

## GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS

<b>Project Name</b>	<b><u>McCORMICK and BAXTER (Portland Plant)</u></b>	<b>ProjectID:</b> 10-04
<b>Last Updated:</b>	08/16/04	
<b>City:</b>	Portland	
<b>County:</b>	Clackamas	
<b>State:</b>	OR	
<b>Country:</b>	USA	
<b>Bodies of Water:</b>	Willamette River	
<b>US EPA Region:</b>	X	
<b>Status (Active, Complete, or Monitoring Only):</b>	Active	
<b>Date On NPL:</b>	1994	
<b>ROD/ESD Date:</b>	1996; 2002 (ESD)	
<b>Operable Unit:</b>	NA	
<b>Areas of Concern (length or acres):</b>	0.5-mile nearshore area of the Willamette River.	
<b>Other Characteristics of Water Body:</b>	Near the site, the river flow rates range from 8,300 cfs in the summer to 73,000 cfs in the winter. The river is about 1,500 feet wide.	
<b>Contaminants of Concern:</b>	PAHs	
<b>Source of Contamination:</b>	The 58-acre site is located at River Mile 7 on the Willamette River. The McCormick and Baxter Creosoting Company operated a wood treating facility on a portion of the site from 1944 until 1991. Contamination is primarily attributed to releases from wood treating activities and onsite disposal of wastes.	
<b>Contaminated Area Physical Characteristics:</b>	Nearshore sediment in the Willamette River. PAHs are the primary contaminants present, with reported maximum concentrations of 3,500 ppm naphthalene, 1,300 ppm acenaphthene, 1,100 ppm fluorene, and 1,900 ppm phenanthrene. Contamination reportedly exists in sediment to as deep as 35 feet.	
<b>Type of Regulatory Action:</b>	Superfund. Final. Oregon DEQ lead.	
<b>Overall Status Summary:</b>	The ROD proposes capping 15 acres of nearshore PAH-contaminated sediment in the Willamette River. The cap is to be a minimum three feet of sand, armored as necessary. Cap design was on hold indefinitely until after implementation of an onsite groundwater remedy to determine if NAPL seepage from the site into nearshore sediments is stopped. USEPA and Oregon DEQ have agreed to install a subsurface barrier wall to eliminate the flow of NAPL to the Willamette River. A ROD ESD for the barrier wall was released in August 2002 and construction of the barrier was completed in 2003. The design of the sediment cap is complete and installation of the cap began in July 2004. The cap is to consist primarily of sand covered with rock-and-concrete-block armoring and will cover 23 acres of river bottom and banks. In December 2003, USEPA provided an additional \$12 million in funding for all capping to proceed in 2004.	
<b>Remedial Action Planned:</b>	<input checked="" type="checkbox"/>	
<b>Risk Assessment:</b>	<input checked="" type="checkbox"/>	
<b>Remedial Action Implemented:</b>	<input type="checkbox"/>	
<b>Status of Dredging</b>	<input type="checkbox"/>	

## ***GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS***

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<b><i>Project Name</i></b>	<b><i><u>McCORMICK and BAXTER (Portland Plant)</u></i></b>	<b><i>ProjectID:</i></b> 10-04
<b><i>Last Updated:</i></b>	08/16/04	

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<b><i>PRPs:</i></b>	<input checked="" type="checkbox"/>
<b><i>Contacts:</i></b>	<input checked="" type="checkbox"/>
<b><i>References:</i></b>	<input checked="" type="checkbox"/>
<b><i>Modeling:</i></b>	<input type="checkbox"/>
<b><i>Fishing Advisory:</i></b>	<input checked="" type="checkbox"/>
<b><i>Key Conditions:</i></b>	capping, natural recovery, wetlands

