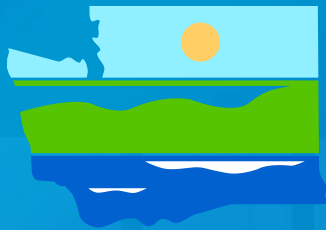


# Tacoma Smelter Plume 2015 Yard Cleanups

**August 4<sup>th</sup>, 2015**

**Ober Park Performance Room**



DEPARTMENT OF  
**ECOLOGY**  
State of Washington

# Topics

- Timeline
- Prepare yard area
- Maintain access
- Safety
- Lawn care
- Project Line



Asarco Smelter, Ruston, WA

# Yard Program: Cleanup Progress

2015

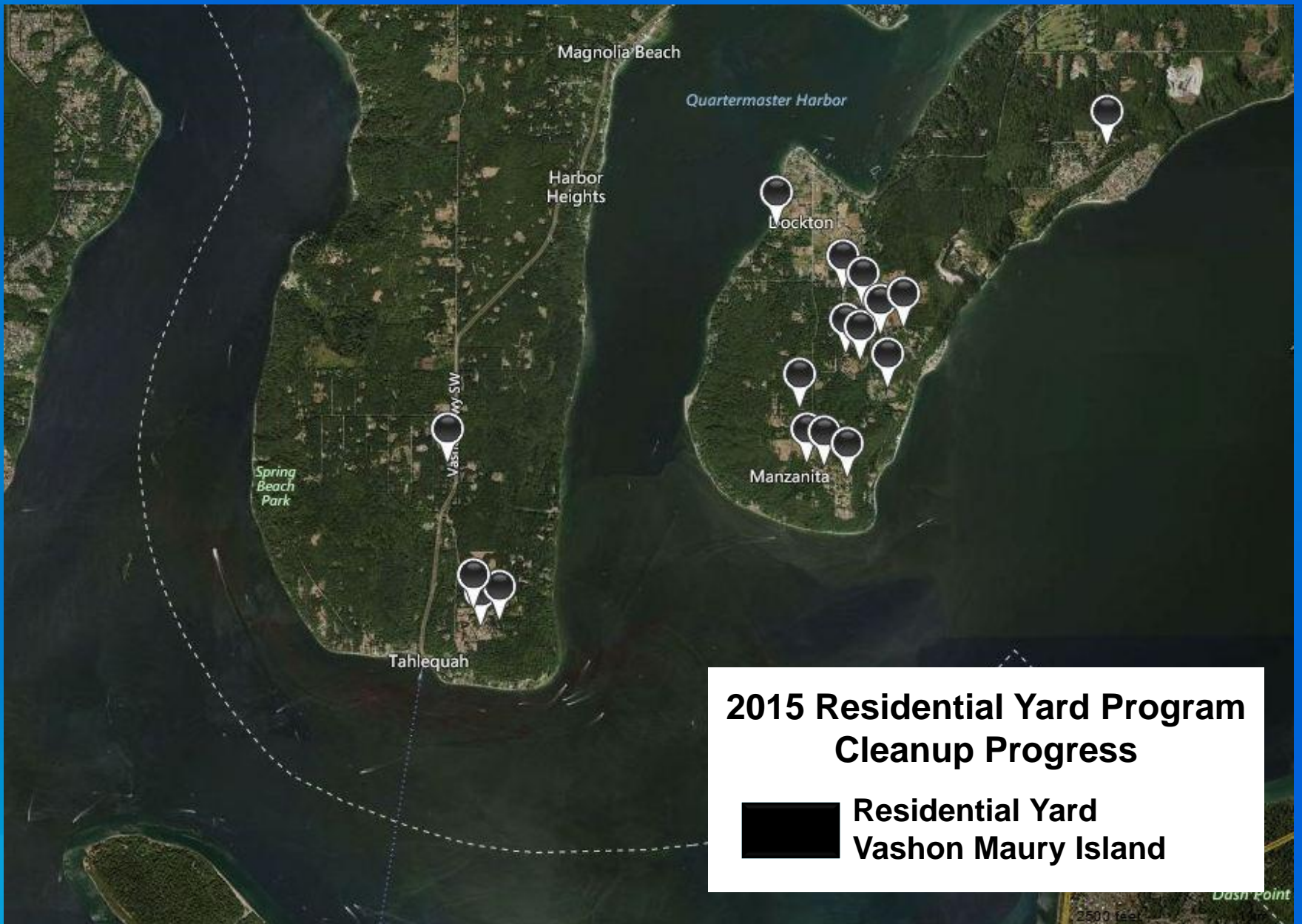
- Cleanup: 17 homes in Vashon.

