DEPARTMENT OF ECOLOGY
State of Washington

WASHINGTON STATE DEPARTMENT OF ECOLOGY TOXICS CLEANUP PROGRAM

#### MAY 17, 2012

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If you have questions, contact Seth Preston at 360/ 407-6848 or Seth.Preston@ecy.wa.gov. Specific contacts are listed after each entry.

To ask about the availability of this document in a format for the visually impaired, call 360/407-7170. Persons with hearing loss may call 711 for Washington Relay Service. Persons with a speech disability may call 877-833-6341.

#### FORMAL CLEANUPS

Ecology oversees complex cleanup sites to ensure that your health and that of the environment are protected.

#### **BENTON COUNTY**

NW Pipeline ST Prosser Site Facility Site ID# 324 CSID# 3714 505 Southwest SR 22, Prosser

Public comment period: 5/9/12 - 6/11/12

Site Proposed for Removal from Hazardous Sites List

Ecology proposes to remove the NW Pipeline ST Prosser site from the Hazardous Sites List (HSL). The site was ranked a "4" on the HSL. (A rank of "1" represents the highest level of risk compared to other sites; a rank of "5" represents the lowest). Ecology has determined that this site does not pose a threat to human health or the environment and recommends removing the site from the HSL.

Please direct comments and questions to site manager Norm Peck.

Site Manager: Norm Peck

Central Regional Office

509/454-7837

Norm.Pec7@ecy.wa.gov

More information may be found at the web pages below:

NW Pipeline ST Prosser: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3714

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following location:

• Ecology's Central Regional Office Toxics Cleanup Program – 15 W. Yakima Ave., Suite 200, Yakima, WA. (Please call 509/ 454-7658 for an appointment.)

#### **CLALLAM COUNTY**

Port Angeles Harbor Sediments Investigation Clallam County

Public comment period extended: 2/23/12 - 5/22/12 Public open house held 3/13/12 in Port Angeles

Study Reports Available for Public Comment

Port Angeles Harbor has long been home to pulp, paper, plywood, petroleum, shipping, and other industries. Over time, these activities released contamination into the local environment. In 2008, Department of Ecology collected sediment and tissue samples from throughout harbor.

Parts of the harbor have harmful levels of dioxins/furans, pesticides, metals, and other contaminants. Some areas also have wood debris, which can produce toxic ammonia and sulfides. Protecting the harbor will likely require:

• Cleaning up sediment contamination hotspots.

- · Removing wood debris.
- Preventing future pollution.

Ecology is putting together the evidence needed to name Potentially Liable Persons (PLPs) – the parties responsible for cleanup. Rayonier will use some of the study data to help plan its cleanup in the eastern part of the harbor.

A public open house was held Tuesday, March 13, 2012, at Olympic Medical Center in Port Angeles.

The sediment investigation report describes the sampling data. The supplemental data evaluation analyzes the data and recommends next steps. The public comment period on these documents has been extended from March 23 to May 22, 2012.

Please submit comments and questions to project manager Connie Groven.

Project Manager: Connie Groven

Southwest Regional Office

360/407-6254

Connie.Groven@ecy.wa.gov

For public involvement information, please contact Hannah Aoyagi at 360/407-6790 or Hannah.Aoyagi@ecy.wa.gov.

More information may be found at the web pages below:

Port Angeles sediments reports: http://www.ecy.wa.gov/programs/tcp/sites\_brochure/portAngelesHarborSed/paSed\_hp.htm

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents on the following locations:

- Ecology's Southwest Regional Office Toxics Cleanup Program 300 Desmond Drive, Lacey, WA. (Please contact Debbie Nelson for an appointment at 360/407-6365 or **Debbie.Nelson@ecy.wa.gov**.)
- Port Angeles Library 2210 S. Peabody St., Port Angeles. Call 360/417-8500.
- Peninsula College 1502 E. Lauridsen Blvd., Port Angeles. Call 360/417-6280.

#### **CLARK COUNTY**

### Heuvel Enterprises Site

Facility Site ID# 4273089

4061 Northeast 78th Street, Vancouver

Public comment period: 5/17/12 - 6/27/12

Five-Year Periodic Review Draft Report Completed

Ecology invites you to review and comment on a periodic (5-year) review of the Heuvel Enterprises site in Vancouver. In early December 2002, during construction work, black-stained filled soil with oily smell was observed at the site. Analysis of soil samples from the site revealed contamination from TPH-D and PCBs.

Heuvel entered Ecology's Voluntary Cleanup Program in January 2003 and removed about 13.83 tons of contaminated soil. After the most recent groundwater sampling in April 2011, contamination was no longer detected. A restrictive (environmental) covenant is in place for the site.

Please submit comments and questions to site manager Panjini Balaraju.

Site Manager: Panjini Balaraju

Southwest Regional Office

360/407-6335

Panjini.Balaraju@ecy.wa.gov

More information may be found at the web pages below:

Heuvel Enterprises site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3353

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following locations:

- Vancouver Regional Library 1007 E. Mill Plain Blvd., Vancouver, WA. Call 360/695-1566
- Ecology's Southwest Regional Office Toxics Cleanup Program 300 Desmond Drive, Lacey, WA. (Please contact Debbie Nelson for an appointment at 360/407-6365 or **Debbie.Nelson@ecy.wa.gov**.)

#### **JEFFERSON COUNTY**

Irondale Iron and Steel Plant Site 526 East Monroe Street, Irondale

Facility Site ID# 95275518

Final Engineering Design Report Available for Public Review

Ecology invites you to view the final engineering design report for the cleanup of the former Irondale Iron and Steel Plant site. The engineering design report describes in detail how cleanup actions and habitat restoration will be implemented and maintained.

Ecology has been working on investigating and cleaning up contamination at the site since 2001. The Governor's Puget Sound Initiative, an effort to restore the Sound by 2020, is funding site cleanup.

Ecology plans to schedule cleanup and restoration work at the site for summer 2012. The work is timed to take place when it will least affect fish, as well as so that cleanup and restoration can be done at the same time.

Questions may be directed to site manager Steve Teel.

Site Manager: Steve Teel

Southwest Regional Office

360/407-6247

Steve.Teel@ecy.wa.gov

More information may be found at the web page below:

Irondale Iron and Steel Plant site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4484

You may review the documents at the following location:

• Ecology's Southwest Regional Office Toxics Cleanup Program – 300 Desmond Drive, Lacey, WA. (Please contact Debbie Nelson for an appointment at 360/407-6365 or **Debbie.Nelson@ecy.wa.gov**.)

