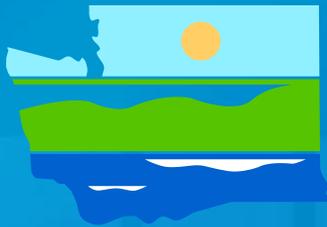


Tacoma Smelter Plume 2015 Yard Cleanups

July 23rd, 2015

Point Defiance Elementary School



DEPARTMENT OF
ECOLOGY
State of Washington

Topics

- Program overview
- Sampling and Cleanup Progress
- What to expect
- Q & A



Asarco Smelter



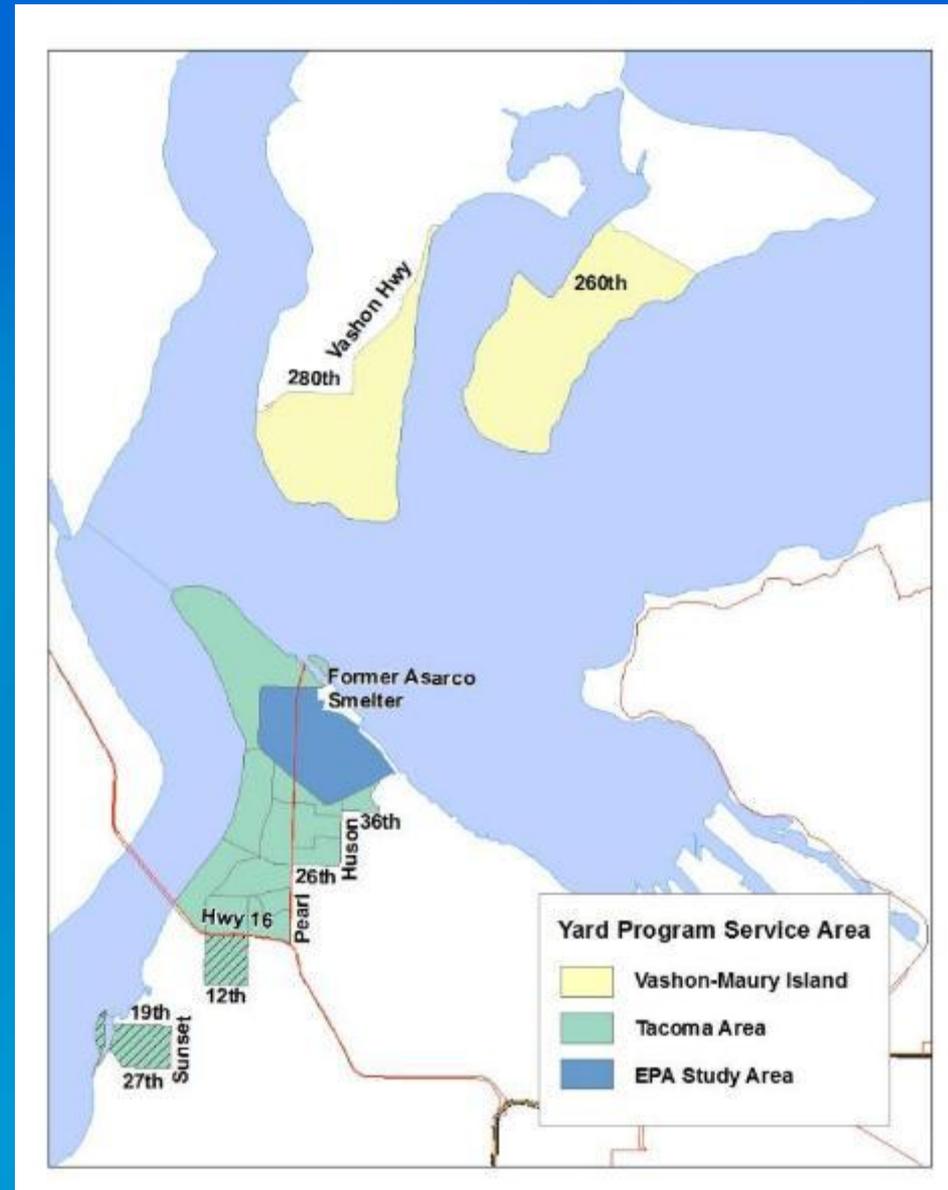
Asarco Smelter History

- **1986**: Smelter closed.
- **1993**: EPA yard cleanups began in north Tacoma and Ruston.
- **2009**: The state received settlement funds for cleanup.
- **2013**: Ecology's Yard Program begins work.

