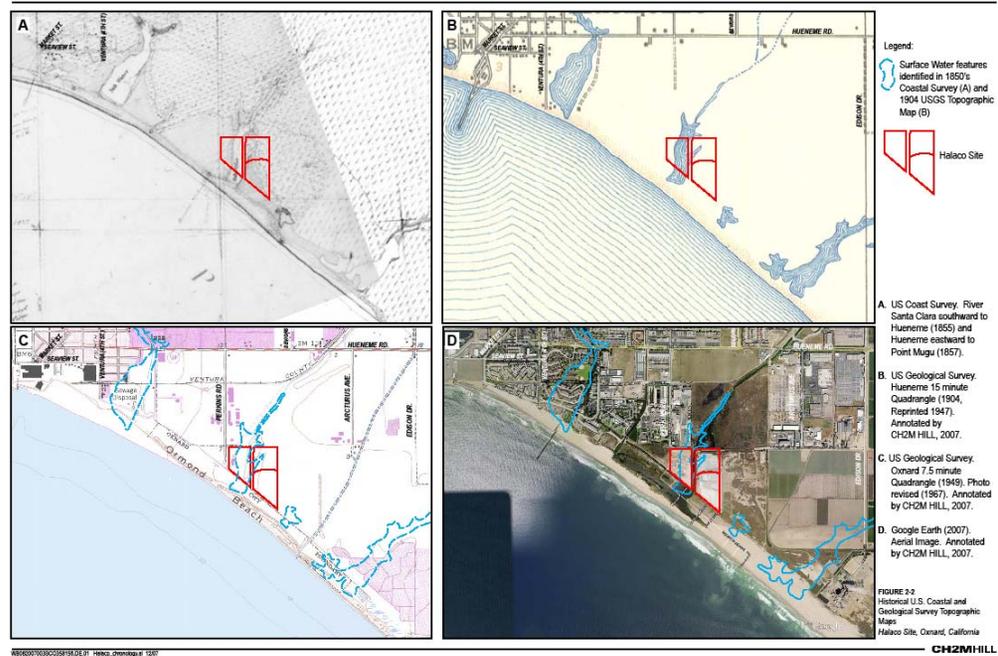


Halaco Engineering Co. Superfund Site:



Wayne Praskins
USEPA Superfund Program

Sept 2009



Halaco: EPA Update

- 2009-2010 Field Effort
- Building Repair or Demolition
- Site Security & Stormwater Controls





Halaco Engineering Co.

- Processed scrap aluminum, magnesium, and zinc, 1965-2004
- Produced approx. 700,000 yds³ of metal-bearing waste
- Most waste remains on the Halaco property; some wastes on TNC property, in OID sediments, groundwater





EPA Efforts

- 2006-2007: EPA completed emergency response work
- Sept 2007: Added Halaco Site to the Superfund List
- 2008-2009 EPA Completed Community Involvement Plan, Groundwater Study, Screening-level Risk Assessment, EPA Testing Plan, Sampling and Analysis Plan
- Ongoing: Assisting with site security and maintenance





Halaco: Why More Testing?

- Has contaminated groundwater traveled offsite?
- Are buried wastes still reactive and capable of generating ammonia and other gases?
- Are buried wastes in contact with and contaminating groundwater?
- Are the wastes contaminated with dioxins or other organic contaminants?
- Is there residual contamination from the fuels and oils that Halaco stored and used onsite?
- How much Halaco waste material is there in the sediments of the Oxnard Industrial Drain and Ormond Beach lagoon?
- What is the extent of contamination in the TNC property?



EPA Field Effort

- Expect to begin October 2009; continue through Spring 2010
- To include soil, soil gas, sediment, groundwater, surface water, air, and geotechnical testing
- Sampling and Analysis Plan available next week



EPA Field Effort :

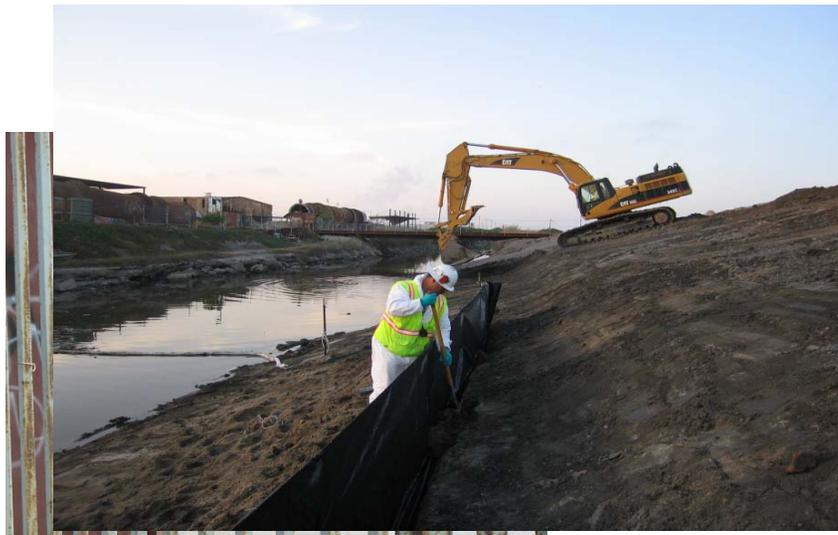
Summary of Planned 2009/2010 Testing

<u>Environmental Media</u>	<u>Area</u>	<u>Sample Locations</u>
Soil/Sediment	Smelter Parcel	47
“	Waste Management Area	31
“	TNC	81
“	OID and lagoon	40
“	Wetland and Beach	62
“	Other	18
Soil Gas	WMU and smelter	8
Surface Water	OID, lagoon, TNC	19
Groundwater	New wells and piezometers	20
Air	Sitewide	5



Halaco Security and Stormwater Controls

- Periodic EPA inspections
- Working with property owners to maintain security and stormwater controls
- EPA requiring property owner to prepare formal *Storm Water Pollution Prevention Plan*



Building Repair or Demolition

- EPA to repair or demolish buildings
- First need to complete building survey, engineering evaluation, contracting arrangements
- Tentative Start Date: January 2010



Questions?

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