

GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS

<i>Project Name</i>	<u>PORTLAND HARBOR</u>	<i>ProjectID:</i> 10-16
<i>Last Updated:</i>	08/17/04	
<i>City:</i>	Portland	
<i>County:</i>	Multnomah	
<i>State:</i>	OR	
<i>Country:</i>	USA	
<i>Bodies of Water:</i>	Willamette River	
<i>US EPA Region:</i>	X	
<i>Status (Active, Complete, or Monitoring Only):</i>	Active	
<i>Date On NPL:</i>	2000	
<i>ROD/ESD Date:</i>		
<i>Operable Unit:</i>		
<i>Areas of Concern (length or acres):</i>	Portland Harbor includes the entire 11.6 miles of the Lower Willamette River, i.e., from its confluence with the Columbia River upstream to river mile (RM) 11.6, in which a federal navigation channel has been dredged. An initial study area (ISA) has been established that includes approximately 6 miles of the Lower Willamette River within Portland Harbor from RM 3.5 to RM 9.2. The physical scope of the Portland Harbor Superfund Site has yet to be identified, which is to be provided in the ROD for the site.	
<i>Other Characteristics of Water Body:</i>	The Willamette River is approximately 309 miles long and drains an area of 11,500 sq mi. Water velocity is generally higher in upstream areas and becomes less moving downstream. Within Portland Harbor most stream banks have been stabilized and the federal channel is periodically dredged to maintain the authorized depth of -40 ft. River depths within the harbor are 40 to 50 ft within the navigational channel and as deep as 70 ft in some localized areas historically used as dredge borrow areas for constructing adjacent upland areas. Mean river flow velocity just upstream of the harbor from 1973 to 2000 was 33,800 cfs. Average river flow in winter (December through March) is 58,000 cfs and in late summer (July and August) is 9,000 cfs. Peak event flows can be in excess of 150,000 cfs, with maximum flows reaching over 400,000 cfs (1996 winter flood). The Willamette River is a major tributary of the Columbia River and water levels within Portland Harbor are affected seasonally by flows in the Columbia River. Additionally, the Willamette River is tidally influenced, periodically resulting in increased water levels by as much as 3 ft.	
<i>Contaminants of Concern:</i>	Petroleum products; PAHs and other SVOCs, e.g., phthalates, pentachlorophenol; PCBs; organic solvents; perchlorate; pesticides; herbicides; dioxins/furans; metals; antifouling agents, e.g., butyltins	
<i>Source of Contamination:</i>	(Source: Reference A-1108): "Current or historical industrial activities and processes that may lead or may have led to either point or nonpoint releases to the ISA include petroleum storage and distribution; chemical (e.g., pesticide, herbicide, asphalt, paint, resins, acetylene) manufacturing and formulation; other manufacturing (e.g., laminated wood products, windows, refractory brick, silicon chips); oil gasification; pole treating; metals salvage and recycling (e.g., metals, batteries, oils, solvents, and automobiles); metals forging, fabrication and plating; storage and warehousing of various goods; marine fueling, construction and repair; electrical power generation; electrical substation operation and maintenance; railroad switching, fueling and maintenance; and shipping. In addition, Portland Harbor was the site of extensive shipbuilding and repair throughout World War II. Shipbuilding facilities were constructed beginning in 1941." Also, numerous stormwater and combined sewer overflows into the harbor exist, as well as known areas of contaminated groundwater that likely flows into the harbor.	

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<i>Contaminated Area</i>	Sediment upstream of river mile (RM) 11 is generally sandy whereas sediment in downstream areas is generally silty. Numerous sediment sampling programs have been implemented in areas of the Lower Willamette River over the last 30 years. Most of these results are summarized in Reference A-1108.	
<i>Physical Characteristics:</i>		
<i>Type of Regulatory Action:</i>	Superfund. Final. Combined fund- and PRP lead.	
<i>Overall Status Summary:</i>	Portland Harbor is a heavily industrialized area within the Lower Willamette River defined by the presence of an approximately 11-mile long federal navigational channel. Numerous possible sources of sediment contamination exist both in the harbor and also from the typically extensive marine traffic.	