2016

- Cleanup: 11+ homes in Vashon.
- Sampling: Next round.

2017 - 2023

- Cleanup: Finish.
- Sampling: Finish.



# Timeline

Hire contractor (Early August)

Notify homeowner (One week notice)

Site walk through (Before cleanup starts)

Soil cleanup and restoration (3 to 6 weeks)

Lawn maintenance (60 days)



# Prepare yard for cleanup

Complete yard work

Clear personal items:

- Children's play equipment
- Lawn furniture
- Potted plants
- Gardening tools
- Other misc. items



# Maintain Access

- Driveways
- Parking
- Walk ways
- Side yards
- Fences
- Gates
- Alley





# Safety

- Make accommodations for pets and livestock.
- Stay out of fenced area and off equipment.
- Call us immediately if you have any safety concerns.



# What to expect during construction

## Schedule:

- Planned start in 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 driveway access may be restricted



# Construction Sites

Piles of soil in yard

Construction fencing:

- Chain link
- Orange safety

Stormwater controls:

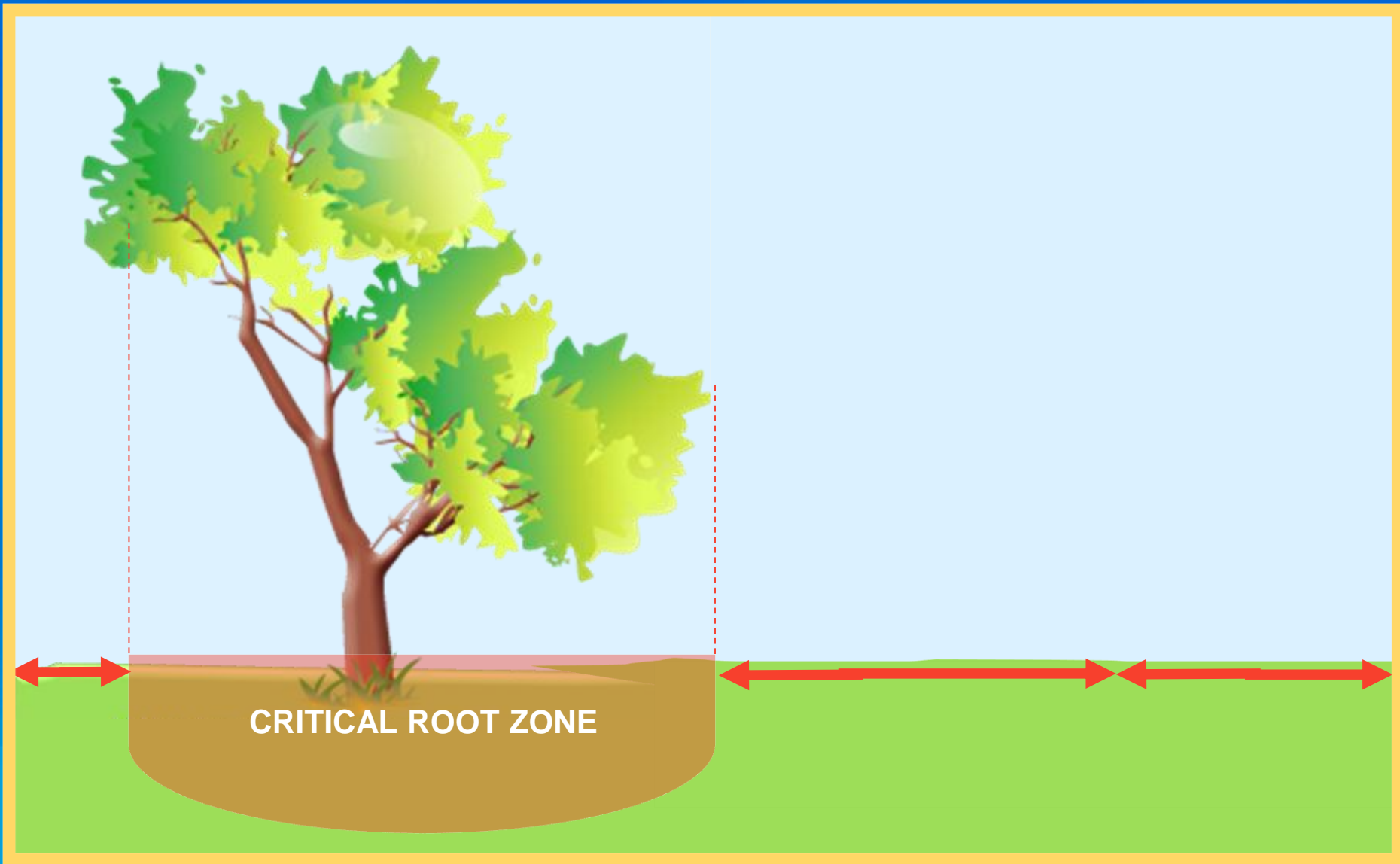
- Straw wattles
- Silt fence
- Plastic sheeting



