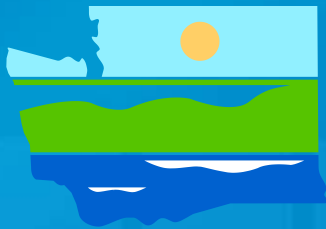


Tacoma Smelter Plume 2014 Yard Cleanups

June 17th, 2014

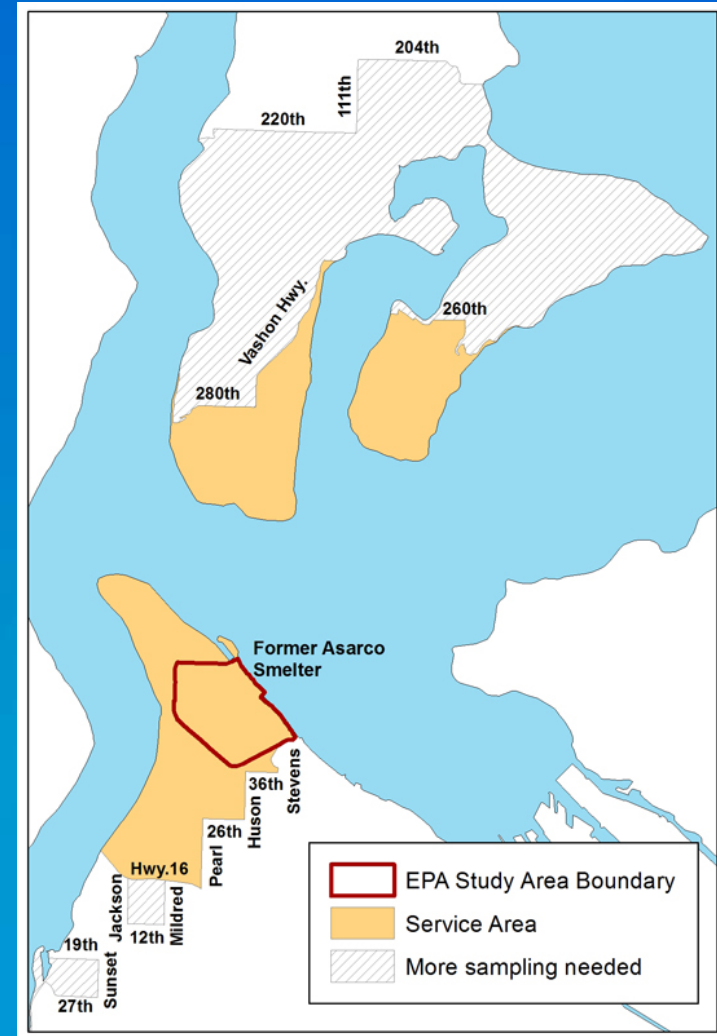
Point Defiance Elementary School



