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June 25, 2002

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SUB-HEAD: 19. 3. 2. . Vol. 1 - EMBANKMENT AREA ENFORCEMENT

SUB-HEAD: 19. 3. 2. 3. Vol. 1 - Final Administrative Order on Consent (AOC)

19. 3. 2. 3. Vol. 1 - 1094852 DOC ID: 1094852
DATE: 11/6/1997 PAGES: 203
AUTHOR(S):
EPA

ADDRESSEE(S):
Occidental Chemical Corp.

DESCRIPTION: Final Administrative Order on Consent for Removal Activities, Embankment and Area 5106.
(AOC) (with attachments).

SUB-HEAD: 19. 3. 3. . Vol. 1 - EMBANKMENT AREA REMOVAL ACTION

SUB-HEAD: 19. 3. 3. 1. Vol. 1 - Correspondence

19. 3. 3. 1. Vol. 1 - 1095739 DOC ID: 1095739
DATE: 11/18/1998 PAGES: 6
AUTHOR(S):
Ken Marcy/EPA

ADDRESSEE(S):
Al Meek/OCC Tacoma, Inc.

Jack P. Michels/Conestoga-Rovers and Associates

James W. Singer/Conestoga-Rovers and Associates

DESCRIPTION: Memorandum with comments regarding the Draft Embankment Area Characterization
Report.

19. 3. 3. 1. Vol. 1 - 1095740 DOC ID: 1095740
DATE: 11/18/1998 PAGES: 6
AUTHOR(S):

ADDRESSEE(S):

(OCEAR) COMMENCEMENT BAY NT - OCCIDENTAL CHEMICAL REMOVAL - EMBANKMENT AREA INDEX

Ken Marcy/EPA

AI Meek/OCC Tacoma, Inc.

Jack P. Michels/Conestoga-Rovers
and Associates

James W. Singer/Conestoga-Rovers
and Associates

DESCRIPTION: Memorandum with comments regarding the Draft Embankment Area Characterization Report with handwritten notes by Ken Marcy.

19. 3. 3. 1. Vol. 1 - 1095741 DOC ID: 1095741
DATE: 11/18/1998 PAGES: 12

AUTHOR(S):
Occidental Chemical Corp.

ADDRESSEE(S):
Ken Marcy/EPA

DESCRIPTION: Responses to USEPA comments dated 11/18/98 on the Draft Embankment Area Characterization Report, Embankment Area Removal Action, with handwritten notes by Ken Marcy.

19. 3. 3. 1. Vol. 1 - 1095742 DOC ID: 1095742
DATE: 1/12/1999 PAGES: 1

AUTHOR(S):
Ken Marcy/EPA

ADDRESSEE(S):
Jack P. Michels/Conestoga-Rovers
and Associates
James W. Singer/Conestoga-Rovers
and Associates

DESCRIPTION: Email formally approving the Draft Embankment Characterization Report received 1/7/99.

19. 3. 3. 1. Vol. 1 - 1095743 DOC ID: 1095743
DATE: 3/3/1999 PAGES: 2

AUTHOR(S):
Ken Marcy/EPA

ADDRESSEE(S):
AI Meek/OCC Tacoma, Inc.

Jack P. Michels/Conestoga-Rovers
and Associates

James W. Singer/Conestoga-Rovers
and Associates

Maury Wassmann/OCC Tacoma, Inc.

DESCRIPTION: Memorandum with USEPA comments concerning the 2/99 Draft Supplement A to the Embankment Area Characterization Report.

19. 3. 3. 1. Vol. 1 - 1095744 DOC ID: 1095744
DATE: 4/5/1999 PAGES: 4

AUTHOR(S):
Occidental Chemical Corp.

ADDRESSEE(S):
Ken Marcy/EPA

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DESCRIPTION:

Responses to USEPA comments dated 3/3/99 on the Draft Supplement A to the Embankment Area Characterization Report, Embankment Area Removal Action.

19. 3. 3. 1. Vol. 1 - 1095746 DOC ID: 1095746
DATE: 5/27/1999 PAGES: 3

AUTHOR(S):
Ken Marcy/EPA

ADDRESSEE(S):
James W. Singer/Conestoga-Rovers
and Associates

DESCRIPTION:

Email responding to the response regarding the Piezometer report. OCC Tacoma's 5/18/99 letter and Supplemental Response to USEPA comments dated 3/3/99 enclosed.

19. 3. 3. 1. Vol. 1 - 1095745 DOC ID: 1095745
DATE: 6/7/1999 PAGES: 9

AUTHOR(S):
James W. Singer/Conestoga-Rovers and
Associates

ADDRESSEE(S):
Ken Marcy/EPA

DESCRIPTION:

Fax sheet transmitting: OCC Tacoma's 4/7/99 responses to USEPA comments dated 3/3/99; copy of forwarded email from Ken Marcy to Jack Michels dated 4/16/99; OCC Tacoma's 5/18/99 supplemental response to USEPA comments dated 3/3/99.

19. 3. 3. 1. Vol. 1 - 1094881 DOC ID: 1094881
DATE: 6/16/2000 PAGES: 30

AUTHOR(S):
Robert F. Bakemeier/Bakemeier, P.C.

ADDRESSEE(S):
Lori Cora/EPA

DESCRIPTION:

Letter transmitting historical documentation of the upland property near Area 5106 (attached).

