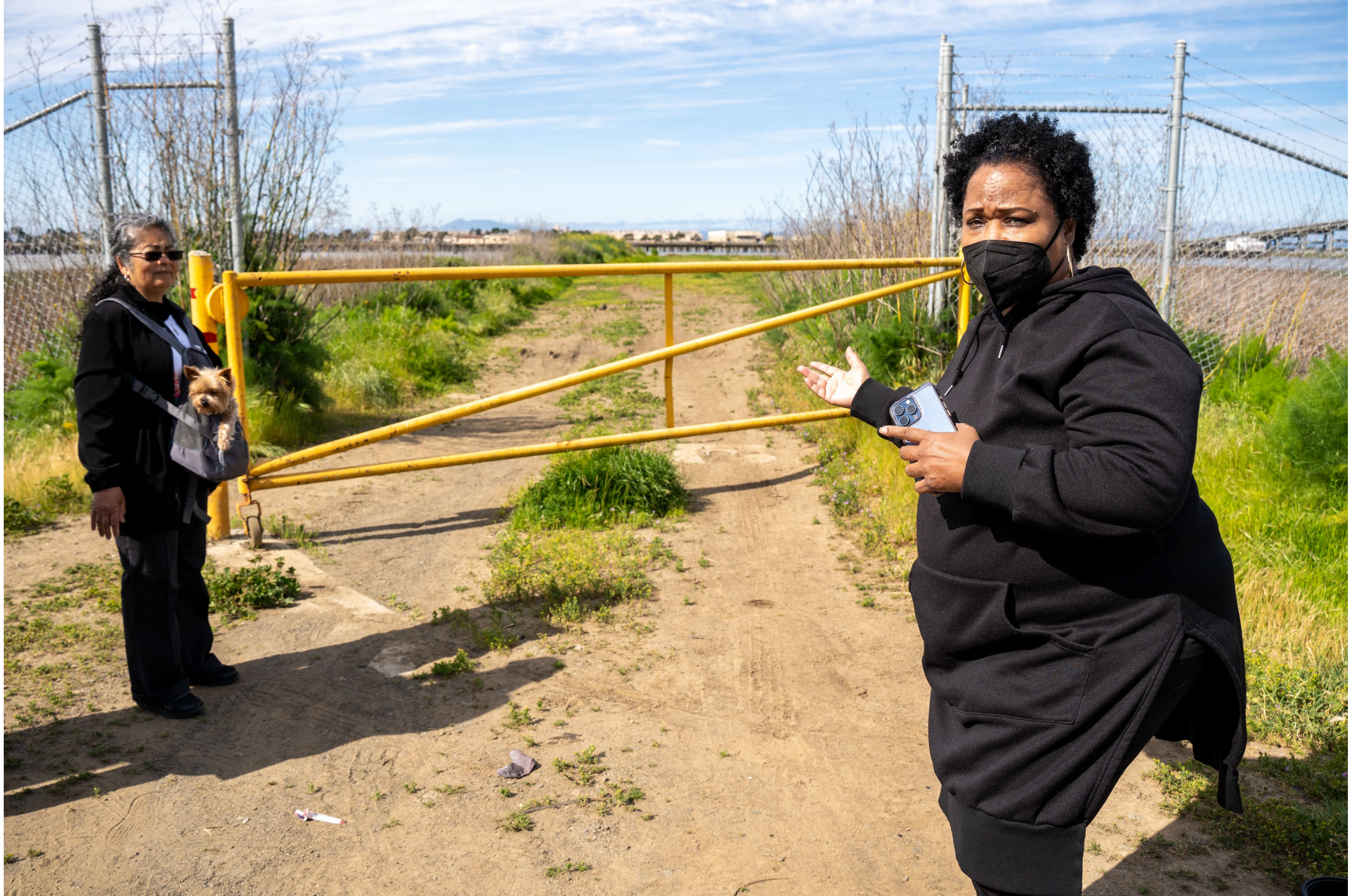
MILESTONE

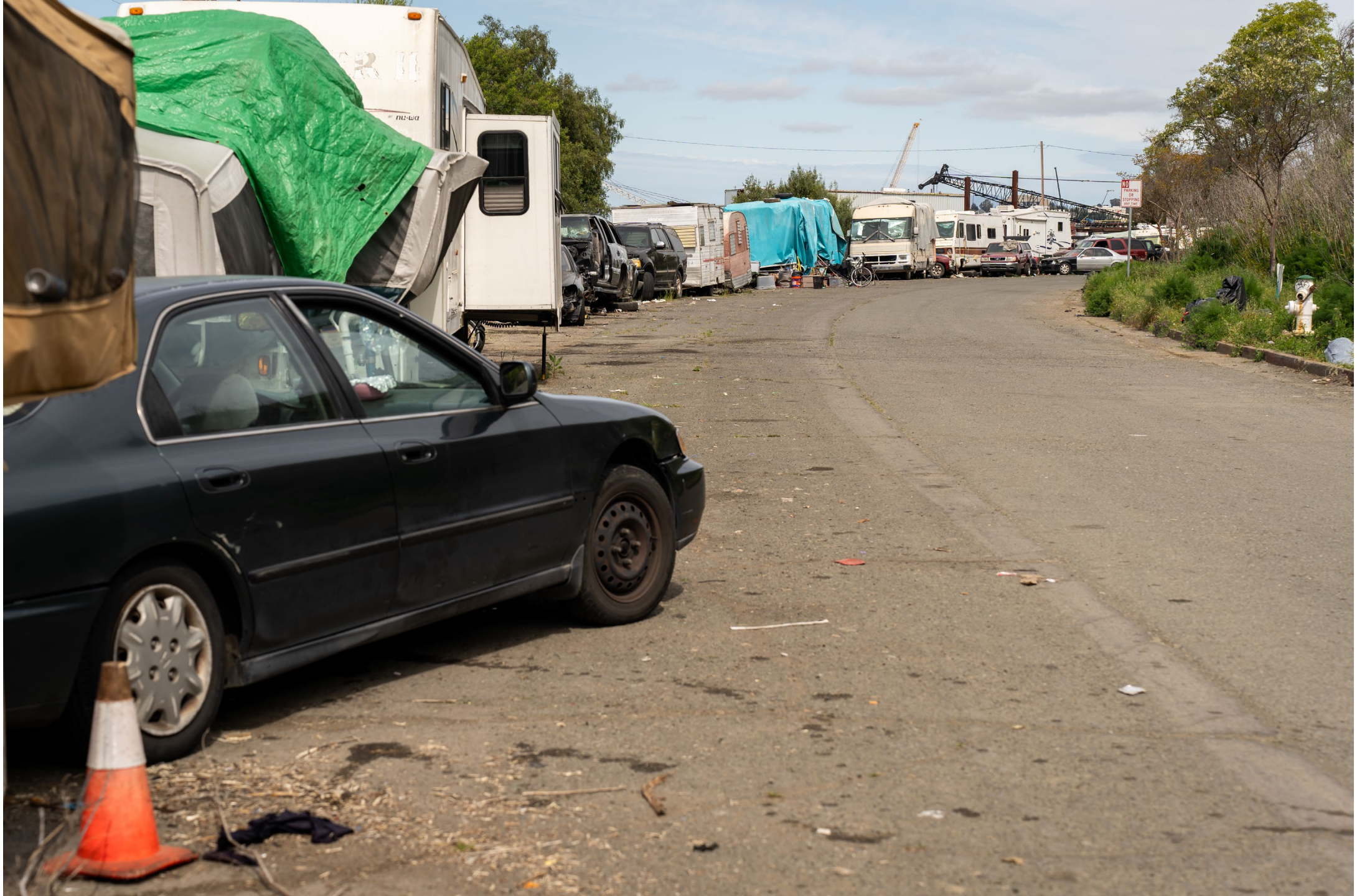
Updated and prioritized known toxic sites lists, including community-identified toxic sites, to inform management needs.