For public involvement information, please contact Michael Bergman at (360) 407-0067 or Michael Bergman@ecy.wa.gov.

#### KING COUNTY

Industrial Warehouse Site 2450 6th Avenue South, Seattle

Facility Site ID# 1292528

Public comment period: 5/17/12 - 6/16/12

Five-Year Periodic Review Report Available

Ecology invites you to review and comment on a periodic review for the Industrial Warehouse site in Seattle. A periodic review is conducted at least every five years after the initiation of a cleanup action at a site, as required by the Model Toxics Control Act (MTCA). The purposes of the review are to evaluate site conditions after cleanup is considered complete, and to ensure protection of human health and the environment.

Ecology invites you to review and comment on a periodic review for the Industrial Warehouse site in Seattle. A periodic review is conducted at least every five years after the initiation of a cleanup action at a site, as required by the Model Toxics Control Act (MTCA). The purposes of the review are to evaluate site conditions after cleanup is considered complete, and to ensure protection of human health and the environment.

The Industrial Warehouse site is defined by heating oil releases from heating oil underground storage tanks (USTs) to soil and groundwater.

A free product recovery program was initiated at the site in March 2003 and continued through November 2003. Three USTs were decommissioned in March 2003; they were removed in March and April 2004. However, contaminated soils remain on the site following excavations. Further excavation was not feasible due to physical limitations considering the structural integrity of the warehouse building.

Post-remediation groundwater monitoring was conducted on a semi-annual basis for two years in 2004 and 2006. Neither petroleum hydrocarbons nor associated compounds of benzene, toluene, ethylbenzene, and xylenes (BTEX) were detected in the first three rounds of monitoring events.

However, diesel-range petroleum hydrocarbons were detected in all six samples collected in March 2006 with concentrations ranging from 0.30 to 4.4 mg/L. The 4.4 mg/L concentration exceeded the MTCA Method A cleanup level of 0.5 mg/L. No additional groundwater monitoring has been conducted since March 2006.

Following remedial activities, Ecology issued a No Further Action (NFA) determination letter on May 31, 2006, contingent upon a restrictive covenant filed on the property in 2004.

Results of the periodic review show the restrictive covenant for the property is in place and will be effective in protecting public health and the environment from exposure to soil contamination and protecting the integrity of the cleanup action. However, the condition of the groundwater may not comply with cleanup standards, and additional groundwater monitoring is needed to demonstrate compliance with cleanup standards as stated in the periodic review report. Ecology is planning to rescind the May 31, 2006, NFA.

Ecology will review comments received during the comment period and make recommendations for suggested changes. The periodic review will become final if no significant changes are made. An additional public comment period will be held if significant changes are made.

Please direct comments and questions to periodic review coordinator Jing Liu.

Periodic Review Coordinator: Jing Liu

Northwest Regional Office

425/ 649-7038 jliu461@ecy.wa.gov

More information may be found at the web pages below:

Industrial Warehouse site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3929

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following location:

• Ecology's Northwest Regional Office Toxics Cleanup Program – 3190 160th Avenue SE, Bellevue, WA. (Please contact Sally Perkins for an appointment at 425/649-7190 or Sally, Perkins@ecv.wa.gov.)

For special accommodations or documents in alternate format, call 425/425-7117, 711 (relay service), or 877/833-6341 (TTY).

Renton Shopping Center Site 351 Hardie Avenue SW, Renton Facility Site ID# 6515148

Public comment period: 4/19/12 - 5/21/12

Five-Year Periodic Review Draft Report Completed

Ecology invites you to review and provide comment on a document called a periodic review for the Renton Shopping Center site. A periodic review is conducted at least every five years after the initiation of a cleanup action at a site, as required by the Model Toxics Control Act (MTCA). The purposes of the review are to evaluate site conditions, after cleanup is considered complete, and to ensure protection of human health and the environment.

The site is defined by petroleum releases to soil and groundwater associated with historical operations of a former car wash/retail gasoline facility located on the property between 1958 and 1985.

Excavation of petroleum contaminated soils (PCS) was conducted in 1992. About 800 cubic yards of PCS were excavated and treated on-site by land farming from June to October 1992. An additional 275 cubic yards of PCS were over excavated and disposed of off-site in December 1992. However, contaminated soils remain on the site following excavations. Further excavation was not feasible due to physical limitations of Hardie Avenue, presence of utility lines and the cliff. An air sparging and soil vapor extraction system was installed on the site in 1995 and operated until 1997 to address residual contamination in soil and groundwater beneath the site. Groundwater monitoring was conducted from 1993 to 2007.

Following remedial activities, Ecology issued a No Further Action (NFA) determination letter in 1998 contingent upon filing of a restrictive covenant on the property. The restrictive covenant was recorded for the property in 1999. The site failed Ecology's periodic review in 2005 due to concentrations of benzene in groundwater exceeding MTCA Method A cleanup levels. Ecology rescinded the 1998 NFA and issued a Further Action (FA) determination letter. The site obtained a NFA in 2008 after additional cleanup work was completed based on the requirements in Ecology's 2005 FA letter. It should be noted that the 2008 NFA is contingent upon the restrictive covenant recorded in 1999.

Results of the periodic review show the cleanup actions completed at the site appear to be protective of human health and the environment. Results from at least four consecutive quarterly groundwater sampling events indicate compliance with cleanup levels for all wells within and/or downgradient of the former excavation area. If contaminated soil still remains beyond the east and south property boundaries and beneath the vertical cliff, it is of minimal quantities, and it is not likely to pose a threat to human health or the environment by direct contact, vapor intrusion or by leaching to groundwater.

A restrictive covenant for the property is in place and continues to be effective in protecting public health and the environment from exposure to hazardous substances and protecting the integrity of the cleanup action. Ecology will review comments received during the comment period and make recommendations for suggested changes. The periodic review will become final if no significant changes are made. An additional public comment period will be held if significant changes are made.

Please direct comments and questions to periodic review coordinator Jing Liu.

Periodic Review Coordinator: Jing Liu

Northwest Regional Office

425/ 649-4310 jliu461@ecy.wa.gov

More information may be found at the web pages below:

Renton Shopping Center site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5785

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following location:

• Ecology's Northwest Regional Office Toxics Cleanup Program – 3190 160th Avenue SE, Bellevue, WA. (Please contact Sally Perkins for an appointment at 425/649-7190 or Sally.Perkins@ecy.wa.gov.)

