

## **Status Update on Gas Works Park**

### **Modification of Agreed Order**

The City of Seattle, Puget Sound Energy, and Ecology are proposing to modify their current legal agreement, called Agreed Order DE 2008. The proposed modification is to expand the Site boundaries to include Gas Works Park, Seattle Harbor Patrol and the near shore sediments surrounding the Park and Harbor Patrol. This modification ensures that the impacts from the land and subsurface into the lake and near shore sediments are addressed. To address these impacts additional work will be conducted called a Supplemental Investigation. The Supplemental Investigation will characterize this interface and it will be used to evaluate and select cleanup remedy or remedies for the sediments. The new boundaries for Gas Works Park Sediment Site are shown on page 4.

### **Supplemental Investigation begins at Gas Works Park in March 2013**

This Fact Sheet is to announce the new boundaries and to announce the Supplemental Investigation work at Gas Works Park that is to begin this spring. The investigation will include a geophysical survey, soil borings, monitoring well installation, and soil and groundwater sampling throughout the Park. This work will expand and update the characterization of the Park. Puget Sound Energy (PSE) will lead the investigation with the City and Ecology. The focus of the supplemental investigation is to update and integrate information about the Park and the surrounding Lake Union sediments and potential sources and pathways. This work will evaluate the Park and the near shore surrounding lake and sediments as one. The proposed modification to the Agreed Order (AO) is to integrate the Park and near shore surrounding Lake Union. Ecology has approved the Supplemental Investigation Work Plan and work is scheduled to begin in March 2013.

### **Submit Comments and Technical Questions to:**

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### **Document Review Locations**

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#### **Department of Ecology**

#### **Northwest Regional Office – Central Records Office**

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By appointment only:  
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Phone: (425) 649-7190  
Hours: Tuesday – Thursday  
8:00 a.m. – 12:00 p.m.  
1:00 p.m. – 4:30 p.m.

### **Ecology's Toxics Cleanup Website**

<https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=2876>

Facility Site ID #: 139  
Cleanup ID #: 2876

## Gas Works Park Site – Sediment Update

The purpose is to further evaluate soil and groundwater associated with the former manufactured gas plant (MGP), tar refinery, other industrial operations, and to evaluate their potential impacts and pathways for pollutants to migrate into the lake and sediments.

### \*\*\* Park Advisory \*\*\*

Seattle Parks and Recreation will close sections of Gas Works Park on Mondays through Fridays for two months while the drilling crew and environmental scientists conduct the Supplemental Investigation. The park will be open on weekends.

For more information about park closures associated with the Supplemental Investigation, Contact: Seattle Parks and Recreation, David Graves, Senior Planner

Phone: (206) 684-7048

E-mail: David.Graves@seattle.gov

### What is the purpose of the Supplemental Investigation?

The Supplemental Investigation is part of an effort to evaluate potential sources of contamination from the upland (on-shore land area), to the lake sediments (lake-bottom fine to coarse grained material) at Lake Union. Contractors will collect and test samples. The tests are necessary to support the development of cleanup alternatives that protect the environment, human and aquatic health, and prevent re-contamination.

### Construction Schedule and Hours

Non-intrusive work (the geophysical survey and monitoring well inspection) will begin at the end of February. PSE contractors will begin drilling and installing new wells in mid March. Drilling will continue for approximately one month. Soil sampling will occur during drilling and monitoring well installation. Groundwater sampling will take place in late April 2013.

Noise and traffic will be monitored daily to comply with City's ordinances. The drilling work will occur on weekdays between 7 a.m. and 6 p.m.

### What can you expect to see at the Park?

Starting in late February, field staff will begin inspecting and surveying wells. A geophysical survey will occur in early March 2013.

Starting on about March 18, track-mounted drilling rigs (see photo) will push probes and drill borings (vertical holes drilled in the ground) in up to 80 locations throughout the Park. A 50-foot



## Gas Works Park Site – Sediment Update

area around each drilling location will be closed to the public for safety while work is being conducted at those locations. An equipment storage and staging area will be temporarily installed and this area will be closed to public access. Temporary construction fencing and signage will mark the closed areas and is estimated to continue for two-three months.

In late April, field staff will use groundwater monitoring equipment to measure water levels and collect groundwater samples from monitoring wells. These results will be written into a report for public review.

### What happens next?

This Supplemental Investigation is part of a larger cleanup effort for the Park and surrounding lake sediment. This will combine existing work and the Supplemental Investigation results to write the Remedial Investigation and Feasibility Study for the Gas Works Park Sediment Site Report. The report will summarize findings about the contaminated soil, groundwater, near shore sediment, and describe cleanup options. Ecology will notify you when the draft report is completed and available for review and comments. The public comment period will occur before any final cleanup decisions are made.

### Site Background

Gas Works Park is a 20-acre park located at 2101 North Northlake Way and north of downtown Seattle. The Park peninsula extends into Lake Union along the north shore and the lake lies to the east, south and west of the Park.

