



Lendrum Court Draft Removal Action Work Plan

Public Meeting: 6pm June 18, 2015

1201 Ralston Avenue, Presidio of San Francisco



Welcome

Wayne Hagen

DTSC Public Participation Specialist

George Chow

DTSC Project Manager

Agenda

- Welcome and Introductions
- DTSC Site Cleanup Process
- Site Background and Environmental Investigation
- Remedial Alternatives
- Proposed Remedial Action
- Public Comment

Ground Rules

- Silence cell phones
- Be respectful to all parties
- Limit questions and comments to DTSC's cleanup action



Presidio Lendrum Court

Draft Removal Action Work Plan

Public Comment Period

June 1, 2015 to
July 1, 2015

Public Comment

- Public Notice –
San Francisco Chronicle, June 1, 2015
- Fact Sheet –
Mailed May 29, 2015

Information Repositories

DTSC File Room

700 Heinz Avenue

Berkeley, CA 94710-2721

(510) 540-3800, call for an appointment

Presidio Trust Library

103 Montgomery Street

San Francisco, CA 94129-0052

(415) 561-5418, Monday - Friday, 8:30 am – 4:30 pm

Online repositories

- Presidio Trust Lendrum Court Page (<http://www.presidio.gov/about/Pages/Lendrum-Court-Remediation.aspx>)
- DTSC Envirostor Page (www.envirostor.dtsc.ca.gov, search for “Lendrum Court, San Francisco”)



DTSC's Quarterly Public Meetings

Public Business Government Media

Latest News

- Agenda for DTSC's December 10 Public Meeting
- Sims Group USA to Pay Nearly \$2.4 Million for Unlawful Release and Disposal of Hazardous Waste
- Statement on DTSC's Involvement in the Settlement with AT&T Announced by the Attorney General
- Assemblymember Skinner Comments on Court Order Closing Metal Plating Company
- Richmond Metal Plating Company Shut Down by Court Order
- DTSC Announces Enforcement Order Against Exide Technologies
- DTSC 2014-2018 Strategic Plan
- Recent News Coverage of DTSC
- What's New: Recently posted documents



Popular Pages

- Regulatory Assistance Office
- Biennial Reports Information
- Accessing Public Records

Tweets Follow

DTSC @CaliforniaDTSC 40m
 #Exide plant begins to remove lead-contaminated soil from neighboring homes
 cbsloc.al/1Ia6v9m #LosAngeles #DTSC #Vernon
 Expand

DTSC 1h

Office of Governor
Edmund G. Brown Jr.
 Visit his Website

Director
Barbara Lee
 Visit her Website

SUBSCRIBE TO
 DTSC NEWS FEED

Get a Temporary EPA-ID

Hazardous Waste
 Manifests

File an
 Environmental
 Complaint

Quick Links

- Strong Systems for the Future
- Safer Consumer Products
- Exide Technologies



Department of Toxic Substances Control

- E-Lists
- Contact DTSC

Quick Links:

- Exide
- Santa Susana Field Lab
- Kettleman
- Topock
- Envirostor
- Hazardous Waste & Environmental Fees
- File an Environmental Complaint
- EPA ID Numbers
- DTSC Data
- Permit Appeals
- Fact Sheets & Publications
- How are we doing? Take Our Survey
- Evalué nuestro servicio



DTSC: Who We Are and What We Do

DTSC's Mission Statement and Strategic Plan

The mission of DTSC is to protect California's people and environment from harmful effects of toxic substances by restoring contaminated resources, enforcing hazardous waste laws, reducing hazardous waste generation, and encouraging the manufacture of chemically safer products.

Our Vision

Californians enjoy a clean and healthy environment, and as a result of our efforts:

- Communities are confident that we protect them from toxic harm
- Businesses are confident that we engage them with consistency and integrity
- Consumers are confident that we stimulate innovation in the development of safer products

2014-2018 Strategic Plan (with links)

2014-2018 Strategic Plan (printable)

Proposed DTSC Budget for 2014-2015

- | | | |
|------------------------------|----------------------------------|--------------------------|
| How We Are Organized | Overseeing Site Cleanup | Infrastructure |
| Overview of DTSC | Regulating Those Who Manage | DTSC's External Advisory |
| Toxics Questions | Hazardous Waste | Group |
| Laws, Regulations & Policies | Encouraging Pollution Prevention | |
| | Science and Technology | |

