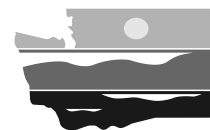


Site Register

WASHINGTON STATE DEPARTMENT OF ECOLOGY TOXICS CLEANUP PROGRAM



DEPARTMENT OF
ECOLOGY
State of Washington

OCTOBER 18, 2012

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Visit Ecology's Public Involvement Calendar for more information.

Go to <http://www.ecy.wa.gov/> and click on Public Calendar.

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.

ADAMS COUNTY

Burlington Northern Othello Site **Facility Site ID# 558** **CSID# 1909**
Located at Broadway and Main streets in the industrial section of western Othello, Adams County

Public comment period: 10/18/12 – 11/16/12

Periodic Review Report Available for Public Comment

Ecology invites you to review and comment on a periodic review for the Burlington Northern Othello 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. This is the second periodic review for this site.

The site was built as a railroad yard in 1908 and was used for refueling steam and electric locomotives and later diesel locomotives. BN purchased the property in 1980 and continued operations until 1982. It is currently used by Washington Central Railroad to load grains into railroad cars.

Total petroleum hydrocarbons (TPH) contamination was found in soils and ground water at the site as a result of the locomotive refueling activities that occurred. After a series of studies and cleanup actions, TPH levels in soil and ground water meet state standards for cleanup.

Cleanup at the site included capping soils that could not be removed, diverting groundwater, and institutional controls that ensure the integrity of the cleanup action and protect the public from exposure pathways.

Based on the recent five-year periodic review, Ecology has concluded:

- Groundwater cleanup levels have been met at the site.
- The cleanup action complies with MTCA cleanup standards for soil.
- A restrictive covenant for the property is in place. It is effective in protecting public health and the environment from exposure to hazardous substances. It also protects the integrity of the cleanup action.
- Sufficient monitoring has been done to demonstrate that the remedy has effectively contained the TPH contamination in soils.
- All performance monitoring has been completed.
- No further action is needed.

Please direct questions and written comments to site manager Teresita Bala.

Site Manager: **Teresita Bala**
Eastern Regional Office
509/ 329-3543
tbal461@ecy.wa.gov

More information may be found on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Burlington Northern Othello site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1909>
- Ecology's Eastern Regional Office Toxics Cleanup Program – 4601 N. Monroe, Spokane, WA. (Please contact Kari Johnson for an appointment at 509/ 329-3415 or Kari.Johnson@ecy.wa.gov.)

Para asistencia en Espanol: Richelle Perez, 360/ 407-7528

CLALLAM COUNTY

K Ply Site **Facility Site ID# 1002** **CSID# 28**
439 Marine Drive, Port Angeles

Public comment period: 10/18/12 – 11/19/12

Open house: 6:30 p.m. 10/22/12 in Linkletter Hall at Olympic Medical Center, 939 Caroline St., Port Angeles

Draft Agreed Order and Interim Action Work Plan Available for Public Comment

Ecology invites the public to comment on an agreed order and interim action work plan for the K Ply site (also known as PenPly or Peninsula Plywood). The proposed agreed order requires the Port of Port Angeles (port) to do an interim action and develop a remedial investigation report, feasibility study, and draft cleanup action plan.

Ecology is accepting comments and questions on the agreed order and interim action plan from Oct. 18 through Nov. 19, 2012. The port may begin work during the comment period.

Ecology staff will hold a public open house starting at 6:30 p.m. Oct. 22 in Linkletter Hall at Olympic Medical Center, 939 Caroline St., Port Angeles. Site manager Connie Groven will give a presentation at 7 p.m.

From 1941 to 2011, a plywood mill operated on the K Ply property, which the port owns. Past operations contaminated soil and groundwater at the site with petroleum hydrocarbons, benzene, ethylbenzene, toluene, and xylenes, as well as pentachlorophenol. In 2005, Ecology entered into an agreed order for the Marine Trades Area site, which at that time included the K Ply property. Since then, investigations have shown that there are separate sources of contamination on the Marine Trades Area and K Ply properties. As a result, Ecology is separating the sites.

Please direct questions and written comments to site manager Connie Groven.

Site Manager: **Connie Groven**
Southwest Regional Office
360/ 407-6335
Connie.Groven@ecy.wa.gov

More information may be found on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- K Ply site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=28>
- 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.
- 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, contact Diana Smith at 360/ 407-6255 or Diana.Smith@ecy.wa.gov.

KING COUNTY

Kenmore Industrial Park Site **Facility Site ID# 2348** **CSID# 2134**

Kenmore

Public Meeting Summary Now Available

Ecology, the Washington State Department of Transportation, the city of Kenmore, and the Washington State Department of Health held a public meeting in Kenmore on July 18, 2012.