DEPARTMENT OF
ECOLOGY
State of Washington

Topics

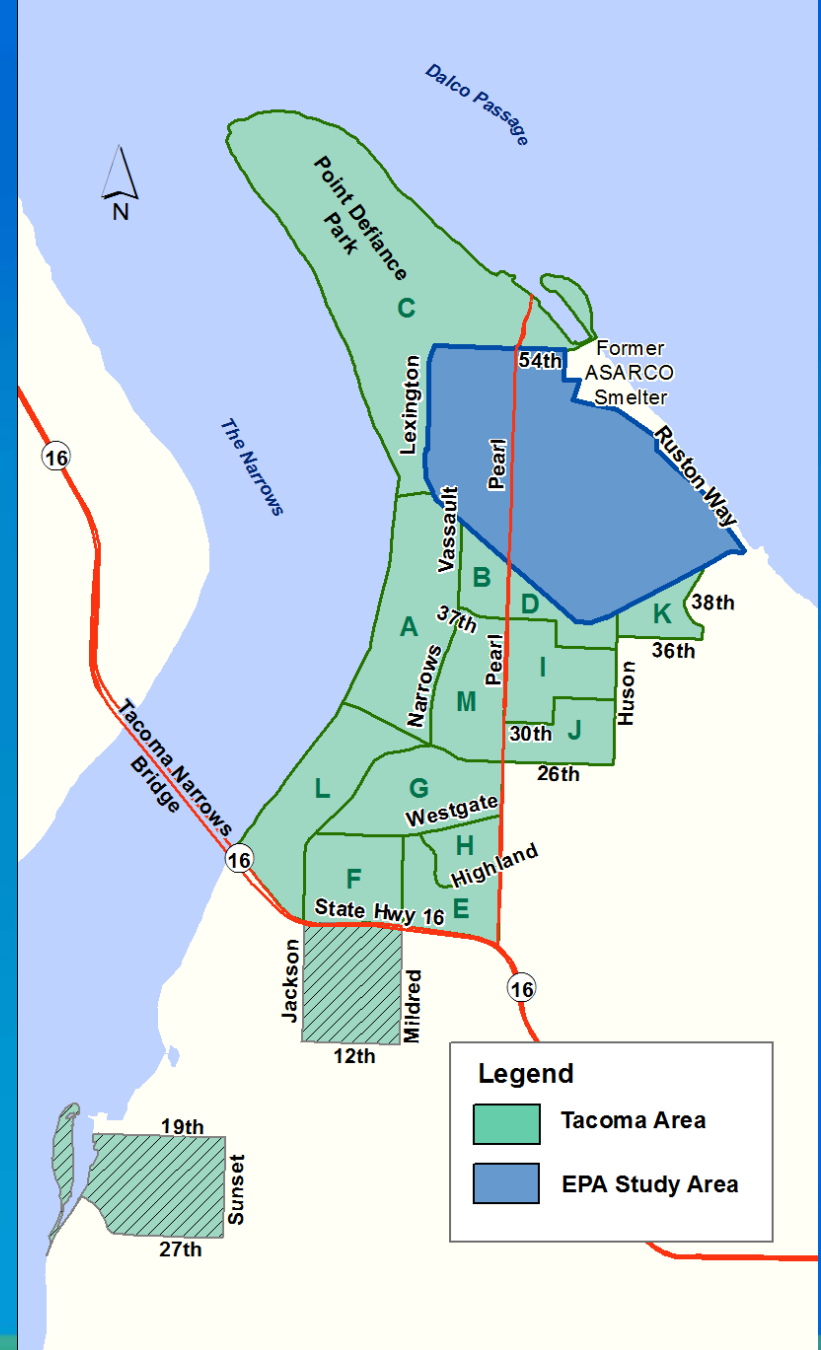
- Program overview
- Cleanup progress
- Upcoming work
- What to expect