## REMEDIAL ACTION PLANNED

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<b>Project Name</b>	<b><u>McCORMICK and BAXTER (Portland Plant)</u></b>	<b>ProjectID:</b> 10-04
<b>Last Updated:</b>	03/31/99	
<b>Target Sediment Cleanup Standards (TSCS):</b>	Arsenic 12 ppm; pentachlorophenol 100 ppm; carcinogenic PAHs 2 ppm; dioxin/furan 0.008 ppm (expressed as 2,3,7,8-TCDD equivalent)	
<b>How TSCS Established:</b>	Risk Assessment (recreational exposure pathway)	
<b>Target Bank and Floodplain Cleanup Levels (if applicable):</b>		
<b>Other Target:</b>		
<b>Environmental Sample Data References:</b>	<ul style="list-style-type: none"><li>• <b>Sediment:</b></li><li>• <b>Water:</b></li><li>• <b>Fish:</b></li></ul>	
<b>Estimated Target Volume:</b>	N/A; capping remedy	
<b>Planned Disposal Method:</b>	N/A	
<b>Estimated Calendar Time to Implement Remedy:</b>	N/A	
<b>Estimated Time to Implement Remedy:</b>		
<b>Estimated Cost to Implement Remedy:</b>	\$2.26 million, plus annual O & M of \$81,000 for 30 years.	
<b>Stated Remedial Action Objectives (and Source):</b>	<p>From the 1996 ROD: "Sediment contamination in the Willamette River is associated with NAPL migrating from the tank farm and former waste disposal areas. RAOs for sediment were developed to protect indigenous sediment-dwelling organisms and to prevent human exposure through direct contact. The RAOs for sediment include:</p> <ul style="list-style-type: none"><li>• Preventing humans and aquatic organisms from direct contact with contaminated sediment.</li><li>• Minimizing releases of contaminants from sediment that might result in contamination of the Willamette River in excess of federal and state ambient water quality criteria."</li></ul>	
<b>Measures of Success to be Used:</b>		
<b>Planned Monitoring and Restoration:</b>	<p>From the 1996 ROD: "The cap will be periodically monitored to determine effectiveness and to detect possible contaminant migration through the cap. The cap will be inspected regularly during the first 5 years after installation and after any major or 100-year flood event to verify that physical integrity of the cap remains intact and necessary repairs will be conducted. Inspection frequency may then be reassessed based on previous inspection reports and observations from the previous 5 years."</p>	
<b>Agency Position on Sediment Removal (and Source):</b>	<p>The following statements are from the Responsiveness Summary in the 1996 ROD:</p> <ul style="list-style-type: none"><li>• "The FS evaluated two alternatives (SD-3 and SD-4) for sediment "hot spots" areas that included removal and treatment of contaminated sediment. However, the reason for not selecting</li></ul>	

## REMEDIAL ACTION PLANNED

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**Project Name**

**McCORMICK and BAXTER (Portland Plant)**

**ProjectID:** 10-04

**Last Updated:**

03/31/99

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SD-3 or SD-4 was not based on the averaging of hotspot bioassay results. These alternatives were not selected due to the impacts to fish and crayfish and the short term risks involved with dredging these materials as compared to the overall long term effectiveness of capping."

- "The revised FS, Section 3.3.1, provides the rationale for not identifying sediments as principal threats under the criteria identified in the NCP. The FS states that surface sediment poses a direct contact risk and exhibits toxicity to test organisms in localized areas, but has less potential for exposure to humans than surface soil. The sediment does not appear to be significantly adversely affecting the broader Willamette River ecosystem, or pose a high risk for mobilization out of the nearshore area at the site. Under these conditions, use of engineering controls, such as capping, is consistent with EPA's national strategy for contaminated sediment. The long term monitoring and institutional controls which are elements of the selected remedy will ensure protection of human health and the environment. The monitoring program will include provisions for timely assessment and repairs of damage from events such as the February 1996 flood."
- "Since the sediment cap will eliminate direct contact with contaminated sediment by fish and crayfish, the monitoring program will focus on recontamination of the sediment cap. If contamination of the cap occurs, it may be appropriate to expand the assessment to fish and crayfish."
- "The final sediment cap design will consider creation of a wetland environment as discussed in the revised FS Report to the extent possible within the cost of the remedy."
- "DEQ and EPA believe that habitat restoration should be considered in the development of the sediment cap designs. Our primary concern is creating a wetland environment in areas of highly contaminated sediment that attracts wildlife which could be impacted if for some reason the cap fails. DEQ and EPA will consult with USF&W in designing the sediment cap."

The following statement is from the Implementability analysis in the 1996 ROD:

- "All sediment cleanup alternatives involve capping which is a well established and reliable technology. Dredging (SD-3 and SD-4) will increase the complexity of the cleanup due to the difficulties in preventing releases of sediment contaminants to the river. Similar institutional controls will be implemented for all sediment alternatives (except no action). Dredging of contaminated sediment will be restricted or prohibited without prior approval from DEQ."