For special accommodations or documents in alternate format, call 425/425-7117, 711 (relay service), or 877/833-6341 (TTY)

SeaTac Development Site (aka MasterPark Lot C) 16025-16223 International Boulevard, SeaTac Facility Site ID# 38258847

Public comment period: 4/20/12 - 5/21/12

Consent Decree Available for Public Comment

Ecology invites comments on the consent decree for cleanup at the SeaTac Development site. This site is also known as MasterPark Lot C. Ecology and the potential liable parties (PLPs) will enter into a formal legal agreement called a consent decree. The PLPs are Sea-Tac Investments LLC, ANSCO Properties LLC, and Scarsella Bros Inc.

Under the consent decree, the PLPs will clean up gasoline contamination in groundwater and soil beneath the site as outlined in the cleanup action plan (CAP). The cleanup actions will involve a combination of injecting air and applying a vacuum in the petroleum contaminated source area and plume to clean it up. It will also involve letting naturally occurring microorganisms clean up the remaining plume. The asphalt pavement above the source area will be maintained to prevent direct contact and leaching of contaminants through rainfall infiltration. A deed restriction to maintain the asphalt surface and disallow groundwater use at the property is in place as part of the cleanup. An extensive period of monitoring will be carried out to ensure the cleanup is protective.

In 2000, gasoline contamination was discovered in soil and groundwater on the property. From 2000 to 2009, investigations and cleanups were done on the property under Ecology's Voluntary Cleanup Program. However, gasoline contamination remains in a groundwater aquifer 50 to 60 feet below ground surface. After further environmental investigations were carried out under a 2009 agreed order, a remedial investigation/feasibility study (RI/FS) and draft cleanup action plan (DCAP) was completed following a public comment period last April to May 2011. The DCAP was subsequently made into the final CAP and is an exhibit in the consent decree.

Please direct questions and comments to site manager Jerome Cruz.

Site Manager: Jerome Cruz

Northwest Regional Office

425/649-7094

Jerome.Cruz@ecy.wa.gov

More information may be found at the web pages below:

SeaTac Development site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5994

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following locations:

- Valley View Library 17850 Military Road S., SeaTac, WA. Call 206/242-6042.
- Ecology's Northwest Regional Office Toxics Cleanup Program 3190 160th Avenue SE, Bellevue, WA. (Please contact Sally Perkins for an appointment at 425/649-7190 or Sally.Perkins@ecy.wa.gov.)

For special accommodations or documents in alternate format, call 425/425-7117, 711 (relay service), or 877/833-6341 (TTY).

Burlington Environmental LLC Site (PSC Environmental Services LLC) Facility Site ID# WAD 991281767 20245 77th Avenue S, Kent

Public comment period: 4/05/12 - 5/21/12

Draft Dangerous Waste Permit Available for Public Review

Ecology invites the public to comment on the tentative decision to reissue a permit for commercial dangerous waste treatment and storage at the Burlington Environmental facility in Kent. Burlington Environmental LLC is owned by PSC Environmental Services LLC and uses "PSC" as a recognized name in the waste management industry.

Ecology is requiring upgrades to the existing PSC-Kent facility as part of the RCRA Part B permit renewal. A complete permit

renewal application was submitted to Ecology on December 30, 2011.

Ecology will be issuing a renewed RCRA Part B permit, which will require facility upgrades at the PSC-Kent. It is expected that this construction project will entail SEPA review, structural review, and issuance of a building permit, site development permit and final approval from Ecology.

After considering public comments and testimony on the draft permit, Ecology will make a final permit decision or a new tentative decision. If Ecology makes a new tentative decision on this permit, there will be a new comment period. If Ecology reissues a final permit to PSC, it will be valid for ten years from its effective date. However, PSC or Ecology can modify the permit during that period.

The information Ecology used to draft the permit is available to you. You may request, review and comment on the draft permit and supporting documents. Your comments must be delivered or postmarked by May 21, 2012, for Ecology to consider them.

Please direct comments and questions to site manager Robin Harrover.

Site Manager: Robin Harrover

Northwest Regional Office

425/649-7232

Robin.Harrover@ecy.wa.gov

More information may be found at the web pages below:

Public information about hazardous waste activities in Washington: http://www.ecy.wa.gov/programs/hwtr/foia/index.html

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following locations:

- Kent Regional Library 212 2nd Ave. N, Kent, WA. Call 253/859-3330.
- Ecology's Hazardous Waste and Toxics Reduction Program 300 Desmond Drive SE, Lacey, WA. (Please contact Pallavi Mukerjee for an appointment at 360/407-7018 or pallavi.mukerjee@ecy.wa.gov.)

Ecology will conduct a public hearing on the draft permit only if a member of the public requests one. To find out if a public hearing will be held, contact Pallavi Mukerjee on or after May 14, 2012. If held, the public hearing will begin at 7 p.m. on May 17, 2012, at Ecology's Lacey building in Room 1S-16. (See address and contact information given above.)

For public involvement information, please contact Nancy Farman at 360/407-6790 or Nancy.Farman@ecy.wa.gov.

### North Boeing Field/Georgetown Steam Plant Site 7370 East Marginal Way S/6700 13th Avenue S, Seattle

Facility Site ID# 2050 CSID# 4765

Draft Remedial Investigation/Feasibility Study Work Plan Completed

Ecology recently completed a remedial investigation/feasibility study draft work plan for the North Boeing Field/Georgetown Steam Plant site. The plan proposes investigations of soil, groundwater, stormwater, and building materials at the site.

The draft work plan summarizes the work of previous investigations and proposes additional work that is needed to meet the requirements of the agreed order for the site.

The North Boeing Field/Georgetown Steam Plant site is on the east side of the Lower Duwamish Waterway in Seattle. Industrial operations and maintenance caused contamination at the site. Contaminants of concern are polychlorinated biphenyls (PCBs); total petroleum hydrocarbons (TPH); polynuclear aromatic hydrocarbons (PAHs); volatile and semi-volatile organic compounds (VOCs and SVOCs); and antimony, arsenic, cadmium, chromium, copper, lead, mercury, and zinc.

Please direct questions and written comments to site manager Mark Edens.

Site Manager: Mark Edens

Northwest Regional Office

425/649-7070

Mark.Edens@ecy.wa.gov

More information may be found at the web page below:

North Boeing Field/Georgetown Steam Plant site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4765

You may review the documents at the following locations:

- South Park Library 8604 Eighth Ave. S, Seattle. Call 206/615-1688.
- Ecology's Northwest Regional Office Toxics Cleanup Program 3190 160th Avenue SE, Bellevue, WA. (Please contact Sally Perkins for an appointment at 425/649-7190 or Sally.Perkins@ecy.wa.gov.)

