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July 27, 2006

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HEADING: 4. 0... INTERIM REMEDIAL ACTION AND REMOVALS POST-NPL (12)

SUB-HEAD: 4. 1... Vol. 1 - Correspondence

4. 1... Vol. 1 - 1026193 DOC ID: 1026193 IMAGED
DATE: 3/8/1995 PAGES: 14
AUTHOR(S): Chris D. Field/EPA ADDRESSEE(S):
Randall F. Smith/EPA

DESCRIPTION: Action Memorandum: Request for a Removal Action at Reynolds Metals Co. (The Confidential page to this Action Memo is in a seperate folder.)

4. 1... Vol. 1 - DOC ID: 1167758 IMAGED
DATE: 3/17/1995 PAGES: 1
AUTHOR(S): Chris D. Field/EPA ADDRESSEE(S):
Steven M. Shaw/Reynolds Metals Company

DESCRIPTION: Letter transmitting the March 8, 1995 Action Memorandum. (Less enclosure)

4. 1... Vol. 1 - DOC ID: 1167751 IMAGED
DATE: 4/18/1995 PAGES: 3
AUTHOR(S): Steven M. Shaw/Reynolds Metals Company ADDRESSEE(S):
Chris D. Field/EPA

DESCRIPTION: Letter transmitting reports documenting the second, third, and fourth cryolite spills.

4. 1... Vol. 1 - DOC ID: 1167752 IMAGED
DATE: 7/5/1995 PAGES: 3
AUTHOR(S): William L. Carberry/Ecology & Environment, Inc. ADDRESSEE(S):
Chris D. Field/EPA

DESCRIPTION: Memo regarding the soil cleanup level estimation in the East Potliner area.

4. 1... Vol. 1 - 1048492 DOC ID: 1048492 IMAGED
DATE: 1/24/1996 PAGES: 34
AUTHOR(S): Unknown ADDRESSEE(S):
Unknown

DESCRIPTION: Synopsis of Removal Actions as of January 24, 1996.

4. 1... Vol. 1 - DOC ID: 1234128 IMAGED
DATE: 8/1/2003 PAGES: 21
AUTHOR(S): ADDRESSEE(S):

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CH2M Hill, Inc.

EPA

DESCRIPTION:

Memorandum No. 26: Quality Assurance Program Plan for Early Remedial Action at Company Lake, North Landfill, and South Landfill.

4. 1... Vol. 1 - DOC ID: 1234208 IMAGED
DATE: 4/26/2005 PAGES: 1
AUTHOR(S): Scott Dethloff/CH2M Hill, Inc. ADDRESSEE(S): Chip Humphrey/EPA

DESCRIPTION:

Memo transmitting FE/PWO System Piping Alignment and Site Layout drawings. (Less attachments)

Note: Drawings are appended to the document titled: Specifications for Focused Extraction/Production Well Optimization System. (DocID 1234211)

4. 1... Vol. 1 - DOC ID: 1234149 IMAGED
DATE: 9/30/2005 PAGES: 24
AUTHOR(S): Steven M. Shaw/Reynolds Metals Company
Mark Stiffler/Alcoa, Inc. ADDRESSEE(S): Mavis Kent/Oregon State Dept. of Environmental Quality

Chip Humphrey/EPA

Steven M. Shaw/Reynolds Metals Company

DESCRIPTION:

Memorandum WP No. 67: Post-Demolition Residual Risk Assessment Scoping Document.

SUB-HEAD: 4. 3... Vol. 1 - East Potliner Area Removal

4. 3... Vol. 1 - DOC ID: 1240274 IMAGED
DATE: 9/8/2003 PAGES: 25
AUTHOR(S): Tetra Tech, Inc. ADDRESSEE(S): Mavis Kent/Oregon State Dept. of Environmental Quality
Kristin Nadermann/Reynolds Metals Company

DESCRIPTION:

Transmittal letter with Spent Potliner Management Plan for RMC Troutdale Facility Demolition Project.

SUB-HEAD: 4. 7... Vol. 1 - Company Lake Removal and Early Remedial Action

4. 7... Vol. 1 - DOC ID: 1167983 IMAGED
DATE: 9/7/2001 PAGES: 23
AUTHOR(S): Anthony Barber/EPA ADDRESSEE(S): Michael F. Gearheard/EPA

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DESCRIPTION:

Action Memorandum: Request for a Removal Action at the Reynolds Metals NPL Superfund Site (Company Lake).

