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PORTLAND HARBOR - GASCO REMOVAL ADMINISTRATIVE RECORD (PHGAR)

July 22, 2005

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HEADING: 0. 0...

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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. 1.. Vol. 1 - Correspondence

4. 2. 1.. Vol. 1 - DOC ID: 1185297 IMAGED
DATE: 11/12/2001 PAGES: 4
AUTHOR(S): Carl Stivers/Anchor Environmental, LLC. ADDRESSEE(S):
Eric L. Blischke/Oregon State Dept. of
Environmental Quality

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

4. 2. 1.. Vol. 1 - DOC ID: 1185753 IMAGED
DATE: 2/24/2004 PAGES: 2
AUTHOR(S): James M. Anderson/Oregon State Dept. of Environmental Quality ADDRESSEE(S):
Robert J. Wyatt/NW Natural

DESCRIPTION: Letter regarding Source Control Characterization - NW Natural - GASCO Facility.

4. 2. 1.. Vol. 1 - DOC ID: 1185754 IMAGED
DATE: 5/3/2004 PAGES: 2
AUTHOR(S): Lori Houck Cora/EPA ADDRESSEE(S):
Patricia M. Dost/Schwabe Williamson & Wyatt

DESCRIPTION: Letter regarding an error on page 6 of the Administrative Order on Consent - new page 6 attached.

4. 2. 1.. Vol. 1 - DOC ID: 1185755 IMAGED
DATE: 5/3/2004 PAGES: 1
AUTHOR(S): Carl Stivers/Anchor Environmental, LLC. ADDRESSEE(S):
Sean A. Shelldrake/EPA

DESCRIPTION: Letter transmitting the Submittal of Qualifications and Quality Management Plan (without attachments).

4. 2. 1.. Vol. 1 - DOC ID: 1185934 IMAGED
DATE: 6/8/2004 PAGES: 2
AUTHOR(S): ADDRESSEE(S):

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4. 2. 1.. Vol. 1 - DOC ID: 1198475 IMAGED
DATE: 9/24/2004 PAGES: 13
AUTHOR(S): Sean A. Shel Drake/EPA ADDRESSEE(S): Robert J. Wyatt/NW Natural

DESCRIPTION: Letter providing comments on the Removal Action Project Plan, Draft Preliminary Design Submittal: Removal Action, NW Natural "GASCO" Site, dated 9/04.

4. 2. 1.. Vol. 1 - DOC ID: 1198365 IMAGED
DATE: 10/8/2004 PAGES: 4
AUTHOR(S): Patricia M. Dost/Schwabe Williamson & Wyatt ADDRESSEE(S): Lori Houck Cora/EPA

DESCRIPTION: Letter regarding EPA comments on the Draft Preliminary Design Submittal - GASCO Removal Action.

4. 2. 1.. Vol. 1 - DOC ID: 1198366 IMAGED
DATE: 10/8/2004 PAGES: 2
AUTHOR(S): Lori Houck Cora/EPA ADDRESSEE(S): Patricia M. Dost/Schwabe Williamson & Wyatt

DESCRIPTION: Letter regarding the 10/8/04 letter addressing EPA comments on the Draft Preliminary Design Submittal - GASCO Removal Action.

4. 2. 1.. Vol. 1 - DOC ID: 1198367 IMAGED
DATE: 10/21/2004 PAGES: 4
AUTHOR(S): Robert J. Wyatt/NW Natural ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION: Letter: Request for Formal Dispute Resolution regarding EPA comments on Draft Preliminary Design Submittal.

4. 2. 1.. Vol. 1 - DOC ID: 1198368 IMAGED
DATE: 10/27/2004 PAGES: 33
AUTHOR(S): Lori Houck Cora/EPA ADDRESSEE(S): Patricia M. Dost/Schwabe Williamson & Wyatt

DESCRIPTION: EPA Response to NW Natural's request for formal dispute resolution.