USEPA sampled sediment within the harbor in 1997 at the request of the Oregon DEQ and found the sediment to contain elevated levels of a variety of contaminants including pesticide DDT, PCBs, heavy metals, and PAHs. USEPA used this information to determine if the harbor was eligible for the NPL. In December 2000, USEPA added Portland Harbor to the NPL. In February 2001, a Memorandum of Understanding (MOU) was signed by eleven governmental agencies to provide a framework for addressing sediment contamination within the harbor. Primarily, the MOU formalized that USEPA and Oregon DEQ would jointly manage the investigation and cleanup of Portland Harbor with USEPA taking the lead on addressing contaminated sediment issues and Oregon DEQ taking the lead on addressing upland sites identified as past or present sources of contamination to the harbor. Also in December 2000, USEPA notified 69 PRPs of their potential liability in the cleanup of the harbor.

In September 2001, USEPA entered into an Administrative Order on Consent with nine PRPs that agreed to perform an RI/FS of the harbor, as well as pay for USEPA involvement in the RI/FS process. The City of Portland has also agreed to assist with the RI/FS as well -- the nine PRPs plus the City of Portland are collectively known as The Lower Willamette Group (LWG).

In Summer and Fall 2002, LWG performed exploratory sediment and biota sampling to begin to define areas for further sampling as part of the RI/FS process. In early 2004, USEPA approved field sampling plans for a second round of sampling that was to begin in Summer 2004. At least one more round of sampling is anticipated to meet the data needs of the RI/FS process. In June 2004, USEPA approved a programmatic work plan that will be used to guide the RI/FS process.

As of August 2004, two early action remedial projects targeting contaminated sediments have been agreed to by the respective PRPs. One is a non-time-critical removal action at the Marine Terminal 4 (T4) site. The Port of Portland has agreed through an Administrative Order on Consent (AOC) signed in October 2003 with USEPA to perform an early action to assess and eventually remediate contaminated river sediment associated with the terminal. Areas to be addressed are Slips 1 and 3, as well as submerged lands between the slips. Sediment within these areas are contaminated with petroleum products, metals, pesticides, and PCBs. The Port of Portland intends to address surface and groundwater that may be contributing to sediment contamination prior to remediating the sediment. In February 2004, LWG issued an EE/CA report for remediating T4 in which it explains the various cleanup methods and options that may apply for the target sediments.

The second early action is a time-critical removal action planned for the former Portland Gas and Coke Company (GASCO) site that is now owned by Northwest Natural. In April 2004, Northwest Natural and USEPA signed an AOC for performing the cleanup. The AOC committed Northwest Natural to complete a work plan within 30 days and to take no longer than six months to begin work. The plan currently calls for the removal of approximately 30,000 cy yards of PAH-contaminated soil and sediment and disposal of the material at an approved

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Project Name **PORTLAND HARBOR**

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offsite hazardous waste landfill. The cost for implementing the remedy is estimated at between \$1.5 million and \$7 million.

Remedial Action Planned: ☐

Risk Assessment: ☐

Remedial Action Implemented: ☐

Status of Dredging ☐

PRPs: ☒

Contacts: ☒

References: ☒

Modeling: ☐

Fishing Advisory: ☐

Key Conditions: commercial landfill, dredging, extended (>1 mile) river, fish spawning limitations, floating oil, floodplains targeted, habitat/streambank restoration, natural recovery, tidal fluctuations

POTENTIALLY RESPONSIBLE PARTIES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

PRP Name: PRP INFORMATION NOT RELEASED

PRPID:

Street Address:

City:

State:

KEY CONTACTS

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Last Name: KEY CONTACT INFORMATION NOT RELEASED

Contact ID:

First Name:

Title:

Company:

Address:

City:

State:

Postal Code:

Work Phone # :

Other Phone #:

Fax # :

Email Address:

REFERENCES

Project Name PORTLAND HARBOR

ProjectID: 10-16

Reference Type: A

ReferenceID: 1080

Title: ***Memo re: CSTAG Recommendations on the Portland Harbor Contaminated Sediment Superfund Site***

Location: AEM

Category: Contaminated Sediments: Overview of Issues

Prepared by/Author: Stephen J. Ells and John C. Meyer, Co-Chairs

Preparer/Author Address: Contaminated Sediments Technical Advisory Group (CSTAG)
US EPA
Washington, DC 20460

