

Federal Cleanup Sites With PCBs In The Spokane River Watershed

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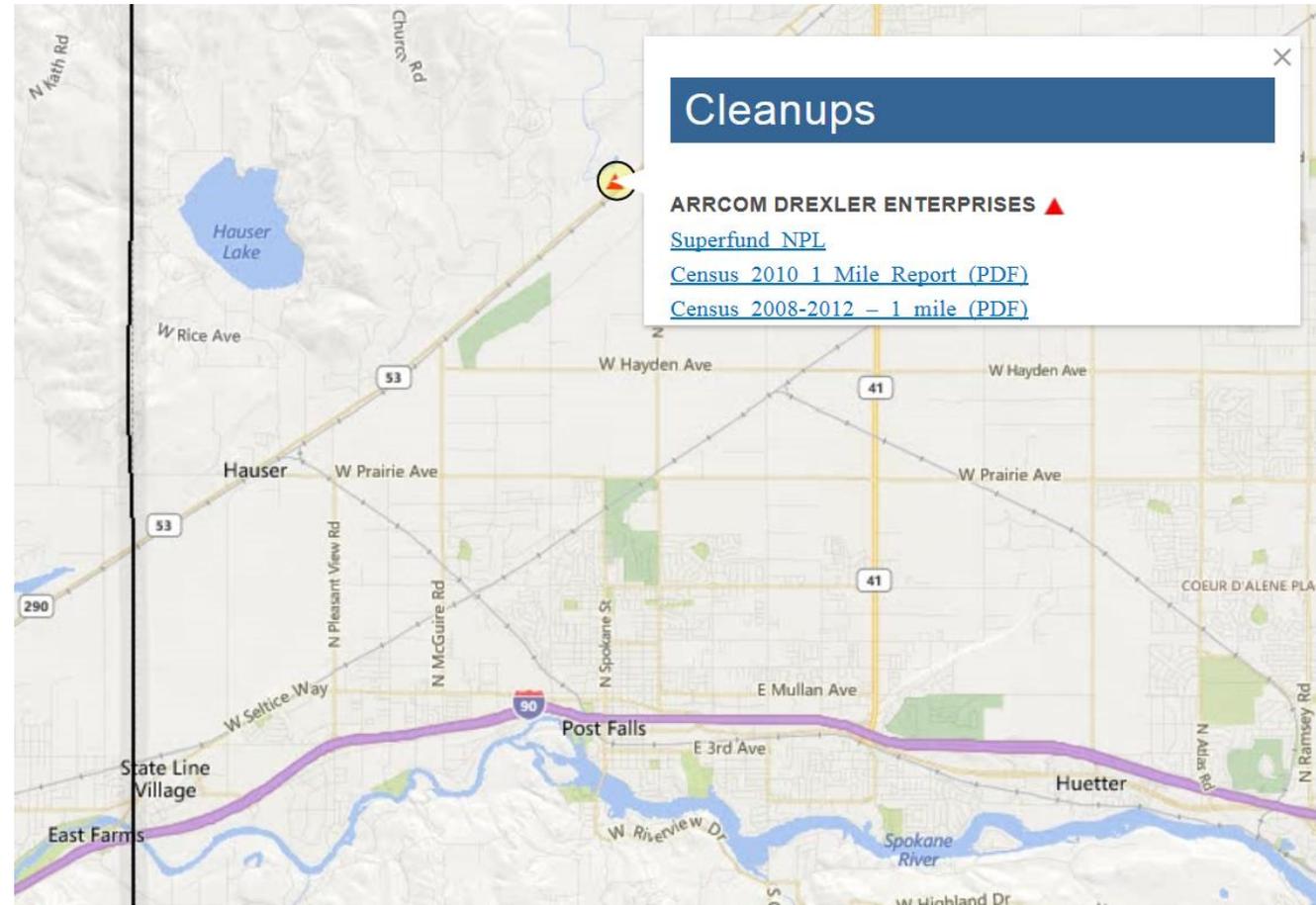
EPA Region 10



