



DEMOLITION SERVICES

The majority of Northwest Demolition's projects are industrial in nature. Industries served include:

- Manufacturing
- Refining (petroleum, chemical)
- Mining and metals
- Power and energy

Over the decades we have tuned our skillset to meet the needs of our industrial customers.

These customer requirements are:

- A non-negotiable commitment to safety with a zero incident goal on every project.
- Working within an operating facility and around customer personnel and production systems.
- Management and handling of a full array of waste projects.
- The need to produce work schedules to coordinate and sequence with their production, safety and environmental goals.
- Providing realistic scheduling milestones and meeting deadlines.



Example Industrial Demolition Projects



Smelter Modernization Project

Massive two-year project with a team of up to 230 personnel and 40 pieces of heavy equipment to clean, demolish, and remediate a facility of over one million square feet. The project became more difficult due to an adjacent operating facility and linked systems/utilities which needed to remain operational. In addition, the remote location and harsh climate made equipment maintenance, productivity, and safety a challenge.



SAFETY
QUALITY
VALUE



Honolulu Oil Terminal Demolition

We were selected for this job based on our safety record and extensive experience working within the petrochemical industry. The work in congested Honolulu involved the removal of an entire tank farm system. This included the load racks, concrete containment system, warehousing, network of underground petroleum piping, and a massive tank farm, the largest of which was more than 5 million gallons.



Marine Terminal Demolition

This project involved the removal of approximately 250,000 square feet of warehouse built upon a debilitated dock structure. Due to the poor condition of the dock structure, the risk of structural collapse was ever present. Following extensive asbestos abatement, over two million board feet of structural timbers were salvaged from the project.



Chemical Weapons Facility Demolition

Northwest Demolition was contracted to complete a full removal of the agent disposal system at the Umatilla Army Depot. The 60,000+ tons of debris generated within the demolition was regulated as a Hazardous Waste and hauled under manifest to a Subtitle C disposal facility. In order to meet the aggressive schedule, we mobilized more than 12 pieces of heavy equipment. The project was completed ahead of schedule with no lost time injuries.



Commercial Nuclear Containment Structure Demolition

We were retained to demolish the reactor containment building from the Trojan Nuclear Plant. A somewhat unique structure, the containment building was 125 feet wide by 203 feet tall and contained 1,000 tons of post tensioned tendons. The miles of tendons were contained within sheathing that was filled with a petroleum-based corrosion inhibitor. We selected a bottom up demolition technique, allowing the separation of the tendons, the thousands of gallons of corrosion inhibitor and the 22,000 tons of concrete. Continuous seismic monitoring ensured safety of the nuclear fuel stored onsite just a few hundred feet away.

