WASHINGTON STATE DEPARTMENT OF ECOLOGY
NORTHWEST REGIONAL OFFICE

DEPARTMENT OF
ECOLOGY
State of Washington

TO: Memorandum to the File

THROUGH: Robert Warren, TCP NWRO Section Manager and
Ching-Pi Wang, TCP NWRO Uplands Unit Supervisor

FROM: Maura S O'Brien, TCP NWRO Senior Hydrogeologist & Site Manager and
Nancy Lui, TCP NWRO Public Outreach Specialist

SUBJECT: Responsiveness Summary for the Ultra Corporation former Pace National Site
Public Comment Period January 27 to February 27, 2012
Site Cleanup Id. No. #5063 and Facility Site Id. No. #2159

DATE: April 12, 2012

The Responsiveness Summary documents the public comment period for the Ultra Corporation, former Pace National Site, located at 500 Seventh Avenue South, Kirkland, Washington. The Site Cleanup identification number is #5063 and the Facility Site identification number is #2159. This comment period was held from January 27 through February 27, 2012 to receive comments on the Pace National Site proposed cleanup action and include:

- Draft Remedial Investigation/Feasibility Study Report
- Draft Consent Decree
- Draft Cleanup Action Plan
- Updated Public Participation Plan
- State Environmental Policy Act (SEPA) Checklist and Determination of Non-Significance (DNS)

Ecology received three comments, which are listed below with Ecology's reply to each comment. In summary, no substantial changes were requested and the Consent Decree, Cleanup Action Plan, and associated documents are now final.

The Pace National Site file was made available at three information repositories:

- Washington Department of Ecology Northwest Regional Office at 3190 – 160th Avenue SE, Bellevue, WA 98008
- King County Library in Kirkland at 308 Kirkland Avenue, Kirkland, WA 98033
- Ecology's Toxics Cleanup website
https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5063

The public was notified about this comment period through the avenues listed below and copies are available for review in Appendix A as follows:

- Ecology compiled a mailing list for the Pace National Site including citizens, businesses, agencies, Moss Bay Neighborhood Association and those requesting to be on the mailing list (approximately 1845 individuals or organizations).
- Fact Sheet was mailed on January 20, 2012 to those on the mailing list.
- The Fact Sheet was posted on the Ecology website on January 26, 2012.
- A Display Ad was published in the Kirkland Reporter on January 27, 21012.
- A notice was published in Ecology's Site Register Publication #12-09-041 C.
- Notice of the comment period was posted on Ecology's internet calendar.

Ecology received three comments for the proposed Consent Decree and Cleanup Action Plan and associated documents. One comment was for clarification, one comment requested a public hearing, and one set of comments was from a consultant for the City of Kirkland. No substantial changes were requested and the Pace National Site documents are now final. A copy of each comment and Ecology reply are printed in Appendix B.

Comment #1. Mr. Erik Ruf, resident in the City of Kirkland sent an email notifying Ecology that page 10 was missing on the electronic copy of the Consent Decree.

Ecology reply #1. Ecology emailed a copy of page 10 to Mr. Ruf and corrected the Pace National Site webpage for the Consent Decree.

Comment #2. Mr. Curtis Thompson, resident of City of Kirkland sent an email requesting a public hearing for the proposed cleanup and requesting a digital copy of the Consent Decree.

Ecology reply #2. Ecology telephoned Mr. Thompson to confirm his request for a public hearing and ask if he had any questions about the site and the proposed cleanup or other site issues. Mr. Thompson declined to mention any comments. No other persons requested a public meeting or public hearing, so no public meeting or hearing was scheduled. Ecology emailed Mr. Thompson a copy of the Consent Decree.

Comment #3. Mr. Lance Peterson with CDM Smith consultants on behalf of the City of Kirkland submitted two questions. Question -A was about arsenic in groundwater near the railroad tracks, and question -B was about sufficient investigation at the site's drum storage area.

Comment #3 Question -A. Arsenic was detected in groundwater near the property boundary with the railroad right-of-way at concentrations exceeding the MTCA cleanup level of 5 micrograms per liter (µg/L or parts per billion). The proposed Pace Cleanup Action Plan appears to only address residual vinyl chloride in groundwater. Please clarify that no further investigation or cleanup is warranted for arsenic.

Ecology Reply Comment #3 Question -A. The Pace National Site Remedial Investigation Report (Sound Environmental Strategies, December 13, 2010) lists six groundwater monitoring (Table 10) and 31 soil sampling (Table 7) results for metals, specifically for arsenic. First I will discuss the groundwater results and then the soil results. The arsenic groundwater results show:

- HC-MW-1 with arsenic at 22 μg/L with MTCA Method A cleanup action level at 5 μg/L (parts per billion).
- HC-MW-2 with arsenic at 43 μg/L.
- HC-MW-2R with arsenic at <5 μg/L or none detected.
- HC-MW-5 with arsenic at <5 μg/L or none detected.
- HC-MW-6 with arsenic at <5 μg/L or none detected.
- SP-34/HC-MW-6 with arsenic at <5 μg/L or none detected.

The results at wells HC-MW-1 and MW-2 show elevated levels of arsenic above MTCA Method A cleanup level of 5 μg/L (parts per billion). No further sampling was conducted at MW-1 and only one event at MW-2R (MW-2R replaced MW-2 which was closed due to excavation) and one event at MW-5 and two events at MW-6. These wells were subsequently closed and are not available for further monitoring. So, four results show no arsenic issue.

Monitoring wells MW-1 and MW-2 are located up-gradient along the east property line along the railroad track right-of-way. Well MW-6 and the entire site is down gradient in the direction of groundwater flow, so if arsenic is a chemical of concern at this location then one would expect elevated arsenic in soil and groundwater samples at well MW-6 and throughout the site.

The soil arsenic results show all 31 soil results substantially below the MTCA Method A cleanup level of 20 mg/kg (parts per million) with 21 of the 31 samples below the detection limit of less than 2 mg/kg. This equates to 70 percent of the soil samples being below the detection limit and consequently the cleanup level protective of direct contact and groundwater based on MTCA Method A. Method A arsenic level has been adjusted for natural background for soil (See Table 745-1 Model Toxics Control Act Chapter 173-340 WAC revised November 2007).

The 10 soil sample results that showed arsenic detection ranged from 2.2 to 9.6 mg/kg, and eight of the ten samples, the concentration is less than 5.14 mg/kg. Washington State soils typically have arsenic levels between 5.13 to 8.47 mg/kg with the Puget Sound lowlands at 90th percentile average arsenic concentration at 7.3 mg/kg (Ecology Publication #94-115, 1994). So, the Puget Sound average arsenic concentration (natural background) is substantially above 29 of the 31 soil samples, suggesting that arsenic is not a chemical of concern at this site.

Furthermore, several of the soil arsenic samples located down gradient from wells MW-1 and MW-2 are below detection limits. Potentially arsenic contaminated groundwater, if significant, could result in elevated arsenic in these downgradient soils. This further supports that if wells

MW-1 and MW-2 arsenic levels were an issue, then there would be elevated arsenic in the down gradient soils and groundwater, and there are not.

Finally to quote from the RI Report, "Arsenic can be eliminated as a chemical of concern in groundwater [and soil] at the site because the concentration of arsenic in groundwater since the October 2003 interim removal action at the former Railroad Unloading Area has not exceeded the MTCA Method A cleanup level (Remedial Investigation Report, SES 2010, page 34).

Comment #3 Question -B. Areas of the former Pace facility that were located adjacent to the rail right-of-way include a drum storage yard with an access gate that opened to the right-of-way and an 8,000-gallon above ground storage tank (AST) with unidentified contents. The drum storage yard was reportedly used for storage of raw materials, product, and empty drums. The drum storage yard is shown on remedial investigation/feasibility study (RI/FS) figures as fully paved with asphalt. However, earlier documents in Ecology's files indicate that it was only partially paved; an approximately 40-foot wide strip along the south side of the building was unpaved. This area appears to have not been investigated as part of the remedial investigation. Please confirm that the eastern portion of the drum storage yard has been adequately characterized.

