

Open House and Public Meeting at Magnuson Park on October 21, 2014

The Washington Department of Ecology invites you to a public meeting on the cleanup of low-level radioactive contamination at and near Buildings 2 and 27 at the Warren G. Magnuson Park in Seattle. The contamination is from aircraft maintenance workshops at the former Sand Point Naval Air Station, where radium dials were re-painted with glow-in-the-dark paint. This site is located near 7700 Sand Point Way NE, Seattle, WA 98115.

You are Invited to a Public Meeting

Date: October 21, 2014

Time: 6:00 p.m. – 9:00 p.m.

- Open House: 6:00-7:00 p.m.
- Panel Presentations and Q & A: 7:00-9:00 p.m.

Where: The Mountaineers Headquarters
7700 Sand Point Way NE
Seattle, WA 98115

You will have an opportunity to speak directly with staff members of the Washington Departments of Ecology and Health, City of Seattle Department of Parks & Recreation, and the U.S. Navy. They will be available to answer questions or concerns you have regarding the site.

Representatives of Heart of America Northwest, NE District Neighborhood Council and other stakeholder groups will also be in attendance

To request Americans with Disabilities Act accommodation or materials in a format for the visually impaired, call Ecology at (425) 649-7286, Relay Service 711, or TTY 877-833-6341.

Site Contacts

Ching-Pi Wang, Site Manager,
Washington Department of Ecology,
Toxics Cleanup Program
3190 160th Avenue SE
Bellevue, WA 98008
Phone: (425) 649-7134
E-mail: cwan461@ecy.wa.gov

John Martell, Manager, Radioactive
Air Emissions Section
Washington Department of Health
Office of Radiation Protection
309 Bradley Blvd, Suite 201
Richland, WA 99352
Phone: (509) 946-3798
E-mail: John.Martell@doh.wa.gov

Cindy O'Hare, BRAC Environmental
Coordinator, NAVFAC Northwest
1101 Tautog Circle, Suite 203
Silverdale, WA 98315
Phone: (360) 396-0014
E-mail: cindy.ohare@navy.mil

Document Review Locations

City of Seattle Parks Department
6310 NE 74th Street, Suite 109E
Seattle, WA 98115
Phone: (206) 684-5831

**Department of Ecology
Northwest Regional Office**
3190 160th Ave. SE
Bellevue, WA 98008

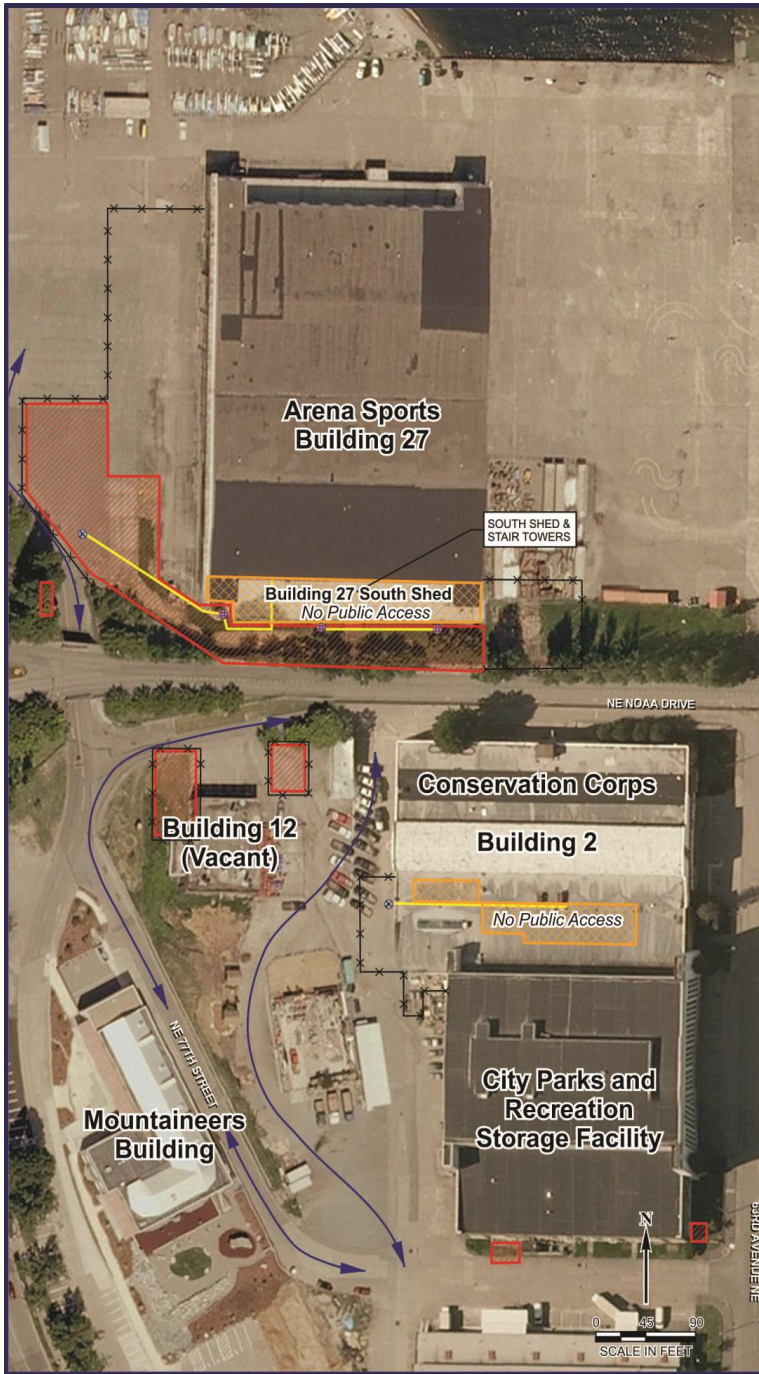
By appointment only:
Contact Sally Perkins
Email: sally.perkins@ecy.wa.gov
Phone: (425) 649-7190