4. 2. 1.. Vol. 1 - DOC ID: 1198505 IMAGED
DATE: 11/10/2004 PAGES: 60
AUTHOR(S): Patricia M. Dost/Schwabe Williamson & Wyatt ADDRESSEE(S): Lori Houck Cora/EPA

DESCRIPTION: NW Natural's reply to EPA's response on Formal Dispute Resolution, GASCO Removal Action.

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4. 2. 1.. Vol. 1 - DOC ID: 1198613 IMAGED
DATE: 12/14/2004 PAGES: 12
AUTHOR(S): Sean A. Shel Drake/EPA ADDRESSEE(S): Robert J. Wyatt/NW Natural

DESCRIPTION: Letter providing comments on the Removal Action Project Plan, Draft Final Design Submittal: Removal Action, NW Natural "GASCO" site, dated 11/16/04.

4. 2. 1.. Vol. 1 - DOC ID: 1198481 IMAGED
DATE: 12/17/2004 PAGES: 6
AUTHOR(S): Daniel D. Opalski/EPA ADDRESSEE(S): Robert J. Wyatt/NW Natural

DESCRIPTION: Letter providing the final decision on the formal dispute regarding EPA comments on the Draft Preliminary Design Submittal.

4. 2. 1.. Vol. 1 - DOC ID: 1198614 IMAGED
DATE: 12/20/2004 PAGES: 4
AUTHOR(S): Robert J. Wyatt/NW Natural ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION: Letter requesting Formal Dispute Resolution Regarding EPA Comments on Draft Final Design Submittal.

4. 2. 1.. Vol. 1 - DOC ID: 1198482 IMAGED
DATE: 1/3/2005 PAGES: 1
AUTHOR(S): Jane Harris/Portland Harbor Community Advisory Group ADDRESSEE(S): Daniel D. Opalski/EPA

DESCRIPTION: Letter providing opinion on the disposal of the hazardous waste at the GASCO site.

4. 2. 1.. Vol. 1 - DOC ID: 1198484 IMAGED
DATE: 1/4/2005 PAGES: 1
AUTHOR(S): Jane Harris/Oregon Center for Environmental Health ADDRESSEE(S): Daniel D. Opalski/EPA

DESCRIPTION: Letter providing opinion on the disposal of the hazardous waste at the GASCO site.

4. 2. 1.. Vol. 1 - DOC ID: 1198485 IMAGED
DATE: 1/14/2005 PAGES: 25
AUTHOR(S): Lori Houck Cora/EPA ADDRESSEE(S): Daniel D. Opalski/EPA

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

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4. 2. 1.. Vol. 1 - DOC ID: 1198486 IMAGED
DATE: 1/14/2005 PAGES: 4
AUTHOR(S): ADDRESSSEE(S):
Sean A. Shelldrake/EPA Robert J. Wyatt/NW Natural

DESCRIPTION: Letter responding to GASCO formal dispute regarding EPA comments on Draft Preliminary Design Submittal, Waste Material Disposal.

4. 2. 1.. Vol. 1 - DOC ID: 1198487 IMAGED
DATE: 1/18/2005 PAGES: 4
AUTHOR(S): ADDRESSSEE(S):
Sean A. Shelldrake/EPA Robert J. Wyatt/NW Natural

DESCRIPTION: Letter providing comments regarding the sheet pile schedule conveyed on 1/5/05.

4. 2. 1.. Vol. 1 - DOC ID: 1198488 IMAGED
DATE: 1/18/2005 PAGES: 8
AUTHOR(S): ADDRESSSEE(S):
Robert J. Wyatt/NW Natural Sean A. Shelldrake/EPA

DESCRIPTION: Letter regarding GASCO Removal Action, Formal Dispute Resolution Regarding EPA Directed Changes to Draft Final Design Submittal.

4. 2. 1.. Vol. 1 - DOC ID: 1198489 IMAGED
DATE: 1/24/2005 PAGES: 1
AUTHOR(S): ADDRESSSEE(S):
Lori Houck Cora/EPA Patricia M. Dost/Schwabe Williamson & Wyatt

DESCRIPTION: Memo transmitting the memorandum and attachments that forwarded NW Natural's dispute to Opalski for decision, without attachment.