Prepared For: Chip Humphrey, Remedial Project Manager, Region 10

Date Published: September 25, 2003

Key Words and Phrases:

Reference Type: A

ReferenceID: 1081

Title: ***Memo re: Region 10 Response to CSTAG Recommendations on the Portland Harbor Contaminated Sediment Superfund Site***

Location: AEM

Category: Contaminated Sediments: Overview of Issues

Prepared by/Author: Chip Humphrey, Remedial Project Manager, Region 10

Preparer/Author Address:

Prepared For: Stephen J. Ells and John C. Meyer, Co-Chairs
Contaminated Sediments Technical Advisory Group (CSTAG)

Date Published: December 5, 2003

Key Words and Phrases:

Reference Type: A

ReferenceID: 1101

Title: ***Statement of Work - GASCO Removal Action (AOC Appendix B)***

Location: AEM

Category: Legal

Prepared by/Author:

Preparer/Author Address:

Prepared For:

Date Published: April 2004

Key Words and Phrases:

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: A

ReferenceID: 1102

Title: ***Terminal 4 Early Action - Engineering Evaluation/Cost Analysis***

Location: AEM

Category: Remedial Design

Prepared by/Author: Blasland, Bouck & Lee, Inc.

Preparer/Author

Address:

Prepared For: Port of Portland, Portland, Oregon

Date Published: February 23, 2004

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1103

Title: ***Administrative Order on Consent for Removal Action***

Location: AEM

Category: Legal

Prepared by/Author: US EPA Region X

Preparer/Author

Address:

Prepared For: Port of Portland

Date Published: October 2, 2003

**Key Words and
Phrases:** Marine Terminal 4

Reference Type: A

ReferenceID: 1104

Title: ***Statement of Work - Port of Portland Terminal 4 Removal Action
Area (AOC Appendix B)***

Location: AEM

Category: Legal

Prepared by/Author:

Preparer/Author

Address:

Prepared For:

Date Published: October 2, 2003

**Key Words and
Phrases:**

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: A

ReferenceID: 1105

Title: *Memorandum of Understanding for Portland Harbor Superfund Site*

Location: AEM

Category: Legal

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For:

Date Published: February 8, 2001

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1106

Title: *Action Memorandum re: Request for a Removal Action at the GASCO site, Portland, Multnomah County, Oregon; Site ID: BW*

Location: AEM

Category: ROD/Proposed Plan/Action Memo/Decision Document

Prepared by/Author: US EPA Region X

**Preparer/Author
Address:**

Prepared For:

Date Published: April 28, 2004

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1107

Title: *Administrative Order on Consent for Removal Action - Portland Harbor Superfund Site, GASCO Facility, Portland, Oregon*

Location: AEM

Category: Legal

Prepared by/Author: US EPA Region X

**Preparer/Author
Address:**

Prepared For: NW Natural (aka Northwest Natural Gas Company)

Date Published: April 2004

**Key Words and
Phrases:**

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: A

ReferenceID: 1108

Title: **Portland Harbor RI/FS Programmatic Work Plan**

Location: AEM

Category: RI/FS

Prepared by/Author: (1) Integral Consulting, Inc., (2) Windward Environmental, L.L.C., (3) Kennedy/Jenks Consultants, (4) Anchor Environmental, L.L.C., (5) Groundwater Solutions, Inc.

**Preparer/Author
Address:**

Prepared For: The Lower Willamette Group

Date Published: April 23, 2004

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1109

Title: **Administrative Order on Consent for Remedial
Investigation/Feasibility Study**

Location: AEM

Category: Legal

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For:

Date Published: September 2001

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 1108

Title: **Fact Sheet: Portland Harbor, Portland, Oregon**

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region X

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: April 1999

**Key Words and
Phrases:**

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: B
Title: **Portland Harbor, Portland, Oregon**
Location: AEM
Category: Site Update
Prepared by/Author: US EPA and Oregon DEQ
Preparer/Author Address:
Prepared For: General Public
Date Published: December 2000
Key Words and Phrases:

ReferenceID: 1109

Reference Type: B
Title: **EPA Fact Sheet - Portland Harbor Site, Portland, Oregon**
Location: AEM
Category: Site Update
Prepared by/Author: US EPA Region X
Preparer/Author Address:
Prepared For: General Public
Date Published: August 2000
Key Words and Phrases:

ReferenceID: 1110

Reference Type: B
Title: **Portland Harbor Superfund Fact Sheet**
Location: AEM
Category: Site Update
Prepared by/Author: US EPA and Oregon DEQ
Preparer/Author Address:
Prepared For: General Public
Date Published: May 2001
Key Words and Phrases:

ReferenceID: 1111

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: B

ReferenceID: 1112

Title: ***Binding Agreement Signed to Launch Portland Harbor Cleanup***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region X

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: October 5, 2001

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 1113

Title: ***Superfund Fact Sheet: Portland Harbor***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA and Oregon DEQ

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: October 16, 2001

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 1114

Title: ***Superfund Fact Sheet: Portland Harbor***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA and Oregon DEQ

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: February 2002

**Key Words and
Phrases:**

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: B

ReferenceID: 1115

Title: ***Fact Sheet: Portland Harbor Superfund - City of Portland Outfall Pilot Project***

Location: AEM

Category: Site Update

Prepared by/Author: Oregon DEQ and City of Portland

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: January 9, 2003

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 1116

Title: ***Project Newsletter: Portland Harbor***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA and Oregon DEQ

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: 2003 Summer

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 1117

Title: ***News Release: Early Clean-up Agreement Reached for Portland Harbor***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region X

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: October 6, 2003

**Key Words and
Phrases:**

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: B

ReferenceID: 1118

Title: ***Environmental Fact Sheet: Port of Portland - Port Initiates Terminal 4 Sediment Cleanup***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA and Port of Portland

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: October 2003

**Key Words and
Phrases:** Marine Terminal 4

Reference Type: B

ReferenceID: 1119

Title: ***Cleanup Newsletter: Portland Harbor***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA and Oregon DEQ

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: December 2003

**Key Words and
Phrases:**

Reference Type: B

ReferenceID: 1120

Title: ***News Release: EPA, Northwest Natural Agree on Tar Clean-up in Portland Harbor***

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region X

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: April 29, 2004

**Key Words and
Phrases:** GASCO

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: B
Title: **Portland Harbor GASCO Removal Action**
Location: AEM
Category: Site Update
Prepared by/Author: US EPA and Oregon DEQ
Preparer/Author Address:
Prepared For: The Portland (OR) Oregonian
Date Published: May 2004
Key Words and Phrases:

ReferenceID: 1121

Reference Type: B
Title: **Fact Sheet: The Willamette River Cleanup Authority**
Location: AEM
Category: Site Update
Prepared by/Author: Oregon DEQ
Preparer/Author Address:
Prepared For: General Public
Date Published: June 30, 2004
Key Words and Phrases:

ReferenceID: 1122

Reference Type: B
Title: **Fact Sheet: Portland Harbor Superfund Cleanup**
Location: AEM
Category: Site Update
Prepared by/Author: Oregon DEQ
Preparer/Author Address:
Prepared For: General Public
Date Published: July 7, 2004
Key Words and Phrases:

ReferenceID: 1123

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: B

ReferenceID: 1124

Title: *Cleanup Newsletter: Portland Harbor*

Location: AEM

Category: Site Update

Prepared by/Author: US EPA and Oregon DEQ

Preparer/Author

Address:

Prepared For: General Public

Date Published: 2004 Summer

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 604

Title: *Added to NPL List: Portland Harbor, Portland, Ore.*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Superfund Week

Date Published: August 4, 2000

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 632

Title: *Portland Harbor*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Superfund Week

Date Published: December 8, 2000

**Key Words and
Phrases:**

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: C

ReferenceID: 749

Title: **Ore.: Consent Decree Filed for Harbor**

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: October 1, 2001

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 760

Title: **Ore.: Workplan in Works for Harbor - Portland Harbor
Superfund Site**

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: October 15, 2001

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 1062

Title: **Ore.: Harbor Fish to Be Sampled**

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: August 25, 2003

**Key Words and
Phrases:**

REFERENCES

Project Name PORTLAND HARBOR

ProjectID: 10-16

Reference Type: C

ReferenceID: 1151

Title: *Oregon state, local officials oppose Superfund site listing*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Environmental Science & Technology

Date Published: February 1, 1999

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 94

Title: *Harbor cleanup may dredge taxpayers' pockets*

Location: AEM

Category: Miscellaneous

Prepared by/Author: Jim Barnett and Brent Hunsberger

Preparer/Author

Address:

Prepared For: The Oregonian

Date Published: March 20, 2000

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 531

Title: *Deal clears way for cleanup of harbor site*

Location: AEM

Category: Site Update

Prepared by/Author: Joe Rojas-Burke

Preparer/Author

Address:

Prepared For: The Portland (OR) Oregonian

Date Published: April 30, 2004

**Key Words and
Phrases:** GASCO

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: H

ReferenceID: 26

Title: *Extent of Tar Body Schematic - Northwest Natural "GASCO" Site*

Location: AEM

Category: Miscellaneous

Prepared by/Author: Anchor Environmental, L.L.C.

Preparer/Author

Address:

Prepared For: Northwest Natural

Date Published: March 29, 2004

**Key Words and
Phrases:**

Reference Type: H

ReferenceID: 27

Title: *Map of Industries Bordering Portland Harbor*

Location: AEM

Category: Source Control

Prepared by/Author: Oregon DEQ

Preparer/Author

Address:

Prepared For: Northwest Natural

Date Published: July 2003

**Key Words and
Phrases:**

Reference Type: H

ReferenceID: 28

Title: *Terminal 4 Removal Action Area (AOC Appendix A)*

Location: AEM

Category: Contaminated Sediments: Investigation/Delineation

Prepared by/Author:

Preparer/Author

Address:

Prepared For:

Date Published: September 26, 2003

**Key Words and
Phrases:**

REFERENCES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Reference Type: H

ReferenceID: 29

Title: *Aerial Photo of Terminal 4*

Location: AEM

Category: Miscellaneous

Prepared by/Author:

Preparer/Author

Address:

Prepared For:

Date Published: 2003 circa

**Key Words and
Phrases:**

Reference Type: J

ReferenceID: 40

Title: *Environmental Cleanup Site Information (ESCI) Database Site
Summary Report - Details for Site ID 3377*

Location: AEM

Category: Miscellaneous

Prepared by/Author: Oregon DEQ

**Preparer/Author
Address:** <http://www.deq.state.or.us/wmc/ECSI/>

Prepared For: General Public

Date Published: January 16, 2004

**Key Words and
Phrases:**

FISH ADVISORIES

Project Name **PORTLAND HARBOR****ProjectID:** 10-16

Advisory:	Willamette River	AdvisoryID: 1295
Extent:	1000 ft. radius around the McCormick and Baxter wood treatment site, Portland	
Pollutant:	creosote	
Species:	shellfish-crayfish	
Population:	CFB	
Population Definition:	Commercial Fishing Ban: Bans commercial harvest and/or sale due to chemical contamination.	
Advisory Type:	River	Advisory Number: 3053
Status (Active or Rescinded):	Active	Date Rescinded:
Contact Name:	Dave Stone	Contact Number: 503-731-4015
Advisory:	Willamette River	AdvisoryID: 1298
Extent:	Mainstem of the Willamette River from the mouth where it empties into the Columbia River southward to Eugene, including the Coast Fork of the Willamette River to Cottage Grove Reservoir	
Pollutant:	mercury	
Species:	all freshwater fish	
Population:	RGP	
Population Definition:	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
Advisory Type:	River	Advisory Number: 4573
Status (Active or Rescinded):	Active	Date Rescinded:
Contact Name:	Dave Stone	Contact Number: 503-731-4015
Advisory:	Willamette River	AdvisoryID: 1299
Extent:	Mainstem of the Willamette River from the mouth where it empties into the Columbia River southward to Eugene, including the Coast Fork of the Willamette River to Cottage Grove Reservoir	
Pollutant:	mercury	
Species:	bass	
Population:	RSP	
Population Definition:	Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.	
Advisory Type:	River	Advisory Number: 4573
Status (Active or Rescinded):	Active	Date Rescinded:
Contact Name:	Dave Stone	Contact Number: 503-731-4015