Yard Program

- State-led
- Voluntary
- Existing residential

- Arsenic action level
= 100 ppm
- Lead action level
= 500 ppm



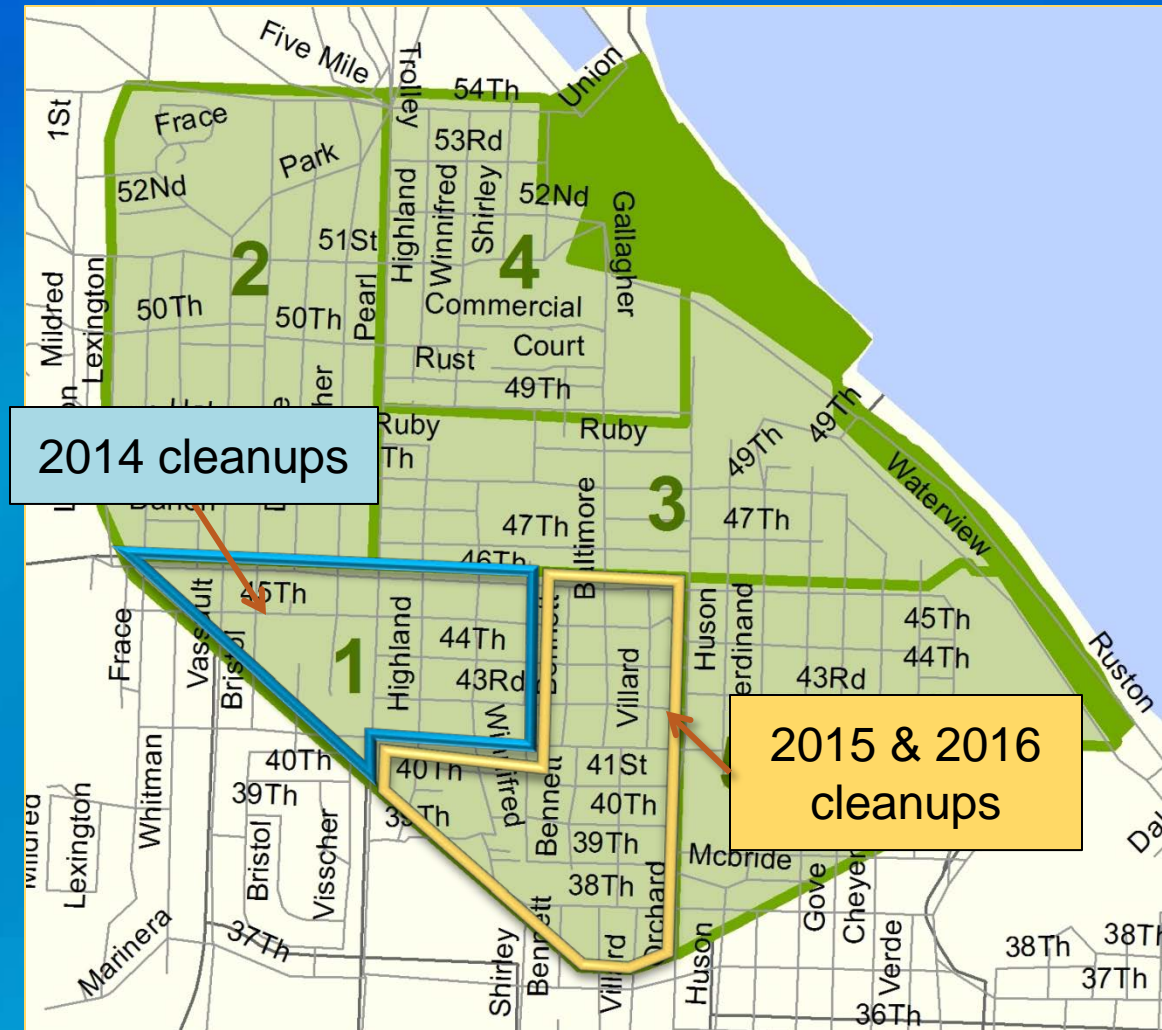
Cleanup Progress – Study Area

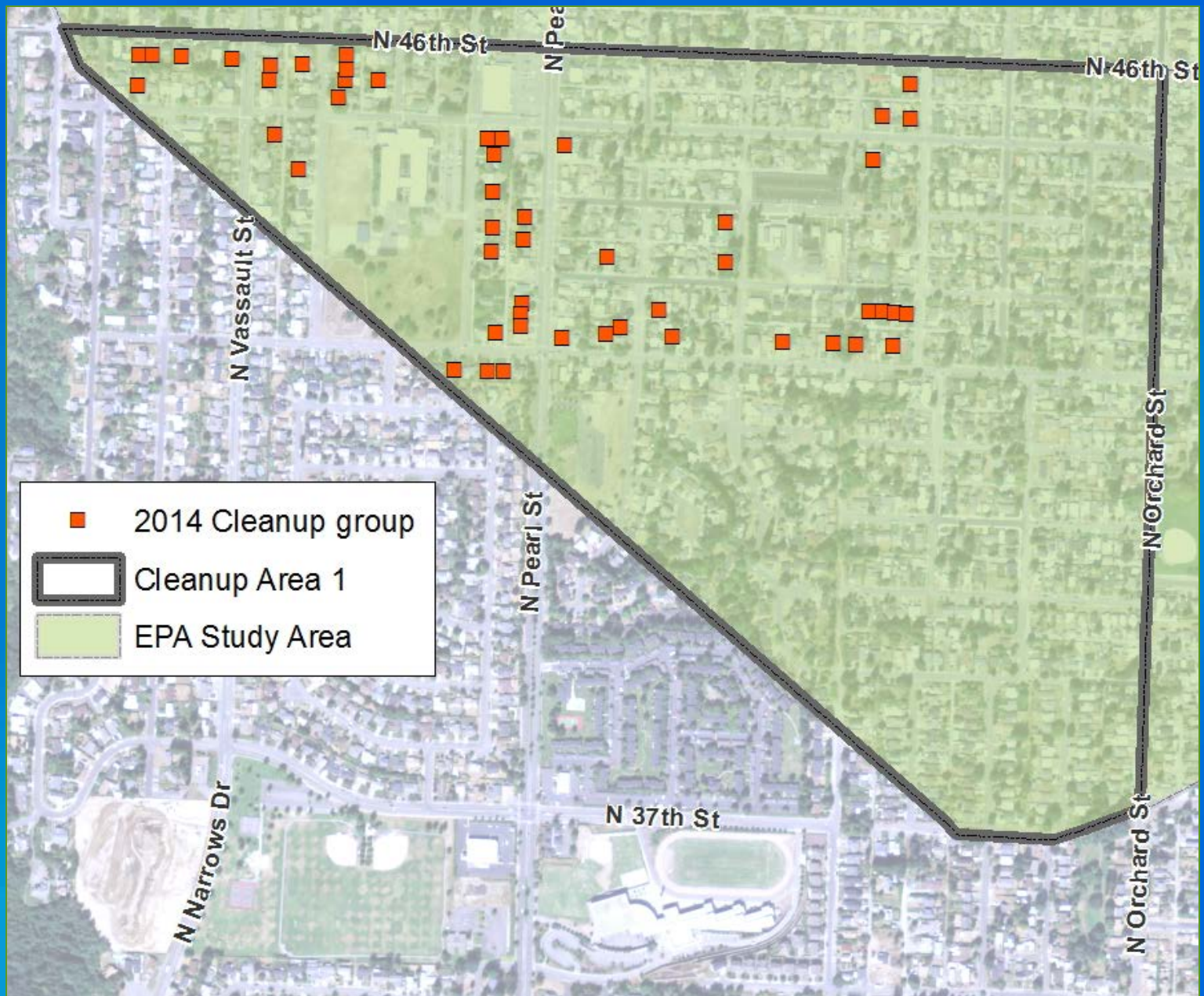
Completed:

