



**CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL**

Carson Marketplace

DTSC's Roles & Responsibilities

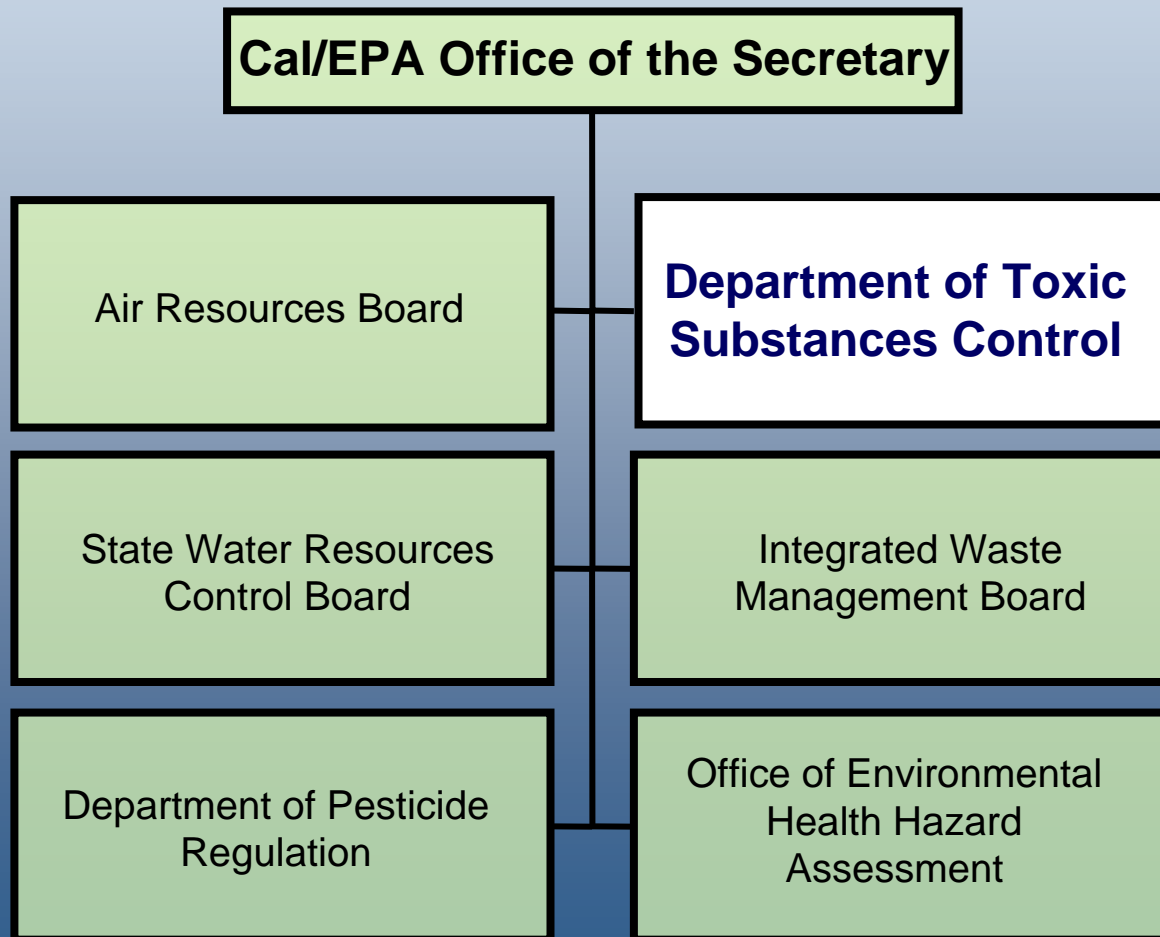
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Southern California Clean-Up Operations Branch



California Environmental Protection Agency





California Environmental Protection Agency Department Of Toxic Substances Control

- DTSC is a department within the California Environmental Protection Agency (Cal/EPA)
- DTSC regulates hazardous waste generation, transportation, treatment, storage and disposal within California
- DTSC protects public health and the environment from harmful exposure to hazardous substances releases



California Environmental Protection Agency Department Of Toxic Substances Control

- DTSC evaluates all exposure media - soil, air, groundwater and surface water
- DTSC has multidisciplinary technical expertise on staff, including engineers, environmental scientists, toxicologists, geologists, environmental planners, legal counsel, and a variety of other technical experts



California Environmental Protection Agency
Department Of Toxic Substances Control

Site Mitigation And Brownfields Reuse Program

- DTSC's Site Mitigation and Brownfields Reuse Program oversees and/or conducts cleanup activities to protect public health and the environment from threats posed by contaminated sites
- DTSC has been involved in the investigation and cleanup of over 1,000 suspected or actual contaminated properties in California since 1981

