

ATLANTIC WOOD INDUSTRIES SUPERFUND SITE
ADMINISTRATIVE RECORD FILE *
INDEX OF DOCUMENTS

I. SITE IDENTIFICATION

1. Report: Final Preliminary Assessment for Atlantic Wood Industries, Inc., prepared by NUS Corporation, 6/8/83. P. 100001-100027.
2. Report: Site Inspection of Atlantic Wood Industries, Inc., prepared by NUS Corporation, 3/28/86. P. 100028-100229.
3. Map, Wyckoff Sanborn, 1903. P. 100230-100231.
4. Map, Harbor Lines, Southern Branch of Elizabeth River, prepared by U.S. Engineers Office, 9/9/29. P. 100231-100234.
5. Report: Creosote Inorganic Arsenical Pentachlorophenol, Position Document No. 2/3, prepared by U.S. EPA, 1/81. P. 100235-100240.
6. Report: Draft Assessment Study Report, (no author), 8/3/82. P. 100241-100380.
7. Journal article entitled, "Effects of Contaminated Sediments and Sediment-Exposed Effluent Water on an Estuarine Fish: Acute Toxicity," Marine Environmental Research, 1984. P. 100380-100398.
8. Journal article entitled, "Effect of Toxic Chemicals on Macrophage Phagocytosis in Two Estuarine Fishes," Marine Environmental Research, 1984. P. 100398-100407.
9. Journal article entitled, "Polycyclic Aromatic Hydrocarbons in Surface Sediments from the Elizabeth River Subestuary," International Journal of Environmental Analytical Chemistry, 1986. P. 100408-100424.
10. Journal article entitled, "Functional Evaluation of Macrophages in Fish from a Polluted Estuary," Veterinary Immunology and Immunopathology, 1986. P. 100425-100432.

* Administrative Record File available 10/22/93, updated 10/17/94, 12/06/94, 1/31/95, 2/16/95, 3/23/95, 6/9/95, 8/10/95, 10/6/95, 6/19/96, 7/11/07, 9/26/07, 10/31/07, 12/20/2007, and 12/27/07.

11. Journal article entitled, "Influence of toxic chemicals on the chemotactic response of fish macrophages," Journal of Fish Biology, 1986. P. 100433-100438.
12. Memorandum to Mr. Bob Stewart, U.S. EPA, from Ms. Cate Jenkins, U.S. EPA, re: Alternate Concentration Limits for Dioxin Ground Water Contamination at Wood Preserving Sites, 5/8/86. P. 100439-100493.
13. Report: Draft Confirmation Study Data Report, Step IA Verification, First-Round Sampling, Norfolk Naval Shipyard, Portsmouth, Virginia, prepared by IT Corp., 10/86. P. 100494-100547.
14. Journal article entitled, "Preliminary Evaluation of Macrophage Pinocytosis as a Technique to Monitor Fish Health," Marine Environmental Research, 1987. P. 100548-100556.
15. Journal article entitled, "HPLC Separation Fish Biliary PAH Me," Archives of Environmental Contamination and Toxicology, 1988. P. 100557-100580.
16. Journal article entitled, "Preliminary Investigations of the Chemiluminescent Response in Normal and Pollutant-Exposed Fish," Marine Environmental Research, 1988. P. 100581-100584.
17. Flood Insurance Rate Map, City of Portsmouth Virginia, 11/2/88. P. 100585-100585.
18. General approach used by the dioxin disposal advisory group regarding pentachlorophenol waste (also PCBs), prepared by Mr. Paul des Rosiers, U.S. EPA, 11/15/88. P. 100586-100588.
19. Journal article entitled, "Polynuclear aromatic hydrocarbon residues in shellfish: species variations and apparent intraspecific differences." In: Kaiser HE (ed) Comparative aspects of tumor development. Kluwer Academic Publishers, Dordrecht, The Netherlands, 1989. P. 100589-100600.
20. Journal article entitled, "Creosote-contaminated sites: their potential for bioremediation," Environmental Science & Technology, 1989. P. 100601-100605.
21. Revised Site Summary, Norfolk Naval Shipyard, Site 9 (Acetylene Waste Lagoons), 1/25/89. P. 100606-100608.