- Eight yards in 2013

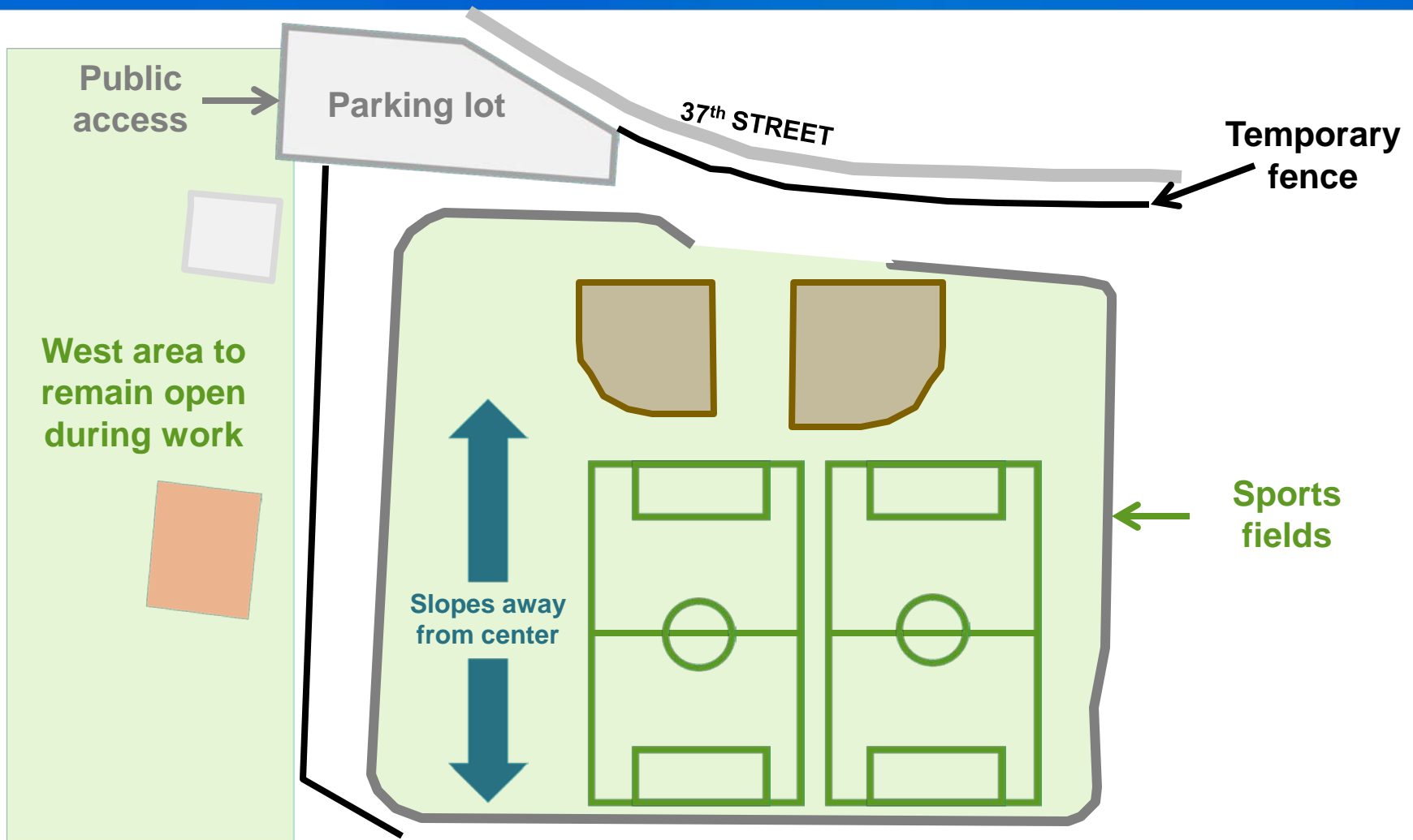
Upcoming:

- 54 in 2014
- 50-60 in 2015





Vassault Park Cleanup 2014



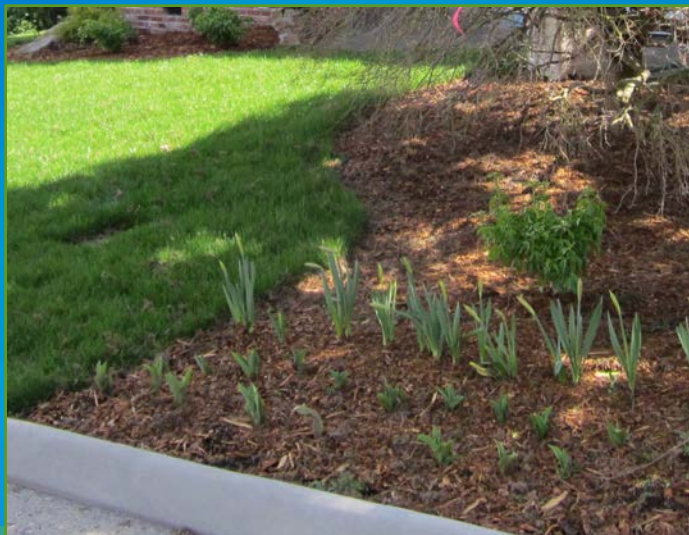
Soil Removal



Soil Backfill



Landscape Restoration



What to expect during construction

Schedule:

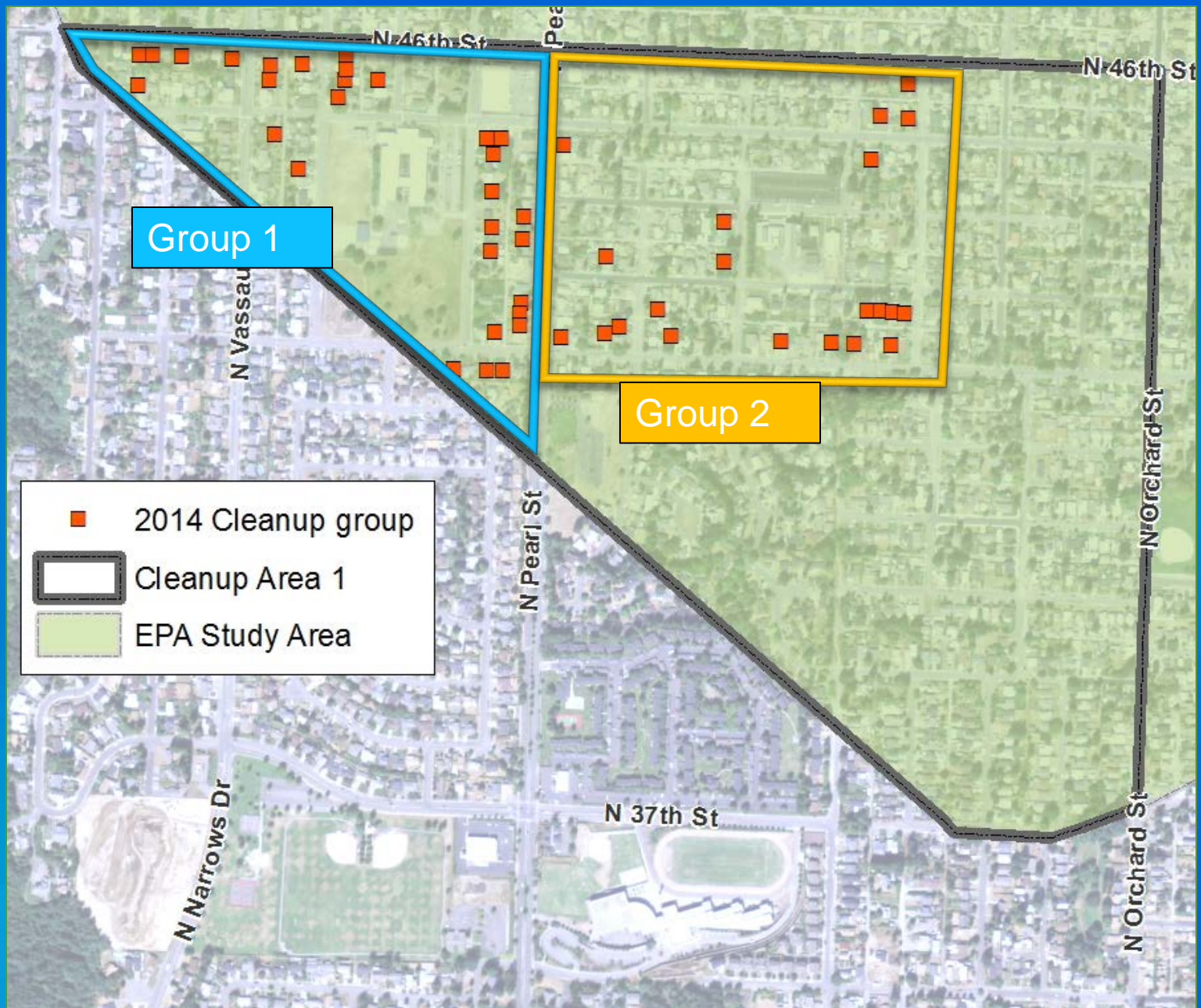
- Start in July or August
- Complete in Fall 2014

Work Hours:

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

2 – 3 weeks to complete
each property





Traffic and Noise

Trucks & equipment:

- Parked overnight

Construction noise:

- Beeping
- Staff talking
- Equipment

Cars parked on street



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



Please call us if you see...