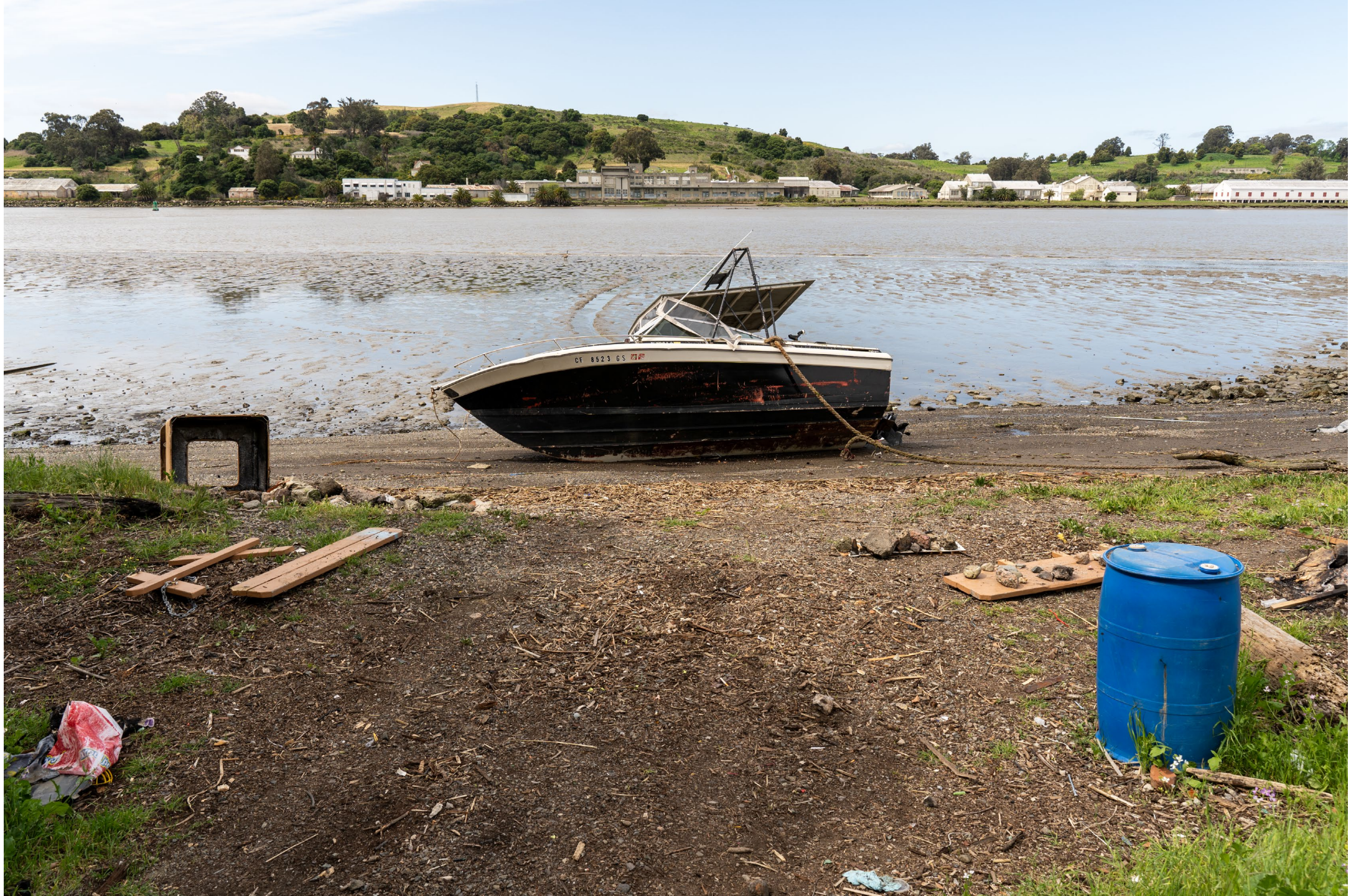
COST ESTIMATE – $







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