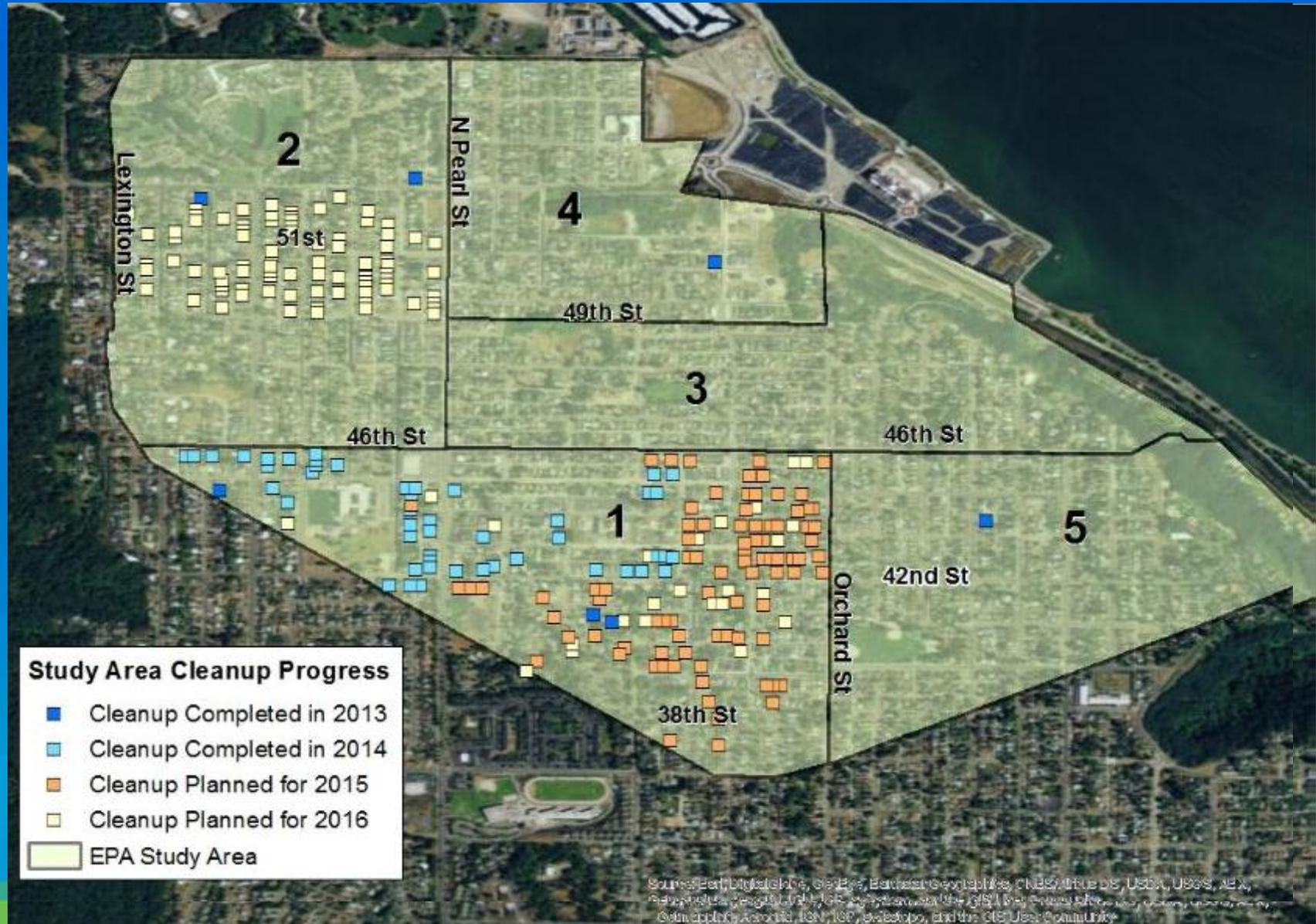


Yard Program

- State-led
- Voluntary
- Existing residential
- Arsenic action level = 100 ppm
- Lead action level = 500 ppm



Cleanup Progress – Study Area



Cleanup Schedule Tacoma & Ruston

2015

- Cleanup: 97 homes in Tacoma
- Sampling: 750+ homes in Tacoma

2016

- Cleanup: 100+ homes in Tacoma
- Sampling: Finish all sampling

2017 - 2023

- Cleanup: Continues in Tacoma

What to expect during construction

Schedule:

- Start in August or September
- Complete in 2015

Work Hours:

- 8:00 am-5:00 pm
- Monday through Friday



- Construction fences will be remain up until projects are complete

Traffic and Noise

Trucks & equipment:

- Parked overnight

Construction noise:

- Beeping
- Staff talking
- Equipment

Cars parked on street

- During construction sidewalk and driveway access may be restricted



Construction Sites

Piles of soil in yard

Construction fencing:

- Chain link
- Orange safety

Stormwater controls:

- Straw wattles
- Silt fence
- Plastic sheeting

Signs with Ecology's contact information



2014 Property Cleanup



Baltimore and Optimist Parks



Baltimore Park

Optimist Park



Please call us if you see...

- Mud or water running off property
- Dust in the air
- Soil on the sidewalk or street



Tacoma Smelter Plume Project

Line

(360) 407-7688

Press 2 for Tacoma Smelter Plume

Staff will return calls within 1 business day



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Arsenic in Soil Database



Project Information

Arsenic and lead in the soil

The mining company Asarco once operated two copper smelters in Washington State; in Everett and Tacoma. Emissions of arsenic and lead contaminated soils for miles around the former stacks.