Cleanup ID #: 1359
Facility Site ID#: 2214



Scan this QR Code
with your Smartphone
to visit Ecology's
website. Or:
<http://bit.ly/MagPkEcy>

US Navy Station Sand Point Site



-  PLANNED SOIL CLEANUP AREAS
-  PLANNED BUILDING CLEANUP AREAS
-  STORM DRAIN AND SINK DRAIN INVESTIGATION AREAS
-  MANHOLE
-  CATCH BASIN
-  CONTRACTOR CONTROLLED AREA
-  TRAFFIC ROUTING

Who's Involved in the Cleanup?

U.S. Navy

As the former site owner, conducts and pays for site investigation and cleanup.

Website: <http://go.usa.gov/kQ6e>

City of Seattle Parks and Recreation

Current owner. Operates Magnuson Park, manages owner-tenant relations, maintains park grounds, and renovates buildings as needed.

Website:

<http://www.seattle.gov/parks/magnuson/>

Washington State Department of Ecology –

Provides technical review of investigations, planning and cleanup of contaminated sites.

Website: <http://bit.ly/EcyMagPk>

Washington State Department of Health

Primary state regulator for radiation safety, provides technical review of investigations, planning and cleanup and ensures that cleanup meets safety standards.

Website:

<http://www.doh.wa.gov/CommunityandEnvironment/Radiation/MagnusonParkCleanupSeattle>

U.S. Environmental Protection Agency

Provides environmental regulation review.

Cleanup Progress

Ecology is inviting you to learn about the cleanup progress and plans for additional remedial actions.

- Cleanup of low-level radiation in and around Building 2 and 27 (South Shed)
- Cleanup of storm drains adjacent and beneath Building 27

Sediment sampling near outfalls in Lake Washington from Building 27

Cleanup Actions Completed to Date

- Building 27 and Building 2: Removed radiological contamination in the south shed. Radiation surveys are being conducted to determine if any additional actions need to be taken.
- Conducted additional testing outside of Buildings 2, 12, and 27 to ensure radiological contamination was identified and removed from soil to U.S. EPA levels.
- Conducted additional testing of storm and sanitary drain systems, removed and replaced contaminated components of the storm drain system associated with Buildings 2 and 27, conducted radiological tests to ensure all contamination has been identified and evaluated.
- Packaged and transported all contaminated materials for disposal as low-level radiological waste at a permitted waste disposal facility.
- Packaged and transported all un-contaminated waste to a permitted landfill.

Protecting Your Health During Cleanup

- Radioactive materials have not been found in the publically used buildings where people visit or work.
- Removal work was conducted inside controlled access areas. Around-the-clock air monitoring was conducted to detect any releases during work operations. No releases were detected.

-

What's Next?

- Remove contamination, including radioactive materials, asbestos, mercury, and lead paint, from inside the buildings.
- In October 2014, the back part of Building 27, which is attached to Arena Sports, will be dismantled. Every precaution will be taken to make sure the public is protected during the process.
- Storm water pipes near Buildings 2 and 27 will be cleaned this fall.