#### LINCOLN COUNTY

South Wilbur Petroleum Contamination Site Wilbur, Lincoln County

Facility Site ID# 7096

CSID# 1949

Public comment period: 5/17/12 - 6/15/12

Five-Year Periodic Review Report Available

Ecology invites you to review and comment on a document called a periodic review completed for the South Wilbur Petroleum Contamination site. A periodic review is conducted at least every five years after the initiation of a cleanup action at a site, as required by the Model Toxics Control Act (MTCA). The purposes of the review are to evaluate site conditions after cleanup is considered complete, and to ensure protection of human health and the environment.

The site consists of three properties:

- The Washington State Department of Transportation (WSDOT) and Lincoln County Maintenance Facilities, which have both been in operation since the early 1930s.
- The former Lincoln Mutual #3 fueling station, which operated from the 1960s through the 1980s.
- The WSDOT facility was closed in 1996 and purchased by Lincoln County. It is now part of the county's maintenance facility. These parties have been identified as responsible for contamination at the site. However, Lincoln County is the only party working on the cleanup with the state.

Ecology selected source removal with engineering controls and enhanced bioremediation to address petroleum contamination in soil and groundwater. No permanent remedies were available for groundwater due to the low permeability of the soil.

The selected cleanup action was estimated to have a reasonable restoration time frame of 3 years. When the cleanup action was originally selected, oxygen releasing compound was the most appropriate technology to treat chemicals in groundwater. Monitoring indicates the oxygen releasing compound is no longer effective.

Groundwater quality has improved, but it still exceeds state standards. New technologies may be available to improve treatment of contaminants in groundwater for the current site conditions. These technologies should be evaluated and additional cleanup actions taken at the site.

Lincoln County will be required to submit a report that researches additional groundwater treatment technologies. If another treatment technology may be feasible, pilot testing of the proposed technology may be required before formal implementation.

Although the treatment did not perform as expected, the institutional controls at the site have proven effective in reducing exposure to the contaminants and are protecting the integrity of the remedy.

Institutional controls include access restrictions and a restrictive covenant which limits uses at all three properties. Restrictions include limitations on groundwater withdrawal and use, restrictions on subsurface work in contaminated soil, and restrictions on activities which would interfere with the performance of the remedy. Additional periodic reviews will be required as long as institutional controls are in place at the site.

Please direct comments and questions to site manager Sandra Treccani.

Site Manager: Sandra Treccani

Eastern Regional Office

509/ 329-3412 satr461@ecv.wa.gov

More information may be found at the web page below:

South Wilbur Petroleum Contamination site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1949

You may review the documents at the following location:

• Ecology's Eastern Regional Office Toxics Cleanup Program – 4601 N. Monroe, Spokane, WA. (Please contact Kari Johnson for an appointment at 509/329-3415.)

#### **OKANOGAN COUNTY**

Silver Mountain Mine Site County Road 4371, Loomis

Facility Site ID# 101

Public comment period: 4/23/12 - 5/23/12

Five-Year Periodic Review Scheduled

Ecology is scheduling the fourth five-year periodic review at the Silver Mountain Mine Site located in Loomis in Okanogan County. Under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), this site requires a five-year periodic review because contaminants remained on the site following remedial actions.

CERCLA requires periodic reviews of the cleanup at a minimum of every five years. The purpose of the five-year review is to evaluate the implementation and performance of the remedy and to make sure the remedy is protective of human health and the environment.

Please direct questions and written comments to site manager Jeff Newschwander.

Site Manager: Jeff Newschwander

Central Regional Office

509/407-6335

Jeff.Newschwander@ecy.wa.gov

More information may be found at the web pages below:

Silver Mountain Mine: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3033

Ecology's Public Events Calendar: http://www.ecv.wa.gov/; click on calendar.

#### PIERCE COUNTY

1920 Port of Tacoma Road Site 1920 Port of Tacoma Road, Tacoma Facility Site ID# 30005

Public comment period: 4/9/12 - 5/8/12

Agreed Order Available for Public Comment

The site is located at 1920 Port of Tacoma Road, near the Blair Waterway. Starting in 1958, U.S. Oil & Refining used five pipelines to move petroleum back and forth from its dock on the Blair Waterway to its refinery on Lincoln Avenue. These pipelines released petroleum into the surrounding soil, causing contamination.

Ecology is asking for public comment on an agreed order for cleanup. It requires U.S. Oil & Refining to:

- 1. Investigate the nature and extent of contamination.
- 2. Compare cleanup options.
- 3. Draft a cleanup action plan.

Please direct questions and comments to site manager Marv Coleman.

Site Manager: Mary Coleman

Southwest Regional Office

360/407-6259

Marv.Coleman@ecy.wa.gov

More information may be found at the web pages below:

1920 Port of Tacoma Road: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3801

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents on the following locations:

- Tacoma Public Library 1102 Tacoma Ave., Tacoma, WA. Call 253/591-5666.
- Citizens for a Healthy Bay 535 Dock St., Suite 213, Tacoma WA. Call 253/383-2429.
- Ecology's Southwest Regional Office Toxics Cleanup Program 300 Desmond Drive, Lacey, WA. (Please contact Debbie Nelson for an appointment at 360/407-6365 or **Debbie.Nelson@ecy.wa.gov**.)

For public involvement information, please contact Hannah Aoyagi at 360/407-6790 or Hannah.Aoyagi@ecy.wa.gov.

#### **SKAGIT COUNTY**

Nasty Jack's Antiques Site 103 Morris Street, La Conner Facility Site ID# 2668

Public comment period: 4/19/12 - 5/21/12

Five-Year Periodic Review Draft Report Completed

Ecology invites you to review and provide comment on a document called a periodic review for the Nasty Jack's Antiques site. A periodic review is conducted at least every five years after the initiation of a cleanup action at a site, as required by the Model Toxics Control Act (MTCA).

The purposes of the review are to evaluate site conditions, after cleanup is considered complete, and to ensure protection of human health and the environment.

The site has been occupied by an antique store and furniture refinishing facility. Lead was detected in soil above the MTCA Method

A cleanup level in the parking lot to a depth of approximately two feet. The source of contamination appears to be lead-based paint residuals from the former outdoor wipe and wash-down area associated with furniture stripping.

Lead concentrations were significantly lower than the cleanup level below two feet of ground surface. Other metals, arsenic, cadmium and chromium were either non-detected or detected but below their cleanup levels.

On-site containment was selected to address lead contamination in the near surface soil. The parking lot was paved with asphalt. A restrictive covenant was placed on the property to ensure containment remedy performance. The site received a No Further Action determination in 2006.

