

## Site Investigation Documents Ready for Public Review

### Public Comment Invited

The Washington State Department of Ecology (Ecology) invites comments on the agency's draft *Agreed Order* with two companies, Glacier Northwest, Inc. and Reichhold, Inc. The Order includes a Scope of Work.

The Site is located at 5900 West Marginal Way SW, Seattle, WA. You are invited to:

- **Review** the Draft Agreed Order including the Scope of Work and the Draft Public Participation Plan.
- **Send** your comments to Ecology for consideration. Comments will be accepted *June 18, through July 20, 2009*.

See the box at the right for details about where to review documents and submit comments.

### Site Location

The Glacier Northwest, Inc. site is generally located at 5900 West Marginal Way SW., Seattle, Washington (See figure included). This is an industrial area located just south of Duwamish Shipyard. Terminal 115 is immediately to the south; West Marginal Way SW. is immediately to the west. The eastern portion of the property is adjacent to the west bank of the Lower Duwamish Waterway. The Glacier Northwest, Inc. site includes an upland area as well as some sediments, or mud, in the Lower Duwamish Waterway that are contaminated. The final site boundaries will be defined by the extent of contamination.

### Comments Accepted

June 18 through July 20, 2009

Submit Comments and Technical Questions to:

Donna Ortiz - Site Manager  
WA Department of Ecology  
Toxics Cleanup Program  
3190 160<sup>th</sup> Ave SE  
Bellevue, WA 98008

Phone: (425) 649-7231  
E-mail: dort461@ecy.wa.gov

### DOCUMENT REVIEW LOCATIONS

#### South Park Branch – Seattle Public Library

8604 Eighth Ave S.  
Seattle, WA 98108  
(206) 615-1688

Hours: Mon.-Tues. 1 p.m.-8 p.m., Wed.-Thurs. 10 a.m.-8 p.m., Fri.-Sat. 10 a.m.-6 p.m., Sun. 12 p.m.-5 p.m.

#### WA Department of Ecology

3190 160<sup>th</sup> Ave SE  
Bellevue, WA 98008

Call for an appointment:  
(425) 649-7190

#### Ecology's Toxics Cleanup Website

[http://www.ecy.wa.gov/programs/tcp/sites/glacierNW\\_LDWW/glacierNW\\_LDWW\\_hp.html](http://www.ecy.wa.gov/programs/tcp/sites/glacierNW_LDWW/glacierNW_LDWW_hp.html)

Facility Site ID #: 23881883

## Site Background

Glacier Northwest, Inc. currently owns the property that was formerly operated by Reichhold, Inc., a chemical product manufacturer and distributor. This property has had a variety of past industrial operations and uses. From 1940 to 1943, activated charcoal was manufactured for the U.S. Army at the site. The Army then purchased the land in 1943. From 1947 to 1961, Reichhold, Inc. leased the land from the Army, manufactured resin glues for plywood, and operated a pilot plant for pentachlorophenol and sodium pentachlorophenate production until approximately 1958.

In 1964 the Port of Seattle purchased the property. Kaiser Cement Corp. leased the property from the Port and stored and distributed cement. Kaiser bought the property in 1969. Between 1965 and 1974 a dike was constructed and filled between the basin and the river.

In 1987 Lone Star Industries, Inc. bought the property and eventually changed their name to Glacier Northwest, Inc. The facility was continually used for cement storage and distribution. Between 2000 and 2002 Glacier mixed and distributed batches of concrete. Glacier currently operates a cement storage and distribution facility on the property.

## Contaminants of Concern

Contamination at this site is from heavy industrial use since the 1940's. As a result, groundwater, surface water, soil, and sediments are contaminated. Initial sampling found metals and phenols including arsenic and pentachlorophenol in soil, pentachlorophenol and arsenic in

groundwater, dioxins in sediment, and arsenic in surface water seeps.

## Previous Cleanup Work

Glacier Northwest, Inc. and Reichhold, Inc. have prepared investigations of the contamination and performed some soil and groundwater cleanup without Ecology oversight. More investigation is required and will be done under this Order.

## Overview of the Agreed Order

The draft Agreed Order is a legal agreement between Ecology and the potentially liable parties (PLP's): Glacier Northwest, Inc. and Reichhold, Inc. The Agreed Order describes the work the PLP's agree to perform on the site. The purpose of the Agreed Order is to protect human health and the environment. It ensures that the cleanup happens in a timely manner and according to Washington State's cleanup law, the Model Toxics Control Act. Expected documents during the cleanup include:

- Remedial Investigation and Feasibility Study (RI/FS): The RI collects data necessary to adequately characterize the contamination in soil, groundwater, surface water, and sediments. The FS presents the results of the RI and proposes cleanup alternatives.
- Draft Cleanup Action Plan (dCAP): The dCAP uses the RI/FS to help identify a preferred cleanup action and a schedule to remediate the contamination.