The agencies provided an update on the Kenmore Industrial Park site, project schedule, next steps, learn about neighboring sites, and Harbour Village Marina. Staff members from the agencies were available to answer questions during the open house and during the public meeting. The open house was held from 5:30 to 7 p.m.; the public meeting started at 7 p.m. A public meeting summary is available at the web pages below:

Kenmore Industrial Park: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=2134>

Harbour Village Marina: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=9197>

Kenmore Industrial Park Site **Facility Site ID# 2348** **CSID# 2134**

Kenmore

Draft Sediment Sampling and Analysis Plan Available for Public Review

The draft Sediment Sampling and Analysis Plan for the Kenmore waterfront is available for public review on Ecology’s website at <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=9197>.

Please direct questions and written comments for the draft plan by Oct. 29, 2012, to Maura O’Brien at mobr461@ecy.wa.gov or 425/ 649-7249.

Bullard Property Site **Facility Site ID# 95777**

6832 34th Avenue NE, Seattle

Public comment period: 9/20/12 – 10/22/12

Periodic Review Report Available for Public Comment

Ecology invites you to review and comment on a document called a periodic review for the Bullard Property 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 heating oil releases to soil from a heating oil underground storage tank. The tank was removed in January 2004. A total of 119 tons of contaminated soil were subsequently removed in 2005 and treated off-site.

Contaminated soils still remain in the yard and beneath the southwest corner of the basement following excavation. The excavation pit was backfilled with controlled density fill. A vapor collection system was installed beneath the southwest corner of the basement floor to mitigate any possible intrusion of vapors.

Following remedial activities, Ecology issued a No Further Action (NFA) determination letter on Aug. 27, 2007, contingent upon an environmental covenant filed on the property on July 20, 2007. Results of the periodic review show the environmental 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.

Ecology will review comments its receives and make recommendations for suggested changes. The periodic review will become final if no significant changes are made. Another public comment period will be held if significant changes are made.

Please direct questions and written comments 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 on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Bullard Property site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3170>
- 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).

Olympic Steamship Co. Inc. Site
8220 South 212th Street, Kent

Facility Site ID# 95777

Public comment period: 9/28/12 – 10/29/12

Site Proposed for Removal from Hazardous Sites List

Ecology proposes to remove the Olympic Steamship Co. Inc. site at 8220 South 212th Street in Kent from the Hazardous Sites List. The commercially zoned property is 16.7 acres of land. It's currently a warehouse building with paved asphalt parking.

In 1999, this site was ranked a 3 and placed on the Hazardous Sites List (HSL). The HSL is a record of contaminated sites throughout the state that are ranked on a scale of 1 to 5. One represents the greatest potential threat to human health and the environment relative to all sites ranked; 5 represents the least potential threat.

In June 1999, the Olympic Steamship property underwent supplemental remedial activities, which included excavation of all the remaining contaminated soil. Conditional points of compliance for groundwater were re-established along the property boundary. Groundwater monitoring was resumed on the Olympic Steamship property at that time. In 2010, groundwater monitoring showed that concentrations of petroleum hydrocarbons no longer exceeded state MTCA Method A cleanup levels. Five additional quarters of groundwater monitoring were completed. During this time, the concentrations of diesel in groundwater remained below state cleanup standards. Olympic Steamship requested a No Further Action determination for the site.

Ecology determined that the cleanup objectives for both soil and groundwater remediation have been met and no further action is needed. Ecology now proposes to remove the site from the HSL.

Please direct questions and written comments to site manager Dale Myers.

Site Manager: **Dale Myers**
Northwest Regional Office
425/ 649-4446
damy461@ecy.wa.gov

More information may be found on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Olympic Steamship Co. Inc. site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=1388>

• 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).

Former Exxon Station 7-7063 Site
209 Central Way, Kirkland

Facility Site ID# 74267938

Public comment period: 10/18/2012 – 11/19/12

Periodic Review Report Available for Public Comment

Ecology invites you to review and provide comment on a document called a periodic review for the Former Exxon Station 7-7063 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 associated with a former Exxon gasoline station property, and defined by releases of waste oil, diesel, heating oil, and gasoline to soil and groundwater. All the underground storage tanks and associated piping were removed in 1990, and the property was redeveloped as a train toy store in 1994. Cleanup conducted at the site included excavation, soil vapor extraction, air sparging, pump and treat.

Following cleanup activities, diesel and gasoline-range petroleum hydrocarbons remain in soils on the property. However, the contaminated soil was isolated from infiltration and from direct human contact by the building, asphalt and concrete pavement, and topsoil in the limited landscape areas. These covering materials or structures act as a cap.

Results from groundwater monitoring have demonstrated that the plume has been contained within the property and contaminant levels are below applicable MTCA Method A cleanup levels since 2002.

Ecology issued a No Further Action (NFA) determination letter on May 23, 2007, contingent upon an environmental covenant filed on the property on April 5, 2007. Results of the periodic review show the environmental 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.

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 questions and written comments 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 on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

• Former Exxon Station 7-7063 site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=6601>

• 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).

