

TABLE OF CONTENTS  
PORTLAND HARBOR - GASCO REMOVAL ADMINISTRATIVE RECORD (PHGAR)

October 15, 2004

**0.0 - TABLE OF CONTENTS/INDEX**

**1.0 - SITE IDENTIFICATION/PRE-REMEDIAL ACTIVITIES**

1.2 - Background Reports

**2.0 - REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

2.1 - Correspondence

2.1.1 - Correspondence

**4.0 - INTERIM REMEDIAL/REMOVAL ACTIONS**

4.2 - GASCO Removal

4.2.3 - Decision Documents

4.2.6 - Sampling and Analysis Data/Chain of Custody Forms

4.2.8 - Background Documents

4.2.10 - CONFIDENTIAL

**8.0 - STATE COORDINATION**

8.1 - Correspondence

8.6 - Other Reports

**12.0 - ENFORCEMENT**

12.2 - PRP Notice Letters and Responses

**16.0 - PUBLIC PARTICIPATION**

16.5 - Fact Sheets/Press Releases

**18.0 - TECHNICAL SOURCES AND GUIDANCE DOCUMENTS**

18.1 - EPA Guidance

**HEADING: 0. 0...**

**TABLE OF CONTENTS/INDEX**

**HEADING: 1. 0... SITE IDENTIFICATION/PRE-REMEDIAL ACTIVITIES**

**SUB-HEAD: 1. 2... Vol. 1 - Background Reports**

1. 2... Vol. 1 - DOC ID: 1079284 IMAGED  
DATE: 7/22/1996 PAGES: 13  
AUTHOR(S): Hahn and Associates, Inc. ADDRESSEE(S): Northwest Natural Gas Co.

DESCRIPTION: Data Package for Remedial Investigation/Feasibility Study, Gasco Facility.

**HEADING: 2. 0... REMEDIAL INVESTIGATION/FEASIBILITY STUDY**

**SUB-HEAD: 2. 1... Vol. 1 - Correspondence**

**SUB-HEAD: 2. 1. 1.. Vol. 1 - Correspondence**

2. 1. 1.. Vol. 1 - DOC ID: 1128938 IMAGED  
DATE: 9/10/2001 PAGES: 3  
AUTHOR(S): ADDRESSSEE(S):  
Eric L. Blischke/Oregon State Dept. of Environmental Quality Robert J. Wyatt/NW Natural

DESCRIPTION: Correspondence commenting on the Draft Screening-Level Nearshore Source Control Evaluation Results Report - Former GASCO Facility.

2. 1. 1.. Vol. 1 - DOC ID: 1146416 IMAGED  
DATE: 11/12/2001 PAGES: 4  
AUTHOR(S): ADDRESSSEE(S):  
Carl Stivers/Anchor Environmental, LLC. Eric L. Blischke/Oregon State Dept. of Environmental Quality

DESCRIPTION: Response to comments on the Draft Screening Level Nearshore Source Control Evaluation Results Report - Former Gasco Facility.

**HEADING: 4. 0... INTERIM REMEDIAL/REMOVAL ACTIONS**

**SUB-HEAD: 4. 2... Vol. 1 - GASCO Removal**

**SUB-HEAD: 4. 2. 3.. Vol. 1 - Decision Documents**

4. 2. 3.. Vol. 1 - DOC ID: 1185606 IMAGED  
DATE: 4/28/2004 PAGES: 17  
AUTHOR(S): ADDRESSSEE(S):  
Sean A. Sheldrake/EPA Michael F. Gearheard/EPA

DESCRIPTION: Action Memorandum/Enforcement: Request for a Removal Action at the GASCO Site, Portland, Multnomah County, Oregon.

4. 2. 3.. Vol. 1 - DOC ID: 1185607 IMAGED  
DATE: 4/28/2004 PAGES: 64  
AUTHOR(S): ADDRESSSEE(S):  
Michael F. Gearheard/EPA NW Natural

DESCRIPTION: Administrative Order on Consent for Removal Action in the matter of Portland Harbor Superfund Site, GASCO Facility.