4. 2. 1.. Vol. 1 - DOC ID: 1198506 IMAGED
DATE: 1/28/2005 PAGES: 9
AUTHOR(S): ADDRESSSEE(S):
Sean A. Shelldrake/EPA Daniel D. Opalski/EPA

DESCRIPTION: E-mail transmitting comments on the 1/18/05 NW Natural Dispute Resolution Letter by R. Wadsworth and P. Battuello of Parametrix.

4. 2. 1.. Vol. 1 - DOC ID: 1198721 IMAGED
DATE: 2/4/2005 PAGES: 3
AUTHOR(S): ADDRESSSEE(S):
Sean A. Shelldrake/EPA Robert J. Wyatt/NW Natural

DESCRIPTION: Letter providing an outline of major components of an Engineering Evaluation/Cost Analysis (EE/CA) per EPA guidance.

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4. 2. 1.. Vol. 1 - DOC ID: 1198722 IMAGED
DATE: 2/10/2005 PAGES: 1
AUTHOR(S): ADDRESSSEE(S):
Robert J. Wyatt/NW Natural Sean A. Sheldrake/EPA

DESCRIPTION: Letter regarding development of an Engineering Evaluation/Cost Analysis (EE/CA) for the GASCO Removal Action.

4. 2. 1.. Vol. 1 - DOC ID: 1198615 IMAGED
DATE: 2/18/2005 PAGES: 7
AUTHOR(S): ADDRESSSEE(S):
Daniel D. Opalski/EPA Robert J. Wyatt/NW Natural

DESCRIPTION: Letter providing an interim decision on the dispute between NW Natural and EPA Concerning the containment options for the GASCO Removal Action.

4. 2. 1.. Vol. 1 - DOC ID: 1198723 IMAGED
DATE: 2/18/2005 PAGES: 21
AUTHOR(S): ADDRESSSEE(S):
Carl Stivers/Anchor Environmental, LLC. Sean A. Sheldrake/EPA

DESCRIPTION: NW Natural Response to EPA Comments on the Draft Final Design Removal Action Project Plan, Draft Final Design Submittal: Removal Action.

4. 2. 1.. Vol. 1 - DOC ID: 1198724 IMAGED
DATE: 3/1/2005 PAGES: 3
AUTHOR(S): ADDRESSSEE(S):
Sean A. Sheldrake/EPA Robert J. Wyatt/NW Natural

DESCRIPTION: EPA response to 2/18/05 NW Natural Response to Comments on Draft Final Design Removal Action Project Plan.

4. 2. 1.. Vol. 1 - DOC ID: 1198725 IMAGED
DATE: 3/13/2005 PAGES: 6
AUTHOR(S): ADDRESSSEE(S):
Sean A. Sheldrake/EPA Robert J. Wyatt/NW Natural

DESCRIPTION: Letter providing comments on preliminary Engineering Evaluation/Cost Analysis (EE/CA) submittals.

4. 2. 1.. Vol. 1 - DOC ID: 1208972 IMAGED
DATE: 3/23/2005 PAGES: 4
AUTHOR(S): ADDRESSSEE(S):
Sean A. Sheldrake/EPA Robert J. Wyatt/NW Natural

DESCRIPTION: Comments on partial EE/CA (through section 4.2) submitted 3/15/05.

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4. 2. 1.. Vol. 1 - DOC ID: 1208974 IMAGED
DATE: 3/31/2005 PAGES: 5
AUTHOR(S): Helen E. Hillman/NOAA ADDRESSEE(S): Sean A. Shelldrake/EPA

DESCRIPTION: NOAA comments on draft EE/CA for the sediment removal action at the GASCO site in Portland.

4. 2. 1.. Vol. 1 - DOC ID: 1208975 IMAGED
DATE: 3/31/2005 PAGES: 2
AUTHOR(S): Sean A. Shelldrake/EPA ADDRESSEE(S): Robert J. Wyatt/NW Natural

DESCRIPTION: Response to NW Natural 3/30/05 dispute resolution request.