## ***RISK ASSESSMENT***

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<b><i>Project Name</i></b>	<b><i>McCORMICK and BAXTER (Portland Plant)</i></b>	<b><i>ProjectID:</i></b> 10-04
<b><i>Last Updated:</i></b>	03/31/99	
<b><i>RA Type:</i></b>	Human Health and Ecological	
<b><i>RA Status:</i></b>	Complete	
<b><i>RA Objectives:</i></b>		
<b><i>Company Performing RA:</i></b>		
<b><i>RA Reference Report:</i></b>		
<b><i>RA Summary and Conclusions:</i></b>	<p>From the 1996 ROD:</p> <p>"The river habitat near the site includes crayfish, clams, and numerous fish species, although the shoreline upstream and on the opposite bank of the Willamette River are highly industrialized ..."</p> <p>"The primary exposure pathways for the aquatic environment include contact with contaminated sediment, interstitial pore water, and the water column ..."</p> <p>"The toxicity assessment included a quantitative and qualitative analysis of available toxicity data to identify what potential toxicological effects might be expected based on onsite conditions. Data evaluated included acute and chronic water quality criteria, 50 percent lethal concentration values, sediment quality benchmarks, and mammalian and avian toxicity profiles."</p> <p>"Hyaella azteca and Microtox<sup>TM</sup> bioassays were performed on 48 and 17 sediment sample locations, respectively, to assess contaminated sediment toxicity to benthic invertebrates. Histopathological studies were conducted on the large scale sucker. The frequency of liver lesions in this fish species is an indicator of carcinogens in the environment and potential adverse effects in aquatic biota. Chemical analysis of fish and crayfish tissue was also performed to evaluate food chain exposures by predator species."</p> <p>"The bioassays results indicated that a substantial area of river sediment is likely to be toxic to benthic organisms. The area of significant toxicity is confined to the shoreline near the site and the creosote dock, and in the immediate vicinity of the Burlington Northern Railroad bridge. The toxicity of sediment and surface soil at the site to other types of wildlife has not been quantified or directly studied, though wading shore birds, raccoons, beavers, ground squirrels, and burrowing mice are considered to be at the greatest potential risk."</p> <p>"Based on bioaccumulation and histopathological studies of the site, risks to fish and shellfish near the site are generally low, although seeps of oily material may present acute risk to individual organisms."</p> <p>From the Responsiveness Summary in the 1996 ROD:</p> <ul style="list-style-type: none"><li>"Oregon DEQ and EPA believe that removal of the grossly contaminated soil/sludge in 1994 and treatment of hot spot areas to 1 in 10,000 (<math>1 \times 10^{-4}</math>) excess cancer risk levels will ensure that no significant risk to human health and environment would occur even in the event of a breach in the cap. The cap will be designed to protect against industrial exposures greater than 1,000,000 (<math>1 \times 10^{-6}</math>). The agencies believe that the cap for this site will be protective of anticipated future uses of the site. The ROD includes requirements for long term monitoring and maintenance for the soil and sediment cap to ensure that any breaches in the cap materials would be short term vs. long term which is assumed for deriving risk based concentrations and residual risk."</li></ul>	

**POTENTIALLY RESPONSIBLE PARTIES**

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**Project Name** McCORMICK and BAXTER (Portland Plant)

**ProjectID:** 10-04

**PRP Name:** PRP INFORMATION NOT RELEASED

**PRPID:**

**Street Address:**

**City:**

**State:**

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## **KEY CONTACTS**

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***Project Name*** **McCORMICK and BAXTER (Portland Plant)**

***ProjectID:*** 10-04

***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:***

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## REFERENCES

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**Project Name** McCORMICK and BAXTER (Portland Plant)

**ProjectID:** 10-04

**Reference Type:** A

**ReferenceID:** 69

**Title:** ***Record of Decision: McCormick and Baxter Creosoting Company  
Portland Plant***

**Location:** AEM

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

**Prepared by/Author:** US EPA Region X

**Preparer/Author  
Address:** 1200 Sixth Avenue  
Seattle, WA 98101

**Prepared For:**

**Date Published:** March 1996

**Key Words and  
Phrases:**

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**Reference Type:** A

**ReferenceID:** 159

**Title:** ***NPL Site Narrative at Listing: McCormick and Baxter Creosoting  
Co. (Portland Plant)***

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region X

**Preparer/Author  
Address:** 1200 Sixth Avenue  
Seattle, WA 98101

**Prepared For:** General Public

**Date Published:** May 31, 1994

**Key Words and  
Phrases:**

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**Reference Type:** A

**ReferenceID:** 955

**Title:** ***Explanation of Significant Difference***

**Location:** AEM

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

**Prepared by/Author:** Oregon Department of Environmental Quality (DEQ)

**Preparer/Author  
Address:**

**Prepared For:** Distribution

**Date Published:** August 2002

**Key Words and  
Phrases:**

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## REFERENCES

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**Project Name** McCORMICK and BAXTER (Portland Plant)