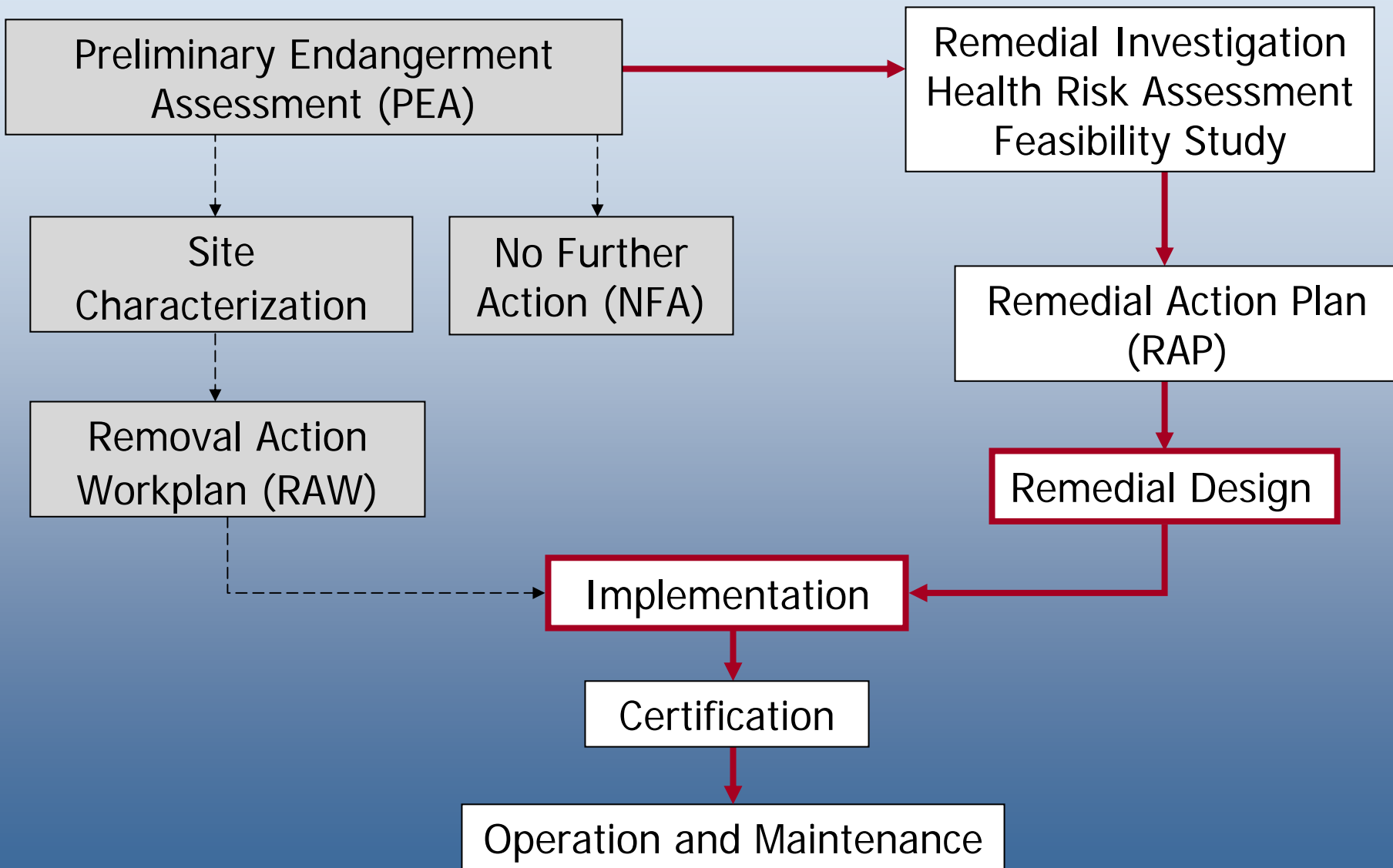


DTSC's

Regulatory History at Cal Compact Landfill

- **DTSC Regulatory Authority: California Health and Safety Code, Chapter 6.8 – “State Superfund Program”**
 - ▶ 1988 - DTSC issued Remedial Action Order to 14 responsible parties for the site
 - ▶ 1995 - DTSC enters into a Consent Order with a RP to conduct Remedial Investigation and develop Remedial Action Plan
 - ▶ 1995 - Court approves Consent Decree (CDs) with DTSC and LA MetroMall
 - ▶ 1998 – 2001 Court approves additional CDs

Site Cleanup Process





Site Characterization

- Determine if there has been a release of hazardous substances
- Collect and analyze environmental samples, (including soil, water and air)
- Define nature and extent of contamination
- Conduct a Human Health Risk Assessment



Risk Assessment

- Evaluates routes of exposure for chemicals of concern
- Assesses risk to human health
- Assesses risk to the environment



Remedial Action Plan (RAP)

- RAP is a plan for conducting site remediation
- 1995 - DTSC approved a RAP for Upper Operable Unit
- 2004 - RAP approved for Lower Operable Unit
- Remedial Action Plan requires:
 - ▶ Landfill cap
 - ▶ Landfill gas collection and treatment system
 - ▶ Groundwater collection and treatment system
 - ▶ Institutional Controls
 - ▶ Operation and Maintenance
 - ▶ Lower OU Groundwater Monitoring



Institutional Controls and Operation and Maintenance

Institutional Controls - Are non-engineering mechanisms, particularly legal measures, designed to limit activities, and access, and/or prevent or reduce exposure to hazardous materials at a particular site.

Operation and Maintenance – O&M Agreement and
O&M Plan



Public Participation Activities

- Public Participation is an integral part of the site cleanup process, mandated under the Health & Safety Code
- DTSC understands the public's need to be informed and encourages participation in the decision-making process
- DTSC has issued fact sheets and conducted Public Meetings to update the community



Moving Forward

DTSC entered into a consultative service agreement with Lennar Properties

DTSC staff continues to meet and discuss technical aspects of the project