Ecology Reply Comment #3 Question –B. I will describe soil and groundwater separately and use the Remedial Investigation Report (SES 2010) as a reference. Extensive soil testing has been conducted in the Drum Storage Area and throughout the site and these results showed no detection for all chemicals of concern with one exception (listed below).

The Drum Storage Area testing results include the following analyses:

- Petroleum (TPH-gas, -diesel, -oil, mineral spirits and kerosene) tested 14 samples at 10 locations within DSA from 0.5 to 10 ft below ground surface.
- Volatile organic compounds - 12 samples.
- Semi-volatile organic compounds - 6 samples.
- Metals - 7 samples tested for arsenic and 3 samples for cadmium, chromium, copper, lead, mercury, nickel and zinc.
- Pesticides tested - 3 soil samples.

The above listed soil testing results at the Drum Storage Area showed that all the samples were significantly below MTCA Method A cleanup levels, with one exception. The exception is soil sample HA-3 where soil sample results showed the presence of one volatile organic compound called tetrachloroethene also called perchloroethene, a common solvent, at 0.08 mg/kg (parts per million). This result is above the cleanup level at 0.05 mg/kg, and less than twice cleanup level (a factor important in statistical analysis). Nearby soil sample HA-4 showed no detection for tetrachloroethene and down gradient monitoring well HC-MW-5 soil and groundwater also showed no detection. Based on this information, tetrachloroethene was dismissed as a chemical

of concern in soil at the Drum Storage Area. It is important to point out that when volatile and semi-volatile organic compounds are analyzed, the laboratory tests for 142 chemicals. Seven of the 142 chemicals are reported as not detected and the laboratory detection level is at or above the cleanup level. In these cases, we use chemicals with similar properties and down gradient sample results to evaluate if additional testing is required. At the Pace National Site there were no other detections to indicate the need for further testing. Also, testing across the site in soil and groundwater confirms this decision.

For groundwater in the Drum Storage Area, four sampling locations showed no detection for volatile organic compounds and semi-volatile organic compounds. Three locations were tested for petroleum substances (TPH-gas, -diesel, -oil, mineral spirits and kerosene), all showed no detection for the chemicals of concern tested including no detection for tetrachloroethene, which was the single occurrence above cleanup level listed above in soil. Therefore, based on these results, the Remedial Investigation Report for soil and groundwater at the Drum Storage Area show no known chemicals of concern. The Pace National Site including the Drum Storage Area and the unpaved area has been adequately characterized.

In addition, the Remedial Investigation Report (SES, 2010) includes the Hart Crowser Subsurface Investigation work in 1991 and lists that five borings were drilled in the Drum Storage Area to a depth of 15 feet. Soil samples were collected at 2.5 foot intervals from each boring and tested for petroleum, volatile and semi-volatile organic compounds. These results showed all samples were below MTCA Method A and B cleanup levels. Two of these borings were drilled in the unpaved area of the Drum Storage Area and showed no chemicals of concern at or above Method A and B cleanup levels (Laboratory data sheets not in the report).

Post 2010 soil and groundwater monitoring results down gradient of the Drum Storage Area all show no chemicals of concern except one volatile organic compound in groundwater, vinyl chloride. Tetrachloroethene and all other tested compounds are no longer present in soil and groundwater at this site, except vinyl chloride in groundwater. The Consent Decree and Cleanup Action Plan address the vinyl chloride cleanup.

Appendix A

Pace National Site
Public Comment Period

Notifications
for the
Public Comment Period

January 27 – February 27, 2012

1. **Mailing list – see Ecology NWRO Central Files**
2. **Fact Sheet –Publication No. 12-09-162**
3. **Ecology site webpage**
4. **Display Ad**
5. **Notice in Ecology Site Register**
6. **Ecology internet calendar**

DEPARTMENT OF ECOLOGY State of Washington

ULTRA Corporation Former Pace National Site

Toxics Cleanup Program **January 2012**

Draft Consent Decree and Other Cleanup Documents Available for Public Review and Comment

The Washington State Department of Ecology (Ecology) prepared this fact sheet to provide you with information about the ULTRA Corporation and former Pace National Corporation site (Pace National). The Pace National site is located at 500 7th Avenue South, in Kirkland, WA.

Currently, Ecology and ULTRA Corporation have negotiated a legal agreement called a Consent Decree. The agreement requires Ultra Corporation to complete the cleanup tasks in its Cleanup Action Plan and to conduct compliance monitoring to confirm that cleanup levels have been achieved across the site. It is a binding legal agreement and will be recorded in Washington Superior Court.

What's New?

Since the last public comment period in December 2008, much work has been accomplished at the Pace National site. Site investigation work has been completed, a Supplemental Remedial Investigation Work Plan was prepared, approved by Ecology and implemented, and two pilot tests were performed to evaluate alternative cleanup methods.

Currently, the draft Remedial Investigation and Feasibility Study Report (RI/FS) is complete. The RI/FS report includes subsurface investigations, pilot test results, and documentation of earlier interim actions such as excavations and removal of underground storage tanks.

Also, the State Environmental Policy Act (SEPA) checklist was prepared by consultants and determination of non-significance was completed by Ecology to assess potential environmental impacts of the preferred cleanup alternative.

Comments Accepted

January 27 – February 27, 2012

Submit Comments and Technical Questions to:

Maura S. O'Brien, PG/HG 869 - Site Manager
Washington State Department of Ecology
Northwest Regional Office - Toxics Cleanup Program
3190 160th Avenue SE
Bellevue, WA 98008
Phone: (425) 649-7249
E-mail: maura.obrien@ecy.wa.gov

DOCUMENT REVIEW LOCATIONS

King County Public Library - Kirkland
308 Kirkland Avenue
Kirkland, WA 98033
(425) 822-2459

Washington State Department of Ecology Northwest Regional Office
3190 160th Ave SE
Bellevue, WA 98008

Call for an appointment: Sally Perkins
Phone: (425) 649-7190
Fax: (425) 649-4450
E-mail: sally.perkins@ecy.wa.gov
Hours: Tuesday – Thursday
8:00 AM – 12:00 PM
1:00 PM – 4:30 PM

Ecology's Toxics Cleanup Website
https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5063

Cleanup ID#: 5063

Facility Site ID #: 2159

An updated Public Participation Plan was prepared to outline opportunities for communication and public input in the next step in the cleanup process - implementing the preferred cleanup action for this site.

Public Comments Invited

Ecology is asking for your comments on the following documents:

- Draft Remedial Investigation/ Feasibility Study Report (RI/FS)
- Draft Consent Decree
- Draft Cleanup Action Plan
- Updated Public Participation Plan
- State Environmental Policy Act (SEPA) Checklist and Determination of Non-Significance (DNS)

Send your written comments to Ecology's Site Manager, Maura O'Brien at maura.obrien@ ecy.wa.gov by February 27, 2012 for consideration.

Remedial Investigation/Feasibility (RI/FS) Study Report

The RI details site sampling and testing to describe the extent of known chemicals of concern in soil and groundwater. It includes soil and groundwater laboratory results, interim cleanup actions, and pilot testing of cleanup alternatives. The FS evaluates cleanup alternatives and assists in selecting and recommending a final cleanup action. The site conceptual model identifies the sources of contamination and pathways, and assists in reviewing cleanup alternatives.

Prior to 2006, the suspected contaminants were chlorinated volatile organics that included vinyl chloride (a common solvent), as well as petroleum substances in soil and groundwater. Soil and groundwater were tested for a wide variety of chemicals because the former business operations included the packaging of hazardous chemicals. These results are listed in the RI. Five interim cleanup actions were conducted to remove chemicals of concern. In 2010, the only remaining chemical of concern was vinyl chloride in groundwater. Vinyl chloride is not present in site soils. The proposed cleanup action focuses on clean up of vinyl chloride with compliance monitoring to confirm that it is removed and groundwater quality is restored.