How We Are Organized

- Executive Leadership Team

- TOOLS**
- [Site / Facility Search](#)
 - [Advanced Search](#)
 - [Download Data](#)
 - [Subscribe to Email Alerts](#)
 - [EnviroStor Survey](#)

MAP LOCATION OF INTEREST

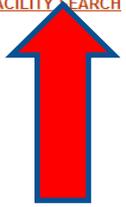
e.g., "10 market st, san francisco, ca" - [INFO](#)

- REPORTS**
- [By Program](#)
 - [Mandated Reports](#)
 - [By District](#)
 - [Land Use Restrictions](#)
 - [Permitted Facilities](#)
 - [Commercial Offsite Hazardous Waste Facilities](#)

- COMMUNITY INVOLVEMENT**
- [With Public Notices in the Last 60 Days](#)
 - [With Drafts for Public Review in the Last 6 Months](#)
 - [Guidelines for Access to Public Records](#)

- INFORMATION**
- [DTSC Home](#)

TO SEARCH FOR SPECIFIC CLEANUP SITES OR HAZARDOUS WASTE FACILITIES, USE THE [SITE / FACILITY SEARCH TOOL](#)



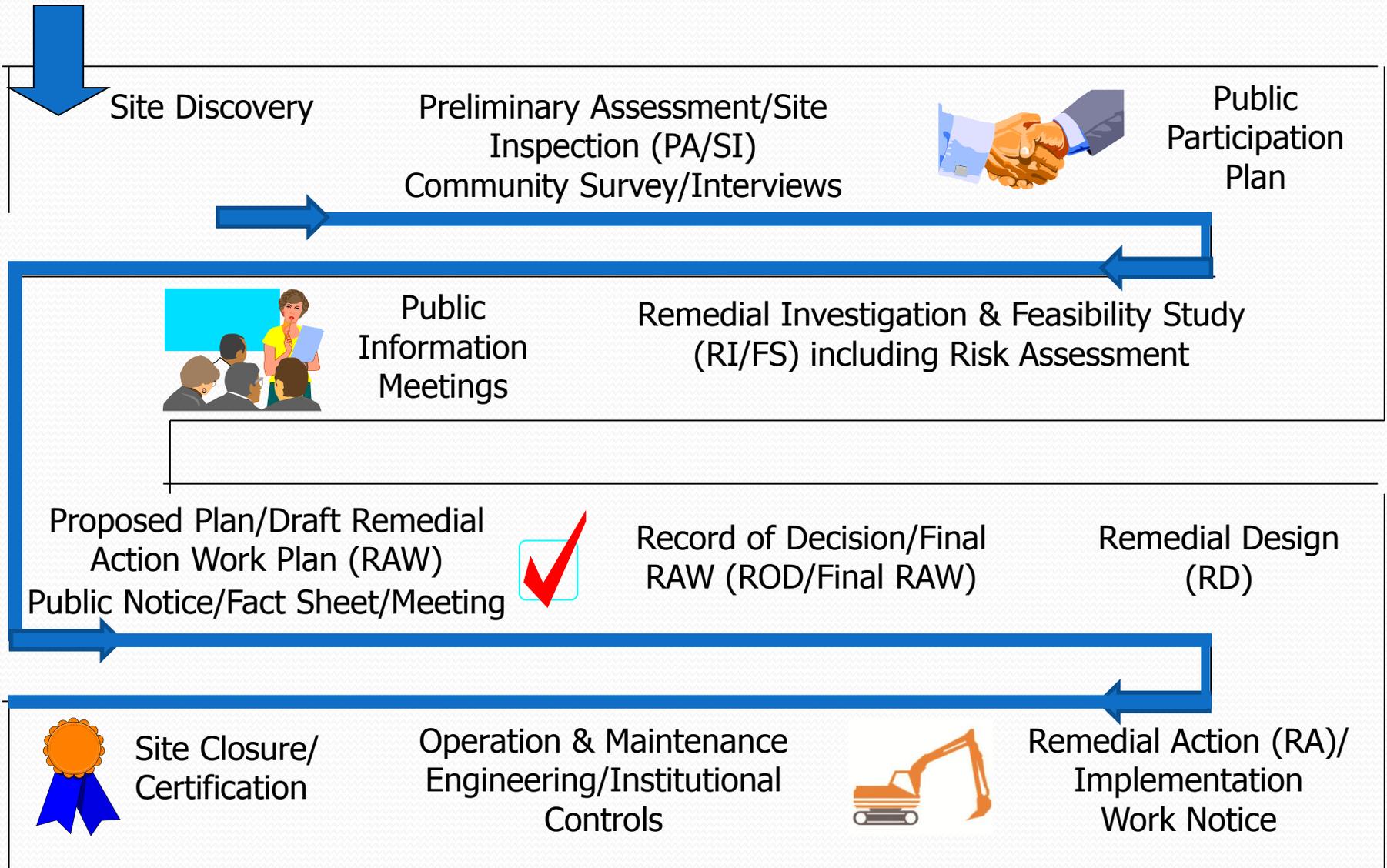
PROJECT SEARCH	
ENTER PARTIAL INFORMATION BELOW. LEAVING A FIELD BLANK MATCHES ANY ENTRY FOR THAT FIELD.	
PROJECT NAME:	<input type="text" value="Lendrum Court"/>
ADDRESS DESCRIPTION:	<input type="text"/>
CITY:	<input type="text"/>
ZIP:	<input type="text"/>
COUNTY:	<input type="text"/>
SITE CODE, ENVIROSTOR ID #, EPA ID #, HWIS ID CODE:	<input type="text"/>
APN:	<input type="text"/>
STATUS	<input type="text"/>
PROJECT TYPE	<input type="text"/>
OFFICE	<input type="text"/>
<input type="button" value="Search For Project"/>	