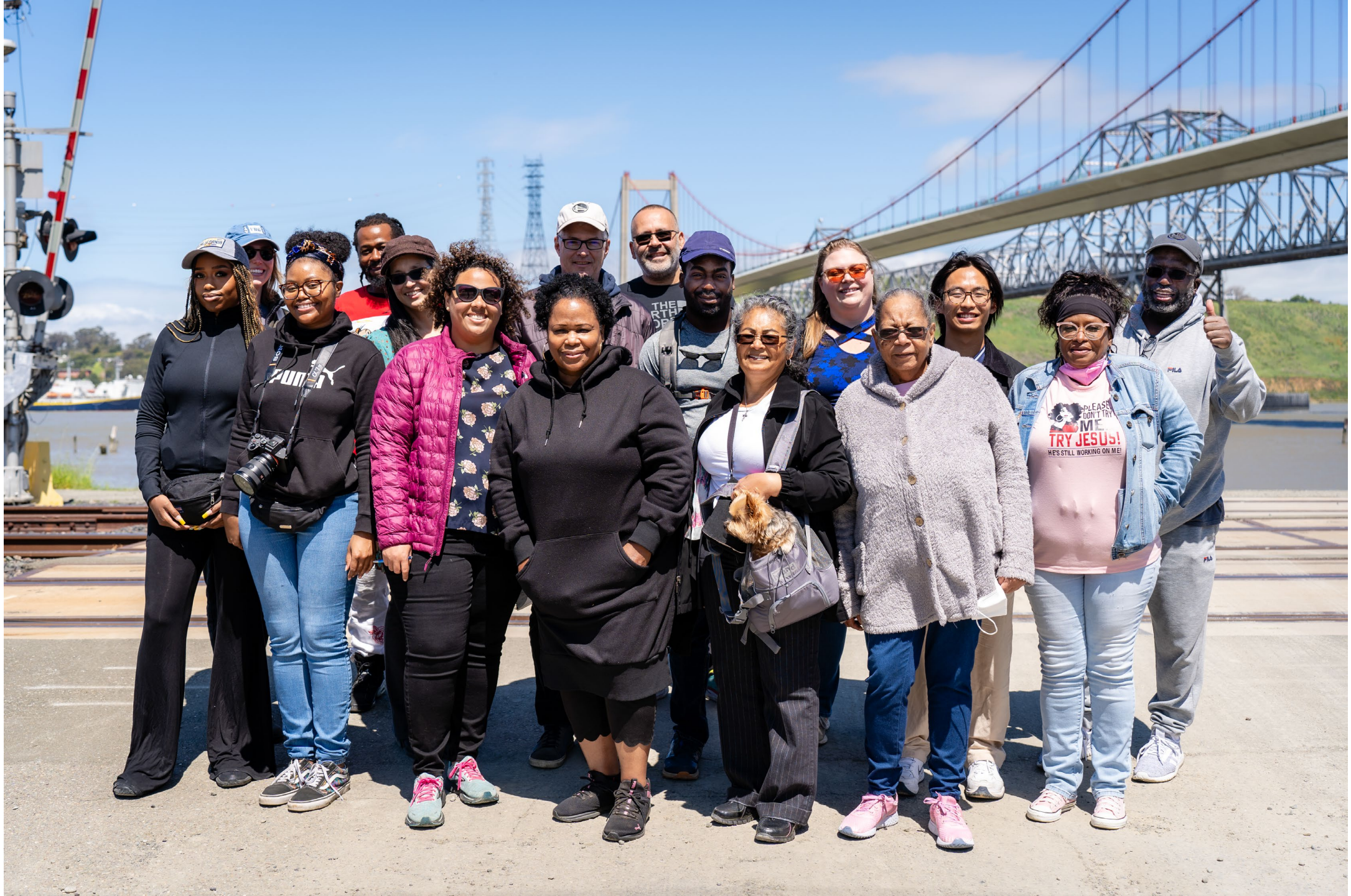
PLEASE DON'T TRY ME
TRY JESUS!
HE'S STILL WORKING ON ME!