FISH ADVISORIES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

<i>Advisory:</i>	Willamette River	<i>AdvisoryID:</i> 1300
<i>Extent:</i>	Mainstem of the Willamette River from the mouth where it empties into the Columbia River southward to Eugene, including the Coast Fork of the Willamette River to Cottage Grove Reservoir	
<i>Pollutant:</i>	mercury	
<i>Species:</i>	bass	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 4573
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Dave Stone	<i>Contact Number:</i> 503-731-4015
<i>Advisory:</i>	Willamette River	<i>AdvisoryID:</i> 1301
<i>Extent:</i>	1000 ft. radius around the McCormick and Baxter wood treatment site, Portland	
<i>Pollutant:</i>	arsenic	
<i>Species:</i>	shellfish-crayfish	
<i>Population:</i>	CFB	
<i>Population Definition:</i>	Commercial Fishing Ban: Bans commercial harvest and/or sale due to chemical contamination.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 3053
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Dave Stone	<i>Contact Number:</i> 503-731-4015
<i>Advisory:</i>	Willamette River	<i>AdvisoryID:</i> 1302
<i>Extent:</i>	Mainstem of the Willamette River from the mouth where it empties into the Columbia River southward to Eugene, including the Coast Fork of the Willamette River to Cottage Grove Reservoir	
<i>Pollutant:</i>	mercury	
<i>Species:</i>	bass-largemouth	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 4573
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Dave Stone	<i>Contact Number:</i> 503-731-4015

FISH ADVISORIES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Advisory: Willamette River ***AdvisoryID:*** 1303
Extent: Mainstem of the Willamette River from the mouth where it empties into the Columbia River southward to Eugene, including the Coast Fork of the Willamette River to Cottage Grove Reservoir
Pollutant: mercury
Species: bass-smallmouth
Population: RGP
Population Definition: Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.
Advisory Type: River ***Advisory Number:*** 4573
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Dave Stone ***Contact Number:*** 503-731-4015

Advisory: Willamette River ***AdvisoryID:*** 1304
Extent: Mainstem of the Willamette River from the mouth where it empties into the Columbia River southward to Eugene, including the Coast Fork of the Willamette River to Cottage Grove Reservoir
Pollutant: mercury
Species: squawfish
Population: RGP
Population Definition: Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.
Advisory Type: River ***Advisory Number:*** 4573
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Dave Stone ***Contact Number:*** 503-731-4015

Advisory: Willamette River ***AdvisoryID:*** 1305
Extent: 1000 ft. radius around the McCormick and Baxter wood treatment site, Portland
Pollutant: pentachlorophenol
Species: shellfish-crayfish
Population: CFB
Population Definition: Commercial Fishing Ban: Bans commercial harvest and/or sale due to chemical contamination.
Advisory Type: River ***Advisory Number:*** 3053
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Dave Stone ***Contact Number:*** 503-731-4015

FISH ADVISORIES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Advisory: Willamette River ***AdvisoryID:*** 1306
Extent: Mainstem of the Willamette River from the mouth where it empties into the Columbia River southward to Eugene, including the Coast Fork of the Willamette River to Cottage Grove Reservoir
Pollutant: mercury
Species: squawfish
Population: RSP
Population Definition: Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.
Advisory Type: River ***Advisory Number:*** 4573
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Dave Stone ***Contact Number:*** 503-731-4015

Advisory: Willamette River ***AdvisoryID:*** 1307
Extent: Mainstem of the Willamette River from the mouth where it empties into the Columbia River southward to Eugene, including the Coast Fork of the Willamette River to Cottage Grove Reservoir
Pollutant: mercury
Species: bass-smallmouth
Population: RSP
Population Definition: Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.
Advisory Type: River ***Advisory Number:*** 4573
Status (Active or Rescinded): Active ***Date Rescinded:***
Contact Name: Dave Stone ***Contact Number:*** 503-731-4015

FISH ADVISORIES

Project Name **PORTLAND HARBOR**

ProjectID: 10-16

Advisory: Willamette River

AdvisoryID: 1308

Extent: Mainstem of the Willamette River from the mouth where it empties into the Columbia River southward to Eugene, including the Coast Fork of the Willamette River to Cottage Grove Reservoir

Pollutant: mercury

Species: bass-largemouth

Population: RSP

Population Definition: Restricted Consumption-Subpopulation(s): Advises subpopulations potentially at greater risk, e.g., pregnant or nursing women, and/or small children, to restrict the size of the organism and/or frequency of meals consumed.

Advisory Type: River

Advisory Number: 4573

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Dave Stone

Contact Number: 503-731-4015