KITSAP COUNTY

Crownhill Elementary School (Bremerton School District) Site
1500 Rocky Point Road, Bremerton

Facility Site ID# 99722456

CSID# 4487

Update on Status of Remedial Activities

In 2010, Ecology and the Bremerton School District signed an agreed order to clean up the Crownhill Elementary School site in accordance with the state's cleanup regulations (Model Toxics Control Act).

Ecology and Bremerton School District are providing a status update on the remedial activities at the site:

- Deep petroleum assessment – Additional drilling on the Crownhill property is planned to assess residual petroleum hydrocarbons that have accumulated on the regional water table surface at a depth of about 125 feet below ground surface. Drilling is planned from 8 a.m.-5 p.m. Oct. 25 through 28, 2012. The construction area will be fenced off. For more information about the drilling work, please contact Doug Hillman at Aspect Consulting LLC at 206/ 838-5833.
- Groundwater monitoring – Quarterly groundwater quality monitoring continues, with the next sampling event planned for October 2012.
- Finalize remedial investigation report – The report documenting the nature and extent of environmental impacts at the site will be submitted to Ecology in December 2012.
- Draft feasibility study and cleanup action plan – The feasibility study will evaluate a range of potential cleanup alternatives for the site and the cleanup action plan will detail the proposed remedy to ensure Site conditions remain protective of human health and the environment. These documents will also be submitted to Ecology in December 2012.
- Second agreed order for remedy implementation – Bremerton School District will satisfy the requirements of the existing agreed order upon completion of the remedial investigation, feasibility study, and cleanup action plan. Ecology and the Bremerton School District intend to negotiate a second agreed order that governs cleanup of the property under MTCA. The second agreed order is anticipated to take effect in early 2013.

Please direct questions and written comments to site manager Russ Olsen.

Site Manager:

Russ Olsen
Northwest Regional Office
425/ 649-7190
russ.olsen@ecy.wa.gov

More information may be found on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Crownhill Elementary School site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4487>
- 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.)

LEWIS COUNTY

Cowlitz Stud Company Site
302 State Route 7, Morton

Facility Site ID# 14292138

Public comment period: 10/4/2012 – 11/5/12

Periodic Review Report Available for Public Comment

The former Cowlitz Stud Company Site is located at 302 State Route 7 in Morton in Lewis County. According to Ecology records, four Underground Storage Tanks (USTs) were decommissioned at the site in 1987.

A site investigation was conducted in August 1999. Soil and groundwater samples were collected. Diesel-range total petroleum

hydrocarbons (TPH-D) were identified in soil and in groundwater at concentrations above the state Model Toxics Control Act (MTCA) cleanup level.

The source of the diesel contamination was presumed to be releases from the former diesel fueling USTs that were removed from this area in 1987. The estimated volume of diesel-contaminated soil present beneath the site was about 7,000 cubic yards over an area of 0.8 acres. However, results of five rounds of quarterly groundwater monitoring from June 1999 through October 2000 showed contamination levels below MTCA Method A cleanup levels.

Because the site was used for industrial purposes, the property owner proposed the use of industrial cleanup levels at the site. In general, industrial cleanup levels are less stringent than the residential cleanup levels for many contaminants.

A system of groundwater monitoring (with quarterly sampling) and of soil sampling was implemented from June 1999 to October 2000. The extent of TPH-D contamination of groundwater indicated that the spread of the diesel in the groundwater was stable and all concentrations were below MTCA Method A cleanup levels.

Additionally, in order to prevent future, potential unacceptable risks associated with the diesel impacts at the site, a two-part remedy was proposed:

- Implementation of institutional controls to maintain industrial land use and to prevent installation of water supply wells that would draw from the impacted zone.
- Management of any incidental removal of petroleum-contaminated soils.

Ecology issued a No Further Action determination in October 2001. A restrictive (environmental) covenant was recorded for the site in August 2001; it remains in place and appears to be protective.

Please direct questions and written comments 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 on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Cowlitz Stud Company site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=6030>
- Mountain View Timberland Library – 210 Silverbrook Road, Randle, WA. Call 360/ 497-2665.
- 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.)

OKANOGAN COUNTY

Silver Mountain Mine Site
County Road 4371, Loomis

Facility Site ID# 101

CSID# 3033

Public comment period: 10/4/2012 – 11/5/12

Periodic Review Report Available for Public Comment

Ecology invites you to review and comment on the fourth five-year periodic review at the Silver Mountain Mine site. 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. 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 written comments and questions to periodic review coordinator Jeff Newschwander.

Periodic Review Coordinator: **Jeff Newschwander**
Central Regional Office
509/ 454-7841
Jeff.Newschwander@ecy.wa.gov

More information may be found on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Silver Mountain Mine site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3033>
- EPA website: <http://1.usa.gov/QPO4dP>
- Ecology's Central Regional Office Toxics Cleanup Program – 15 W. Yakima Ave., Suite 200, Yakima, WA. (Please call 509/ 454-7658 for an appointment.)