From the early 1900s until 1956, gas companies operated a plant at the site that converted coal and oil into manufactured gas. A tar refinery also operated at the site, refining materials obtained as a by-product of the gas manufacturing process, and producing coal tar-based products.

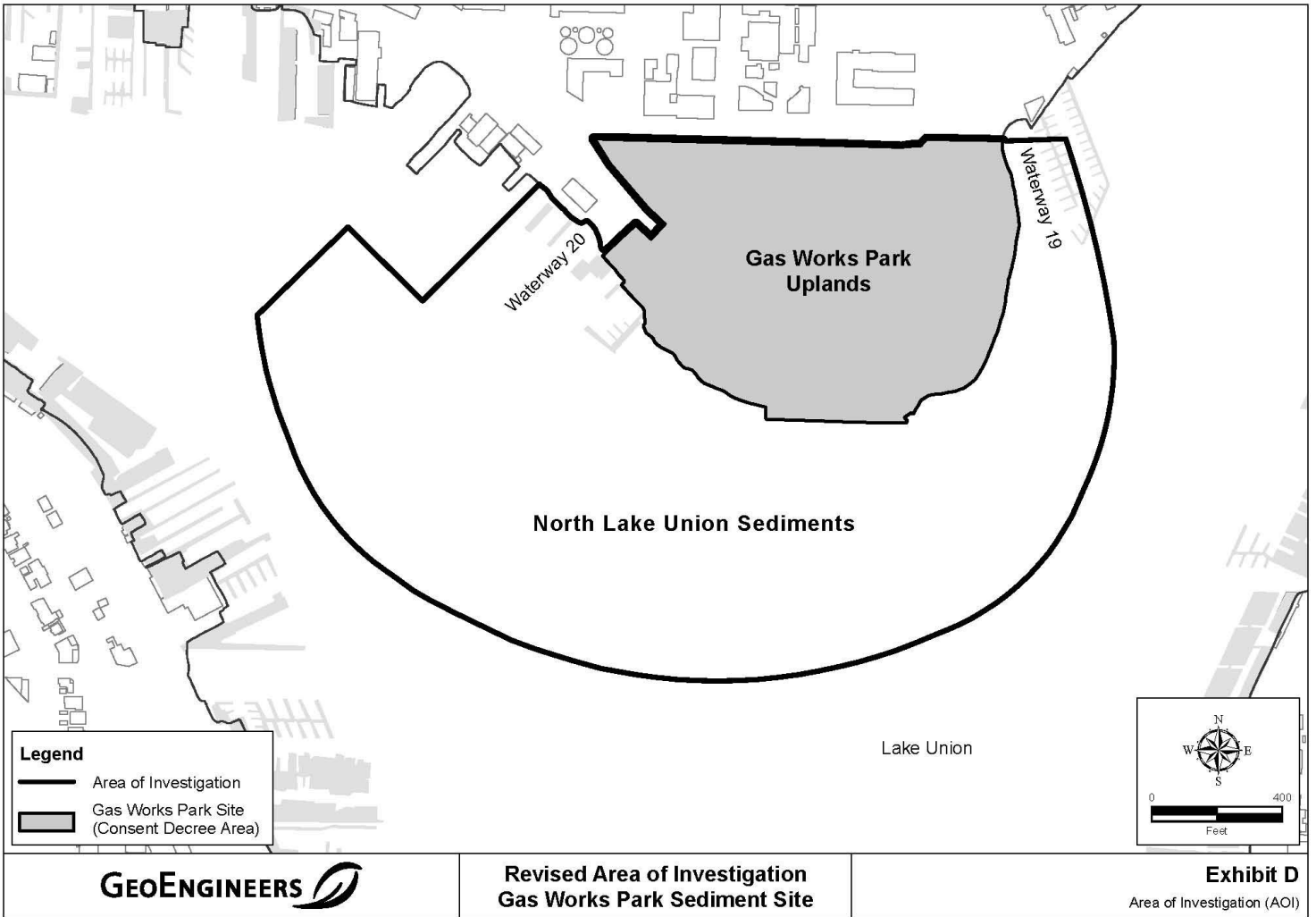
Gas Works Park became a city park in 1976. The Park underwent an environmental cleanup in 2000-01 when most of the park was covered with two feet of clean topsoil placed over a protective barrier. The historic gasification plant metal structures were preserved in place. And groundwater remediation was conducted from 2001 through 2006.

Lake Union sediment investigations near shore of Gas Works Park have indicated the presence of a petroleum chemical called Polycyclic Aromatic Hydrocarbons (PAHs). The City and PSE are conducting a Remedial Investigation and Feasibility Study for these impacted sediments. They have expanded the area of investigation to include Gas Works Park to evaluate upland areas that may impact sediments.

The purpose of the Supplemental Investigation is to identify the nature and extent of impacted upland soil, groundwater, sediment, and pathways in order to evaluate potential cleanup solutions. The Supplemental Investigation supports the development of cleanup actions across the entire site from the Park to the near shore lake sediments.

# Gas Works Park Site Boundary Update Map


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## **Gas Works Park – Sediment Update King County**

**Facility Site ID #: 139  
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