## Overview of the draft Public Participation Plan

Ecology and the PLP's are committed to providing the public with timely information and meaningful opportunities to participate in the cleanup process. Ecology worked with the PLP's and stakeholders to draft a Public Participation Plan according to the Model Toxics Control Act (MTCA). The goal of the plan is to encourage community involvement during the investigation and cleanup of the Glacier Northwest Inc. site. This plan describes how citizens and interested parties can learn about and provide input on the cleanup.

Your comments and ideas are desired to improve the cleanup. The public participation plan explains how Ecology will do the following:

- Notify the public when and where documents are available for review and comment.
- Notify the public about how they can become involved.

## Lower Duwamish Waterway Cleanup

The Glacier Northwest, Inc. site is located within the larger Lower Duwamish Waterway cleanup site. The LDW site is a Superfund site that consists of the 5.5 mile stretch of the Duwamish River that flows north into Elliot Bay upstream of Harbor Island. The LDW site is designated as a contaminated site under both state and federal law due to contaminants in the river and intertidal sediments. The Glacier Northwest, Inc. site is one of several sites near the LDW that will be cleaned up to reduce the threat to human health and the environment from releases of hazardous substances, and to assist in preventing contamination of the sediments after the LDW site cleanup is complete.

Ecology works with the U.S. Environmental Protection Agency (EPA) and other local agencies and businesses to clean up the Lower Duwamish. For more information see Ecology's website:

[http://www.ecy.wa.gov/programs/tcp/sites/lower\\_duwamish/lower\\_duwamish.hp.html](http://www.ecy.wa.gov/programs/tcp/sites/lower_duwamish/lower_duwamish.hp.html)

## What Happens Next?

Once the public comment period ends, Ecology will review and consider all comments that have been received. The Agreed Order and draft public participation plan may be modified based upon your comments. As other documents on the site are developed, you will be notified of future public comment periods.



## Public Comment on Site Investigation and Agreed Order

The Washington State Department of Ecology (Ecology) invites comments on a draft *Agreed Order* that includes a Scope of Work. Glacier Northwest, Inc. currently owns the property that was formerly operated by Reichhold, Inc., a chemical product manufacturer and distributor. The site is located at 5900 West Marginal Way SW., Seattle, Washington. On May 14, 2009, Reichhold, Inc. and Glacier Northwest, Inc., signed the Draft *Agreed Order* to conduct a remedial investigation/feasibility study (RI/FS) and submit a draft cleanup action plan (dCAP). Initial sampling found metals and phenols including pentachlorophenol in soil; pentachlorophenol and arsenic in groundwater; dioxins in sediment; and arsenic in surface water seeps. The purpose of the remedial investigation is to determine the extent of hazardous substances in surface water, sediments, groundwater and soil at the site. Information and data obtained during the RI phase of this study will be used to support the evaluation and selection of cleanup solutions. Once a cleanup alternative is selected, it will be described in the draft Cleanup Action Plan (dCAP). The Public Participation Plan is also available for review and explains how Ecology will keep the community involved. It outlines and describes outreach approaches Ecology will use. The public comment period for these documents is from June 18-July 20, 2009.

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華盛頓州生態管理署(生管署)請大眾提供對草擬同意命令包括整治工作範圍有關建議。本整治工地位於 5900 西馬進能路，西雅圖市 (5900 West Marginal Way SW., Seattle)。

本工地曾有許多公司在此營業，其中包括專門生產和批發化學物品的巒合公司。本工地目前為西北冰河公司所擁有。西北公司和巒合公司在 2009 年 5 月 14 日簽了草擬同意命令，同意進行整治工作調查和可行性研究並研製初部整治工作計劃 (draft cleanup action

plan)。初期採樣工作發現本工地有重金屬和酚污染，包括土壤內有五氯酚污染；

地下水有五氯酚和砷污染；淤泥有戴奧辛污染；

地面滲流水有砷污染。整治工作調查主要目的在確定本工地地面水，地下水，淤泥和土壤所含有毒物質的程度和範圍。調查工作所收集的數據資料將用於選擇整治工作方式和進度。一旦整治工作進行方式確定後，將會列入初部整治工作計劃。大眾參與計劃略述生管署將如何進行與社區聯繫來確保民眾能參與清理工作決策，也歡迎民眾閱覽並提供建議。民眾閱覽這些文件並提供有關建議期間從 2009 年 6 月 18 日開始到 2009 年 7 月 20 日為止。