4. 2. 1.. Vol. 1 - DOC ID: 1208977 IMAGED
DATE: 4/7/2005 PAGES: 11
AUTHOR(S): Sean A. Shelldrake/EPA ADDRESSEE(S): Robert J. Wyatt/NW Natural

DESCRIPTION: Comments on draft EE/CA submittal dated 3/22/05.

4. 2. 1.. Vol. 1 - DOC ID: 1210019 IMAGED
DATE: 5/10/2005 PAGES: 6
AUTHOR(S): Sandra K. Hart/NW Natural ADDRESSEE(S): Daniel D. Opalski/EPA

DESCRIPTION: Letter regarding additional detail on NW Natural's proposal to integrate uplands and sediment work.

4. 2. 1.. Vol. 1 - DOC ID: 1210020 IMAGED
DATE: 5/13/2005 PAGES: 6
AUTHOR(S): Daniel D. Opalski/EPA ADDRESSEE(S): Sandra K. Hart/NW Natural

DESCRIPTION: Letter regarding NW Natural's proposal to integrate uplands and in-water work at the GASCO site.

4. 2. 1.. Vol. 1 - DOC ID: 1210209 IMAGED
DATE: 6/20/2005 PAGES: 19
AUTHOR(S): Sean A. Shelldrake/EPA ADDRESSEE(S): Howard B. Jones/U. S. Army Corps of Engineers
Jen Munson/Unknown
Miriam Ostroff/Unknown

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Sean A. Shel Drake/EPA

Howard MacMurray/Unknown

Steven Davis/Unknown

DESCRIPTION:

Letter providing commenters on the GASCO Early Action Removal with a copy of the EPA Action Memo. With 14 additional addressees (without attachment).

SUB-HEAD: 4. 2. 2.. Vol. 1 - Notes/E-mail

4. 2. 2.. Vol. 1 - DOC ID: 1198491 IMAGED
DATE: 12/16/2004 PAGES: 2
AUTHOR(S): Sean A. Shel Drake/EPA
ADDRESSEE(S): Robert J. Wyatt/NW Natural

DESCRIPTION:

E-mail chain regarding comments on the design plan.

4. 2. 2.. Vol. 1 - DOC ID: 1198726 IMAGED
DATE: 2/2/2005 PAGES: 2
AUTHOR(S): Jeremy Buck/U. S. Fish and Wildlife Service
ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION:

E-mail providing comments on 1/18/05 NW Natural Dispute Resolution Letter (without attachment).

4. 2. 2.. Vol. 1 - DOC ID: 1198727 IMAGED
DATE: 2/8/2005 PAGES: 26
AUTHOR(S): Carl Stivers/Anchor Environmental, LLC.
ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION:

E-mail providing a response to Parametrix 1/27/05 Sheet Pile Memo.

4. 2. 2.. Vol. 1 - DOC ID: 1198715 IMAGED
DATE: 2/16/2005 PAGES: 4
AUTHOR(S): Carl Stivers/Anchor Environmental, LLC.
ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION:

E-mail transmitting Schedule of Deliverables for the GASCO Removal Action.

4. 2. 2.. Vol. 1 - DOC ID: 1210028 IMAGED
DATE: 5/23/2005 PAGES: 1
AUTHOR(S): Randall Pearl/Unknown
ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION:

E-mail providing comments on the GASCO/NW Natural site.

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4. 2. 2.. Vol. 1 - DOC ID: 1210388 IMAGED
DATE: 5/31/2005 PAGES: 2
AUTHOR(S): Carl Stivers/Anchor Environmental, LLC. ADDRESSEE(S): Sean A. Shelldrake/EPA

DESCRIPTION: Engineering Evaluation/Cost Analysis Presentation for public hearing for NW Natural "GASCO" Removal Action.

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): Sean A. Shelldrake/EPA ADDRESSEE(S): 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: 1198765 IMAGED
DATE: 5/10/2005 PAGES: 250
AUTHOR(S): NW Natural ADDRESSEE(S): EPA

DESCRIPTION: Engineering Evaluation/Cost Analysis (EE/CA), Removal Action, NW Natural "GASCO" Site, Public Review Draft with CD-ROM of document.