Proposed Cleanup Action Plan

The proposed Cleanup Action Plan describes the selected cleanup actions and outlines the steps Ultra Corporation will take to complete the cleanup tasks at the site. The selected cleanup actions are:

- Conduct Monitored Natural Attenuation.
- Conduct Compliance Monitoring.
- Prepare Progress & Final Reports.

Once cleanup is achieved and the compliance monitoring shows that the cleanup levels have been maintained for four consecutive sampling events, Ecology will propose in a comment period to close the Consent Decree and remove the Site from the state Hazardous Sites List.

Updated Public Participation Plan

An updated version of the Public Participation Plan is now available for public review and comment. The Public Participation Plan is designed to promote meaningful community involvement during the cleanup process.

The plan outlines and describes the tools and approaches that Ecology will use to inform the public about site activities, and it identifies opportunities for the community to become involved in this process and make comments or recommendations during the process.

State Environmental Policy Act (SEPA) Checklist and Determination of Non-Significance (DNS)

The SEPA environmental checklist and Determination of Non Significance (DNS) are available for public review. This checklist evaluates environmental impacts if this cleanup action is conducted. Ecology has reviewed this checklist and determined that implementing this cleanup will cause no significant adverse environmental impacts called a SEPA Determination of Non Significance.

Site Background

The Ultra Corporation site, referred as Pace National site, aka the former Pace International Facility, represents a five acre property in a mixed commercial/industrial and residential neighborhood in central Kirkland about 1/2 mile south of downtown. The site is located south of commercial buildings and residential homes, west of the Burlington Northern Santa Fe Railway tracks and Google Campus, north of the Lakeview Elementary School, and east of condo/apartment buildings and single family residences.

In the early 1960s, the site was converted from residential to commercial/industrial use. Pace National purchased the site in 1969 and operated a specialty chemical mixing and packaging facility on the northern portion of the site from 1971 to 1990. The site had 14 underground storage tanks that contained regulated and unregulated substances such as alcohols, oils, and proprietary mixtures. After the business closed in 1990 the site was used as a retail storage facility until 2006. The Pace building was demolished for interim actions for source removal and soil excavation.

Contaminant of Concern

Vinyl chloride, a common solvent used in industrial and commercial operations, is the contaminant of concern at the site.

The previous interim actions and excavations removed impacted soils and groundwater and placed clean soil backfill at the site. New groundwater monitoring wells were added to the existing monitoring well network. There has been extensive monitoring in both soil and groundwater. Several contaminants have been removed from the initial list of contaminants of concern for this site because their concentrations are below state cleanup levels. However, one chemical –vinyl chloride (VC) - has persisted in groundwater. Although the VC concentration has decreased, it remains above the state cleanup level and so the proposed Cleanup Action Plan (CAP) will clean up this persistent substance.

Why this Cleanup Matters

Contaminated sites provide pollutants that may migrate through soil, water, and air into surrounding streams, lakes, groundwater, storm water, and sediments. These pollutants eventually flow into Lake Washington and Puget Sound. Once there, the contaminants may settle, accumulate and work their way into the food chain, ultimately threatening the entire ecosystem, including human health and the environment.

What's Next?

Once the public comment period ends, Ecology will review and consider all comments. A public meeting has not been scheduled at this time. However, one will be held if ten or more people request a meeting during the comment period. Please contact Nancy Lui if you have questions or wish to request a meeting at nancy.lui@ecy.wa.gov or at (425) 649-7117.

DEPARTMENT OF
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Bellevue, WA 98008

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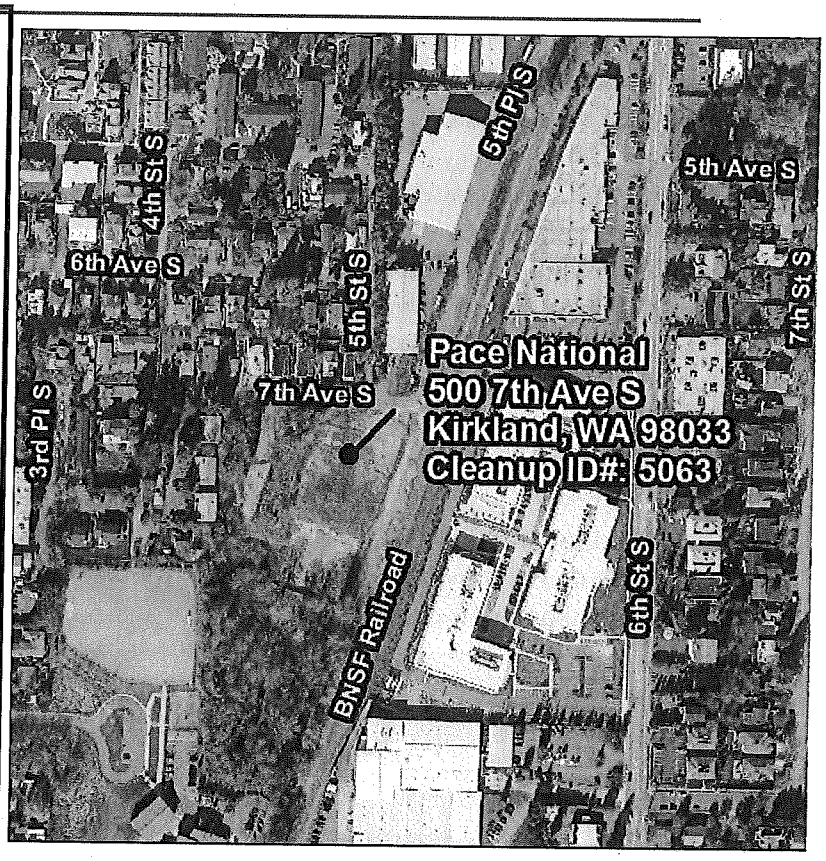
ULTRA Corporation
Former Pace National Site
Kirkland, King County

Ecology invites comments on Draft Consent Decree and Other Cleanup Documents available for public review and comment

Public Comment Period:
January 27 – February 27, 2012

Cleanup ID#: 5063

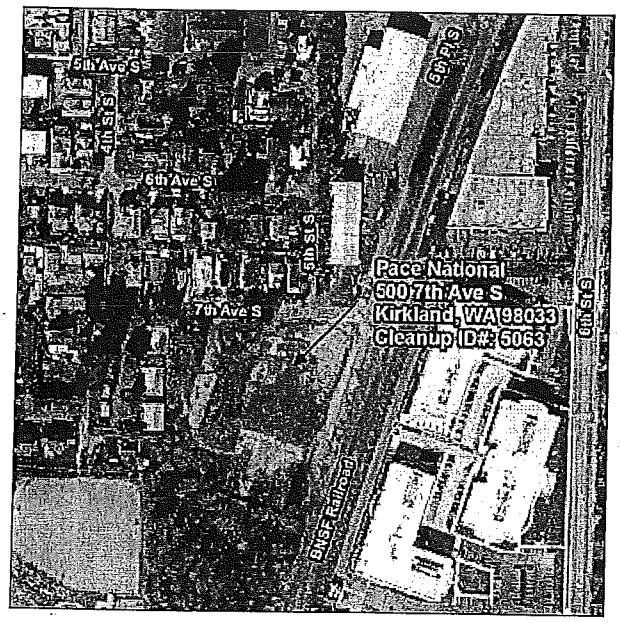
If you need this publication in an alternative format, call Nancy Lui at (425) 649-7117. Persons with hearing loss, call 711 for Washington Relay Service. Persons with speech disability call (877) 833-6341.