El Departamento de Ecología del Estado de Washington (Ecología) le invita a comentar sobre el borrador de una **Orden Acordada** que incluye el Ámbito de Trabajo. Glacier Northwest, Inc. es la dueña en la actualidad de la propiedad que fue anteriormente operada por varios negocios, incluyendo Reichhold, Inc., un fabricante y distribuidor de productos químicos. El sitio está localizado en el 5900 West Marginal Way SW, Seattle, Washington. El 14 de mayo de 2009, Reichhold, Inc. y Glacier Northwest, Inc., firmaron el Borrador de la **Orden Acordada** para llevar a cabo una investigación remediadora y un estudio de factibilidad (RI/FS por sus siglas en inglés) y para presentar un borrador del plan de acción de limpieza (dCAP por sus siglas en inglés). El muestreo inicial encontró metales y fenoles incluyendo pentaclorofenol en el suelo; pentaclorofenol y arsénico en el agua subterránea; dioxinas en el lodo; y arsénico en brotes de agua en la superficie. El propósito de la investigación remediadora es el determinar la magnitud de las sustancias peligrosas en el agua en la superficie, en los lodos, en el agua subterránea y en el suelo en el sitio. La información y los datos obtenidos durante la fase RI de éste estudio serán usados para respaldar la evaluación y la selección de las soluciones de limpieza. Una vez una alternativa de limpieza sea seleccionada, será descrita en el borrador del Plan de Acción de Limpieza (dCAP por sus siglas en inglés). El Plan de Participación Pública también está disponible para revisión y explica como Ecología mantendrá a la comunidad como parte activa. Éste resume y describe los enfoques de divulgación que Ecología usará. El período de comentario público para estos documentos es entre el 18 de junio y el 20 de julio de 2009.

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Bộ Môi Sinh tiểu bang Washington (Ecology) mời quý vị góp ý về bản thảo Sắc lệnh Thỏa hiệp mà trong đó có đề cập đến phạm vi công việc hợp đồng. Công ty tổng hợp Glacier Northwest hiện đang là chủ đất mà trước đó tại đây là nơi hoạt động của nhiều cơ sở kinh doanh, như Công ty tổng hợp Reichhold, là một công ty chế biến và phân phối hóa chất. Địa chỉ địa điểm này là 5900 West Marginal Way SW, Seattle, Washington. Reichhold và Glacier ký kết thỏa hiệp ngày 14 tháng 5 năm 2009 nhằm thực hiện công việc khảo sát bổ cứu/nghiên cứu khả thi (RI/FS) và sẽ đệ trình một bản thảo dự án hoạt động dọn sạch(dCAP). Các mẫu thí nghiệm sơ khởi đã phát hiện các chất kim loại và hóa chất phenols gồm pentachlorophenol trong đất, pentachlorophenol và chất thạch tín trong nguồn nước ngầm, chất dioxins trong cặn bùn. Mục đích của việc tra cứu phục hồi này nhằm xác định tầm mức ô nhiễm của các chất độc hại đến nước trên mặt, cặn bùn, nguồn nước ngầm và trong đất tại địa điểm này. Dữ liệu thu nhận từ việc tra cứu này sẽ được sử dụng để làm nền tảng cho sự định giá và lựa chọn những phương cách dọn sạch. Một khi được chọn, phương pháp dọn sạch này sẽ được ghi trình vào bản thảo dự án hoạt động xử lý. Bản Kế hoạch Tham gia Công cộng sẽ giải thích phương cách Ecology sử dụng để giúp cộng đồng tham gia và tài liệu này hiện giờ đã sẵn có để quý vị duyệt xét. Thời hạn thu nhận ý kiến về những tài liệu này sẽ từ 18 tháng 6 đến 20 tháng bảy năm 2009.

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3190 160<sup>th</sup> Ave SE  
Bellevue, WA 98008

## **Glacier Northwest, Inc., Seattle, WA**

**Ecology Seeks Public Comment on Draft Agreed Order and Draft Public Participation Plan.**

**Public Comment Period: June 18 – July 20, 2009**

El Departamento de Ecología del Estado de Washington (Ecología) solicita sus comentarios sobre el borrador de la Orden Acordada (Acuerdo Legal) y el Plan de la Participación Pública para el sitio de “Glacier Northwest, Inc.” Período de recibir comentario público: Comentario público se aceptará del 18 de junio al 20 de julio de 2009. Para más información en español, favor de contactar a Richelle Pérez por teléfono a (360) 407-6971 o por correo electrónico a [rdeg461@ecy.wa.gov](mailto:rdeg461@ecy.wa.gov). Incluye una referencia al sitio de “Glacier Northwest” en su mensaje.

Bộ Môi Sinh tiểu bang Washington mời quý vị góp ý về bản thảo Sắc lệnh Thỏa hiệp và Bản thảo Kế hoạch tham gia công chúng liên quan đến Công ty tổng hợp Glacier Northwest. Thời hạn về việc thỉnh cầu ý kiến công cộng: Ngày 18 tháng 6 tới 20 tháng 7, 2009. Muốn biết thêm tin tức bằng tiếng Việt, xin vui lòng liên lạc ông Lê Văn Như (Teddy), số (360) 407-6948 hoặc qua điện thư [tele461@ecy.wa.gov](mailto:tele461@ecy.wa.gov) với tiêu đề “Glacier Northwest, Inc.”.

華盛頓州生態管理署請大眾提供對西北冰河公司草擬同意命令包括整治工作範圍有關建議。民眾提供有關建議期間：2009年6月18日-2009年7月20日。若你需要任何中文消息請跟林小姐聯繫。電話：425-649-7187 或 電子信箱：[hlin461@ecy.wa.gov](mailto:hlin461@ecy.wa.gov)

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