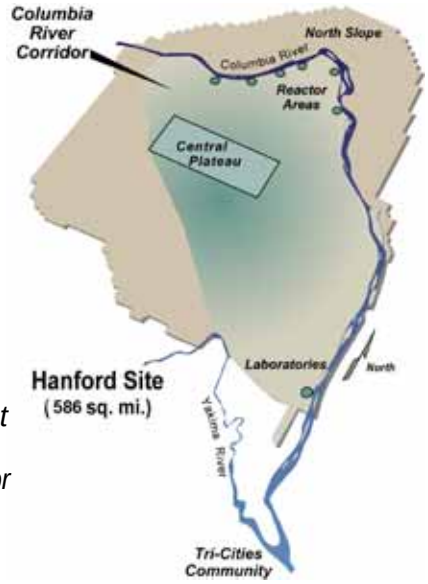
Who's Who at Hanford

Restore the River Corridor - Transition the Central Plateau - Prepare for the Future

Background

The Hanford Site, a 1,518-square kilometer (586-square mile) tract of land, was established during World War II to produce plutonium for America's nuclear weapons arsenal. The site reached peak production in the 1960s when nine reactors were in operation at the Hanford Site. The Department of Energy halted weapons material production in the late 1980s and is now engaged in the world's largest environmental cleanup effort to deal with the legacy of radioactive and hazardous wastes that resulted from the plutonium production era.

The Hanford Site has three separate DOE offices. The DOE Office of River Protection (ORP) manages the program to remove the waste from the tanks, vitrify the waste (turn it into stable glass logs) for long-term storage or disposal, and close Hanford's tank farms. The DOE Richland Operations Office (RL) oversees the bulk of cleanup, including plutonium stabilization, cleanup of contaminated soil and buildings, stabilization and storage of spent nuclear fuel, and waste treatment and disposal. The DOE Pacific NorthWest Site Office (PNSO) oversees science and technology programs at the Pacific Northwest National Laboratory. This fact sheet identifies the contractors for Hanford's major programs.



Battelle Memorial Institute

Battelle Memorial Institute (Battelle) of Columbus, Ohio, operates DOE's Pacific Northwest National Laboratory (PNNL), whose core mission is to deliver environmental science and technology in the service of the nation. The Laboratory is also a major player in the area of national security and draws on its environmental strengths to meet selected energy, national security, and human health needs. PNNL, one of DOE's nine national laboratories, was created in 1965 when the government's research laboratory was separated from Hanford Site operations. At that time, Battelle invested in a private research facility south of the Hanford Site that was combined with existing government facilities in a consolidated laboratory. Today, Battelle scientists conduct more than 2,000 research projects annually for DOE programs, other government agencies, and industry clients. DOE's newest user facility, the William R. Wiley Environmental and Molecular Science Laboratory, is located within the PNNL complex.

Bechtel National, Inc.

Bechtel National, Inc. (BNI) is ORP's contractor for designing, building, and starting up a waste treatment facility that will transform liquid radioactive waste into a stable glass form. The waste is currently stored in 177 underground tanks. The waste will be treated and converted to a glass waste form in a process known as vitrification. Once immobilized, the high-level radioactive waste will be shipped to a federal geological repository for permanent disposal. The low-level radioactive waste will be disposed of at the Hanford Site.

CH2M HILL Hanford Group

CH2M HILL Hanford Group (CHG) is ORP's prime contractor for storing and retrieving for treatment approximately 53 million gallons of high-level radioactive and hazardous waste stored in 177 underground waste storage tanks. CHG's role also includes characterizing and delivering the waste to BNI for vitrification.

CHG will be responsible for treated waste storage until permanent disposal facilities are available.

Fluor Hanford, Inc.

Fluor Hanford, Inc. (FHI) is RL's prime contractor for the remainder of Hanford cleanup. FHI is managing and integrating a full range of work including moving spent nuclear fuel, deactivating and decommissioning the Plutonium Finishing Plant, managing waste, protecting groundwater, and remediating waste sites in the central plateau. FHI also provides site-wide services, including security, emergency preparedness, fire protection, materials procurement, and essential infrastructure services including utilities, facility maintenance, real estate and site planning, emergency response, property management, fleet and transportation operations, and crane and rigging.

FHI leads a team of subcontractors and affiliate companies providing special expertise to specific projects and activities. They are:

- Framatone, ANP: Major focus is supporting the removal and placement of spent nuclear fuel in dry interim storage of reactor fuel.
- Duratek Federal Services of Hanford, Inc. (DFSH): Provides management technical professional support for waste management, analytical services, environmental management, corrective action management, and waste services.

Who's Who at Hanford

- Numatec Hanford Corporation (NHC) provides engineering and project management services and technical expertise.
- Day & Zimmermann Protection Technology Hanford (PTH) provides management, operation, and integration of safeguards and security services.

Washington Closure Hanford

Washington Closure Hanford (WCH) is RL's prime contractor for environmental restoration at the Hanford Site. WCH's major project management tasks include cleaning up waste sites, decontaminating and decommissioning former production reactors and surplus facilities, and disposing of contaminated waste.

AdvanceMed Hanford

AdvanceMed Hanford (AMH) provides occupational medical services to DOE and site contractors. AdvanceMed is responsible for medical monitoring and qualification examinations, medical surveillance, diagnosis and treatment of injury or illness, monitored care, legacy health issues, employee counseling and health promotion, occupational health process improvement, records management, emergency and disaster preparedness, health care cost management, field/facility visits, case management, records and data extraction, other occupational medical services, reporting, and supporting transition.

U.S. Fish and Wildlife Service

The U.S. Fish and Wildlife Service (USFWS) administers approximately 66,825 hectors (165,000 acres) of the Hanford Site as a component of the 93-million acre National Wildlife Refuge System.

A Presidential Proclamation established the Hanford Reach National Monument in June 2000. USFWS and DOE are joint stewards of the monument. USFWS administers three major management units:

- Saddle Mountain Unit
- Wahluke Unit
- Fitzner-Eberhardt Arid Lands Ecology Reserve (ALE).

Land Leased to Others

DOE leases Hanford Site land to government and commercial agencies.

- The State of Washington leased land is subleased to US Ecology, a private company that operates a low-level waste disposal business.
- Energy Northwest owns and operates the Northwest's only operating commercial nuclear power plant, the Columbia Generating Station, which produces electricity for the Bonneville Power Administration.
- Johnson Controls, Inc. provides energy savings enhancement for the Hanford Site.
- The Laser Interferometer Gravitational Wave Observatory (LIGO) is located on land leased to the National Science Foundation and operated by the California Institute of Technology.

For more information

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