PROJECT SEARCH RESULTS							1 RECORDS FOUND	EXPORT TO EXCEL	PAGE 1 OF 1
PROJECT NAME	PROJECT CODE	PROJECT TYPE	STATUS	ADDRESS	CITY	PROFILE REPORT			
PRESIDIO OF SAN FRANCISCO/LENDRUM COURT	201999	VOLUNTARY CLEANUP	ACTIVE	LENDRUM COURT	SAN FRANCISCO	PROFILE REPORT			



DTSC Site Cleanup Process



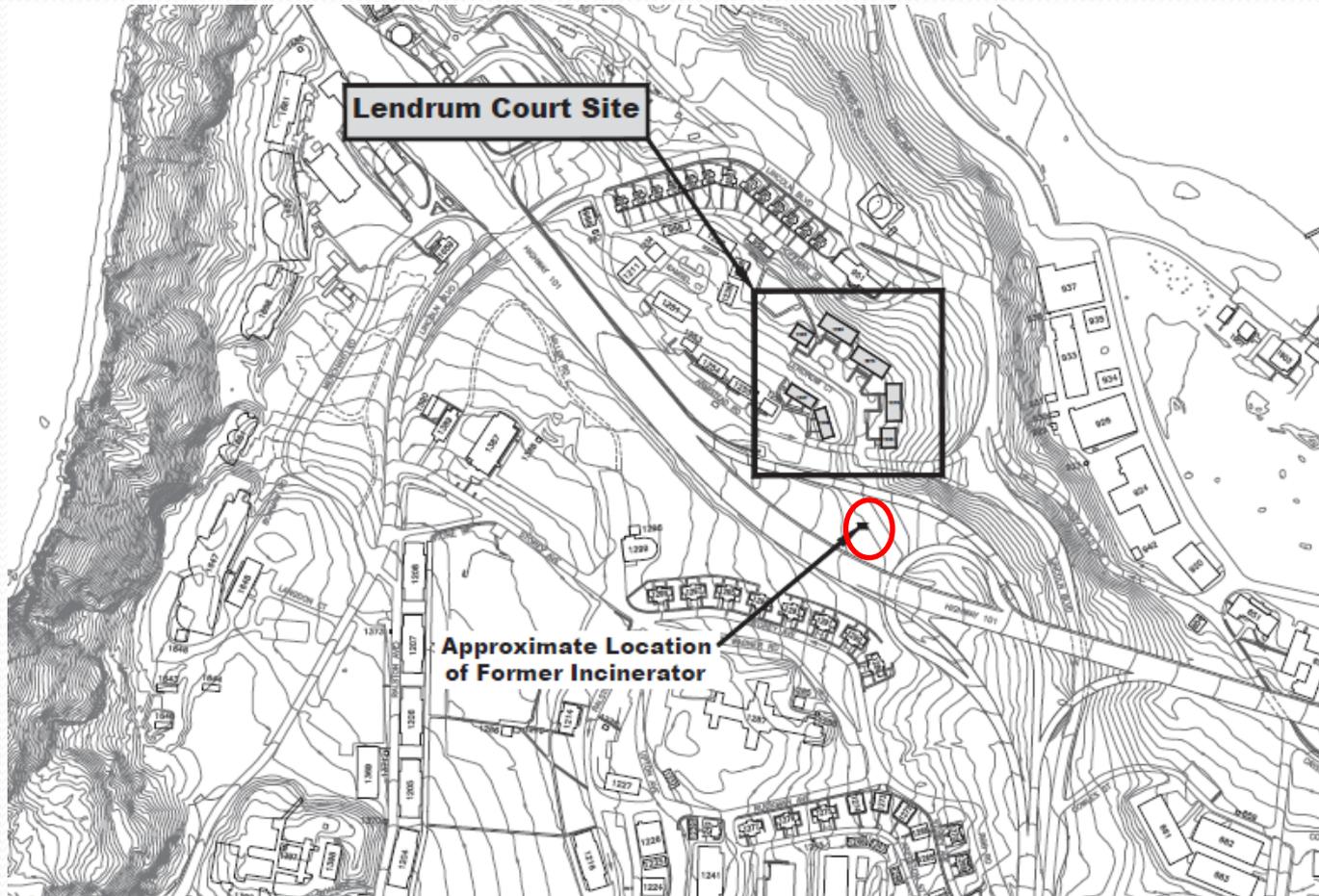
Site Location



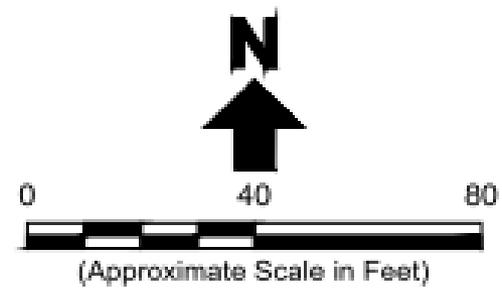
Site Background

- Pre-Lendrum Court History
- Environmental work 2010-2014
 - October 2010 – Exploratory trenches reveal debris and ash in soil at Lendrum Court
 - June 2013 – Preliminary Endangerment Assessment
 - May 2014 – Temporary measures completed
 - May 2014 – North Fort Scott and Pilots Row investigation
 - September 2014 – Additional Investigation in Lendrum Court to determine extent of debris
 - Spring 2015 – Caltrans work in Hook Ramp Area

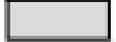
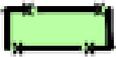
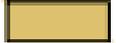
Former Incinerator