Results of the periodic review showed the cleanup actions completed at the site appear to be protective of human health and the environment.

A restrictive covenant for the property is in place and continues to be effective in protecting public health and the environment from exposure to hazardous substances and protecting the integrity of the cleanup action.

Ecology will review comments received during the comment period and make recommendations for suggested changes. The periodic review will become final if no significant changes are made. An additional public comment period will be held if significant changes are made.

Please direct comments and questions to periodic review coordinator Jing Liu.

Periodic Review Coordinator: Jing Liu

Northwest Regional Office

425/ 649-4310 jliu461@ecy.wa.gov

More information may be found at the web pages below:

Nasty Jack's Antiques site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=766

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following location:

• Ecology's Northwest Regional Office Toxics Cleanup Program – 3190 160th Avenue SE, Bellevue, WA. (Please contact Sally Perkins for an appointment at 425/649-7190 or Sally.Perkins@ecy.wa.gov.)

For special accommodations or documents in alternate format, call 425/425-7117, 711 (relay service), or 877/833-6341 (TTY).

#### **SPOKANE COUNTY**

BNSF Railway Black Tank Site 3202 East Wellesley, Spokane

Facility Site ID# 98615712

CSID# 3243

Negotiations Begin for Agreed Order

Negotiations for an agreed order began March 8, 2012, between Ecology, BNSF Railway Company, and Marathon Oil Company. The order requires BNSF and Marathon to conduct a remedial investigation and feasibility study at the Black Tank site.

Historically the site housed a 50-foot diameter aboveground storage tank, which included pipes and pumping infrastructure. The tank was removed in 2006 along with contaminated soil under and adjacent to the tank. Investigations conducted after the tank and soil removal indicated several groundwater monitoring wells contained petroleum product.

The remedial investigation will gather additional information about the nature and extent of petroleum contamination in soil and groundwater at the site. The feasibility study will evaluate cleanup options for site-related contaminants.

Please direct questions to site manager Jeremy Schmidt.

Site Manager: Jeremy Schmidt

Eastern Regional Office

509/329-3484

Jeremy.Schmidt@ecy.wa.gov

BNSF Parkwater Railyard Site 5302 East Trent Avenue, Spokane

Facility Site ID# 676

CSID# 1318

Public comment period: 4/30/12 - 5/30/12

Consent Decree Available for Comment

Ecology has entered into a consent decree with the BNSF Railway Company (BNSF). The consent decree is a legal agreement that describes the responsibilities of all parties in implementing soil and groundwater cleanup at the BNSF Parkwater Railyard site. The consent decree assures work is conducted in a timely manner, in accordance with the Model Toxics Control Act (MTCA), and all other applicable laws and regulations.

The facility, formerly known as Yardley, is one-half mile south of the Spokane River and lies over the Spokane Valley Rathdrum Prairie Aquifer. The property covers about 130 acres that has been used as a rail yard for nearly 100 years. Operations continue today and include fueling, intermodal operations, and switching of rail cars.

Past investigations confirmed contamination exceeded state standards in seven of ten areas studied. Contaminants included petroleum hydrocarbons, arsenic, cadmium, lead, mercury, naphthalene, methylene chloride and cPAHs. Several cleanup actions will be completed at the site to address the contamination in soil and groundwater.

Please submit comments and questions about the consent decree to site manager Sandra Treccani.

Site Manager: Sandra Treccani

Eastern Regional Office

509/ 329-3412 satr461@ecy.wa.gov

More information may be found at the web pages below:

BNSF Parkwater Railyard site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1318

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the consent decree at the following locations:

- Spokane Valley Library 12004 E. Main Ave., Spokane Valley, WA. Call 509/893-8400.
- Ecology's Eastern Regional Office Toxics Cleanup Program 4601 N. Monroe, Spokane, WA. (Please contact Kari Johnson for an appointment at 509/329-3415.)

Costco Wholesale 670 Site

Facility Site ID# 82832887

CSID# 1073

5601 East Sprague Avenue, Spokane Valley

Public comment period: 5/17/12 - 6/18/12

Five-Year Periodic Review Report Available

You are invited to review and comment on a document called a periodic review for the Costco Wholesale 670 site. Ecology conducts a periodic review at least every five years after the initiation of a cleanup action at a site, as required by the Model Toxics Control Act (MTCA). The purposes of the review are to evaluate site conditions after cleanup is considered complete, and to ensure protection of human health and the environment.

Since 1912, the site was used for a variety of railroad purposes. Costco purchased the property in 2000; a 147,000-square-foot wholesale store and gasoline retail facility are now located on the 17-acre property.

Various investigations and cleanup activities were conducted at the site since 1995. Contaminants found in soil included lead, cadmium, zinc, mercury, total petroleum hydrocarbons (TPH), and carcinogenic polynuclear aromatic hydrocarbons (PAHs). Contaminated soil was removed from the property.

Additionally, ballasts and contaminated soil were buried in two cells 6 feet below grade and capped with 6 inches of compacted, coarse gravel and then paved with 4 inches of asphalt concrete pavement. A restrictive covenant was placed on the property to limit how the property may be used and to ensure the integrity of the asphalt cap.

Based upon the site visit conducted on September 10, 2011, the containment cell areas remain covered by asphalt with only minor visible cracking. The asphalt continues to provide an adequate barrier to prevent exposure to the contaminated soils. The cover also prevents water infiltration so contaminants don't move to groundwater. The cleanup actions continue to be effective for protecting human health and the environmental from the contaminants.

The property owner is responsible to continue inspections of the site to ensure that the integrity of the cleanup actions are maintained. Another periodic review will be conducted in five years since contaminated soil remains on-site.

Please submit comments and questions to Patti Carter.

Contact: Patti Carter

Eastern Regional Office

509/329-3522

patti.carter@ecy.wa.gov

More information may be found at the web pages below:

Costco Wholesale 670 site: https://fortress.wa.gov/ecv/gsp/Sitepage.aspx?csid=1073

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the document at the following location:

• Ecology's Eastern Regional Office Toxics Cleanup Program – 4601 N. Monroe, Spokane, WA. (Please contact Kari Johnson for an appointment at 509/329-3415.)

Spokane River Metals Sites Spokane County

Facility Site ID# 615198

CSID# 442

Public comment period: 5/17/12 - 6/15/12

Construction Design Documents, Substantive Permit Requirements and State Environmental Policy Act (SEPA) Documents Available for Comment

#### **River Recreation and Access Areas Closed During Cleanup**

Ecology proposes to address contaminants known as heavy metals at four Spokane River beaches. The metals contamination includes lead, arsenic, zinc, and cadmium. Historic mining practices in the Coeur d'Alene basin resulted in heavy metals washing downstream from Idaho.