PACIFIC COUNTY

Nemah River Bridge Site Facility Site ID# 3887406
North Nemah River Road, Pacific County

Public comment period: 9/20/2012 – 10/22/12

Periodic Review Report Available for Public Comment

Ecology invites you to review and comment on a periodic (5-year) review of the Nemah River Bridge site in Pacific County near the town of South Bend.

The site is located on the western edge of the county on North Nemah River Road. It consists of the upland area surrounding the bridge over the Nemah River and is surrounded by residential and undeveloped land.

The original bridge at the site was constructed in 1952. In May 2005, Pacific Crest Construction was contracted to replace the existing bridge with a concrete reinforced bridge. During removal of the existing bridge, soils and bridge deck material were found to have heavy petroleum odors. Subsequent sampling confirmed the presence of petroleum hydrocarbons in surrounding soils and within the wood.

In May 2005, a contractor hired by Ecology was supervising proper handling and disposal of petroleum contaminated soils found during the bridge replacement work. The contractor took both soil samples and one wood sample. The test results showed diesel- and oil- range total petroleum hydrocarbons above state (Model Toxics Control Act or MTCA) cleanup levels.

About 513 tons of contaminated soils and 200 tons of contaminated wood waste were transported from the site to waste disposal facilities offsite. Remaining stockpiled soils were sampled and determined to be clean and acceptable for reuse at the site. These soils were temporarily stored in a fill area adjacent to the bridge. This stockpiled material was from a variety of locations and consisted of the north and south shoulder materials before the temporary bridge detour was installed, including topsoil, gravel, grass, roots, and tree debris.

In June 2005, it was determined that remaining stored soils would not be reused and would also be disposed of at a landfill. An additional 500 tons of soil were removed from the fill area.

Confirmation samples were collected from the limits of the excavation as these soils were excavated. Several of the confirmation samples taken from within the boundaries of the roadway contained TPH-D and TPH-O at concentrations exceeding MTCA cleanup levels.

It was determined that contamination remaining beneath the paved roadway would not pose a threat to human health and the environment if institutional controls were implemented at the site through the use of a restrictive covenant. The restrictive covenant was recorded for the site in August 2006 and Ecology issued a determination of No Further Action on Oct. 3, 2006. The owner is now aware of soil contamination in the roadway and will take proper precautions if roadway materials are disturbed.

Please direct questions and written comments 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 on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Nemah River Bridge site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3820>
- South Bend Public Library – 1st and Pacific, South Bend, WA. Call 360/ 875-5532.
- 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.)

PIERCE COUNTY

Tacoma Redevelopment Property, Parcel 3 Site 4
1500 Block of Dock Street, Tacoma

Facility Site ID# 1263

CSID# 3677

Corrected public comment period: 9/20/2012 – 10/22/12

Amended Consent Decree Document for Cleanup Available for Public Comment

Ecology invites you to comment on an amendment to the consent decree for the cleanup site on the 1500 block of Dock Street, on the Thea Foss Waterway. This portion of the Thea Foss cleanup site is Parcel 3, Site 4.

A consent decree is a legal agreement between Ecology and one or more potentially liable persons (PLPs) and recorded by a court in which the PLPs agree to do cleanup actions on a contaminated site.

The federal Superfund program identified the Thea Foss Waterway as a contaminated waterway in the 1980s. The sediments were polluted with heavy metals and poly-chlorinated biphenyls (PCBs). Pollution on the shores of the waterway varies based on the historical uses of each area, and includes petroleum hydrocarbons, solvents and metals.

The U.S. Environmental Protection Agency (EPA) oversees cleanup of the waterway sediments; Ecology oversees cleanup of contaminated lands surrounding the waterway or contributing to waterway contamination. This amendment to the consent decree will add Tacoma Waterway LLC because it bought a portion of the parcel for development purposes.

Please direct questions and written comments to site manager Marv Coleman.

Site Manager: **Marv Coleman**
Southwest Regional Office
360/ 407-6259
Marv.Coleman@ecy.wa.gov

More information may be found on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Tacoma Redevelopment Property, Parcel 3 Site 4: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3677>
- 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, contact Michael Bergman at 360/ 407-0067 or Michael.Bergman@ecy.wa.gov.

Bruce Titus Nissan Site
4030 South Tacoma Way, Tacoma

Facility Site ID# 41363269

Public comment period: 9/20/12 – 10/22/12

Periodic Review Report Available for Public Comment

Ecology invites you to review and comment on a periodic (5-year) review of the Bruce Titus Nissan site at 4030 S. Tacoma Way in Tacoma. The Bruce Titus Nissan dealership was constructed in 1989 and continues to operate as an automobile dealership and service center.

