

Cal/EPA

Department of Toxic Substances Control



Brownfields Cleanup

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DEPARTMENT OF TOXIC SUBSTANCES CONTROL (DTSC)

DTSC is:

- A department within California Environmental Protection Agency (Cal/EPA)
 - Charged with protecting public health and the environment from harmful exposure to hazardous substances/wastes
 - Responsible for regulating hazardous waste
-

DEPARTMENT OF TOXIC SUBSTANCES CONTROL



DTSC is (con't):

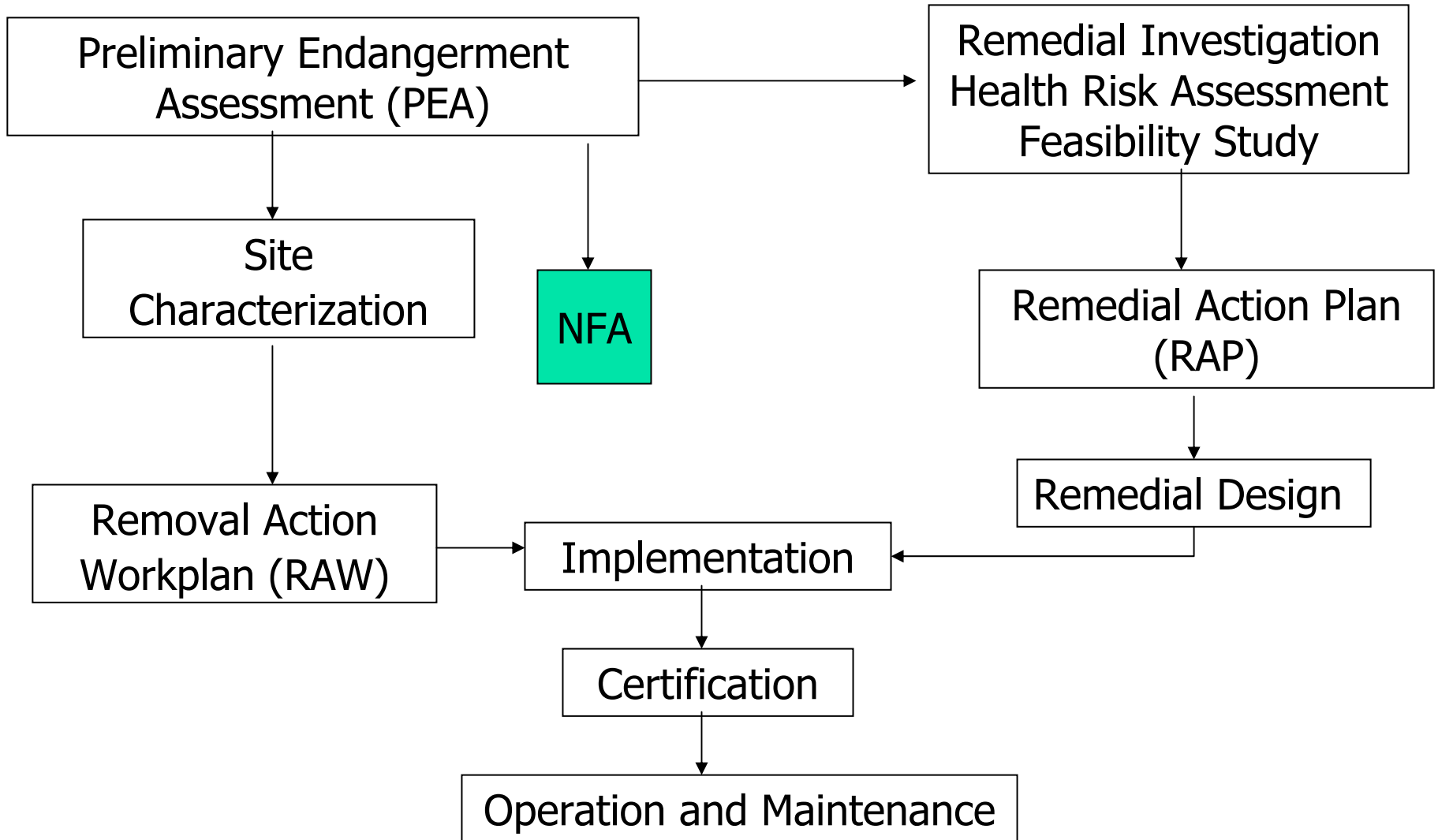
- A Department which evaluates all exposure media - soil, air, groundwater and surface water.
 - Has multidisciplinary technical expertise on staff - engineers, environmental scientists, toxicologists, geologists, environmental planners, public participation specialists, and a variety of other technical experts.
-