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



Topics

Part 2: Homeowners in 2014 Cleanup Group

- Timeline
- Prepare yard area
- Maintain access
- Safety
- Lawn care
- Hotline



Timeline

Hire contractor (Mid-July to early August)



Notify homeowner (One week notice)



Site walk through (Before cleanup starts)



Soil cleanup and restoration (2 to 3 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
- Keep kids away from equipment and cleanup area
- Call us immediately if you have any safety concerns.



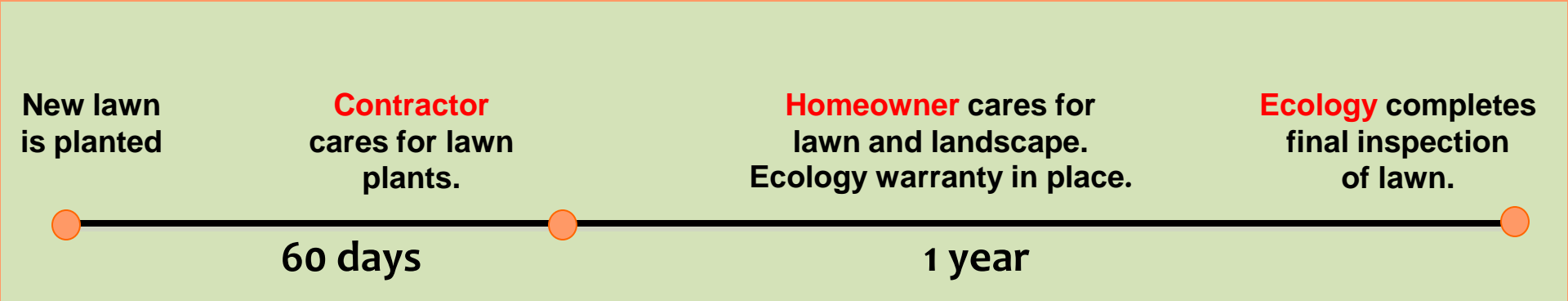
Lawn Care

Contractor cares for lawn and plants:

- Until new lawn is established
- Estimated 60 days



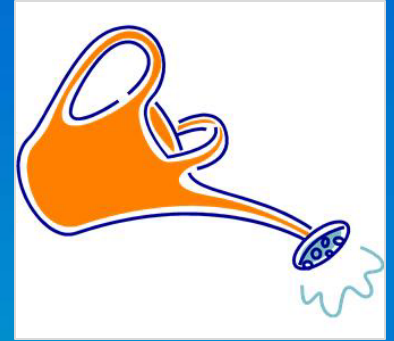
Homeowner maintains lawn



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.

When to call Ecology...



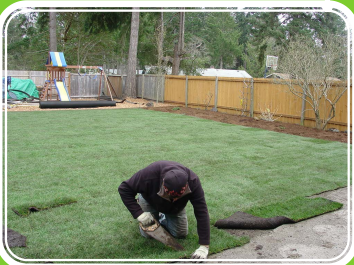
Before Cleanup

- 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 Hotline

(360) 407-7688

Press **2** for Tacoma Smelter Plume

Staff will return calls within 24 hours



DEPARTMENT OF
ECOLOGY
State of Washington

Questions?



Contact

Steve Needles, Field Coordinator

Email: Steve.Needles@ecy.wa.gov

Phone: (360) 407-0242

Aaron Waggoner, Field Coordinator

Email: Awaggoner@geoengineers.com

Phone: (253) 722-2449

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

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 -

Soil Sampling and Health Questions

Contact

Glenn Rollins

Email: Grollins@tpchd.org

Phone: (253) 798-3503

Website: www.tpchd.org/DirtAlert



Questions about Vassault Park?

Contact

John Zinza, Project Manager

Email: John.Zinza@ecy.wa.gov

Phone: (360) 407-6249

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