The Barker Road North beach lies on the north side of the Spokane River east of the Barker Road Bridge. The other three beaches are Islands Lagoon, Myrtle Point, and Flora Road, which are all on the south side of the Spokane River. Flora Road is included in the work because spring run-off in 2011 damaged portions of the protective cover or cap previously placed there in 2009. The new cap will be engineered to prevent future erosion.

The beach work will begin when river levels are low in the summer and will be completed fall 2012. These beach areas will be temporarily closed to the public during construction. The Centennial Trail also will be impacted during portions of the construction. Flaggers and signs will be posted to let people know these access areas are closed. Construction details are provided in the design documents available for review.

#### **Proposed Restoration at the Four Beaches**

Contaminated sediments along the river banks at three of the beaches will be removed, and all areas will be backfilled and capped with clean material. Contaminated sediments will be disposed of at an approved landfill. A protective cap designed to prevent erosion will be placed in each of the cleanup areas. The cap will consist of a layer of smaller rock material, covered with coarser sized rock. Boulders will be used at Islands Lagoon as part of the cap to stabilize the banks. The cap will eliminate the exposure pathway for humans and wildlife. Native vegetation will be planted where appropriate by Ecology, local river groups, and stakeholders.

Staging areas will be created at each site where materials will be placed during construction. Details about the staging areas are found in the design documents. Precautions will be taken during all work to minimize dust and damage to existing vegetation.

Please submit comments and questions to site manager Dave George.

Site Manager Dave George

Eastern Regional Office

509/329-3520

dave.george@ecy.wa.gov

More information may be found at the web pages below:

Spokane River metals sites: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=442

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the 90 Percent Design Documents and SEPA/DNS at the following locations:

- Spokane Valley Library 12004 E. Main Ave., Spokane Valley, WA. Call 509/893-8400.
- Ecology's Eastern Regional Office Toxics Cleanup Program 4601 N. Monroe, Spokane, WA. (Please contact Kari Johnson for an appointment at 509/329-3415.)
- Please note: Substantative permit requirements may only be viewed at Ecology's Spokane office.

Loon Lake Self Service Site 3937 Gardenspot Road, Loon Lake Facility Site ID# 6676385

CSID# 5414

Public comment period: 5/17/12 - 6/18/12

Five-Year Periodic Review Report Available

You are invited to review and comment on a document called a periodic review for the Loon Lake Self Service site. Ecology conducts a periodic review at least every five years after the initiation of a cleanup action at a site, as required by the Model Toxics Control Act (MTCA). The purposes of the review are to evaluate site conditions after cleanup is considered complete, and to ensure protection of human health and the environment.

The Loon Lake Self Service site is used for commercial businesses, multi-family apartments, retail fuel services including a gas station, a grocery store, restaurant, and commercial and residential lease spaces. In 1997 there was a release of gasoline at the site. The release came from an underground storage tank on-site, and approximately 2, 320 gallons of gasoline were released from October 13 through November 5.

Immediately after the release, cleanup actions were taken to address the contamination. An air sparge system, vapor extraction system, free product recovery, and a domestic well treatment system were installed and activated. The domestic well treatment system was needed because of potential impacts to a nearby public well. Groundwater monitoring showed the treatment systems were successful in reducing contamination and by 2006 all of the wells met state groundwater standards.

Contaminated soils that could not be removed were covered with gravel, asphalt and concrete. This cover or cap eliminates direct exposure pathways to the contaminated soil. A restrictive covenant was placed on the property in 2006 because of the remaining contaminated soil. The covenant restricts how the land may be used and ensures long term integrity of the cap.

Ecology conducted a site visit on September 10, 2011, and concluded the cleanup actions at the site continue to be effective for protecting human health and the environment from contaminants. The property owner is responsible for continued inspections to ensure that the integrity of the cleanup actions are maintained. Another periodic review will be conducted in five years since contamination remains in soil.

Please submit comments and questions to Patti Carter.

Contact: Patti Carter

Eastern Regional Office

509/329-3522

patti.carter@ecy.wa.gov

More information may be found at the web pages below:

Loon Lake Self Service site: https://fortress.wa.gov/ecv/gsp/Sitepage.aspx?csid=5414

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the document at the following location:

• Ecology's Eastern Regional Office Toxics Cleanup Program – 4601 N. Monroe, Spokane, WA. (Please contact Kari Johnson for an appointment at 509/329-3415.)

#### THURSTON COUNTY

Industrial Petroleum Distributors Site 1117 and 1120 West Bay Drive NW, Olympia Facility Site ID# 1436

CSID# 4240

Public comment period: 5/17/12 - 6/18/12

Draft Agreed Order and Proposed Interim Action Available for Public Comment

Ecology invites the public to comment on a proposed agreed order with Atlantic Richfield Company (ARCO) for the Industrial Petroleum Distributors site. Under the proposed agreed order, ARCO will develop a remedial investigation report, feasibility study and draft cleanup action plan.

In the early 1950s, ARCO developed a bulk fuel storage and distribution facility on the site. Industrial Petroleum Distributors later used the site to store waste oil. Past activities contaminated soil, groundwater, and sediments with petroleum hydrocarbons.

The proposed agreed order will replace a 2000 agreed order Ecology entered into with ARCO and the owner of Industrial Petroleum Distributors — the Disclaimer Trust created under the Last Will and Testament of John J. O'Connell. The trust cleaned up the portion of the site west of West Bay Drive.

Questions may be directed to site manager Steve Teel.

Site Manager: Steve Teel

Southwest Regional Office

360/ 407-6247

Steve.Teel@ecy.wa.gov

More information may be found at the web pages below:

Industrial Petroleum Distributors site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4240

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following locations:

- Olympia Timberland Library 314 8th Ave. NW, Olympia, WA. Call 360/352-0595.
- Ecology's Southwest Regional Office Toxics Cleanup Program 300 Desmond Drive, Lacey, WA. (Please contact Debbie Nelson for an appointment at 360/407-6365 or **Debbie.Nelson@ecy.wa.gov**.)

For public involvement information, please contact Michael Bergman at (360) 407-0067 or Michael.Bergman@ecy.wa.gov.

#### WHATCOM COUNTY

Blaine Marina Inc. Site Blaine

Facility Site ID# 2888

**Public comment period: 4/9/12 - 5/9/12** 

Draft Agreed Order and Proposed Interim Action Available for Public Comment

Ecology invites the public to comment on a draft agreed order between Ecology and the Port of Bellingham, and interim cleanup action, for the Blaine Marina Inc. site in Blaine.