4. 2. 3.. Vol. 1 - DOC ID: 1210211 IMAGED
DATE: 6/17/2005 PAGES: 60
AUTHOR(S): Sean A. Shelldrake/EPA ADDRESSEE(S): Daniel D. Opalski/EPA

DESCRIPTION: Action Memorandum for a Non-time-critical Removal Action at the GASCO site within the Portland Harbor Superfund Site, with 6/17/05 Responsiveness Summary.

4. 2. 3.. Vol. 1 - DOC ID: 1210212 IMAGED
DATE: 6/20/2005 PAGES: 14
AUTHOR(S): EPA ADDRESSEE(S): Unknown

DESCRIPTION: EPA Responsiveness Summary to public comments on the EE/CA GASCO Tar Body Removal Action, 6/20/05.

SUB-HEAD: 4. 2. 3. 1. Vol. 1 - Comments

4. 2. 3. 1. Vol. 1 - DOC ID: 1210213 IMAGED
DATE: 5/20/2005 PAGES: 3
AUTHOR(S): ADDRESSEE(S):

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Glen D. Carter/Unknown

Sean A. Shel Drake/EPA

DESCRIPTION: Comments on the Portland Harbor GASCO Removal Action.

4. 2. 3. 1. Vol. 1 - DOC ID: 1210214 IMAGED
DATE: 5/21/2005 PAGES: 2
AUTHOR(S): Ellen Bloch/Unknown ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION: Comments on the Portland Harbor GASCO Removal Action.

4. 2. 3. 1. Vol. 1 - DOC ID: 1210215 IMAGED
DATE: 5/22/2005 PAGES: 2
AUTHOR(S): Nancy Cable/Unknown ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION: Comments on the Portland Harbor GASCO Removal Action.

4. 2. 3. 1. Vol. 1 - DOC ID: 1210216 IMAGED
DATE: 5/22/2005 PAGES: 2
AUTHOR(S): Lucia Powers/Unknown ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION: Comments on the Portland Harbor GASCO Removal Action.

4. 2. 3. 1. Vol. 1 - DOC ID: 1210217 IMAGED
DATE: 5/23/2005 PAGES: 2
AUTHOR(S): Dan Schmitz/Unknown ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION: Comments on the Portland Harbor GASCO Removal Action.

4. 2. 3. 1. Vol. 1 - DOC ID: 1210218 IMAGED
DATE: 5/23/2005 PAGES: 1
AUTHOR(S): Mildred Kuntzmann/Unknown ADDRESSEE(S): Sean A. Shel Drake/EPA

DESCRIPTION: Comments on the Portland Harbor GASCO Removal Action.

4. 2. 3. 1. Vol. 1 - DOC ID: 1210219 IMAGED
DATE: 5/23/2005 PAGES: 2
AUTHOR(S): Walter L. Johnson/Unknown ADDRESSEE(S): Sean A. Shel Drake/EPA

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4. 2. 3. 1. Vol. 1 - DOC ID: 1210227 IMAGED
DATE: 6/10/2005 PAGES: 2
AUTHOR(S): Jenny E. Pompilio/Oregon Physicians for Social Responsibility ADDRESSEE(S): Sean A. Shelldrake/EPA

DESCRIPTION: Comments on the Portland Harbor GASCO Removal Action.

4. 2. 3. 1. Vol. 1 - DOC ID: 1210228 IMAGED
DATE: 6/12/2005 PAGES: 2
AUTHOR(S): Travis Williams/Willamette Riverkeeper ADDRESSEE(S): Sean A. Shelldrake/EPA

DESCRIPTION: Comments on the Portland Harbor GASCO Removal Action.

4. 2. 3. 1. Vol. 1 - DOC ID: 1210229 IMAGED
DATE: 6/13/2005 PAGES: 3
AUTHOR(S): Howard B. Jones/U. S. Army Corps of Engineers ADDRESSEE(S): Sean A. Shelldrake/EPA

DESCRIPTION: Comments on the Portland Harbor GASCO Removal Action.