DEPARTMENT OF ECOLOGY State of Washington http://www.ecy.wa.gov

Ecology home > Toxics Cleanup > Sites > Pace National

Pace National



Pace National Site Map

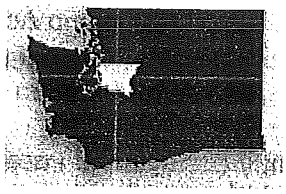
SITE DESCRIPTION

The Ultra Corporation site, referred as Pace National Corporation facility a.k.a. the former Pace National site, represents a five acre property in a mixed commercial/industrial and residential neighborhood in central Kirkland approximately 0.5 mile south of downtown. The site is located south of commercial buildings, west of the Burlington Northern Santa Fe Railway tracks, north of the Lakeview Elementary School, and east of condo/apartments and single family residences.

The site was converted to commercial/industrial applications in the early 1960s. Pace National purchased the site in 1969 and operated a specialty chemical mixing and packaging facility on the northern portion of the site from 1970 to 1990. It had 14 underground storage tanks that contained regulated and unregulated substances such as alcohols, oils, and proprietary mixtures. This business ended 1990 and then the site was used as retail storage until 2006. The Pace building was demolished in 2006 for additional source removal action for soil excavation.

In the early 1990s soil contamination was identified. Pace National and their consultants have conducted extensive soil and groundwater testing and investigations, interim cleanup actions and pilot testing for effective cleanup methods.

In 2008, Pace National and Ecology signed an Agreed Order to complete remedial investigation at this site and prepare a feasibility study to evaluate cleanup action alternatives and prepare the



SITE INFORMATION

Facility Site ID: # 2159

Cleanup Site ID: 5063

Location:
Kirkland, King County

Status: Cleanup Started ?

View Electronic Documents

ISIS Site Summary Report

Contacts:
Maura O'Brien
Site Manager
425-649-7249

Nancy Lui
Public Involvement Coordinator
425-649-7117

Document Repositories:

Northwest Regional Office
3190 160th Ave SE
Bellevue, 98008-5452
(425)649-7190

cleanup action plan. These documents:

- Draft Remedial Investigation/Feasibility Study (RI/FS) Report
- Proposed Legal Agreement called Consent Decree
- Draft Cleanup Action Plan
- State Environmental Policy Act Environmental Checklist and Determination

Currently Ecology and Pace National, now Ultra Corporation have negotated a new legal agreement called a Consent Decree. The Consent Decree is to implement the proposed Cleanup Action Plan and complete Compliance Monitoring to confirm that this site has achieved state required cleanup actions and restored groundwater to beneficial uses.

PUBLIC COMMENT PERIOD JANUARY 27, 2012-FEBRUARY 27, 2012

Ecology invites comments on the Consent Decree, Remedial Investigation/Feasibility Study, Cleanup Action Plan, Public Participation Plan, State Environmental Checklist and Determination of NonSignificance is available for comment. Please send your written comments to the Site Manager, Maura O'Brien at maura.obrien@ecy.wa.gov or call (425) 649-7249.

- Fact Sheet for proposed cleanup action and documents (Jan. 2012)
- Consent Decree (Jan 2012)
- Public Participation Plan (Jan. 2012)
- Cleanup Action Plan (Jan 2012)
- Remedial Investigation and Feasibility Study (Jan 2012)
- State Environmental Policy Act and Determination of Non-Significance (Jan. 2012)

SITE DOCUMENTS

For a complete list of documents please see "View Electronic Documents".

RELATED INFORMATION

- Watershed Information for WRIA 8

ADDITIONAL RESOURCES

- Acronyms used by the Toxics Cleanup Program
- Cleanup Process: Major Steps & Definitions
- Data Submittal Requirements for All Cleanup Sites

Display Ad for Kirkland Reporter

DEPARTMENT OF ECOLOGY
State of Washington

Ecology invites comments on Ultra Corporation Former Pace National Site Proposed Cleanup Public Comment Period: Jan. 27 - Feb. 27, 2012

Documents can be viewed at:

King County Public Library – Kirkland
308 Kirkland Avenue
Kirkland, WA 98033
(425) 822-2459

Department of Ecology
Northwest Regional Office
Call for an appointment:
Sally Perkins at
sally.perkins@ecy.wa.gov
or (425) 649-7190
3190 160th Avenue SE
Bellevue, WA 98008

The Washington State Department of Ecology (Ecology) invites comments on five documents for the proposed cleanup actions at the Ultra Corporation Former Pace National Site (Cleanup ID # 5063) located at 500 7th Avenue South in Kirkland, King County, Washington. Ecology and ULTRA Corporation entered a legal agreement called a Consent Decree to implement this cleanup. The five documents are available for public review and comment:

- Consent Decree
- Draft Cleanup Action Plan
- Draft Remedial Investigation and Feasibility Study Report
- Updated Public Participation Plan
- State Environmental Policy Act (SEPA) Checklist and Determination of Non-Significance (DNS)

Please mail your written comments to Maura O'Brien, Site Manager, Washingston Sate Department of Ecology, 3190 160th Ave SE., Bellevue, WA 98008 or send email to maura.obrien@ecy.wa.gov or call (425) 649-7249. For special accommodations or documents in alternate format, call (425) 649-7117, 711 (relay service), or (877) 833-6341 (TTY).

Pace National Website: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5063

Community Council debate back in Olympia

BY CARRIE WOOD
cwood@kirklandreporter.com

The debate of whether or not the nearly 50-year-old Houghton Community Council should cease to exist is back in Olympia.

House Bill 2610, which aims to end the HCC and the East Bellevue Community Council, was introduced in the Legislature on Jan. 18. Kirkland and Bellevue have the only two community councils in the state.

But unlike last year's contested HB 1812, the new bill would not require a citywide vote to end the municipal corporations.

"As I thought more about it and talked to people in Houghton, that (the citywide vote) was a bit of a contrivance," said 45th District Rep. Larry Springer, who is sponsoring the bill, along with 45th District Rep. Roger Goodman and 48th District Rep. Deb Eddy. Other bill sponsors include Reps. Derek Stanford, D-Bothell, Luis Moscoso, D-Mountlake Terrace, and Ruth Kagi, D-Lake Forest Park. "The difference is this year's bill says when HCC's current term expires, they are simply disbanded. So there wouldn't be a vote, they would just cease to exist – period."

The community councils' terms would expire on Dec. 31, 2013.

Springer added a citywide vote would be contrary to the HCC statute that currently exists and believes that eliminating the vote is a "more honest way of approaching it now." He also said he doesn't want to put cities through the expense of a vote.

And saving cities money is one of the main reasons why he is sponsoring the bill.

"Part of the rationale behind this was the same as last year, we the Legislature are tasked with coming up with a number of suggestions to reduce the burden on local governments by giving them more revenue flexibility or by reducing the number of things they have to do to lessen their costs," said Springer. "We are looking at a number of ways of streamlining government and getting rid of a number of afflictive functions and this falls in that category."

The HCC's total estimated expenses cost the city nearly $70,000 a year, according to a Finance Committee meeting report on Oct. 26, 2010.

more story online... kirklandreporter.com

This week's... Police Blotter

The blotter features both a description of a small selection of police incidents and a statistical round-up of all calls to the Kirkland Police Department that are dispatched to on-duty police officers. The Kirkland Reporter Police Blotter is not intended to be representative of all police calls originating in Kirkland, which average about 1,000 per week.

Between Jan. 14-22, the Kirkland Police Department reported 609 traffic violations (seven DUIs), 38 alarm calls, 30 car accidents, 20 noise complaints, 10 thefts, 17 car prowls, 14 domestic violence calls, 11 calls for harassment, four acts of fraud, 27 calls of a disturbance, two calls for illegal substances and 32 calls of civil disturbance. At least 37 people were arrested.

Jan. 22

Assault: 2:29 a.m., 100 block of Kirkland Ave. A 36-year-old Kirkland man was arrested for assault and disorderly conduct after starting a fight down town by the Central Pub. He punched at least two people in the face and he was clearly intoxicated.