This document is included by reference only. The document is located in the CB/NT Occidental Chemical Removal - Area 5106 Administrative Record, section 19.3.4.1.

SUB-HEAD: 19. 3. 3. 5. Vol. 1 - Reports

19. 3. 3. 5. Vol. 1 - 1095733 DOC ID: 1095733
DATE: 4/11/1997 PAGES: 78

AUTHOR(S):
Carol F. Dunnigan/Conestoga-Rovers and Associates

ADDRESSEE(S):
Ken Marcy/EPA

DESCRIPTION:

Letter titled Alternative Data Presentation transmitting figures, Historic Groundwater and Seep Analyses Report, and Upland and Embankment Areas Soil, Sediment and Fill Analytical Database Report.

19. 3. 3. 5. Vol. 1 - 1095734 DOC ID: 1095734
DATE: 4/30/1998 PAGES: 746

AUTHOR(S):
Conestoga-Rovers and Associates

ADDRESSEE(S):
Occidental Chemical Corp.

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DESCRIPTION:

Interim Summary of Analytical Data, Embankment Area Removal Action.

19. 3. 3. 5. Vol. 1 - 1095735 DOC ID: 1095735

DATE: 6/30/1998 PAGES: 30

AUTHOR(S):
Jack P. Michels/Conestoga-Rovers and
Associates

ADDRESSEE(S):
Ken Marcy/EPA

DESCRIPTION:

Analytical Data Report - Milky Seeps, including MWQ Exceedances tables, Milky Seeps figure, and Appendix A - Analytical Database and Quality Assurance/Quality Control Review.

SUB-HEAD: 19. 3. 3. 5. Vol. 2 - Reports

19. 3. 3. 5. Vol. 2 - 1095736 DOC ID: 1095736

DATE: 1/15/1999 PAGES: 391

AUTHOR(S):
Conestoga-Rovers and Associates

ADDRESSEE(S):
Occidental Chemical Corp.

DESCRIPTION:

Embankment Area Characterization Report, Embankment Area Removal Action, Former OCC Tacoma Facility.

19. 3. 3. 5. Vol. 2 - 1095737 DOC ID: 1095737

DATE: 7/21/1999 PAGES: 57

AUTHOR(S):
Conestoga-Rovers and Associates

ADDRESSEE(S):
Occidental Chemical Corp.

DESCRIPTION:

Supplement A to the Embankment Area Characterization Report, Embankment Area Removal Action, Former OCC Tacoma Facility.

SUB-HEAD: 19. 3. 3. 6. Vol. 1 - Engineering Evaluation/Cost Analysis (EE/CA)

19. 3. 3. 6. Vol. 1 - 1095748 DOC ID: 1095748

DATE: 6/4/2001 PAGES: 411

AUTHOR(S):
Conestoga-Rovers and Associates

ADDRESSEE(S):
Occidental Chemical Corp.

DESCRIPTION:

Engineering Evaluation/Cost Analysis Report (EE/CA), Embankment Area Removal Action, OCC Tacoma.

SUB-HEAD: 19. 3. 3. 6. 1 Vol. 1 - EE/CA Comment Letters

19. 3. 3. 6. 1 Vol. 1 - DOC ID: 1138464

DATE: 6/19/2001 PAGES: 3

AUTHOR(S):
Leon J. Wilhelm/Washington State Dept. of Ecology

ADDRESSEE(S):
Ken Marcy/EPA

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DESCRIPTION:

Comments on the EE/CA for the Embankment Area Removal Action and proposed EPA revisions.

19. 3. 3. 6. 1 Vol. 1 - DOC ID: 1138465
DATE: 8/20/2001 PAGES: 2

AUTHOR(S):
Leslie Ann Rose/Citizens for a Healthy
Bay

ADDRESSEE(S):
Ken Marcy/EPA

DESCRIPTION:

Comments on the EE/CA for the 5106 Embankment Area Removal Action in the Hylebos Waterway, Commencement Bay.

19. 3. 3. 6. 1 Vol. 1 - DOC ID: 1138466
DATE: 9/7/2001 PAGES: 5

AUTHOR(S):
David C. Powell/NOAA

ADDRESSEE(S):
Ken Marcy/EPA

DESCRIPTION:

Comments on the EE/CA report for the Embankment Area Removal Action.

SUB-HEAD: 19. 3. 3. 7. Vol. 1 - Action Memorandum

19. 3. 3. 7. Vol. 1 - DOC ID: 1138452
DATE: 12/21/2001 PAGES: 16

AUTHOR(S):
Ken Marcy/EPA

ADDRESSEE(S):
Michael F. Gearheard/EPA

DESCRIPTION:

Memorandum regarding the Request for a Removal Action at the Embankment Area of Occidental Chemical Site in Hylebos Waterway Problem Area of the Commencement Bay Nearshore/Tideflats Superfund Site.

SUB-HEAD: 19. 3. 3. 7. 1 Vol. 1 - Responsiveness Summary

19. 3. 3. 7. 1 Vol. 1 - DOC ID: 1138453
DATE: 12/21/2001 PAGES: 14

AUTHOR(S):
Ken Marcy/EPA

ADDRESSEE(S):
Unknown

DESCRIPTION:

Responsiveness Summary for the Embankment Area Removal Action Engineering Evaluation/Cost Analysis (EE/CA) of the Occidental Chemical Site in Hylebos Waterway Problem Area of the Commencement Bay Nearshore/Tideflats Superfund Site.