When finalized, the draft agreed order will first require the Port to perform an interim cleanup action to repair a damaged bulkhead, which is failing and at risk of spreading contamination to the waters of Blaine Harbor.

The Port will then be required to study the environmental conditions of the site (called a remedial investigation) and analyze cleanup options (called a feasibility study). This information will be used to develop a draft cleanup action plan, which describes the selected cleanup method. Upon Ecology approval that plan will then be implemented at the site.

Please direct questions and comments to site manager Jing Liu.

Site Manager: Jing Liu

Northwest Regional Office

425/ 649-4310 Jing.Liu@ecy.wa.gov

More information may be found at the web pages below:

Blaine Marina Inc. site: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=63

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following locations:

- Bellingham Public Library 210 Central Ave., Bellingham, WA. Call 360/778-7323.
- Ecology's Bellingham Field Office 1440 10th St. Call Linsay Albin at 360/715-5200 for an appointment.
- Ecology's Northwest Regional Office Toxics Cleanup Program 3190 160th Avenue SE, Bellevue, WA. (Please contact Sally Perkins for an appointment at 425/649-7190 or Sally.Perkins@ecy.wa.gov.)

YAKIMA COUNTY

NW Pipeline ST Yakima Site Facility Site ID# 516

2607 Terrace Heights Drive, Yakima

Public comment period: 5/9/12 - 6/11/12

Site Proposed for Removal from Hazardous Sites List

Ecology proposes to remove the NW Pipeline ST Yakima site from the Hazardous Sites List (HSL). The site was ranked a "3" on the HSL. (A rank of "1" represents the highest level of risk compared to other sites; a rank of "5" represents the lowest). Ecology has determined that this site does not pose a threat to human health or the environment and recommends removing the site from the HSL.

CSID# 3403

Please direct comments and questions to site manager Norm Peck.

Site Manager: Norm Peck

Central Regional Office

509/454-7837

Norm.Peck@ecy.wa.gov

More information may be found at the web pages below:

NW Pipeline ST Yakima: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3403

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following location:

• Ecology's Central Regional Office Toxics Cleanup Program – 15 W. Yakima Ave., Suite 200, Yakima, WA. (Please call 509/ 454-7658 for an appointment.)

NW Pipeline ST Grandview Site 141 Lindsey Lane, Grandview Facility Site ID# 513 CSID# 4199

Public comment period: 5/9/12 - 6/11/12

Site Proposed for Removal from Hazardous Sites List

Ecology proposes to remove the NW Pipeline ST Grandview site from the Hazardous Sites List (HSL). The site was ranked a "3" on the HSL. (A rank of "1" represents the highest level of risk compared to other sites; a rank of "5" represents the lowest). Ecology has determined that this site does not pose a threat to human health or the environment and recommends removing the site from the HSL.

Please direct comments and questions to site manager Norm Peck.

Site Manager: Norm Peck

Central Regional Office

509/454-7837

Norm.Peck@ecy.wa.gov

More information may be found at the web pages below:

NW Pipeline ST Grandview: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4199

Ecology's Public Events Calendar: http://www.ecy.wa.gov/; click on calendar.

You may review the documents at the following location:

• Ecology's Central Regional Office Toxics Cleanup Program – 15 W. Yakima Ave., Suite 200, Yakima, WA. (Please call 509/454-7658 for an appointment.)

### SITE HAZARD ASSESSMENTS (PLANNED)

FRANKLIN COUNTY

**Massey Ferguson Property** 815 North Oregon Street, Pasco

Jim Coleman

Benton-Franklin Health District

509/460-4319 jamesc@bfhd.wa.gov

PEND OREILLE COUNTY

**Dumont Mine** 

8 miles north of Metaline Falls

Contact:

Contact:

Facility Site ID# 9262883

Facility Site ID# 74849983

**Bryan Hunt** 

Northeast Tri-County Health District

509/684-2262 bhunt@trichd.org

**SPOKANE COUNTY** 

Warren Little Lund Building 2nd and McClellan, Spokane

Contact:

Facility Site ID# 79536166

Michael LaScuola

Spokane Regional Health District

509/324-1574

mlascuola@spokanecounty.org

2Go Tesoro 62148

104 West 2nd Avenue, Spokane

Contact:

Facility Site ID# 14814712

Michael LaScuola

Spokane Regional Health District

509/324-1574

mlascuola@spokanecounty.org

**STEVENS COUNTY** 

J&P's Service

Highway 231, Valley

Contact:

Facility Site ID# 23435853

**Bryan Hunt** 

Northeast Tri-County Health District

509/684-2262 bhunt@trichd.org CSID# 10388

CSID# 1487

CSID# 10563

CSID# 8059

Publication #12-09-041 J

CSID# 8375

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McNally Mine 5 miles west of Northport

Contact:

Facility Site ID# 5612248

CSID# 1091

**Bryan Hunt** 

Northeast Tri-County Health District

509/ 684-2262 bhunt@trichd.org

#### INDEPENDENT CLEANUPS

A property owner may conduct an independent cleanup of contamination and submit reports to Ecology.

#### INDEPENDENT CLEANUP CONTACTS

Central Regional Office Contact: e-mail Roger. Johnson@ecy. wa.gov or call 509/575-2490

Eastern Regional Office Contact: Doug Ladwig, e-mail Doug.Ladwig@ecy.wa.gov or call 509/329-3440 Northwest Regional Office Contact: Donna Musa, e-mail Donna.Musa@ecy.wa.gov or 425/649-7136 Southwest Regional Office Contact: Kim Cross, e-mail Kim.Cross@ecy.wa.gov or call 360/407-6240

#### **CHELAN COUNTY**

Lake Chelan Boat Co. Lady of the Lake II 1418 West Woodin Avenue, Chelan Facility Site ID# 93262331

CSID# 11738

Independent Cleanup Action Report Received

Date Report Received: 5/4/12

Name of report: Well Installation Report

Date of report: 4/27/12

Type of report: Groundwater well installation

Contaminants reported: Diesel Affected media: Soil, groundwater

Contact: Roger Johnson

Central Regional Office

509/454-7868

Roger.Johnson@ecy.wa.gov

#### YAKIMA COUNTY

Bleyhl Farm Service Sunnyside 1720 Eastway Drive, Sunnyside Facility Site ID# 56531667

CSID# 6304

Independent Cleanup Action Report Received

Date Report Received: 5/7/12

Name of report: March 2012 Quarterly Groundwater Monitoring Report

Date of report: 5/4/12

Type of report: Groundwater well installation

Contaminants reported: Diesel Affected media: Groundwater

Contact: Roger Johnson

Central Regional Office

509/454-7868

Roger.Johnson@ecy.wa.gov

Jackpot Food Mart 066 1121 South 16th Street, Sunnyside Facility Site ID# 36729576

CSID# 5961

Independent Cleanup Action Report Received

Date Report Received: 5/10/12

Name of report: Groundwater Monitoring Report Fourth Quarter 2011

Date of report: 5/4/12

Type of report: Groundwater monitoring report

Contaminants reported: Petroleum Affected media: Groundwater

Contact: Roger Johnson

Central Regional Office

509/454-7868

Roger.Johnson@ecy.wa.gov

#### **VOLUNTARY CLEANUP PROGRAM**

A property owner cleaning up a contaminated site may enter Ecology's Voluntary Cleanup Program (VCP).

