West Oakland Environmental Indicators Project - Shoreline Toxins and Water Quality Session

OCTOBER 23, 2021
Agenda

1. Warm Up
2. DTSC and cleanup overview
3. Example
4. EnviroStor
5. CalEnviroScreen, Tribal consultation, sea level rise
DTSC Warm Up (5 mins)

• What do you know about DTSC?
• Have you worked with DTSC?
• Do you know any nearby cleanup sites?
• How can the community get involved in cleanup?
DTSC Site Mitigation & Restoration Program (10 mins)

- DTSC jurisdiction = hazardous substances and hazardous wastes.
- DTSC programs = safe products, permits, enforcement, & cleanup.
- **Cleanup** is needed when toxics end up in soil, water, air, or organisms above an “acceptable” concentration.
- **Cleanup** program sites are usually discovered after sampling, or public complaints, or permit closures, or real estate transactions.
- **Cleanup** program sites follow specific requirements to ensure consistency.
Everyone can be involved in cleanup projects.
The public can participate during all steps in cleanup.

Discover | Investigate | Decide | Cleanup | Operate & Maintain
DTSC makes cleanup decisions based on the “Nine Criteria.”

| Options must meet these:                        | 1. Overall protection of human health and the environment |
|                                                | 2. Compliance applicable or relevant & appropriate standards |
| Options are then be compared with these:       | 3. Long-term effectiveness and permanence |
|                                                | 4. Reduction of toxicity, mobility or volume |
|                                                | 5. Short-term effectiveness |
|                                                | 6. Implementability |
|                                                | 7. Cost |
| Options are then informed using these:         | 8. State acceptance |
|                                                | 9. Community acceptance |
DTSC uses EnviroStor as its public database for each project.

envirostor.dtsc.ca.gov
EnviroStor has different tabs.

1. Summary
2. Land Use Restrictions
3. Activities
4. Community Involvement
5. Site/Facility Docs
6. Sub-Areas
7. Map
8. Related Sites
9. CalEnviroScreen
The map tab links to a map of DTSC cleanup program sites.
The community involvement tab links to a list of public notices.
DTSC Cleanup Project Example: Zeneca, Richmond (15 mins)

- Community Advisory Group
- Public Participation Plan
- Public Comment Periods
- Public Meetings
- Public Notices
- Community Updates
- Work Notices
- Public Participation Specialist
- Public Record Requests
- EnviroStor Database
- Tribal Affairs Coordinator

Image Sources: San Francisco Chronicle; East Bay Times
Demonstration of EnviroStor?

https://www.envirostor.dtsc.ca.gov/public/
CalEnviroScreen helps DTSC prioritize sites and communicate with public.

<table>
<thead>
<tr>
<th>Pollution Burden</th>
<th>Population Characteristics</th>
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<tbody>
<tr>
<td>Ozone Concentrations</td>
<td>Cardiovascular Disease</td>
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<tr>
<td>PM2.5 Concentrations</td>
<td>Low Birth-Weight Births</td>
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<td>PM Emissions</td>
<td>Asthma</td>
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<td>Drinking Water Quality</td>
<td>Emergency</td>
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<td>Pesticide Use</td>
<td>Department Visits</td>
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<td>Traffic Density</td>
<td>Children’s Lead Risk from</td>
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<td>Children’s Lead Risk from Housing</td>
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<tr>
<th>Environmental Exposures</th>
<th>Sensitive Population Factors</th>
<th>Socioeconomic Factors</th>
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<tr>
<td>Cleanup Sites</td>
<td>Educational Attainment</td>
<td>Unemployment</td>
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<td>Groundwater Threats</td>
<td>Poverty</td>
<td>Housing Burdened Low Income Households</td>
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<td>Hazardous Waste</td>
<td>Linguistic isolation</td>
<td>Education</td>
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<td>Impaired Water Bodies</td>
<td>Poverty</td>
<td>Education</td>
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<td>Solid Waste Sites and Facilities</td>
<td>Poverty</td>
<td>Education</td>
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CalEnviroScreen 3.0
CalEnviroScreen data is provided by the Office of Environmental Health Hazard Assessment (OEHHA). To learn more about CalEnviroScreen please go to www.oehha.ca.gov.

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<td>CalEnviroScreen Score</td>
<td>88%</td>
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Summary:
- Lead use restrictions
- Activities
- Community involvement
- Site/Facility data
- Sub-Areas
- Map
- Related Sites

CalEnviroScreen
CalEnviroScreen helps DTSC prioritize sites and communicate with public.
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Tribal consultation policy applies to cleanup program projects.
Sea level rise is expected to impact some DTSC projects.

- DTSC relies on outside experts for sea level rise predictions.
- DTSC cleanup decisions and designs and operations recognize sea level rise where applicable.
- DTSC continues to monitor for changes in best available science, from OPC, NOAA, BCDC, and others.
DTSC hosts quarterly public forums at dtsc.ca.gov/publicforums
Regulatory questions?

DTSC’s Regulatory Assistance Officers are here to help.

+1 800-728-6942 in CA
+1 916-324-2439 outside CA
RAO@dtsc.ca.gov
Toxics complaints?

DTSC’s Regulatory Assistance Officers are here to help.

+1 (800) 698-6942

RAO@dtsc.ca.gov

https://calepacomplaints.secure.force.com/complaints/
Parting Thoughts?

• How might the public be better involved in cleanups?
• What is your vision for cleanup projects in the Bay Area?

Ian Utz, Environmental Scientist (he/him)
Site Mitigation and Restoration Program
California Department of Toxic Substances Control
700 Heinz Avenue, Suite 200, Berkeley, California 94710-2721
ian.utz@dtsc.ca.gov