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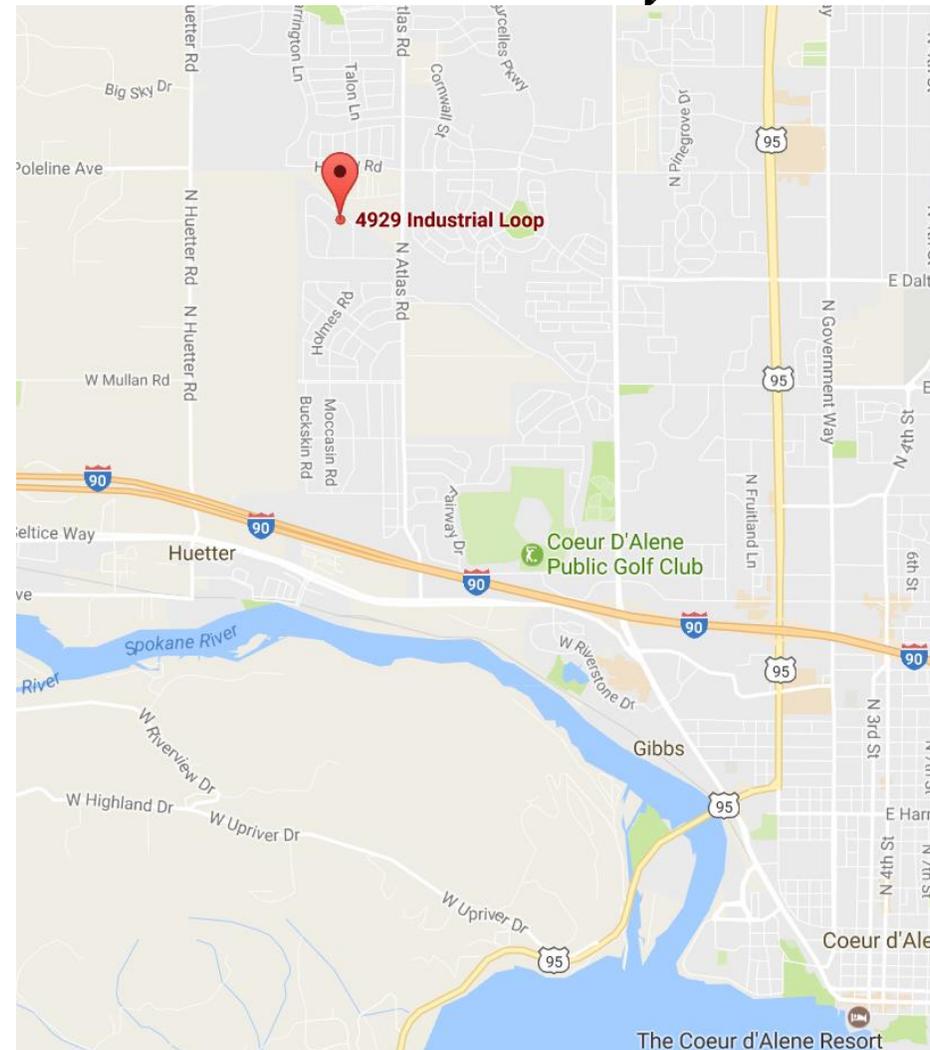
Arrcom (Drexler Enterprises) Rathdrum, Idaho

- From 1960 until the facility was abandoned in 1982, ARRCOM operated a waste oil recycling facility on-site.
- The waste oils contained a variety of organic solvents, lead and polychlorinated biphenyls (PCBs).
- Following cleanup, EPA removed the site from the Superfund program's National Priorities List (NPL) in 1992.
- Remaining PCBs:
 - Surface soil: 1 detection at 0.075 mg/kg
 - Pit borings: 0.018 – 0.041 mg/kg.
 - Most results non-detect.
 - PCBs not detected in groundwater (at 1 µg/L)