# 2014 Property Cleanup



# Tree Critical Root Zones



# Lawn Care

Contractor cares for lawn and plants:

- 60 days



Homeowner maintains lawn



New lawn  
is planted

**Contractor**  
cares for lawn  
plants.

**Homeowner** cares for  
lawn and landscape.  
Ecology warranty in place.

**Ecology** completes  
final inspection  
of lawn.

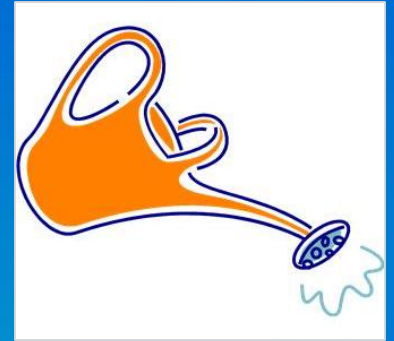
60 days

1 year

# On-going lawn care

Homeowner cares for new lawn:

- Water new plants or grass
- Weed regularly
- Replenish mulch
- Add fertilizers as needed
- Pick up pet waste



Call Ecology immediately if you notice a problem with your plants or lawn.



# Please call us if you see...

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



# When to call Ecology...



## Before Cleanup

- Questions about what items to move
- Questions about timeline



## During Cleanup

- Questions about schedule
- Questions about work details



## After Cleanup and Restoration

- Dead grass, rolled up sod, puddles on grass
- Soft or settled soil

Tacoma Smelter Plume Project

Line

(360) 407-7688

Press 2 for Tacoma Smelter Plume

Staff will return calls within 1 business day



DEPARTMENT OF  
**ECOLOGY**  
State of Washington

# 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



# Field Coordinator



**John Deeds**  
GeoEngineers  
[jdeeds@geoengineers.com](mailto:jdeeds@geoengineers.com)  
(253) 383-4940

# Health Questions

## Contact

Denise Sharify

Email: [Denise.Sharify@kingcounty.gov](mailto:Denise.Sharify@kingcounty.gov)

Phone: (206) 263-1399

Website: <http://dirtalert.info/>

<http://www.kingcounty.gov/healthservices/health/ehs/toxic/TacomaSmelterPlume.aspx>



# Questions?



## Contact

Crescent Calimpong, Outreach Coordinator

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Phone: (360) 407-6790

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Email: [Amy.Hargrove@ecy.wa.gov](mailto:Amy.Hargrove@ecy.wa.gov)

Phone: (360) 407-6762

Website: [ecy.wa.gov/toxics/tacoma-smelter.html](http://ecy.wa.gov/toxics/tacoma-smelter.html)