4. 7... Vol. 1 - DOC ID: 1150628 IMAGED
DATE: 4/25/2002 PAGES: 148

AUTHOR(S): Peter Jowise/Herrera Environmental Consultants, Inc.
ADDRESSEE(S): Michael J. Szerlog/EPA

DESCRIPTION:

Removal Action Report (Part A - Company Lake); TDD: 01-09-0005.

4. 7... Vol. 1 - DOC ID: 1240276 IMAGED
DATE: 7/14/2005 PAGES: 6

AUTHOR(S): Steven M. Shaw/Reynolds Metals Company
ADDRESSEE(S): Paul Seidel/Oregon State Dept. of Environmental Quality
Mavis Kent/Oregon State Dept. of Environmental Quality

DESCRIPTION:

Memorandum No. 36: RMC-Troutdale Company Lake: Post-Remediation Data Evaluation Relative to Sediment Benchmarks.

4. 7... Vol. 1 - DOC ID: 1234129 IMAGED
DATE: 2/1/2006 PAGES: 111

AUTHOR(S): CH2M Hill, Inc.
ADDRESSEE(S): EPA

DESCRIPTION:

Final Report for Company Lake Early Remedial Action. Appendix C to this report is on an accompanying CD ROM.

Note: CD ROM, Appendix C (2004 Waste Manifests) accompanies this report.

SUB-HEAD: 4. 8... Vol. 1 - Scrap Yard Removal

4. 8... Vol. 1 - DOC ID: 1167984 IMAGED
DATE: 9/7/2001 PAGES: 23

AUTHOR(S): Anthony Barber/EPA
ADDRESSEE(S): Michael F. Gearheard/EPA

DESCRIPTION:

Action Memorandum: Request for a Removal Action at the Reynolds Metals NPL Superfund Site (Scrap Yard).

4. 8... Vol. 1 - DOC ID: 1167985 IMAGED
DATE: 10/24/2003 PAGES: 121

AUTHOR(S): Peter Jowise/Herrera Environmental Consultants, Inc.
ADDRESSEE(S): Anthony Barber/EPA

DESCRIPTION:

Removal Action Report (Part B - Scrap Yard); TDD: 01-09-0005.

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4. 8... Vol. 1 - DOC ID: 1234125 IMAGED
DATE: 5/1/2005 PAGES: 25
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S):
EPA

DESCRIPTION: 2004 Scrap Yard Removal Action Final Report. Appendices B through G are on a separate CD ROM.

Note: A CD ROM with Appendices B through G accompanies this report.

SUB-HEAD: 4. 9... Vol. 1 - South Landfill Early Remedial Action

4. 9... Vol. 1 - DOC ID: 1234133 IMAGED
DATE: 5/1/2006 PAGES: 51
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S):
EPA

DESCRIPTION: South Landfill Remedial Action Final Report. Appendices C and D of this Report are on CD ROM.

Note: A CD ROM accompanies this report.

4. 9... Vol. 1 - DOC ID: 1234134 IMAGED
DATE: 5/1/2006 PAGES: 1
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S):
EPA

DESCRIPTION: CD ROM: Appendices C and D of the South Landfill Remedial Action Final Report.

Note: This CD ROM accompanies the South Landfill Remedial Action Final Report.

SUB-HEAD: 4. 10... Vol. 1 - Reduction Plant Removal

4. 10... Vol. 1 - DOC ID: 1234142 IMAGED
DATE: 4/1/2004 PAGES: 329
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S):
EPA

DESCRIPTION: Demolition Plan, Revision 1.

4. 10... Vol. 1 - DOC ID: 1240277 IMAGED
DATE: 4/1/2004 PAGES: 13
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S):
EPA

Reynolds Metals Company

DESCRIPTION: Response to EPA Comments on the 12/02 Draft Demolition Plan.

4. 10... Vol. 1 - DOC ID: 1234209 IMAGED
DATE: 8/25/2004 PAGES: 20
AUTHOR(S): Steven M. Shaw/Reynolds Metals Company ADDRESSEE(S):
Mavis Kent/Oregon State Dept. of Environmental
Quality

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Steven M. Shaw/Reynolds Metals Company

Chip Humphrey/EPA

DESCRIPTION:

Memorandum WP No. 62: Post-Demolition Remedial Investigation and Risk Assessment Work Plan.

4. 10... Vol. 1 - DOC ID: 1234210 IMAGED

DATE: 6/1/2005 PAGES: 166

AUTHOR(S):
Jennifer Fadden/Tetra Tech EC, Inc.

ADDRESSEE(S):
Mark A. Stiffler/Alcoa, Inc.