Site investigations done in 2001 and 2002 using soil borings and monitoring wells showed no soils contamination. The sampling did show groundwater contamination above the state Model Toxics Control Act (MTCA) cleanup levels for trichloroethylene (TCE), chloroform, 1,2 dichloropropane, and bromodichloromethane.

Since there was no soils contamination and the groundwater contamination was coming from off-site sources, the environmental consultant working on the site suggested that the groundwater contamination was coming from the adjacent South Tacoma Field (Superfund site) property to the south of the Titus site. The U.S. Environmental Protection Agency, in a comfort letter, supported this conclusion. (A comfort letter limits the liability of a person whose property is impacted by a Superfund site).

No cleanup actions occurred at the Titus Nissan site. Instead, a determination of No Further Action (NFA) for groundwater was issued on the condition that a restrictive covenant was put in place. The restrictive covenant was recorded in December 2002. An interim NFA for soils was issued in September 2002. A final NFA determination for soil will be issued once it is shown that groundwater beneath the site is no longer contaminated.

Please direct questions and written comments 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 on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Bruce Titus Nissan site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3481>
- 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.)

Fred Tebb and Sons Inc. Site
1906 East Marc Street, Tacoma

Facility Site ID# 68672889

Public comment period: 10/4/12 – 11/5/12

Periodic Review Report Available for Public Comment

Ecology invites you to review and provide comments on a periodic (5-year) review report for the Fred Tebb and Sons Inc. site

located at 1906 E. Marc St. The site was formerly operated as a gas station with three underground storage tanks (USTs) and a dispenser island. Three USTs and the dispenser island were removed in March 1991 and July 1998.

The site contained one 500-gallon and two 1,100-gallon USTs. Contaminated soils that were discovered when the USTs were removed were excavated and transported offsite for treatment and disposal. However, some total petroleum hydrocarbons related soils contamination remained under an asphalt cap and buildings. The last four consecutive quarterly groundwater monitoring results were either non-detects or below MTCA cleanup levels.

A restrictive (environmental) covenant was recorded for the site in January 2003. It was determined that contamination at the site posed a limited threat to human health and the environment that could be mitigated by the use of institutional controls in the form of the restrictive covenant.

The covenant prohibits activities that could result in the release of contaminants that remain at the site. Since contaminated material is located under existing structures, the property owner must maintain the building structures that cover the contaminated soil, and inform anyone leasing the property.

Please direct questions and written comments 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:

Fred Tebb and Sons site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=7114>

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

You may review the documents at 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.)

Picks Cove Marina Site
1940 East D Street, Tacoma

Facility Site ID# 42518833

Public comment period: 10/18/12– 11/19/12

Periodic Review Report Available for Public Comment

Ecology invites you to review and provide comment on a periodic (5-year) review of the Picks Cove Marina site at 1940 E. D St. in Tacoma. Picks Cove Marine Center was a marine sales and repair facility. Currently the property includes a multilevel boat storage building and office buildings.

The site is bounded on the south by the Thea Foss Waterway. Prior to 1970, part of the site was used by the Dillingham Corporation and Foss Tug for boat storage, log storage and maintenance of tugs and barges. Ross Lumber also owned part of the site

Investigations conducted between 1997 and 2004 revealed a variety of contaminants in soil above state Model Toxics Control Act (MTCA) cleanup levels.

- Metals: Arsenic, cadmium, chromium, lead.
- Carcinogenic (cancer-causing) poly aromatic hydrocarbons (PAHs).

- Pentachlorophenol (a common ingredient in pesticides and disinfectants).
- Tributyltin chloride (a chemical used as a wood preservative and an anti-fungal agent used in marine paints and many other applications).

No chemicals above cleanup levels were detected in groundwater at that time.

Excavations conducted at the site in 2004 removed and disposed of about 500 cubic yards of metal contaminated soils. However, some contaminated soils above MTCA industrial cleanup levels were left in place next to the building. The entire site is covered by either an asphalt cap or buildings.

Groundwater samples taken at the same time also showed arsenic above MTCA cleanup levels. Groundwater monitoring started in 2007. Arsenic levels, although above MTCA cleanup levels, have consistently declined.

The site is located within an industrial zoning area and there are no future plans to change the property use. Therefore, industrial soil cleanup standards are applicable to this site. Groundwater beneath the site, although close to the salt water of the Thea Foss Waterway, is not used for drinking. However, MTCA Method A cleanup standards are still applicable for the site. Also, arsenic is a common contamination in the Tacoma area due to historic smelter operations.

A No Further Action determination was issued for the site in September 2004 following the recording of a restrictive (environmental) covenant for the property in July of that year.

A restrictive covenant requires the use of institutional controls to protect human health from the remaining contamination. In this case, the restrictive covenant requires that the site be used only for industrial purposes. Also, because contaminated soil remains under a building and some asphalt, neither can be disturbed so as to cause exposure to those contaminants. Groundwater monitoring must also continue and groundwater from the site may not be used as a source of drinking water.