Jan. 21

Burglary: 7 a.m., 11100 block of 112th Ave. N.E. A Kirkland resident contacted police after he came home and noticed that his front door had been broken and his home had been entered. The man reported that a laptop was missing.

Jan. 19

Burglary: 5:30 a.m., 12400 block of N.E. 124th Street. The manager of the Jiffy Lube stated that the back door was ajar and had been pried open when he arrived at the business. He noticed that a 2012 Buick Lacrosse rented from Hertz was missing, along with the floor safe that contained $180 and $70 in a drawer was also taken. All the office employees' lockers had been gone through. There was also a garage door that was pried open and looked to be the suspect's exit. The shop was also missing an OTC oil light reset with an estimated value of $300.

Theft: 10:28 p.m., 400 block of Fourth Ave. S. Police were called to the scene where two males had stolen a vehicle and two juvenile females from that vehicle broke into a house.

Disorderly conduct: 1:54 a.m., 12400 block of 100th Ave. N.E. A 33-year-old Kirkland man stepped out in front of three City of Kirkland snowplows and intentionally blocked them driving while shouting and cursing. The man was observed walking out of the street and was arrested for disorderly conduct.

Jan. 18

Trespass: 6:25 p.m., 11800 block of N.E. 85th Street. A 32-year-old Redmond man was arrested for trespass at the 76 gas station.

Domestic: 2:22 p.m., 12600 block of N.E. 87th Street. A Kirkland woman called police after her husband pushed her down onto a couch during an argument about their children going out to play in the snow. As the woman attempted to call police her husband pulled cables out from a computer in an attempt to disrupt the call. The woman told officers that the phone required an internet connection to work.

DEPARTMENT OF ECOLOGY State of Washington

Ecology invites comments on Ultra Corporation Former Pace National Site Proposed Cleanup Public Comment Period: Jan. 27 - Feb. 27, 2012

Documents can be viewed at:

King County Public Library – Kirkland
[illegible] Kirkland Avenue
Kirkland, WA 98033
(425) 822-2459

Department of Ecology Northwest Regional Office
Call for an appointment
Only Parking at
[illegible]@ecy.wa.gov
or (425) 649-7190
3190 160th Avenue SE
Bellevue, WA 98008

The Washington State Department of Ecology (Ecology) invites comments on five documents for the proposed cleanup actions at the Ultra Corporation Former Pace National Site (Cleanup ID # 5063) located at 500 7th Avenue South in Kirkland, King County, Washington. Ecology and ULTRA Corporation entered a legal agreement called a Consent Decree to implement this cleanup. The five documents are available for public review and comment:

- Consent Decree
- Draft Cleanup Action Plan
- Draft Remedial Investigation and Feasibility Study Report
- Updated Public Participation Plan
- State Environmental Policy Act (SEPA) Checklist and Determination of Non-Significance (DNS)

Please mail your written comments to Maura O'Brien, Site Manager, Washington State Department of Ecology, 3190 160th Ave SE., Bellevue, WA 98008 or send email to maura.obrien@ecy.wa.gov or call (425) 649-7249. For special accommodations or documents in alternate format, call (425) 649-7117.

Pace National Website: https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5063

Site Register

WASHINGTON STATE DEPARTMENT OF ECOLOGY TOXICS CLEANUP PROGRAM

DEPARTMENT OF ECOLOGY
State of Washington

FEB. 9, 2012

CONTENTS

p. 3

FORMAL CLEANUPS

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

CLARK COUNTY

Pacific Wood Treating Site — Facility Site ID# 1019
111 West Division Street, Ridgefield

Public open house: 5 p.m. 2/16/12, Ridgefield Community Center, 210 N. Main Ave., Ridgefield

KING COUNTY

Ultra Corporation Former Pace National Site — Facility Site ID# 2159 — CSID# 5063
500 7th Avenue South, Kirkland

Public comment period: 1/27/12 – 2/27/12

Proposed Cleanup Action Plan and Other Documents Available for Public Review
Ecology invites you to review and comment on five documents for the proposed cleanup actions at the Ultra Corporation Former Pace National site at 500 7th Avenue South in Kirkland. The five-acre property in a mixed commercial/industrial and residential neighborhood just south of downtown Kirkland. The site is located south of commercial buildings, west of the BNSF Railway tracks, north of the Lakeview Elementary School, and east of condo/apartments and single-family residences.

The site was converted to commercial/industrial applications in the early 1960s. Pace National purchased the site in 1969 and operated a specialty chemical mixing and packaging facility on the northern portion of the site from 1971 to 1990. It had 14 underground storage tanks that contained regulated and unregulated substances such as alcohols, oils, and proprietary mixtures.

This business ended 1990 and then the site was used as retail storage until 2006. The Pace building was demolished in 2006 for additional source removal action and soil excavation.

In the early 1990s, soil contamination was identified. Pace National and its consultants have conducted extensive soil and groundwater testing and investigations, interim cleanup actions and pilot testing for effective cleanup methods.

Site Register

In 2008, Pace National and Ecology signed an Agreed Order to complete remedial investigation at this site and prepare a feasibility study to evaluate cleanup action alternatives and prepare the cleanup action plan.

Ecology and Ultra Corporation (formerly Pace National) have entered a legal agreement called a Consent Decree to implement this cleanup.

The five documents that are available for public review and comment:

- Consent decree
- Draft cleanup action plan
- Draft remedial investigation and feasibility study report
- Updated public participation plan
- State Environmental Policy Act (SEPA) Checklist and Determination of Non-Significance (DNS)

Site Manager: **Maura O'Brien**
Northwest Regional Office
425/ 649-7249
maura.obrien@ecy.wa.gov

More information may be found at the web pages below:

Ultra Corporation Former Pace National: **https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5063**

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

You may review the documents at the following locations:

- King County Public Library – 308 Kirkland Ave., Kirkland, WA. Call 425/ 822-2459.
- 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**.)

Please submit comments and questions to site manager Maura O'Brien.

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

DEPARTMENT OF ECOLOGY State of Washington

http://www.ecy.wa.gov

Public Involvement Calendar

The Public Involvement Calendar is designed to engage the public in our **decision-making process.** We encourage you to read Frequently Asked Questions about Effective Public Commenting.

Activities that are educational only or are co-sponsored by Ecology may be found under the "More Ecology Events" link in the left column of this page. We invite your **feedback** about this Public Involvement Calendar.

If you have special accommodation needs or require documents in alternative format, please contact Ecology at:

360-407-6000 (voice)
711 (relay service)
800-833-6388 (TTY)

Public Hearings, Meetings, Workshops, Open Houses

****** No entries found for these search criteria ******

Public Comment Periods

Dec 19 - Jan 20, 2009

Public Comment Period: Kirkland
Ecology seeks your input on the proposed Agreed Order and Public Participation Plan for Pace National
Ecology invites comments on the proposed Agreed Order and Public Participation Plan for ULTRA Corporation Former Pace National, LP Facility. In Dec. 2008, Ecology and ULTRA Corporation entered a legal agreement called an Agreed Order. ULTRA Corporation Former Pace National, LP Facility

Location: Kirkland, WA
Sponsor: Dept of Ecology / Toxics Cleanup
Contact: Maura O'Brien
(425) 649-7249 / mobr461@ecy.wa.gov

Jan 27 - Feb 27

Public Comment Period: Kirkland
Ecology invites comments on the Draft Consent Decree and other Cleanup Documents for Pace National Site
Ecology invites comments on the Draft Consent Decree, Draft Cleanup Action Plan, Draft Remedial Investigation/Feasibility Study Report, Updated Public Participation Plan, and State Environmental Policy Act (SEPA) Checklist and Determination of Non-Significance (DNS) for the proposed cleanup actions at the Ultra Corporation Former Pace National Site (Cleanup ID#: 5063) located at 500 7th Ave South in Kirkland, WA. Pace National Site