**SUB-HEAD: 4. 2. 6.. Vol. 1 - Sampling and Analysis Data/Chain of Custody Forms**

4. 2. 6.. Vol. 1 - DOC ID: 1185305 IMAGED  
DATE: 4/20/2001 PAGES: 208  
AUTHOR(S): ADDRESSSEE(S):  
Hahn and Associates, Inc. NW Natural

DESCRIPTION: Supplemental Soil Quality Investigation Report: NW Natural - Gasco Facility.

4. 2. 6.. Vol. 1 - DOC ID: 1185303 IMAGED  
DATE: 1/26/2004 PAGES: 5  
AUTHOR(S): ADDRESSSEE(S):  
Rodney G. Struck/Oregon State Dept. of Environmental Quality File

Matt McClincy/Oregon State Dept. of Environmental Quality

DESCRIPTION: Memorandum to the Gasco Cleanup File: Groundwater Source Control Characterization Scope of Work for Former Tar Pond/Willamette River Area - NW Natural Gasco Facility.

(PHGAR) PORTLAND HARBOR - GASCO REMOVAL ADMINISTRATIVE RECORD INDEX

**SUB-HEAD: 4. 2. 8.. Vol. 1 - Background Documents**

4. 2. 8.. Vol. 1 - DOC ID: 1185370 IMAGED  
DATE: 6/1/1987 PAGES: 103  
AUTHOR(S): ADDRESSEE(S):  
Camp Dresser & McKee, Inc. Unknown

DESCRIPTION: North Doane's Lake Site Characterization Work plan.

4. 2. 8.. Vol. 1 - DOC ID: 1185309 IMAGED  
DATE: 10/9/1998 PAGES: 61  
AUTHOR(S): ADDRESSEE(S):  
Hahn and Associates, Inc. NW Natural

Decision Management Associates

DESCRIPTION: Phase I Remedial Investigation Summary Report and Preliminary Analysis of Soil Data, Vol. 1.

4. 2. 8.. Vol. 1 - DOC ID: 1185310 IMAGED  
DATE: 10/9/1998 PAGES: 211  
AUTHOR(S): ADDRESSEE(S):  
Hahn and Associates, Inc. NW Natural

Decision Management Associates

DESCRIPTION: Phase I Remedial Investigation Summary Report and Preliminary Analysis of Soil Data, Vol. 2.

4. 2. 8.. Vol. 1 - DOC ID: 1185593 IMAGED  
DATE: 4/7/2004 PAGES: 4  
AUTHOR(S): ADDRESSEE(S):  
Oregon State Dept. of Environmental Quality Unknown

DESCRIPTION: Environmental Cleanup Site Information (ECSI) Database - Site Summary Report - Details for Site ID 84.

**SUB-HEAD: 4. 2. 10.. Vol. 1 - CONFIDENTIAL**

4. 2. 10.. Vol. 1 - DOC ID: 1185610 IMAGED Confidential  
DATE: PAGES: 16  
AUTHOR(S): ADDRESSEE(S):  
Sean A. Shelldrake/EPA Michael F. Gearheard/EPA

DESCRIPTION: Draft Action Memorandum: Request for a Removal Action at the GASCO Site, Portland, Multnomah County, Oregon. With Estimated Costs.

**HEADING: 8. 0... STATE COORDINATION**

**SUB-HEAD: 8. 1... Vol. 1 - Correspondence**

8. 1... Vol. 1 - DOC ID: 1146693 IMAGED  
DATE: 3/15/2002 PAGES: 5  
AUTHOR(S): Eric L. Blischke/Oregon State Dept. of Environmental Quality  
ADDRESSEE(S): Robert J. Wyatt/NW Natural

DESCRIPTION: Letter regarding the need for a comprehensive plan for completing the Remedial Investigation and Feasibility Study at the former GASCO site.

8. 1... Vol. 1 - DOC ID: 1146695 IMAGED  
DATE: 5/10/2002 PAGES: 7  
AUTHOR(S): Robert J. Wyatt/NW Natural  
ADDRESSEE(S): Eric L. Blischke/Oregon State Dept. of Environmental Quality

DESCRIPTION: Correspondence responding to a letter from the Oregon Department of Environmental Quality dated 3/15/02 regarding outstanding issues at the NW Natural Former Gasco facility.