Ecology reviews cleanups at least every five years to make sure they still protect human health and the environment. The restrictive covenant continues to be in place and its requirements appear to be protective. Ecology will respond to comments at the end of the comment period. Ecology will do another periodic review after five years.

Please direct questions and written comments 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 on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Picks Cove Marina site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=4654>
- 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.)

SNOHOMISH COUNTY

Kimberly-Clark Worldwide Site
2600 Federal Avenue, Everett

Facility Site ID# 9

Public comment period: 10/15/12 – 11/14/12

Public meeting: 6 p.m. 10/29/12 at Snohomish County PUD No. 1, 2320 California St., Everett

Draft Agreed Order, Public Participation Plan and SEPA Documents Available for Public Comment

Ecology invites you to review and comment on the agreed order and public participation plan for the Kimberly-Clark Worldwide site in Everett. The agreed order is a legal document issued by Ecology which formalizes an agreement for the actions needed at a site. This agreed order includes conducting a remedial investigation/feasibility study (RI/FS) and completion of a draft cleanup action plan (DCAP) for the site's upland area. Also, interim actions are anticipated for the upland area to remove contaminated soil and/or groundwater during demolition of the former mill.

The public participation plan describes public participation opportunities that will be conducted during the site cleanup. The draft SEPA Checklist and Mitigated DNS indicate that the cleanup option selected is unlikely to have significant negative environmental impacts in this location.

An open house and public meeting will be held from 6 to 8 p.m. Oct. 29 at the Snohomish County Public Utility District No. 1 at 2320 California St. in Everett. A presentation will start at 6:30 p.m. followed by a question-and-answer session at 7 p.m.

Please direct questions and written comments to site manager Andy Kallus.

Site Manager: **Andy Kallus**
Ecology Headquarters
360/ 407-7259
Andrew.Kallus@ecy.wa.gov

More information may be found on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Kimberly-Clark Worldwide site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=2569>
- Everett Public Library – 2702 Hoyt Ave., Everett, WA. Call 425/ 257-8010.
- Ecology's Headquarters Toxics Cleanup Program – 300 Desmond Drive SE, Lacey, WA. (Please contact Carol Dorn for an appointment at 360/ 407-7224 or Carol.Dorn@ecy.wa.gov.)

THURSTON COUNTY

Cooper Point Village Mart Site
3210 Cooper Point Road, Olympia

Facility Site ID# 80423515

Public comment period: 10/4/12 – 11/5/12

Periodic Review Report Available for Public Comment

Ecology invites you to review and provide comment on a periodic (5-year) review of the Cooper Point Village site in Olympia. The site is located at 3210 Cooper Point Road in Olympia in a rural residential area. The site is currently occupied by an active retail gasoline fueling station with two underground storage tanks (USTs), a fuel island, and a convenience store.

The site investigations conducted in June 1999 found soils and shallow (perched) groundwater were contaminated with gasoline-range total petroleum hydrocarbons (TPH-G) and benzene respectively above the Model Toxics Control Act (MTCA) Method A cleanup levels. Excavation of contaminated soil was begun in June 1999 after two unregistered USTs were confirmed. Each had a capacity of about 750 gallons. About 30 cubic yards of TPH-G contaminated soils were removed and disposed of offsite.

Additional excavation at the site was limited by the following conditions:

- The store foundation.
- The unshored north and south canopy support columns.
- A natural gas utility main.
- The hardness of glacial till soils underlying the Site, which exceeded the digging capability of the backhoe equipment that fit beneath the canopy roof.

Based on the soil sampling results, an estimated 20 cubic yards of TPH-G contaminated soil remains at the site below ground from 5 to 10 feet.

A restrictive (environmental) covenant was recorded for the site in 1999. A restrictive covenant requires the use of institutional controls to protect human health from the remaining soil contamination. In this case, the owner cannot remove or disturb the foundation of the fueling island canopy, must maintain the asphalt cap in good condition, and must inform anyone leasing the property about the possible presence of contamination.

Please direct questions and written comments 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 on Ecology's Public Events Calendar: <http://www.ecy.wa.gov/>; click on calendar.

You may review the documents at the following locations:

- Cooper Point Village Mart site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=6690>
- Olympia Timberland Library – 314 8th Ave. SE, 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, contact Diana Smith at 360/ 407-6255 or Diana.Smith@ecy.wa.gov.