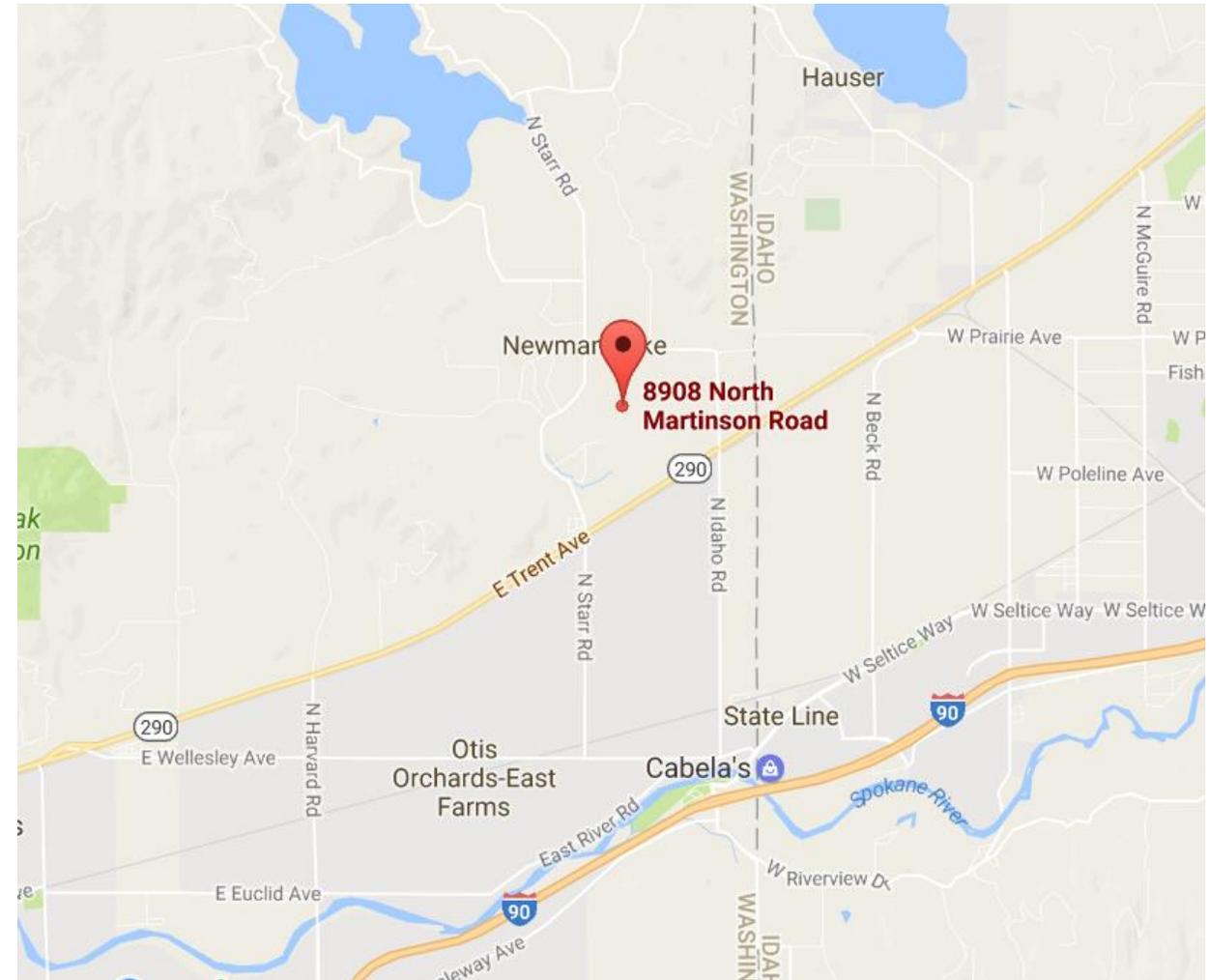
Thorco Transformers, Coeur d'Alene, Idaho

- In March 2003, four transformers were improperly disassembled for salvage.
- Some transformer oil may have been burned in a drum to remove insulation from copper wire.
- Before removal:
 - Aroclor 1260:
 - 5.6 – 63.4 ppm in oil
 - 0.05 – 0.25 ppm in soil
- Materials removed:
 - Transformer parts and other PCB debris.
 - PCB-contaminated soil.
 - PCB transformer oil.
 - Lead-contaminated soil.
- Post-removal confirmation sampling showed no detectable PCBs in soil (< 0.05 ppm).



Former Fairchild Atlas E Missile S-2 Site, Newman Lake, WA

- Used by the U.S. Air Force (USAF) as a an Atlas E intercontinental ballistic missile facility between 1959 and 1966.
- Materials used stored and disposed of included solvents, degreasers, transformer fluids (PCBs), diesel oil, rocket propellant number 1 (RP-1) fuel (kerosene), lubrication oil, hydraulic fluids, and nickel-cadmium batteries.
- Site was “inspected” in 2011, but the current property owner did not grant access.
 - Nearby groundwater and stream sediment were sampled.
 - PCBs (Aroclors) not detected in groundwater or sediment.
 - Contract-required quantitation limits: 1.0 µg/L in water and 33 µg/kg in soil.



Washington Chemical, Inc., Spokane, WA

- Operated under a RCRA permit issued by Ecology as a solvent recycler and dangerous waste fuel blender starting in 1984.
- Owner pled guilty to lying to government investigators about disposal practices in 2003.
- 1995 Site Assessment:
 - More than 1,000 drums at the site.
 - Most stored outside and exposed to the elements.
 - Some corroding, bulging, and/or leaking.
 - One drum sample had PCB-1254 at 4.9 mg/kg.
 - Soil from a dry well
 - 0 – 2 ft BGS: 0.27 mg/kg PCB-1260
 - Also had semivolatiles.
 - 2 – 2.5 ft. BGS: 0.22 mg/kg PCB-1260
- 2000 enforcement action:
 - Stained soil tested for PCBs; not detected (<0.56 mg/kg).