Location: Kirkland, WA
Sponsor: Dept of Ecology / Toxics Cleanup
Contact: Maura O'Brien
(425) 649-7249 / mobr461@ecy.wa.gov

Search Calendar

This search feature accesses only **decision-making events.**

Search

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Search

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Appendix B

Pace National Site
Public Comment Period

Comments Received

January 27 – February 27, 2012

1. **Comment #1 – Mr. Erik Ruf**
2. **Comment #2 – Mr. Curtis Thompson**
3. **Comment #3 – Mr. Lance Peterson, CDM Smith Consultants for City of Kirkland**
4. **Ecology letter reply to Comment #3 to City of Kirkland**
5. **Additional inquiry from Mr. Gregory Johnson, a local reporter**
6. **Moss Bay Neighborhood Association announcement to association for Pace National Public Comment Period**

Lui, Nancy (ECY)

From: Erik Ruf [erikruf@alumni.stanford.edu]
Sent: Sunday, January 29, 2012 5:15 PM
To: Lui, Nancy (ECY)
Subject: PACE/ULTRA consent decree

Dear Ms. Lui,

Please be informed that the Consent Decree posted on the information site (https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5063) is missing Page 10, which contains part of the description of the environmental cleanup work to be performed. As I live very close to the site, I would like to consult the entire document. Please see that the online document is updated.

thank you,

-- Erik Ruf
421 6th Avenue South
Kirkland, WA 98033
(425) 706-6111
erikruf@alumni.stanford.edu

Lui, Nancy (ECY)

2

From: Curtis Thompson [ct@it4hire.com]
Sent: Sunday, January 29, 2012 7:34 PM
To: Lui, Nancy (ECY)
Subject: RE: Request for meeting Cleanup ID 5063

Nancy:

I hereby request a public hearing regarding Cleanup ID #5603, Facility Site ID #2159.

I also request a digital copy of the Draft Consent Decree by reply email.

Thank you in advance,
Curtis Thompson
127 - 3rd Avenue Ste.302
Kirkland, WA 98033
(206) 919-8700 Mobile
(425) 822-2000 Home Office
(425) 822-2100 Secure Fax

O'Brien, Maura (ECY)

From: Peterson, Lance [PetersonLE@cdmsmith.com]
Sent: Monday, February 27, 2012 3:13 PM
To: O'Brien, Maura (ECY)
Cc: David Godfrey
Subject: Ultra Corporation Former Pace National Site, Proposed Cleanup Action Plan comments

Maura,

The City of Kirkland is currently undertaking its due diligence review for the purchase of a 5.75 mile segment of the former BNSF Railway right-of-way within the Kirkland city limits. The rail right-of-way adjoins the eastern portion of the Former Pace National Site, 500 7th Avenue South. CDM Smith is conducting a Phase I ESA for the 5.75 mile rail segment under contact with the City of Kirkland. Our review of the Pace information provided on Ecology's web site as well as Ecology's files has generated two comments. CDM Smith is submitting these comments on behalf of the City of Kirkland.

1.) Arsenic was detected in groundwater near the property boundary with the rail right-of-way at concentrations exceeding the MTCA cleanup level of 5 micrograms per liter (µg/L). The proposed Pace Cleanup Action Plan appears to only address residual vinyl chloride in groundwater. Please clarify that no further investigation or cleanup is warranted for arsenic.

2.) Areas of the former Pace facility that were located adjacent to the rail right-of-way include a drum storage yard with an access gate that opened to the right-of-way and an 8,000-gallon above ground storage tank (AST) with unidentified contents. The drum storage yard was reportedly used for storage of raw materials, product, and empty drums. The drum storage yard is shown on remedial investigation/feasibility study (RI/FS) figures as fully paved with asphalt. However, earlier documents in Ecology's files indicate that it was only partially paved; an approximately 40-foot wide strip along the south side of the building was unpaved. This area appears to have not been investigated as part of the remedial investigation. Please confirm that the eastern portion of the drum storage yard has been adequately characterized.

Thank you,

Lance

==========

Lance E. Peterson, RG, LHG
Senior Project Manager
CDM Smith
14432 SE Eastgate Way, Suite 100, Bellevue, WA 98007
425-519-8300 (office) | 425-519-8382 (direct) | 425-417-5946 (mobile) | 425-746-0197 (fax)
mailto:petersonle@cdmsmith.com | cdmsmith.com

Pace

O'Brien, Maura (ECY)

From: O'Brien, Maura (ECY)
Sent: Tuesday, February 28, 2012 7:42 AM
To: 'Peterson, Lance'
Cc: David Godfrey; Wang, Ching-Pi (ECY)
Subject: RE: Ultra Corporation Former Pace National Site, Proposed Cleanup Action Plan comments

Thank you for the information about the review of the 5.75 mi segment of the former BNSF right-of-way and the two comments. Ecology will be responding to your comments shortly. I estimate next week.

Maura

Maura S. O'Brien, PG/HG #869
Professional Geologist/Hydrogeologist
Toxics Cleanup Program - NWRO
Department of Ecology
3190 - 160th Avenue SE
Bellevue, WA 98008-5452
Tele 425-649-7249
Fax 425-649-7098
Email mobr461@ecy.wa.gov

From: Peterson, Lance [mailto:PetersonLE@cdmsmith.com]
Sent: Monday, February 27, 2012 3:13 PM
To: O'Brien, Maura (ECY)
Cc: David Godfrey
Subject: Ultra Corporation Former Pace National Site, Proposed Cleanup Action Plan comments

Maura,

The City of Kirkland is currently undertaking its due diligence review for the purchase of a 5.75 mile segment of the former BNSF Railway right-of-way within the Kirkland city limits. The rail right-of-way adjoins the eastern portion of the Former Pace National Site, 500 7th Avenue South. CDM Smith is conducting a Phase I ESA for the 5.75 mile rail segment under contact with the City of Kirkland. Our review of the Pace information provided on Ecology's web site as well as Ecology's files has generated two comments. CDM Smith is submitting these comments on behalf of the City of Kirkland.

1.) Arsenic was detected in groundwater near the property boundary with the rail right-of-way at concentrations exceeding the MTCA cleanup level of 5 micrograms per liter (µg/L). The proposed Pace Cleanup Action Plan appears to only address residual vinyl chloride in groundwater. Please clarify that no further investigation or cleanup is warranted for arsenic.

2.) Areas of the former Pace facility that were located adjacent to the rail right-of-way include a drum storage yard with an access gate that opened to the right-of-way and an 8,000-gallon above ground storage tank (AST) with unidentified contents. The drum storage yard was reportedly used for storage of raw materials, product, and empty drums. The drum storage yard is shown on remedial investigation/feasibility study (RI/FS) figures as fully paved with asphalt. However, earlier documents in Ecology's files indicate that it was only partially paved; an approximately 40-foot wide strip along the south side of the building was unpaved. This area appears to have not been investigated as part of the remedial investigation. Please confirm that the eastern portion of the drum storage yard has been adequately characterized.

Thank you,

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Northwest Regional Office • 3190 160th Ave SE • Bellevue, WA 98008-5452 • 425-649-7000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

April 4, 2012

Mr. David Godfrey
Department of Public Works
City of Kirkland
123 Fifth Avenue
Kirkland, WA 98033

Subject: Comments on Ultra Corporation, former Pace National Site Public Comment Period Consent Decree and other Cleanup Documents

Dear Mr. David Godfrey:

Thank you for submitting comments on the Ultra Corporation Consent Decree and Cleanup Action Plan and associated documents for the former Pace National Site (Site). The Site is located at 500 Seventh Avenue South, Kirkland, Washington. The comments were submitted by CDM Smith on behalf of the City of Kirkland (City). The public comment period was January 27 through February 27, 2012 and three comments were received. Ecology will prepare a Responsiveness Summary to document this comment period, the comments received and Ecology's replies. In summary, no substantial changes were requested, and the Consent Decree and associated documents are now final.