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

BENTON COUNTY

Columbia Oil Co. / Sgt. Bubs Facility Site ID# 45583729 CSID# 6112
1345 Lee Boulevard, Richland
Independent Cleanup Action Report Received
Date Report Received: 9/20/12
Name of report: Groundwater Monitoring Well Sampling Report May 2012
Date of report: 6/18/12
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

KITTITAS COUNTY

Simpsons Texaco

Facility Site ID# 92387155

CSID# 6866

201 West 1st Street, Cle Elum

Independent Cleanup Action Report Received

Date Report Received: 9/24/12

Name of report: First Semiannual 2012 Groundwater Monitoring and Sampling Report

Date of report: 9/19/12

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

Dollar Way Mini Mart

Facility Site ID# 38115463

CSID# 5990

1404 North Dolarway Road, Ellensburg

Independent Cleanup Action Report Received

Date Report Received: 9/20/12

Name of report: Operation, Monitoring, and Maintenance Plan Air Sparging & Soil Vapor

Date of report: 9/18/12

Type of report: Operations and maintenance

Contaminants reported: Petroleum

Affected media: Soil

Contact:

Roger Johnson

Central Regional Office

509/ 454-7868

Roger.Johnson@ecy.wa.gov

**Kittitas County Fair Hcctor Property
Ellensburg**

Facility Site ID# 1369131

CSID# 1385

Determination of No Further Action

Ecology has determined that no further action is necessary at the Kittitas County Fair Hcctor Property site. The site had petroleum and suspected metals contamination in soil.

More information can be found at <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3815>.

Please direct questions to site manager Norm Hepner.

Site Manager:

Norm Hepner

Central Regional Office

509/ 457-7127

Norm.Hepner@ecy.wa.gov

YAKIMA COUNTY

Washington Beef Tallow Cleanup
201 West 1st Street, Cle Elum

Facility Site ID# 3930

CSID# 11870

Determination of No Further Action

Ecology has determined that no further action is necessary at the Washington Beef Tallow Cleanup site. The site had metals contamination in soil and suspected metals contamination in groundwater.

More information can be found at <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=11870>.

Site Manager:

Norm Hepner
Central Regional Office
509/ 457-7127
Norm.Hepner@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

CHELAN COUNTY

Stevens Pass Former Mini Mart Station Site
U.S. Highway 2

Facility Site ID# 56

CSID# 11421

VCP ID# CE0338

VCP/Independent Cleanup Action Report Received

Date Report Received: 10/5/12

Name of report: Quarterly Groundwater Sampling Report – August 2012

Date of report: 10/1/12

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

Unocal Bulk Plant 0853 Site
6 North 5th Street, Wenatchee

Facility Site ID# 346

CSID# 4713

VCP ID# CE0351

VCP/Independent Cleanup Action Report Received

Date Report Received: 10/3/12

Name of report: Conceptual Site Model

Date of report: 9/27/12

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

KING COUNTY

Stevens Pass Ski Resort Vehicle Maintenance Facility Site
Skykomish

Facility Site ID# 19775

CSID# 11420

VCP ID# CE0339

VCP/Independent Cleanup Action Report Received

Date Report Received: 10/5/12

Name of report: Quarterly Groundwater Sampling Report – August 2012

Date of report: 10/1/12

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

KITTITAS COUNTY

Pilot Travel Center 389
1512 Highway 97, Ellensburg

Facility Site ID# 18911356

CSID# 5649

VCP# CE0352

VCP/Independent Cleanup Action Report Received

Date Report Received: 8/2/12

Name of report: Second Quarter 2012 Groundwater Monitoring Report

Date of report: 7/25/12

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

Smittys 250 of Ellensburg
1503 Highway 97, Ellensburg

Facility Site ID# 62898962

CSID# 6407

VCP# CE0335

VCP/Independent Cleanup Action Report Received

Date Report Received: 9/24/12

Name of report: Final Cleanup Report

Date of report: 9/21/12

Type of report: Remedial action report

Contaminants reported: Petroleum

Affected media: Groundwater

Contact:

Roger Johnson

Central Regional Office

509/ 454-7868

Roger.Johnson@ecy.wa.gov

YAKIMA COUNTY

NW Pipeline Sunnyside Meter Station Site
9390 Emerald Road, Sunnyside

Facility Site ID# 513

CSID# 3670

Public comment period: 9/20/12 – 10/22/12

Site Proposed for Removal from Hazardous Sites List

Ecology proposes to remove the NW Pipeline Sunnyside Meter Station site from the Hazardous Sites List (HSL). The site was ranked a 3 on the HSL. (rank of "1" represents the highest level of risk compared to other sites, and 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 questions and written comments 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 Sunnyside Meter Station site: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=3670>

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

You may review the documents at the following locations:

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

NEWS & NOTES

Comment period extended for Sediment Management Standards rule

The public has two additional weeks to review and comment on draft rule changes to the state's Sediment Management Standards (SMS) for cleaning up contaminated in-water sediments.

The current public comment period started Aug. 15, 2012, and was slated to end Oct. 15. But Ecology is extending the end date to Oct. 29 in response to requests for more time to comment.