DESCRIPTION:

RCRA Closure Report for the RMC Troutdale Facility (Building 98, Generator Containment Building for Spent Potliner Waste)

4. 10... Vol. 1 - DOC ID: 1234144 IMAGED

DATE: 5/1/2006 PAGES: 601

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

DESCRIPTION:

Appendix to the Post-Demolition Remedial Investigation Report: Data and Removal Action Reports.

4. 10... Vol. 1 - DOC ID: 1234145 IMAGED

DATE: 6/1/2006 PAGES: 38

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

DESCRIPTION:

Post-Demolition Remedial Investigation Report.

4. 10... Vol. 1 - DOC ID: 1234146 IMAGED

DATE: 6/1/2006 PAGES: 223

AUTHOR(S):
CH2M Hill, Inc.

ADDRESSEE(S):
EPA

DESCRIPTION:

Post-Demolition Residual Risk Assessment.

SUB-HEAD: 4. 11... Vol. 1 -

Focused Extraction Wells

4. 11... Vol. 1 - DOC ID: 1234150 IMAGED

DATE: 4/14/2004 PAGES: 17

AUTHOR(S):
Steven M. Shaw/Reynolds Metals Company

ADDRESSEE(S):
Chip Humphrey/EPA

Mark Stiffler/Alcoa, Inc.

Mavis Kent/Oregon State Dept. of Environmental Quality

Chip Humphrey/EPA

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Mark Stiffler/Alcoa, Inc.

Mavis Kent/Oregon State Dept. of Environmental Quality

DESCRIPTION:

Memorandum WP No. 61: Work Plan for Focused Extraction Well Installation.

4. 11... Vol. 1 -

DATE: 1/31/2005

DOC ID: 1234151 IMAGED

PAGES: 10

AUTHOR(S):

Jason Cole/CH2M Hill, Inc.

ADDRESSEE(S):

Steven M. Shaw/Reynolds Metals Company

Glen Lindgren/CH2M Hill, Inc.

Mark Stiffler/Alcoa, Inc.

Jason Cole/CH2M Hill, Inc.

DESCRIPTION:

Memorandum GW No. 31: Basis for Design - Focused Extraction/Production Well Optimization System.

4. 11... Vol. 1 -

DATE: 4/1/2005

DOC ID: 1234211 IMAGED

PAGES: 213

AUTHOR(S):

Scott Dethloff/CH2M Hill, Inc.

ADDRESSEE(S):

Unknown

George M. Drewett/CH2M Hill, Inc.

DESCRIPTION:

Specifications for Focused Extraction/Production Well Optimization System for the RMC-Troutdale Facility.

4. 11... Vol. 1 -

DATE: 8/24/2005

DOC ID: 1240275 IMAGED

PAGES: 12

AUTHOR(S):

Mike Drewett/CH2M Hill, Inc.

ADDRESSEE(S):

Mark A. Stiffler/Alcoa, Inc.

Steven M. Shaw/Reynolds Metals Company

Kira Sykes/CH2M Hill, Inc.

Mark A. Stiffler/Alcoa, Inc.

Steven M. Shaw/Reynolds Metals Company

DESCRIPTION:

Technical Memorandum GW No. 33: Operations Plan - Focused Extraction/Production Well Optimization System for the RMC-Troutdale Facility.

4. 11... Vol. 1 -

DATE: 11/16/2005

DOC ID: 1240278 IMAGED

PAGES: 22

AUTHOR(S):

David Lacey/CH2M Hill, Inc.

ADDRESSEE(S):

Steven M. Shaw/Reynolds Metals Company

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DESCRIPTION: Technical Memorandum GW No. 34: Decommissioning of Production Wells PW18 at the RMC-Troutdale Facility.

4. 11... Vol. 1 - DOC ID: 1234152 IMAGED
DATE: 11/30/2005 PAGES: 21
AUTHOR(S): Steven M. Shaw/Reynolds Metals Company ADDRESSEE(S):
Chip Humphrey/EPA
Mark Stiffler/Alcoa, Inc.
Mavis Kent/Oregon State Dept. of Environmental
Quality
Steven M. Shaw/Reynolds Metals Company

DESCRIPTION: Memorandum WP No. 69: Focused Extraction and Production Well Optimization System Startup Performance Monitoring Plan.

4. 11... Vol. 1 - DOC ID: 1234153 IMAGED
DATE: 11/30/2005 PAGES: 8
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S):
EPA

DESCRIPTION: Technical Memorandum DM No. 69: Response to EPA Comments on Memorandum WP No. 69: Focused Extraction and Production Well Optimization System Startup Performance Monitoring Plan.