Below I have listed the City's comments and Ecology's reply to each.

Question -1.) Arsenic was detected in groundwater near the property boundary with the rail right-of-way at concentrations exceeding the MTCA cleanup level of 5 micrograms per liter (µg/L). The proposed Pace Cleanup Action Plan appears to only address residual vinyl chloride in groundwater. Please clarify that no further investigation or cleanup is warranted for arsenic.

Ecology Reply – The Pace site Remedial Investigation Report (Sound Environmental Strategies, December 13, 2010) lists six groundwater monitoring (Table 10) and 31 soil sampling (Table 7) results for metals, specifically for arsenic. First I will discuss the groundwater results and then the soil results. The arsenic groundwater results show:

-HC-MW-1 with arsenic at 22 ug/L with MTCA method A cleanup action level at 5 ug/L.
-HC-MW-2 with arsenic at 43 ug/L.
-HC-MW-2R with arsenic at <5 ug/L or none detected.
-HC-MW-5 with arsenic at <5 ug/L or none detected.
-HC-MW-6 with arsenic at <5 ug/L or none detected.
-SP-34/HC-MW-6 with arsenic at <5 ug/L or none detected.

The results at HC-MW-1 and -2 show elevated levels of arsenic above MTCA Method A cleanup level of 5 ug/L. No further sampling was conducted at MW-1 and only one event at MW-2R (MW-2R replaced MW-2 which was closed due to excavation) and one event at MW-5 and two events at MW-6. These wells were subsequently closed and are not available for further monitoring. So, four results show no arsenic issue.

Monitoring wells MW-1 and -2 are located up-gradient along the east property line. MW-6 and the entire site is down gradient in the direction of groundwater flow, so if arsenic is a chemical of concern at this site then one would expect elevated arsenic in soil and groundwater samples at MW-6 and throughout the site.

The soil arsenic results show all 31 soil results substantially below the MTCA Method A cleanup level of 20 mg/kg with 21 of the 31 samples below the detection limit of less than 2 mg/kg. This equates to 70 percent of the soil samples being below the detection limit and consequently the cleanup level protective of direct contact and groundwater based on MTCA Method A. Method A arsenic level has been adjusted for natural background for soil (See Table 745-1 Model Toxics Control Act Chapter 173-340 WAC revised November 2007).

The 10 sample results that showed arsenic detection ranged from 2.2 to 9.6 mg/kg, and eight of the ten samples, the concentration is less than 5.14 mg/kg. Washington state soils typically have arsenic levels between 5.13 to 8.47 mg/kg with the Puget Sound lowlands at 90th percentile average arsenic concentration at 7.3 mg/kg (Ecology Publication #94-115, 1994). So the Puget Sound average arsenic concentration (natural background) is substantially above 29 of the 31 soil samples, suggesting that arsenic is not a chemical of concern at this site.

Furthermore, several of the soil arsenic samples located down gradient from MW-1 and -2 are below detection limits. Potentially arsenic contaminated groundwater, if significant, could result in elevated arsenic in these downgradient soils. This further supports that if MW-1 and -2 arsenic levels were an issue then there would be elevated arsenic in the down gradient soils.

Finally to quote from the RI Report, "Arsenic can be eliminated as a chemical of concern in groundwater [and soil] at the site because the concentration of arsenic in groundwater since the October 2003 interim removal action at the former Railroad Unloading Area (RUA) has not exceeded the MTCA method A cleanup level (SES 2010, page 34).

Question 2.) Areas of the former Pace facility that were located adjacent to the rail right-of-way include a drum storage yard with an access gate that opened to the right-of-way and an 8,000-gallon above ground storage tank (AST) with unidentified contents. The drum storage yard was reportedly used for storage of raw materials, product, and empty drums. The drum storage yard is shown on remedial investigation/feasibility study (RI/FS) figures as fully paved with asphalt. However, earlier documents in Ecology's files indicate that it was only partially paved; an approximately 40-foot wide strip along the south side of the building was unpaved. This area appears to have not been investigated as part of the remedial investigation. Please confirm that the eastern portion of the drum storage yard has been adequately characterized.

Ecology Reply – I will describe soil and groundwater separately and use the Remedial Investigation Report (SES December 13, 2010) as a reference. Extensive soil testing has been conducted in the Drum Storage Area (DSA) and throughout the site and these results showed no detection for all chemicals of concern with one exception (listed below).

The Drum Storage Area testing results include the following analyses:

-Petroleum (TPH-gas, -diesel, -oil, mineral spirits and kerosene) tested 14 samples at 10 locations within DSA from 0.5 to 10 ft below ground surface.
-Volatile organic compounds -12 samples.
-Semi-volatile organic compounds -6 samples.
-Metals -7 samples tested for arsenic and 3 samples for cadmium, chromium, copper, lead, mercury, nickel and zinc.
-Pesticides tested -3 soil samples.

The above listed soil testing results showed that all the samples were significantly below MTCA Method A cleanup levels, with one exception. The exception is soil sample HA-3 where soil sample results showed the presence of one volatile organic compound called tetrachloroethene also called perchloroethene, a common solvent, at 0.08 mg/kg. This result is above the cleanup level, which is 0.05 mg/kg, and less than twice cleanup level. Nearby soil sample HA-4 showed no detection for tetrachloroethene and down gradient monitoring well HC-MW-5 soil and groundwater also showed no detection. Based on this information, tetrachloroethene was dismissed as a chemical of concern in soil at the Drum Storage Area. It is important to point out that when volatile and semi-volatile organic compounds are analyzed, the laboratory tests for 142 chemicals. Seven of the 142 chemicals are reported as not detected and the laboratory detection level is at or above the cleanup level. In these cases, we use chemicals with similar properties and down gradient sample results to evaluate if additional testing is required. At the Pace site there were no other detections to indicate the need for further testing. Also testing across the site in soil and groundwater confirms this decision.

For groundwater in the Drum Storage Area, four sampling locations showed no detection for volatile organic compounds and semi-volatile organic compounds. Three locations were tested for petroleum substances (TPH-gas, -diesel, -oil, mineral spirits and kerosene), all showed no detection for the chemicals of concern tested including no detection for tetrachloroethene, which was the single occurrence of cleanup level exceedance in soil listed above. Therefore, based on these results, the Remedial Investigation Report for soil and groundwater at the Drum Storage Area show no known chemicals of concern. The Pace site including the Drum Storage Area has been adequately characterized.

In addition, the Remedial Investigation Report (SES, 2010) includes the Hart Crowser Subsurface Investigation work in 1991 and lists that five borings were drilled in the Drum Storage Area to a depth of 15 feet. Soil samples were collected at 2.5 foot intervals from each boring and tested for petroleum, volatile and semi-volatile organic compounds. These results showed all samples were below MTCA method A and B cleanup levels. Two of these borings were drilled in the unpaved area of the DSA and showed no chemicals of concern at or above method A and B cleanup levels (Laboratory data sheets were not in the report).

Post 2010 soil and groundwater monitoring results down gradient of the Drum Storage Area all show no chemicals of concern except one volatile organic compound in groundwater, vinyl chloride. Tetrachloro-ethene and all other tested compounds are no longer present in soil and groundwater at this site, except vinyl chloride in groundwater. The Consent Decree and Cleanup Action Plan addresses the vinyl chloride cleanup.

I trust that this answers your questions, and if you would like additional information, please contact me.