**ProjectID:** 10-04

**Reference Type:** A

**ReferenceID:** 1083

**Title:** *Memo re: Clean Water Act 401 Water Quality Certification and 404 Evaluation*

**Location:** AEM

**Category:** Monitoring, Remediation (Pre- and during)

**Prepared by/Author:** Kevin Parrett, Project Manager

**Preparer/Author Address:** Oregon Department of Environmental Quality

**Prepared For:** Susan Gardner, Project Engineer  
Ecology & Environment, Inc.

**Date Published:** December 9, 2003

**Key Words and Phrases:**

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**Reference Type:** A

**ReferenceID:** 1084

**Title:** *Technical Plans and Specifications - Sediment Gap*

**Location:** AEM

**Category:** Capping/Placement

**Prepared by/Author:** Ecology and Environment, Inc.

**Preparer/Author Address:**

**Prepared For:** Oregon DEQ

**Date Published:** December 2003

**Key Words and Phrases:**

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**Reference Type:** A

**ReferenceID:** 1085

**Title:** *Soil Cap Design Criteria Report*

**Location:** AEM

**Category:** Source Control

**Prepared by/Author:** Ecology and Environment, Inc.

**Preparer/Author Address:**

**Prepared For:** Oregon DEQ

**Date Published:** February 9, 2004

**Key Words and Phrases:**

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## REFERENCES

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**Project Name** McCORMICK and BAXTER (Portland Plant)

**ProjectID:** 10-04

**Reference Type:** A

**ReferenceID:** 1090

**Title:** *Memo re: Clean Water Act 401 Water Quality Certification and 404 Evaluation*

**Location:** AEM

**Category:** Resuspension

**Prepared by/Author:** Kevin Parrett, Project Manager

**Preparer/Author Address:** Oregon Department of Environmental Quality

**Prepared For:** Susan Gardner, Project Engineer, Ecology & Environment, Inc.

**Date Published:** December 9, 2003

**Key Words and Phrases:**

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**Reference Type:** A

**ReferenceID:** 1091

**Title:** *Tech Memo re: Evaluation of Surface Water Cleanup Goals*

**Location:** AEM

**Category:** Resuspension

**Prepared by/Author:** Heather Brunelle

**Preparer/Author Address:** Ecology & Environment, Inc.  
Portland, OR

**Prepared For:** Kevin Parrett, Oregon DEQ, Northwest Region, Portland, OR

**Date Published:** January 16, 2003

**Key Words and Phrases:**

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**Reference Type:** A

**ReferenceID:** 1092

**Title:** *Tech Memo re: Response to Hart Crowser, Inc. Comment on Sediment Cap Basis of Design*

**Location:** AEM

**Category:** Capping/Placement

**Prepared by/Author:** Heather Brunelle

**Preparer/Author Address:** Ecology & Environment, Inc.  
Portland, OR

**Prepared For:** Kevin Parrett, Oregon DEQ, Northwest Region, Portland, OR

**Date Published:** January 16, 2003

**Key Words and Phrases:**

---

## REFERENCES

---

**Project Name** McCORMICK and BAXTER (Portland Plant)

**ProjectID:** 10-04

**Reference Type:** A  
**Title:** *Sediment Cap Construction (Drawings)*  
**Location:** AEM  
**Category:** Capping/Placement  
**Prepared by/Author:** Ecology and Environment, Inc.  
**Preparer/Author Address:** 333 SW Fifth Ave.  
Portland, OR 97204  
**Prepared For:** Oregon DEQ Land Quality Division  
**Date Published:** December 15, 2003  
**Key Words and Phrases:**

---

**ReferenceID:** 1093

**Reference Type:** A  
**Title:** *Technical Plans and Specifications - Sediment Gap*  
**Location:** AEM  
**Category:** Capping/Placement  
**Prepared by/Author:** Ecology and Environment, Inc.  
**Preparer/Author Address:** 333 SW Fifth Ave.  
Portland, OR 97204  
**Prepared For:** State of Oregon Department of Environmental Quality  
811 S.W. Sixth Avenue, Portland, OR 97204  
**Date Published:** December 15, 2003  
**Key Words and Phrases:**

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**ReferenceID:** 1094

**Reference Type:** B  
**Title:** *EPA National Priorities List: McCormick & Baxter*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** US EPA HQ  
**Preparer/Author Address:**  
**Prepared For:** McCormick & Baxter Creosoting Co.  
**Date Published:** February 1996  
**Key Words and Phrases:**

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**ReferenceID:** 118

## REFERENCES

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**Project Name** McCORMICK and BAXTER (Portland Plant)