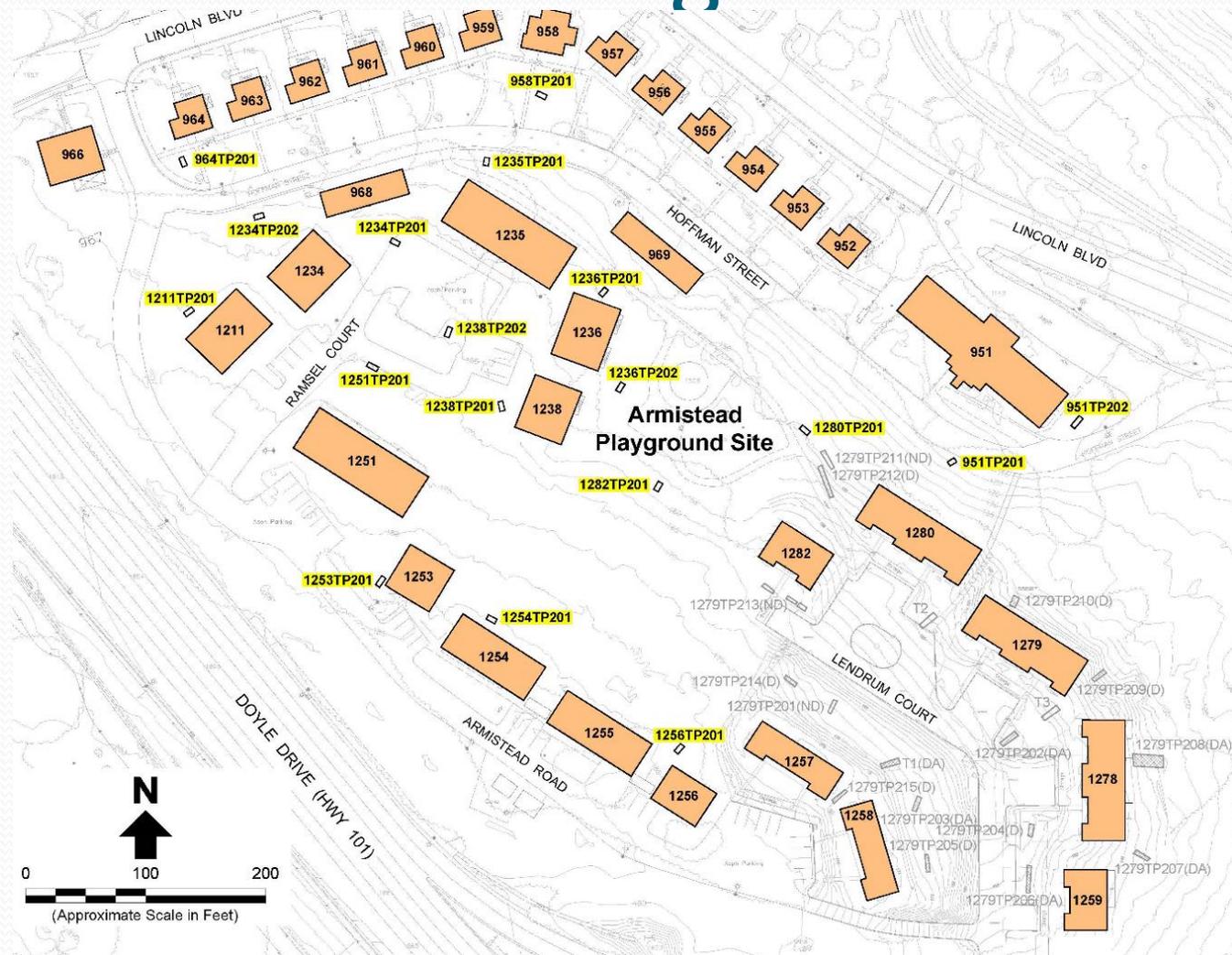
Temporary Measures



Legend:

-  Building
-  Paved Areas
- Landscape Areas**
 -  Fencing
- Informal Gathering Areas**
 -  Sod
- High-Traffic Areas**
 -  Sand-Set Pavers
 -  Aggregate Base
 -  Wood Chips

Investigation in North Ft. Scott and Pilots Row neighborhoods



Additional Investigation at Lendrum Court



Extent of Debris



Caltrans Hook Ramp



Chemicals of Concern

- In the Debris Fill Area, chemicals of concern are
 - Metals - arsenic, barium, copper, lead, and zinc
 - Polycyclic aromatic hydrocarbons (PAHs)
 - Dioxins and furans
- Outside the Debris Fill Area, chemicals of concern are
 - Metals – lead
 - Dioxins and Furans