Sincerely,

Maura S. O'Brien, PG/HG #869
Professional Geologist/Hydrogeologist and Site Manager
Toxics Cleanup Program
Northwest Regional Office

cc Lance Peterson, CDM Smith Consultants

State of Washington
Hydrogeologist
869
Licensed Geologist
MAURA SALAMAH O'BRIEN

O'Brien, Maura (ECY)

From: O'Brien, Maura (ECY)
Sent: Friday, January 27, 2012 10:01 AM
To: 'Gregory Johnston '
Cc: Lui, Nancy (ECY); Altose, Larry (ECY)
Subject: RE: Dept. of Ecology News: Comment sought on final cleanup proposal for Kirkland site

Hello,
Answers to your questions about the Ultra former Pace National site:

Q--As I understand it, the site is now vacant?
Ecology-Yes the Pace site has been vacant since 2006.

Q--Is it owned by ULTRA?
Ecology-The site is owned by Ultra Corporation.

Q--Web research indicates vinyl chloride is a federally identified carcinogen. Does that square with Ecology's view?

Ecology-Washington Department of Ecology (Ecology) lists vinyl chloride with carcinogenic effects of drinking water ingestion and the Model Toxics Control Act cleanup levels and risk calculations (CLARC) recommends 0.2 ug/L (0.2 parts per billion) as the recommended cleanup action level. Note the vinyl chloride cleanup level is based on applicable state and federal law (WAC 246-290-310 and 40 CDF 141.61) and adjusted to a 1×10^{-5} risk.

The Pace site Consent Decree Cleanup Action Plan lists this same cleanup level for groundwater at the Pace site at 0.2 ug/L. In addition, the City of Kirkland is supplied with drinking water and there are no domestic wells listed within 0.5 mile radius of the site.

Q--Can you tell me the measured levels of vinyl chlorides (ppm or ppb) in the groundwater?

Ecology-The Pace site proposed cleanup action level for vinyl chloride is 0.2ug/L. The groundwater compliance monitoring at the Pace site has shown significant decrease in vinyl chloride levels from pre-2006 to 2011.

For example from 2009 through 2011 there are 8 wells in compliance below the 0.2 ug/L cleanup level, and there are five wells above cleanup level. These five wells above cleanup level show vinyl chloride concentration maximum 30 ug/L (MW-11 Feb 2009) to 9.7 ug/L (MW-11 Jan 2011) and minimum 1.7 ug/L (MW-10 Feb 2009) to 0.30 ug/L (MW-10 Jan 2011) almost at the cleanup level. These five wells have shown a steady decrease in concentration over the last five years showing that the cleanup interim actions and treatment have been effective in bringing this site into compliance and working to restore groundwater to beneficial uses.

I trust that this answers your questions and let me know if you need further information.

Maura

Maura S. O'Brien, PG/HG #869
Professional Geologist/Hydrogeologist
Toxics Cleanup Program - NWRO
Department of Ecology
3190 - 160th Avenue SE
Bellevue, WA 98008-5452
Tele 425-649-7249
Fax 425-649-7098
Email mobr461@ecy.wa.gov

From: Altose, Larry (ECY)
Sent: Thursday, January 26, 2012 4:09 PM
To: O'Brien, Maura (ECY)
Cc: Lui, Nancy (ECY)
Subject: FW: Dept. of Ecology News: Comment sought on final cleanup proposal for Kirkland site

Hello, Maura. A few follow-up questions from a local reporter, for which I need your help. Please note his deadline. Thank you!

From: Gregory Johnston [mailto:greg.johnston@patch.com]
Sent: Thursday, January 26, 2012 4:08 PM
To: Altose, Larry (ECY)
Subject: Re: Dept. of Ecology News: Comment sought on final cleanup proposal for Kirkland site

Hey Larry,

A couple questions:

--As I understand it, the site is now vacant?
--Is it owned by ULTRA?
--Web research indicates vinyl chloride is a federally identified carcinogen. Does that square with Ecology's view?
--Can you tell me the measured levels of vinyl chlorides (ppm or ppb) in the groundwater?

A quick review indicates the fact sheet does not address these questions. If you feel it more appropriate that the site manager or other Ecology expert address these questions, please forward them, or send me her/his phone number. I do need to post this story Friday morning.

Thanks!
Greg Johnston
425-301-4474

On Thu, Jan 26, 2012 at 9:36 AM, Altose, Larry (ECY) <LALT461@ecy.wa.gov> wrote:

Editors, reporters, news directors:

The Department of Ecology (Ecology) seeks public comment on a legal agreement with ULTRA Corporation, and other documents, outlining a final plan to clean up groundwater contamination at the former Pace National Corporation property, 500 7th Ave. S., in Kirkland.

The company has completed a detailed site investigation and a feasibility study of cleanup options, and carried out interim cleanup projects that have removed chemicals of concern from soil and groundwater. Ecology also seeks comment on a public participation plan and a State Environmental Policy Act (SEPA) declaration of non-significance for the proposed site cleanup action.

The property has had commercial and industrial occupants since the early 1960s. Pace National conducted chemical mixing and packaging on part of the site for approximately 20 years, starting in the early 1970s, and installed 14 underground storage tanks that held various products. From the early 90s to 2006 the site was used for retail storage.

Interim cleanup projects have removed petroleum hydrocarbons, semi-volatile organic compounds, and chlorinated solvents from soil and groundwater. Vinyl chloride remains present in groundwater. The proposed cleanup action plan would require ongoing monitoring of the natural breakdown of this compound, until groundwater meets cleanup standards for at least four consecutive monitoring events, which are scheduled to occur every six months.

A public comment period on the site documents will remain open through Feb. 27, 2012. For more details and background on this proposal, please see Ecology's fact sheet at http://aww.ecydev/pubs/1209162.pdf or visit the King County Library in Kirkland and ask at the reference desk for the Former Pace National Site documents.

For information on the Pace National/ULTRA site overall, including the consent decree, SEPA documents, public participation plan, and remedial investigation and feasibility study reports, please see:

https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5063

Larry Altose
News Media Relations
Dept. of Ecology, Northwest Region
3190 160th Ave SE
Bellevue WA 98008-5452
425-649-7009 office

206-920-2600 cell

--

Greg Johnston
Editor
kirkland.patch.com
425-301-4474
greg.johnston@patch.com

O'Brien, Maura (ECY)

From: Moss Bay Neighborhood Association [donw@mossbay.org]
Sent: Sunday, January 29, 2012 4:39 PM
To: Moss Bay Neighorhood
Subject: Fw: Ecology opening Pace National Site public comment period
Attachments: Pace CD 211737.pdf

Moss Bay Neighbors – We received this message from the State Dept. of Ecology concerning the environmental cleanup at the Pace Chemical Site on 7th Ave. S. There is a PDF attached with more details. A public comment period has started and will run through Feb 27,2012. Details on how to comment are in the attachment.

Don Winters
Moss Bay Neighborhood Association
www.mossbay.org
425-827-2650

From: O'Brien, Maura (ECY)
Sent: Thursday, January 26, 2012 2:55 PM
To: Moss Bay Neighborhood Association
Cc: Lui, Nancy (ECY) ; Altose, Larry (ECY)
Subject: Ecology opening Pace National Site public comment period

Hello,
Ecology will be starting a 30-day public comment period for the former Pace National Site proposed Cleanup Action and documents on Friday, January 27, 2012.

The Ultra Corporation –former Pace National site is located in your neighborhood and approximately 0.5 mile south of downtown at 500 – 7th Avenue South in Kirkland.

The Fact Sheet is attached above and outlines the proposed cleanup actions and documents for review.

Your review and comments are welcome and you may read the documents at three locations:

-King County Library in Kirkland -ask at the information desk.
-Washington Department of Ecology in Bellevue call for an appointment at 425-649-7190.
-Website https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=5063

And send comments to Maura O'Brien by February 27, 2012. Let me know if you would like more information.

Maura

Maura S. O'Brien, PG/HG #869
Professional Geologist/Hydrogeologist
Toxics Cleanup Program - NWRO
Department of Ecology
3190 - 160th Avenue SE
Bellevue, WA 98008-5452

Tele 425-649-7249
Fax 425-649-7098
Email mobr461@ecy.wa.gov