The [Tacoma Smelter Plume](#) covers 1,000 square miles of King, Pierce, and Thurston counties. Ecology and [EPA](#) have been cleaning up yards and play areas in Tacoma since 1993. The [Everett Smelter](#) contaminated a one square mile area in north Everett. Ecology has been cleaning up yards in Everett since 1999.

[Information about
arsenic and lead](#)

[Healthy Actions](#) to
reduce contact
with soil

[Contact](#)
[Leslie Goodwin](#)
360-407-6248

Search here for soil sampling results and cleanup records!

Right now, the database only has records for 2,000 properties in Ruston and north Tacoma.

1. Enter your address or parcel number and click "search."
2. You will see a map of the area.
3. The property you searched for should be in the center of the screen. Click on the dot, check the address and see what records are available.

I can't find my property/I live outside of north Tacoma

Within the next year, we plan to add records for the Everett smelter cleanup and more areas of the Tacoma Smelter Plume.

Search for a Property

(do not include the city or state)

- OR -

Arsenic in Soil Database

Information:

- Results map & letter
- Cleanup documentation
- Out of program letters



Soil Sampling and Health Questions

Contact

Jeremy Bush

Email: jbush@tpchd.org

Phone: (253) 255-8135

Website: www.tpchd.org/DirtAlert



Questions?



Contact

Amy Hargrove, Remediation Manager

Email: Amy.Hargrove@ecy.wa.gov

Phone: (360) 407-6762

Crescent Calimpong, Outreach Coordinator

Email: Crescent.Calimpong@ecy.wa.gov

Phone: (360) 407-6790

Website: ecy.wa.gov/toxics/tacoma-smelter.html