In 1991, Ecology adopted the SMS rule to guide management of sediments. The SMS rule is used to conduct environmental cleanup work, manage the dredging of sediment for navigation and cleanup, and manage sources of contamination to sediment from dischargers. The proposed changes will clarify requirements for cleanup of contaminated sediment sites to make the cleanup process more effective. They include:

- Clarifying requirements for cleanup of bioaccumulative chemicals that pose risks to human health and the environment. Examples of such chemicals include polychlorinated biphenyls (PCBs), dioxins and mercury.
- Integrating the cleanup requirements in the SMS and Model Toxics Control Act rules. The Model Toxics Control Act is the state's cleanup law, which stems from a voter-approved citizens initiative in 1988.
- Adopting freshwater standards to protect aquatic life that lives in and on sediments.

The proposed changes do not include a revised fish consumption rate for sediment cleanup projects. Ecology heard a number of concerns about identifying a specific rate, including questions about how it could impact a separate process to update water quality standards. After reviewing public comments, Ecology decided to clarify current requirements that specify that site-specific cleanups are designed using a "reasonable maximum exposure" standard. This is based on protecting Washingtonians who eat large quantities of fish, which in turn will protect all those who eat fish from Washington waters.

Ecology recently held public hearings on the proposed changes in Seattle, Bellingham, Lacey, Spokane Valley, and Richland.

Here's where you can view the proposed rule changes:

- Ecology's headquarters, 300 Desmond Drive SE, Lacey. Contact Carol Dorn at 360-407-7224 or Carol.Dorn@ecy.wa.gov for an appointment.
- Ecology's Central Regional Office, 15 W. Yakima Ave., Suite 200, Yakima. Call 509-454-7658 for an appointment.
- Ecology's Eastern Regional Office, 4601 N. Monroe, Spokane. Call 509-329-3415 for an appointment.
- Ecology's Northwest Regional Office, 3190 160th Ave. SE, Bellevue. Call 425-649-7190 for an appointment.
- Ecology's Sediment Management Standards webpage: www.ecy.wa.gov/programs/tcp/regs/2011-SMS/2011-SMS-hp.html

Here's how you can submit comments:

- Mail them to Adrienne Dorrah, Washington Department of Ecology, Toxics Cleanup Program, P.O. Box 47600, Olympia, WA 98504-7600.
- Email them to RuleUpdate@ecy.wa.gov.
- Attend a public hearing to provide comments. Ecology will review, consider and respond to all comments. The proposed changes may be modified based on public comments.

Ecology expects to adopt the rule in late 2012 or early 2013.

Updated fish consumption rate technical support document released

Ecology has released an update to a technical document that evaluates available data on fish consumption by Washington residents.

Ecology invites you to review and comment on the draft Fish Consumption Rates Technical Support Document through Oct. 26, 2012. The agency will consider any comments it receives before finalizing the document in late fall.

Ecology is working to accurately identify how much fish residents eat so that protective standards may be set for water quality and in-water sediments. Accurate fish and shellfish consumption rates help to maintain the quality of Washington's aquatic environment. In turn, that protects people's health and Washington's healthy, rich fish and shellfish resources.

Ecology distributed the first draft of the technical support document for public review in October 2011. The agency asked all interested parties – including tribes, industries, municipalities, and citizens of Washington – to engage in a meaningful dialogue on fish consumption rates. After receiving several hundred comments on the first draft, Ecology revised the technical support document. The update:

- Focuses on scientific and technical issues, and removes perceived regulatory decisions, including a recommended range for fish consumption rates. Decisions on how to use the data will be part of the formal public regulatory process of revising the state's surface water quality standards with human health criteria, which will include a fish consumption rate.
- Adds more information about fish consumption and exposure to contamination faced by both the general and recreational fishing population.

Go to <http://www.ecy.wa.gov/toxics/fish.html> to review the document and find other information.

- Mail comments to Adrienne Dorrah, Washington Department of Ecology, Toxics Cleanup Program, P.O. Box 47600, Olympia, WA 98504-7600.
- Email comments to fishconsumption@ecy.wa.gov.

Ecology announces updates to policies and procedures

Ecology's Toxics Cleanup Program (TCP) has recently updated the following policies and procedures:

- **Procedure 550B:** Property Liens under RCW 70.105D.055. This is a new procedure describing the process Ecology will use to place a lien on a property under authority granted by the Model Toxics Control Act (70.105D RCW). This applies to contaminated sites where the property owner is delinquent in reimbursing Ecology for costs of remedial actions and related expenses.
- **Cleanup Information and Risk Calculations (CLARC):** The toxicity information for trichloroethylene and tetrachloroethylene, and associated concentrations for various exposure pathways, has been updated and posted in the CLARC database under the "Guidance" tab.

To obtain a copy of these and other TCP policies, go to <http://www.ecy.wa.gov/programs/tcp/policies/tcpoly.html> or contact Adrienne Dorrah at 360/ 407-7195 or Adrienne.Dorrah@ecy.wa.gov.

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

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.

PSI - Puget Sound Initiative

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

Site Hazard Assessment (SHA) - 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 <http://apps.ecy.wa.gov/pubcalendar/calendar.asp>

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