4. 2. 3. 1. Vol. 1 - DOC ID: 1210389 IMAGED
DATE: 6/13/2005 PAGES: 4
AUTHOR(S): Jean Lee/Environment International, Ltd. ADDRESSEE(S): Sean A. Shelldrake/EPA

DESCRIPTION: E-mail transmitting Supplemental Tribal Comments for the GASCO Site.

4. 2. 3. 1. Vol. 1 - DOC ID: 1210230 IMAGED
DATE: 6/15/2005 PAGES: 2
AUTHOR(S): Paula Dillard/EPA ADDRESSEE(S): Rick Wadsworth/Parametrix, Inc.

DESCRIPTION: Fax transmittal of additional comment letters, without attachments.

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): Hahn and Associates, Inc. ADDRESSEE(S): NW Natural

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

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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 File
Quality
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.

SUB-HEAD: 4. 2. 7.. Vol. 1 - Project Plan

4. 2. 7.. Vol. 1 - DOC ID: 1198492 IMAGED
DATE: 9/1/2004 PAGES: 202
AUTHOR(S): ADDRESSSEE(S):
Anchor Environmental, LLC. EPA

DESCRIPTION: Removal Action Project Plan - Draft Preliminary Design Submittal - Removal Action - NW Natural "GASCO" Site.

4. 2. 7.. Vol. 1 - DOC ID: 1198383 IMAGED
DATE: 11/16/2004 PAGES: 51
AUTHOR(S): ADDRESSSEE(S):
Unknown Unknown

DESCRIPTION: Summary of revisions made in response to EPA comments.

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

4. 2. 8.. Vol. 1 - DOC ID: 1185370 IMAGED
DATE: 6/1/1987 PAGES: 104
AUTHOR(S): ADDRESSSEE(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): ADDRESSSEE(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.

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4. 2. 8.. Vol. 1 - DOC ID: 1185310 IMAGED
DATE: 10/9/1998 PAGES: 211
AUTHOR(S): Hahn and Associates, Inc. ADDRESSEE(S):
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): Oregon State Dept. of Environmental Quality ADDRESSEE(S):
Unknown

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

SUB-HEAD: 4. 2. 9.. Vol. 1 - Reports

4. 2. 9.. Vol. 1 - DOC ID: 1185756 IMAGED
DATE: 5/4/2004 PAGES: 2
AUTHOR(S): Carl Stivers/Anchor Environmental, LLC. ADDRESSEE(S):
Sean A. Shel Drake/EPA

DESCRIPTION: Progress Report for the Month of April 2004 - Removal Action Portland Harbor Superfund Site GASCO Facility.

4. 2. 9.. Vol. 1 - DOC ID: 1185888 IMAGED
DATE: 6/7/2004 PAGES: 2
AUTHOR(S): Carl Stivers/Anchor Environmental, LLC. ADDRESSEE(S):
Sean A. Shel Drake/EPA

DESCRIPTION: Progress Report for the month of May, 2004: Removal Action Portland Harbor Superfund Site GASCO Facility.

4. 2. 9.. Vol. 1 - DOC ID: 1185889 IMAGED
DATE: 7/6/2004 PAGES: 2
AUTHOR(S): Carl Stivers/Anchor Environmental, LLC. ADDRESSEE(S):
Sean A. Shel Drake/EPA

DESCRIPTION: Progress Report for the month of June, 2004: Removal Action Portland Harbor Superfund Site GASCO Facility.

4. 2. 9.. Vol. 1 - DOC ID: 1185890 IMAGED
DATE: 8/5/2004 PAGES: 2
AUTHOR(S): ADDRESSEE(S):

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Carl Stivers/Anchor Environmental, LLC.

Sean A. Sheldrake/EPA

DESCRIPTION:

Progress Report for the month of July, 2004: Removal Action Portland Harbor Superfund Site GASCO Facility.

4. 2. 9.. Vol. 1 - DOC ID: 1198363 IMAGED

DATE: 9/3/2004 PAGES: 2

AUTHOR(S):

Carl Stivers/Anchor Environmental, LLC.