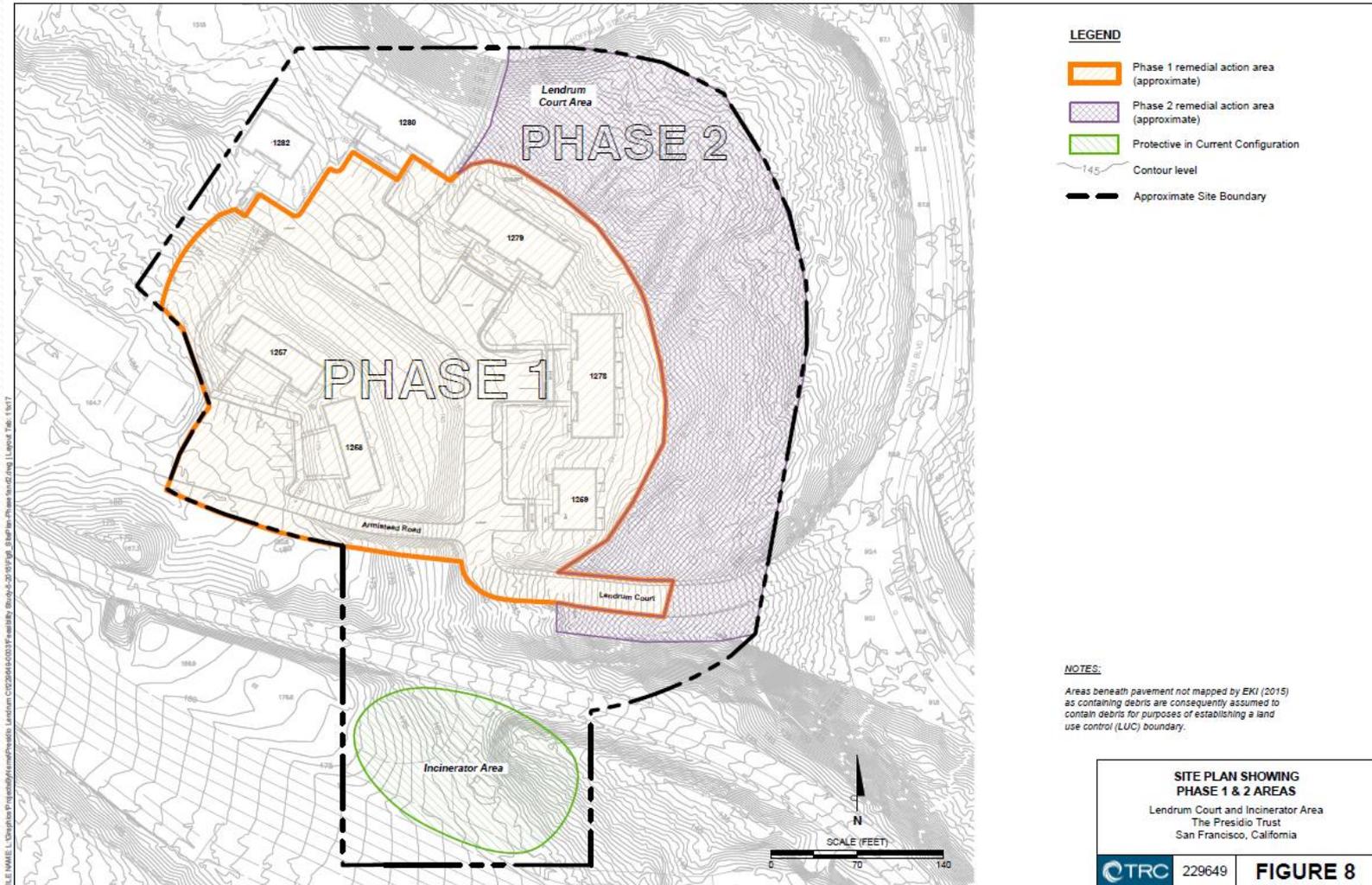
Remedial Alternatives

- Alternative 1 – no action
- Alternative 2 – Excavation, characterization, transportation and offsite disposal of all chemically impacted debris, ash, and soil.
- Alternative 3
 - Removal and disposal of 1,500 cubic yards of soil.
 - Consolidation and capping of the remaining contaminated material.
 - Adoption of Land Use Controls and long-term monitoring.