8. 1... Vol. 1 - DOC ID: 1151161 IMAGED  
DATE: 6/21/2002 PAGES: 2  
AUTHOR(S): Sandra K. Hart/NW Natural  
ADDRESSEE(S): Michael E. Rosen/Oregon State Dept. of Environmental Quality

DESCRIPTION: Letter regarding regulatory requirements during the Remedial Investigation and Feasibility Study at the former GASCO site.

8. 1... Vol. 1 - DOC ID: 1160461 IMAGED  
DATE: 1/22/2003 PAGES: 5  
AUTHOR(S): Michael E. Rosen/Oregon State Dept. of Environmental Quality  
ADDRESSEE(S): Robert J. Wyatt/NW Natural

DESCRIPTION: Correspondence responding to a letter dated 12/3/02 regarding completion of the Remedial Investigation and Feasibility Study at the former GASCO facility.

8. 1... Vol. 1 - DOC ID: 1160464 IMAGED  
DATE: 2/21/2003 PAGES: 2  
AUTHOR(S): Robert J. Wyatt/NW Natural  
ADDRESSEE(S): Michael E. Rosen/Oregon State Dept. of Environmental Quality

(PHGAR) PORTLAND HARBOR - GASCO REMOVAL ADMINISTRATIVE RECORD INDEX

DESCRIPTION:

Correspondence responding to a letter dated 1/22/03 discussing the Remedial Investigation and Feasibility Study process at the Former Gasco Site and detailing NW Natural's planned response to the findings.

**SUB-HEAD: 8. 6... Vol. 1 -**

**Other Reports**

8. 6... Vol. 1 -

DATE: 7/1/2001

DOC ID: 1151162 IMAGED

PAGES: 140

AUTHOR(S):

Anchor Environmental, LLC.

ADDRESSEE(S):

Oregon State Dept. of Environmental Quality

DESCRIPTION:

NW Natural "Gasco" Site, Draft Screening Level Nearshore Source Control Evaluation Results Report.

8. 6... Vol. 1 -

DATE: 5/10/2002

DOC ID: 1151163 IMAGED

PAGES: 172

AUTHOR(S):

Hahn and Associates, Inc.

ADDRESSEE(S):

NW Natural

DESCRIPTION:

Report on Anode Groundbed Abandonment Activities, NW Natural Gasco Facility.

**HEADING: 12. 0... ENFORCEMENT**

**SUB-HEAD: 12. 2... Vol. 1 - PRP Notice Letters and Responses**

12. 2... Vol. 1 -	DOC ID: 1146026	IMAGED
DATE: 12/8/2000	PAGES: 3	
AUTHOR(S): Michael F. Gearheard/EPA	ADDRESSEE(S): CJ Rue/Unknown	

**DESCRIPTION:** Notice of Potential Liability for the GASCO (NW Natural) facility located at 7540 NW St. Helens Road, Portland Harbor Superfund Site, Portland, Oregon.

**HEADING: 16. 0... PUBLIC PARTICIPATION**

**SUB-HEAD: 16. 5... Vol. 1 - Fact Sheets/Press Releases**

16. 5... Vol. 1 - DOC ID: 1185608 IMAGED  
DATE: 4/29/2004 PAGES: 2  
AUTHOR(S): ADDRESSEE(S):  
Judy R. Smith/EPA Unknown

Sean A. Sheldrake/EPA

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

**HEADING: 18. 0... TECHNICAL SOURCES AND GUIDANCE DOCUMENTS**

**SUB-HEAD: 18. 1... Vol. 1 - EPA Guidance**

18. 1... Vol. 1 - DOC ID: 1185609 IMAGED  
DATE: 12/1/2002 PAGES: 232  
AUTHOR(S): Christopher G. Ingersoll/U. S. Geological Survey ADDRESSEE(S): Unknown

EPA

Sustainable Fisheries Foundation

Donald D. MacDonald/MacDonald Environmental Sciences, Ltd.

DESCRIPTION: A Guidance Manual to Support the Assessment of Contaminated Sediments in Freshwater Ecosystems - Volume III - Interpretation of the Results of Sediment Quality Investigations.