4. 11... Vol. 1 - DOC ID: 1240279 IMAGED
DATE: 6/27/2006 PAGES: 54
AUTHOR(S): Ken Trotman/CH2M Hill, Inc. ADDRESSEE(S):
Chip Humphrey/EPA
Curt Black/EPA
Scott Dethloff/CH2M Hill, Inc. Chip Humphrey/EPA
Curt Black/EPA
Kira Sykes/CH2M Hill, Inc. Chip Humphrey/EPA
Curt Black/EPA

DESCRIPTION: Technical Memorandum GW No. 35: Focused Extraction/Production Well Optimization System Startup Performance Monitoring Results and Conclusions.

SUB-HEAD: 4. 12... Vol. 1 - Groundwater Monitoring

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4. 12... Vol. 1 - DOC ID: 1234154 IMAGED
DATE: 9/13/2005 PAGES: 3
AUTHOR(S): Chip Humphrey/EPA ADDRESSEE(S): Steven M. Shaw/Reynolds Metals Company

DESCRIPTION: Letter commenting on a review of the Sitewide Groundwater Monitoring Plan (2006 Through 2010).

4. 12... Vol. 1 - DOC ID: 1234155 IMAGED
DATE: 9/14/2005 PAGES: 13
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S): EPA

DESCRIPTION: Technical Memorandum DM No. 3: Response to EPA Comments on the Sitewide Groundwater Monitoring Plan (2006 Through 2010).

4. 12... Vol. 1 - DOC ID: 1234156 IMAGED
DATE: 10/12/2005 PAGES: 38
AUTHOR(S): Mark Stiffler/Alcoa, Inc. ADDRESSEE(S): Mavis Kent/Oregon State Dept. of Environmental Quality
Chip Humphrey/EPA

Steven M. Shaw/Reynolds Metals Company

Mavis Kent/Oregon State Dept. of Environmental Quality

DESCRIPTION: Memorandum WP No. 68: Sitewide Groundwater Monitoring Plan (2006 Through 2010).

4. 12... Vol. 1 - DOC ID: 1234157 IMAGED
DATE: 12/6/2005 PAGES: 13
AUTHOR(S): Rob Healy/CH2M Hill, Inc. ADDRESSEE(S): Mark Stiffler/Alcoa, Inc.
Steven M. Shaw/Reynolds Metals Company

Chris Augustine/CH2M Hill, Inc.

Mark Stiffler/Alcoa, Inc.

Steven M. Shaw/Reynolds Metals Company

DESCRIPTION: Technical Memorandum GW No. 32: Groundwater Monitoring Well and Piezometer Decommissioning. Attachments 1, 2, 3, and 4 are contained in accompanying CD ROM.

Note: A CD ROM accompanies this Technical Memorandum.

4. 12... Vol. 1 - DOC ID: 1234137 IMAGED
DATE: 2/1/2006 PAGES: 111
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S): EPA

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DESCRIPTION: Report: 2005 Annual Groundwater Monitoring Report.

SUB-HEAD: 4. 13... Vol. 1 - Technical Impracticability Waiver Evaluation

4. 13... Vol. 1 - DOC ID: 1234136 IMAGED
DATE: 5/1/2006 PAGES: 72
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S): EPA

DESCRIPTION: Technical Impracticability Waiver Evaluation Report.

SUB-HEAD: 4. 14... Vol. 1 - North Landfill Remedial Action

4. 14... Vol. 1 - DOC ID: 1240280 IMAGED
DATE: 3/28/2005 PAGES: 4
AUTHOR(S): Steven M. Shaw/Reynolds Metals Company ADDRESSEE(S): Chip Humphrey/EPA

DESCRIPTION: North Landfill Remedial Action Final Report.

HEADING: 12. 0... ENFORCEMENT

SUB-HEAD: 12. 1... Vol. 1 - Correspondence

SUB-HEAD: 12. 4... Vol. 1 - Orders

12. 4... Vol. 1 - DOC ID: 1159951 IMAGED
DATE: 7/17/2003 PAGES: 84
AUTHOR(S): ADDRESSSEE(S):
Michael F. Gearheard/EPA Reynolds Metals Company

DESCRIPTION: Unilateral Administrative Order For Remedial Action/Remedial Design.

12. 4... Vol. 1 - DOC ID: 1240281 IMAGED
DATE: 8/5/2005 PAGES: 34
AUTHOR(S): ADDRESSSEE(S):
EPA Alcoa, Inc.
Reynolds Metals Company

DESCRIPTION: Unilateral Administrative Order for Remedial Design and Remedial Action.