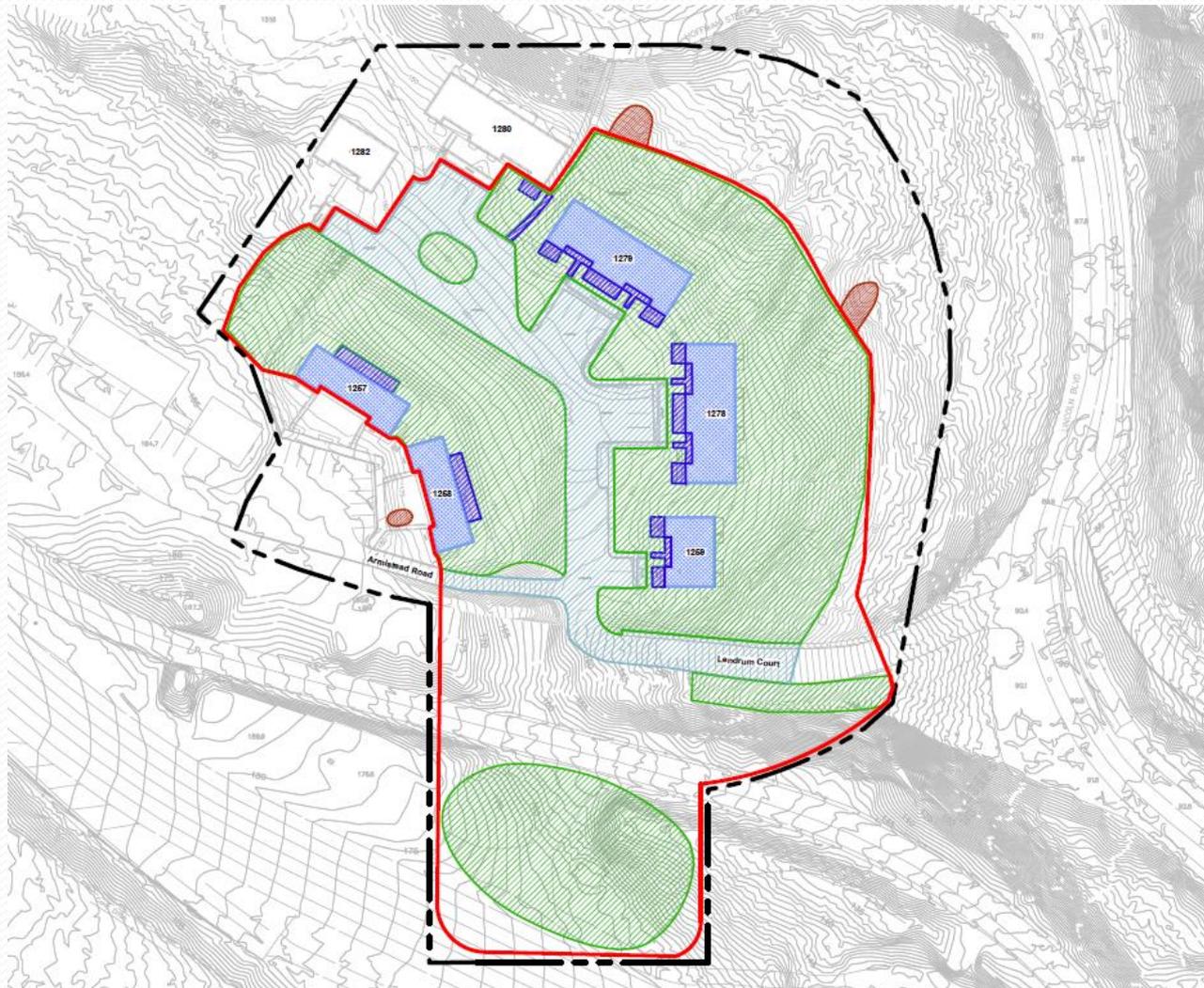
Proposed Remedy

- Cover will consist of 1.5 feet of clean soil on top of a geotextile and gopher wire
- In the root zones of trees to be protected, cover will consist of 6'' of rock.

Proposed Remedy



Proposed Remedy



Community Protection Measures

- Work Notices
- Air Monitoring
- Dust Control
- Storm Water Pollution Prevention
- Traffic/Transportation
- Decontamination

What's Next

- Trust to submit a final Remedial Design Implementation Report (Phase I) for approval by DTSC
- Remedy Implementation in Lendrum Court Area – Summer 2015
- Trust to submit a final Remedial Design Implementation Report (Phase II) for approval by DTSC
- Remedy Implementation in Historic Forest Area – Summer 2016

Public Meeting

- Fill out Card: Name, Address, Comment
- Cards will be collected.
- Court reporter is recording the meeting.

Response to Comments document will be sent to all who comment.

Project Contacts

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- George Chow, DTSC Project Manager
George.Chow@dtsc.ca.gov; (510) 540-3879
- Nina Larssen, Presidio Trust Remediation Program Manager
nlarssen@presidiotrust.gov; (415) 561-5421