#### **VCP CONTACTS**

Central Regional Office VCP Contact: Frosti Smith, e-mail Frosti.Smith@ecy.wa.gov or call 509/ 454-7841 Eastern Regional Office VCP Contact: Patti Carter, e-mail: Patti.Carter@ecy.wa.gov or call 509/ 329-3522 Northwest Regional Office VCP Contact: Donna Musa e-mail Donna.Musa@ecy.wa.gov or call 425/ 649-7136 Southwest Regional Office VCP Contact: Kim Cross, e-mail Kim.Cross@ecy.wa.gov or call 360/ 407-6240

**NEWS & NOTES** 

### **Toxics Cleanup Program Science Panel meets June 11**

Ecology's Toxics Cleanup Program Science Panel will meet from 9 a.m. to 3:30 p.m. June 11 at the University of Washington's Center for Urban Horticulture in Seattle. The meeting is open to the public. It will be in NHS Hall A, 3501 NE 41st St., Seattle.

For more information, please contact Martha Hankins at Martha.Hankins@ecy.wa.gov or 360/407-6864. The agenda and materials will be available prior to the meeting at http://www.ecy.wa.gov/programs/tcp/SciencePanel2009/SciencePanel\_hp.html.

### Change coming for wellhead elevation data submitted to Ecology

As of June 4, 2012, Ecology will require that all wellhead elevations submitted to the Environmental Information Management System (EIM) be referenced to the North American Vertical Datum of 1988 (NAVD88).

EIM uses wellhead elevations and depth to water measurements to calculate groundwater elevations across the state. In order to compare water level elevations, wellhead elevations must be surveyed or normalized to a common datum.

Ecology recognizes that many sites such as gas stations have commonly used a site-specific or "local" datum for wellhead elevations. A document has been created to help convert local datums to NAVD88. The document will soon be posted to the Ecology EIM Internet page.

#### **GLOSSARY**

**Agreed order** - A legal agreement with Ecology to make sure the cleanup meets the standards of Washington State's cleanup law, the Model Toxics Control Act (MTCA).

Cleanup action plan (CAP) - A document that describes the selected cleanup method(s) and specifies cleanup standards and other requirements. It is based on information and technical analyses generated during the RI/FS and consideration of public comments and community concerns. A draft of the CAP (DCAP) is made available for public review and comment before finalizing.

Comment period - A time period during which the public can review and comment on various documents and Ecology or EPA actions. For example, a comment period is provided to allow community members to review and comment on proposed cleanup action alternatives and proposed plans. Also, a comment period is held to allow community members to review and comment on draft feasibility studies.

**Consent decree** - A formal legal agreement that is filed with a court. It describes studies and/or cleanup work to be done at a site and the terms under which that work is to be done.

**Engineering design report** - Engineering design reports outline the specific details for implementation and operation of the first phase of the cleanup actions.

**ERTS** - Environmental Response Tracking System

**Five-year periodic review** - A periodic review is conducted at least every five years after the initiation of a cleanup action at a site, as required by the Model Toxics Control Act (MTCA). The purposes of the review are to evaluate site conditions, after cleanup is considered complete, and to ensure protection of human health and the environment.

**Hazardous Sites List** - A statewide list of contaminated properties. Ecology may remove a site from the list only after determining that all remedial actions except confirmational monitoring have been completed and compliance with the cleanup standards has been achieved at the site, or the listing was erroneous.

**Independent cleanup action** - Any remedial action without department oversight or approval and not under an order or decree

LUST - Leaking Underground Storage Tank

NFA - No Further Action

PSI - Puget Sound Initiative

**Public participation plan** - Outlines and describes the tools Ecology will use to inform the public about site activities, and it identifies opportunities for the community to become involved in this process.

RCW - Revised Code of Washington

Remedial action - Construction work done to clean up a contaminated site.

**Remedial investigation/feasibility study** - Two distinct but related studies. They are usually performed at the same time, and together referred to as the "RI/FS."

**Responsiveness summary** - A summary of oral and/or written public comments received by Ecology during a comment period on key documents, and Ecology's responses to those comments.

RI/FS - See Remedial Investigation/Feasibility Study

SEPA - State Environmental Policy Act

**SHA**, **Site Hazard Assessment** - An assessment to gather information about a site to confirm whether a release of hazardous substances has occurred and to enable Ecology to evaluate the relative potential hazard posed by the release.

UST - Underground Storage Tank

**UXO** - Unexploded Ordnance

**Voluntary Cleanup Program (VCP)** - The VCP is one of several options for cleaning up a hazardous waste site under the state's cleanup law. Under this option, property owners may perform a cleanup independently and request services from Ecology for a fee.

WAC - Washington Administrative Code

WARM, Washington Ranking Method - The method used to rank sites placed on the Hazardous Sites List.

Additional glossary terms may be found on the Ecology website at: http://www.ecy.wa.gov/programs/tcp/tcp acronym list.htm

#### SITE INFORMATION ONLINE

Visit this link to find info on all TCP sites: https://fortress.wa.gov/ecy/gsp.

To find out about Public Events related to the sites listed in this issue, go to <a href="http://apps.ecy.wa.gov/pubcalendar/calendar.asp">http://apps.ecy.wa.gov/pubcalendar/calendar.asp</a>

#### **REGIONAL OFFICES**

Ecology Central Regional Office 15 West Yakima Ave., Suite 200 Yakima, WA 98902-3452

Ecology Northwest Regional Office 3190 160th Ave. SE Bellevue, WA 98008-5482 Ecology Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295

Ecology Southwest Regional Office 300 Desmond Drive Lacey, WA 98503

Ecology Headquarters Office 300 Desmond Drive Lacey, WA 98503