DTSC'S Site Mitigation Program:



- Is responsible for overseeing and/or conducting cleanup activities to address public health and environmental threats posed by contaminated sites.
 - Has been involved in investigation and cleanup of suspected or actual contamination at more than 1,000 properties in California since 1981.
-

Cleanup Process





Public Participation Activities

- Community Survey
- Community Interviews
- Public Participation Plan
- Mailing List
- Fact Sheets
- Public Notices
- Public Meetings
- Information Repositories
- Response to Comments



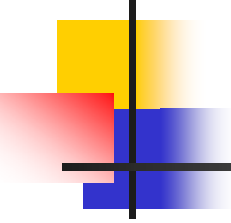
DTSC's Brownfields Program

“ Mission is to protect public health and the environment *and to assist communities in the restoration of contaminated properties*”



Brownfields Cleanup

- Coordinating cleanup with the end use (industrial-commercial vs. residential-sensitive use)
- Use of Institutional Control
 - Run with the land
 - Long term monitoring cost considerations
- Post Remediation Risk Assessment
- Soils Management



Who are the Key Players in brownfields cleanup

- Governmental Environmental Agencies
- Redevelopment Agencies
- Technical Consultants
- Legal Professionals
- Commercial Lenders
- Real Estate Professionals
- Investors and Developers
- Citizens and Community Groups



DTSC's Brownfields Initiatives

- Voluntary Cleanup Program- chapter 6.8
- Prospective Purchaser Policy (PPA)
- AB 389
- SB 32
- Environmental Oversight Agreements (EOAs)
- Consultative Agreements- chapter 6.5
- CLEAN Program – low interest loan
- Targeted Site Assessment



Environmental Oversight Agreement

- Eliminates “Responsible Party” problem for Redevelopment Agencies
- Establishes “Brownfields-oriented” cleanup processes for Brownfields-scale redevelopment projects
- Establishes simple “consultation process” to assist RDAs in determining how/if to proceed on brownfield sites



Environmental Oversight Agreement

- Serves as a “Master Agreement” for an RDA through which individual properties can be remediated.
- Provides for different types of agreements: technical consultation or remediation oversight.
- Uses a menu approach so that only the tasks of interest to the RDA are included in the agreement.

Remediation Oversight



**Site
Characterization**

Remedy Selection

RAP, Cleanup Plan

**Implementation
& Closure**

Redevelopment Ready Site

Slauson Central Project, LA





Targeted Site Investigation (TSI)

- Uses funding from EPA State Response Program Grant (over \$500,000 annually)
- Provides assessment services to communities and non-profits
- Uses state contractor at no cost to the applicant

TSI (cont.)

5413 Avalon BLVD, LA



TSI (cont.)

5413 Avalon BLVD, LA



Cornfields Site, Los Angeles

- 32-acres along LA River
- Site currently vacant; railroad ties and other debris have been removed
- Chemicals of concern in soil include: lead, arsenic, Volatile Organic Compounds (VOCs) and Total Petroleum Hydrocarbons (TPH)



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California State Parks

Ruth Coleman, Acting Director

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CORNFIELD
LOS ANGELES, CALIFORNIA

NORTH SPRING STREET

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PROPOSITION 40

PHASE I: INITIAL PUBLIC USE (IPU)
Temporary Information Site 2002
Start Construction IPU Winter 2003
Anticipated opening Spring 2004

PHASE II: PERMANENT FACILITIES
Whole Park—2006

For More Information
Call: (213) 620-6406

Former Palm springs Landfill Before Remediation: July 2004



Former Palm Springs Landfill Remediation : November 2004





KEY COMPONENTS FOR SUCCESSFUL Brownfields Cleanup

- **Early DTSC Involvement**
- **Early community involvement**
- **Facilitating Good Communications amongst all stakeholders**
- **Coordinating cleanup with redevelopment**



For More Information

To find out more about Brownfields please visit:

www.dtsc.ca.gov/StateCleanup/

www.calepa.ca.gov/Brownfields/

www.epa.gov/brownfields

www.epa.gov/region9