ADDRESSEE(S):

Sean A. Sheldrake/EPA

DESCRIPTION:

Progress Report for the Month of August 2004 - Removal Action Portland Harbor Superfund Site GASCO Facility.

4. 2. 9.. Vol. 1 - DOC ID: 1198477 IMAGED

DATE: 10/14/2004 PAGES: 8

AUTHOR(S):

Sean A. Sheldrake/EPA

ADDRESSEE(S):

Robert J. Wyatt/NW Natural

DESCRIPTION:

Letter providing follow up from Preliminary Design September 2004 comment letter and Design meeting held 10/13/04.

4. 2. 9.. Vol. 1 - DOC ID: 1198493 IMAGED

DATE: 11/16/2004 PAGES: 36

AUTHOR(S):

R. Todd Baker/Archaeological Investigations Northwest, Inc.

ADDRESSEE(S):

NW Natural

David V. Ellis/Archaeological Investigations Northwest, Inc.

Anchor Environmental, LLC.

R. Todd Baker/Archaeological Investigations Northwest, Inc.

DESCRIPTION:

An Assessment of the Potential for Archaeological and Historical Resources at the GASCO Removal Action Location, Portland, Oregon.

4. 2. 9.. Vol. 1 - DOC ID: 1198480 IMAGED

DATE: 12/3/2004 PAGES: 2

AUTHOR(S):

Carl Stivers/Anchor Environmental, LLC.

ADDRESSEE(S):

Sean A. Sheldrake/EPA

DESCRIPTION:

Progress Report for the Month of November 2004, Removal Action Portland Harbor Superfund Site, GASCO Facility.

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): ADDRESSSEE(S):
Eric L. Blischke/Oregon State Dept. of Environmental Quality 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): ADDRESSSEE(S):
Robert J. Wyatt/NW Natural 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): ADDRESSSEE(S):
Sandra K. Hart/NW Natural 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 (without enclosures).

8. 1... Vol. 1 - DOC ID: 1160461 IMAGED
DATE: 1/22/2003 PAGES: 5
AUTHOR(S): ADDRESSSEE(S):
Michael E. Rosen/Oregon State Dept. of Environmental Quality 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): ADDRESSSEE(S):
Robert J. Wyatt/NW Natural 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): ADDRESSSEE(S):
Michael F. Gearheard/EPA 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 (without enclosure).

SUB-HEAD: 12. 6... Vol. 1 - Administrative Orders

12. 6... 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.

HEADING: 16. 0... PUBLIC PARTICIPATION

SUB-HEAD: 16. 2... Vol. 1 - Community Relations Plan

16. 2... Vol. 1 - DOC ID: 1198769 IMAGED
DATE: 4/1/2005 PAGES: 1
AUTHOR(S): ADDRESSSEE(S):
EPA Unknown

DESCRIPTION: GASCO Removal Action Community Involvement Plan - Addendum to Portland Harbor Community Involvement Plan 2/02.

16. 2... Vol. 1 - DOC ID: 1198768 IMAGED
DATE: 5/1/2005 PAGES: 2
AUTHOR(S): ADDRESSSEE(S):
Judy R. Smith/EPA Unknown

DESCRIPTION: Summary of Community Concerns for the GASCO Early Action Site.

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): ADDRESSSEE(S):
Judy R. Smith/EPA Unknown

Sean A. Sheldrake/EPA

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

SUB-HEAD: 16. 9... Vol. 1 - Newspaper/Journal Articles

16. 9... Vol. 1 - DOC ID: 1210391 IMAGED
DATE: 6/2/2005 PAGES: 3
AUTHOR(S): ADDRESSSEE(S):
Alex Pulaski/The Oregonian Unknown

Julie Sullivan/The Oregonian

DESCRIPTION: Newspaper Article: Tar Site Cleanup Mired in Disputes.

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

Donald D. MacDonald/MacDonald Environmental Sciences,
Ltd.

Sustainable Fisheries Foundation

EPA

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