**ProjectID:** 10-04

**Reference Type:** B

**ReferenceID:** 561

**Title:** *Fact Sheet: McCormick & Baxter Creosoting Co. (Portland Plant) EPA ID# ORD009020603*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** US EPA Region X

**Preparer/Author  
Address:**

**Prepared For:** Distribution

**Date Published:** April 2002

**Key Words and  
Phrases:**

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**Reference Type:** B

**ReferenceID:** 1096

**Title:** *News Release: DEQ Signs Construction Contract Agreement for Work on Sediment Cap at McCormick & Baxter Superfund Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Oregon DEQ

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** April 15, 2004

**Key Words and  
Phrases:**

---

**Reference Type:** B

**ReferenceID:** 1097

**Title:** *Fact Sheet: McCormick & Baxter*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Oregon DEQ

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** December 18, 2003

**Key Words and  
Phrases:**

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## REFERENCES

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**Project Name** McCORMICK and BAXTER (Portland Plant)

**ProjectID:** 10-04

**Reference Type:** B  
**Title:** *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:**

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**ReferenceID:** 1101

**Reference Type:** B  
**Title:** *Portland Harbor Cleanup Newsletter*  
**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:**

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**ReferenceID:** 1102

**Reference Type:** B  
**Title:** *Fact Sheet: McCormick & Baxter*  
**Location:** AEM  
**Category:** Site Update  
**Prepared by/Author:** Oregon DEQ  
**Preparer/Author Address:**  
**Prepared For:** General Public  
**Date Published:** December 18, 2003  
**Key Words and Phrases:**

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**ReferenceID:** 1103

## REFERENCES

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**Project Name** McCORMICK and BAXTER (Portland Plant)

**ProjectID:** 10-04

**Reference Type:** B

**ReferenceID:** 1104

**Title:** *DEQ Signs Construction Contract Agreement for Work on Sediment Cap at McCormick & Baxter Superfund Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:** Oregon DEQ

**Preparer/Author  
Address:**

**Prepared For:** General Public

**Date Published:** April 15, 2004

**Key Words and  
Phrases:**

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**Reference Type:** B

**ReferenceID:** 1105

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

**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:**

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**Reference Type:** C

**ReferenceID:** 201

**Title:** *Oregon proposes \$20 million M&B cleanup*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author  
Address:**

**Prepared For:** Superfund Week

**Date Published:** November 17, 1995

**Key Words and  
Phrases:**

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## REFERENCES

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**Project Name** McCORMICK and BAXTER (Portland Plant)

**ProjectID:** 10-04

**Reference Type:** C

**ReferenceID:** 203

**Title:** *Oregon to bid out McCormick & Baxter RD/RA*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** April 12, 1996

**Key Words and  
Phrases:**

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**Reference Type:** C

**ReferenceID:** 207

**Title:** *M&B site to get '97 cleanup bids*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** July 26, 1996

**Key Words and  
Phrases:**

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**Reference Type:** C

**ReferenceID:** 208

**Title:** *McCormick & Baxter demolition work needed*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** January 3, 1997

**Key Words and  
Phrases:**

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## REFERENCES

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**Project Name** McCORMICK and BAXTER (Portland Plant)

**ProjectID:** 10-04

**Reference Type:** C

**ReferenceID:** 321

**Title:** *Oregon Will Rebid Soil Cleanup At Its McCormick & Baxter Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** September 4, 1998

**Key Words and  
Phrases:**

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**Reference Type:** C

**ReferenceID:** 544

**Title:** *Oregon to Begin Groundwater Remedy Next Fall at Its  
McCormick & Baxter Site*

**Location:** AEM

**Category:** Site Update

**Prepared by/Author:**

**Preparer/Author**

**Address:**

**Prepared For:** Superfund Week

**Date Published:** December 17, 1999

**Key Words and  
Phrases:**

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## ***FISH ADVISORIES***

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***Project Name*** **McCORMICK and BAXTER (Portland Plant)**

***ProjectID:*** 10-04

***Advisory:*** Willamette River ***AdvisoryID:*** 287  
***Extent:*** 1000 ft. radius around the McCormick and Baxter wood treatment site, Portland  
***Pollutant:*** arsenic  
***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:*** Kenneth Kauffman ***Contact Number:*** 503-731-4015

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***Advisory:*** Willamette River ***AdvisoryID:*** 288  
***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:*** Kenneth Kauffman ***Contact Number:*** 503-731-4015

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***Advisory:*** Willamette River ***AdvisoryID:*** 289  
***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:*** Kenneth Kauffman ***Contact Number:*** 503-731-4015

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