More Investigation

The U.S. Navy is investigating other historical uses of radioactive materials at the site. Their investigation will help determine if any additional cleanup is necessary. Sediment sampling will be attempted near the outfalls of storm water pipes that lead from the original buildings into Lake Washington. The pipe outlets are several feet below the surface of the water and the lake bed is covered with large boulders.

The Navy is also reaching out to people who may have been employed or stationed at Sand Point in the 1950s and 1960s to learn more about areas that may need attention.

Project Roles and Responsibilities

U.S. Navy

The U.S. Navy is responsible for the cleanup of the low-level radiological contamination at Sand Point. In accordance with the Department of Navy's Environmental Restoration Program, the U.S. Navy is required to follow the federal requirements of the:

- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) aka "Superfund".
- Time critical removal action (TCRA), under CERCLA.
- National Oil and Hazardous Pollution Contingency Plan (NCP).

State of Washington

The Washington State Model Toxics Control Act (MTCA) and WAC 246 Radiation Protection are relevant state requirements. The state's role is to provide technical review by conducting:

- Technical review of investigation results and cleanup plans.
- On-site air monitoring.
- On-site visual observations of cleanup actions.
- On-site and park-wide pre-cleanup radiation surveys.
- Conduct confirmation sampling and radiation surveys to verify cleanup completion.
- Community outreach, including public meetings.

The state departments of Ecology and Health, and the City of Seattle have worked closely with the U.S. Navy and their contractors to ensure a thorough cleanup of the low-level radiological contamination at Magnuson Park.



Site Background

From the late 1930s to the 1950s, the U.S. Navy repaired airplanes at the former Naval Station Puget Sound, Sand Point, also known as the Sand Point Naval Air Station. Most of the Sand Point site is now Seattle's Warren G. Magnuson Park. A separate part of the site houses the National Oceanographic and Atmospheric Administration (NOAA).

Work at the facility included use of radium paint, a low-level radioactive material, on aircraft instruments, so they would glow in the dark. Small amounts of two other radioactive materials, cesium-137 and strontium-90, were detected and cleaned up in the vicinity of Buildings 2.

The cesium was found in a small pit against Building 2. Soil from the pit was removed and the cesium removed. The strontium was found inside a pipe in the radium room of Building 27. This pipe was removed and disposed of with the other low-level radioactive waste. No other locations of cesium and strontium were detected during site investigations and surveys.

In the summer of 2013, the U.S. Navy began an environmental cleanup at the park including the South Shed of Building 27, which houses Arena Sports, Building 2, which houses a small office for the Washington Conservation Corps but is otherwise vacant, and Building 12, which is vacant. The Washington State Department of Ecology and Washington State Department of Health are overseeing the cleanup.

The Seattle Parks and Recreation Department evaluated former Navy buildings for possible contamination before demolishing or remodeling them. In 2010, city staff identified locations where aircraft instrument maintenance occurred. Under federal law and legal property transfer agreements with the city, the Navy is responsible for cleanup of contamination identified. The city only opens buildings and areas for public use after these reviews and, if needed, cleanups.

Prior to the discovery of the radium room and renovation of Building 27, the building was frequently vandalized. When Seattle Parks managers discovered the radium room early in 2009, they secured entry points into the south shed. Vandalism regularly occurred in the hangar and offices until Arena Sports construction began in May 2011.

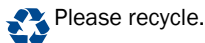
The U.S. Navy, which studies and cleans up its former sites under the federal Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA aka "Superfund"), began a time critical removal action for the former Naval Station Puget Sound at Sand Point in the summer of 2013.





3190 160th Ave. SE
Bellevue, WA 98008

PRESORTED
FIRST CLASS MAIL
US POSTAGE PAID
WA STATE DEPT OF
PRINTING 98501



Open House and Public Meeting October 21, 2014

You are invited to a public meeting and open house! Ecology is hosting a meeting to discuss the cleanup of areas of the U.S. Navy Station Sand Point Site. Staff from Department of Ecology, Department of Health, City of Seattle Parks and Recreation and the US Navy will be available for questions.

Representatives from Heart of America Northwest and the NE District Neighborhood Council will also be in attendance.

To request ADA accommodation or materials in a format for the visually impaired, call Ecology at (425) 649-7286, Relay Service 711, or TTY 877-833-6341.

**Meeting Location: The Mountaineers Headquarters
7700 Sand Point Way NE
Seattle, WA 98115**

Meeting Agenda:

- **Open House 6:00 – 7:00 p.m.**
- **Panel Presentations and Q & A 7:00 – 9:00 p.m.**

