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## ENVIRONMENTAL SERVICES

*Industrial structures frequently require decontamination / dismantling / demolition. In addition, industrial real estate commonly has a legacy of contamination.*

*To respond to these challenges, Northwest Demolition has developed a staff of professionals that can develop and manage the necessary plans to safeguard the client while ensuring project performance.*

*We use practical approaches gained from decades of working in and around structures and sites that are contaminated with everything from asbestos, lead, mercury, nuclear products, chemical weapons, chemicals, bulk products, fuels and by-products of combustion.*

*We regularly team with national consulting firms who provide expert support for regulatory compliance. Our operations personnel are some of the most experienced and well trained in the industry, participating in ongoing specialty training.*

### Example Remediation Projects

#### **Remote Location Soil Remediation**



Northwest Demolition was selected in a best value proposal for the multi-year cleanup of contaminated soils and structures on Midway Island, by the Fish and Wildlife service. The work involves the onsite remediation of approx. 50,000 cubic yards of metals (predominantly lead) contaminated soils. This remediation is performed with the in-situ mixing of a patented stabilization chemical. In addition, the work involves the creation of an on-island depository (landfill), the excavation of the remediated soils, and the placement of these materials into the landfill structure. Each season's work can only be accomplished once the million or so albatross that inhabit the island leave for their annual migration (3 month season). Other scope includes demolition, lead/asbestos abatement and painting of various structures. The remote location of Midway makes the logistics particularly challenging. The entire work process and schedule is designed around the concept of minimal interaction with the on-island wildlife.



**SAFETY  
QUALITY  
VALUE**



### ***High Tech Facility Decontamination/Interior Demolition***

Northwest Demolition was contracted to manage the decontamination and interior demolition of a 200,000 square foot high-tech assembly plant. To allow the conversion of the facility to office/warehousing for a Fortune 50 business, the structure had to be sanitized to an almost new condition. The work involved the complete removal of all interior finishes, mechanical and electrical components and various other improvements. The building was contaminated with ultrafine lead dust, thus, the project was completed under negative air containment. Following the decontamination/demolition efforts, Northwest Demolition performed various site improvements, such as floor grinding and roofing/aperture repair.



### ***Pesticide Manufacturing Facility Demolition***

This site housed a former pesticide manufacturing and storing facility. Several structures and site features were demolished in the work. Arsenic contamination was prevalent throughout the site materials, hence, all demolished materials were managed as RCRA hazardous waste. All materials leaving the site were transported under manifest to a regional subtitle C landfill. Northwest Demolition worked with the owner, the owner's environmental consultant, and the disposal facility to manage wastes controlled by assorted regulations (e.g., asbestos-bearing materials with arsenic contamination). Extensive site controls were implemented, including control of rainwater landing on the footprint of the buildings (catchment and treatment of all such liquid).



### ***PCB-Contaminated Aluminum Rod Mill Decontamination/Demolition***

This project involved the dismantling and decontamination of a PCB-contaminated rod mill plant. This work involved the total demolition of certain portions of the site's infrastructure and the interior demolition of facility improvements within several large buildings. All the steel was decontaminated, tested, inventoried, then transported to a local steel recycler where it was remelted within 48 hours of receipt. Decontamination fluids were shipped off site for disposal.