22. Report: Findings of Fact Report, prepared by the National Oceanic and Atmospheric Administration Preliminary Natural Resource Survey, 1/11/90. P. 100609-100623.
23. Report: Elizabeth River Long-Term Monitoring Program - Phase I 1989, Analysis of Organic Pollutants in Sediments and Blue Crab Tissues, prepared by Virginia Institute of Marine Science, 4/90. P. 100624-100851.
24. Journal article entitled, "Hepatic Neoplasms in the Mummichog Fundulus heteroclitus from a Creosote-contaminated site," Cancer Research, 5/3/91. P. 100852-100860.
24. Report: Polychlorinated Biphenyl (PCB) and Organochlorinate Pesticide Contaminant Levels in Blue Crabs and Atlantic Croaker from the Lower James, Rappahannock and York Subbasins, prepared by Virginia Department of Environmental Quality (VADEQ), 1993. P. 100861-101113.
25. Packet of DMR data and TMP data, 11/18/93. P. 101114-101147. A cover letter to Ms. Ingrid Stembjorn, VADEQ, from Mr. Mark Sauer, VADEQ, is attached.
26. Report: Water Quality: Vessel Discharge, prepared by Brad Balch, Linda Cole, Harry Glenn, and Mike Host, 9/30/94. P. 101148-101159.
27. Report: The Significance of Point Source Pollutant Loads to the Elizabeth River System, prepared by Point Source Team, 10/18/94. P. 101160-101184.
28. Report: In-Situ and Ex-Situ Bioremediation of Industrial Soils Containing Pentachlorophenol and Creosote, prepared by P.G. Bucens, A.G. Seech, and I.J. Marvan, 3/8/95. P. 101185-101198.
29. Report: Defining the Problem: The Elizabeth River, A Region of Concern, Final Report - Volume 1 of 2, prepared by Applied Marine Research Laboratory, 5/24/95. P. 101199-101257.
30. Report: Defining the Problem: The Elizabeth River, A Region of Concern, Final Report - Volume 2 of 2, prepared by Applied Marine Research Laboratory, 5/24/95. P. 101258-101433.
31. Elizabeth River Restoration Executive Summary, 6/20/96. P. 101434-101452.

32. Initial Sampling Plan, Investigation of ABM and PAHs at Southgate Annex, Norfolk Naval Shipyard, 6/25/96. P. 101453-101460.
33. Letter to Mr. David Iacono, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, re: Comments on site photographs and correspondence with Norfolk Naval Shipyard, 8/21/96. P. 101461-101473. An August 1, 1943, memorandum regarding car parking lot, civilian workers, and the South End of Navy Yard, a May 28, 1965; memorandum to Norfolk Naval Shipyard from E. K. Jackson, U.S. Army Corps of Engineers, regarding waste discharge from acetylene gas generation; and a packet of Norfolk Naval Shipyard photographs, are attached.
34. Letter to Mr. David Forbes, Norfolk Naval Shipyard, from Mr. Edward Kurent, Gilbert & Kurent, re: Confirmation of phone conversation on ammunition and ordnance discovery, 5/15/97. P. 101474-101477. A May 23, 1997 memorandum to file, from Mr. Ross Worsham, Atlantic Wood Industries, regarding the discovery of nose cone projectile by electrical contractor, and a May 14, 1997 drawing of objects found, are attached.
35. Memorandum to File, from Mr. Ross Worsham, Atlantic Wood Industries, re: Discovery of nose cone projectile by electrical contractor, 5/23/97. P. 101478-101485. The following are attached:
 - a) a May 14, 1997, drawing of the objects found;
 - b) a map of site property leased by Norfolk Naval Shipyard;
 - c) photographs of projectiles;
 - d) a May 16, 1997, receipt of two bullet-like projectiles;
 - e) a May 15, 1997, letter to Mr. David Forbes, Norfolk Naval Shipyard, from Mr. Edward Kurent, Gilbert & Kurent, regarding confirmation of the discovery of several ordnance;
 - f) a May 16, 1997 incident form.
36. Map of site property leased by Norfolk Naval Shipyard, 5/27/97. P. 101486-101509. The following are attached:

- a) photographs of projectiles;
- b) a May 16, 1997, receipt of two bullet-like projectiles;
- c) a May 16, 1997 incident form;
- d) a June 4, 1997, letter to Mr. David Forbes, Norfolk Naval Shipyard, from Mr. Edward Kurent, Gilbert & Kurent, regarding investigation of additional Naval ordnance;
- e) a June 5, 1997 letter to Mr. William Klemm, Norfolk Naval Shipyard, from Mr. Thomas Voltaggio, U.S. EPA, regarding discovery of site projectiles;
- f) a June 20, 1997, letter to Mr. Thomas Voltaggio, U.S. EPA, from Mr. James Strickland, Norfolk Naval Shipyard, regarding the suspect military ordnance;
- g) a June 26, 1997, letter to Mr. David Forbes, Norfolk Naval Shipyard, from Mr. Edward Kurent, Gilbert & Kurent, regarding the issues involved with the recently discovered ordnance;
- h) Table 6-1, Ordnance Storage and Section 6.0 Activity Findings;
- i) a July 15, 1997, memorandum from D. E. Jardot, Dept. of Navy, regarding May 16, 1997 ordnance incident;
- j) a July 21, 1997, letter to Mr. Edward Kurent, Gilbert & Kurent, from Mr. David Forbes, Dept. of Navy, regarding June 26, 1997, letter to U.S. EPA;
- k) an October 29, 1997, letter to Mr. David Forbes, Norfolk Naval Shipyard, from Mr. Edward Kurent, Gilbert & Kurent, regarding July 21st letter discussing ordnance issues;
- l) a November 4, 1997, letter to Mr. Edward Kurent, Gilbert & Kurent, from Mr. David Forbes, Norfolk Naval Shipyard, regarding intent to install certain underground lines on former Navy property.

37. Site Map, approximate location of planned excavations, 5/29/97. P. 101510-101510.
38. Letter to Mr. David Forbes, Norfolk Naval Shipyard, from Mr. Edward Kurent, Gilbert & Kurent, re: July 21st letter discussing possible Navy ordnance on site property, 10/29/97. P. 101511-101511.
39. Packet of handwritten notes regarding interagency agreement, site meeting, and Chesapeake Bay study, 4/28/98. P. 101512-101512.
40. Letter to Mr. Jeff Kidwell, Dept. of Navy, from Mr. Ronnie Davis, U.S. EPA, re: Follow-up to voice message discussing pre-remedial investigation into site ordnance, 7/24/98. P. 101513-101513.
41. Letter to Mr. Ron Davis, U.S. EPA, from J.J. Kidwell, Dept. of the Navy, re: Comments on Draft Summary and Recommendations Report, Pre-Remedial Design Investigation, 9/25/98. P. 101514-101517.
42. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, re: Comments on Draft Summary and Recommendations Report, Pre-Remedial Design Investigation, 9/25/98. P. 101518-101523.
43. Letter to Mr. Ron Davis, U.S. EPA, from T. P. Riordan, Dept. of Navy, re: Comments on Scope of Work for Pre-Remedial Design Investigation, 10/1/98. P. 101524-101528.
44. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, re: Comments on Pre-Remedial Design Investigation, 10/8/98. P. 101529-101532.
45. Letter to Mr. Ross Worsham, Atlantic Wood Industries, and T. P. Riordan, Dept. of Navy, re: Transmittal of the Pre-Remedial Design Meeting Minutes, 12/18/98. P. 101523-101533.

46. Letter to Mr. Ross Worsham, Atlantic Wood Industries, from Ms. Joan Knapp, CDM Federal Programs Corp., re: Transmittal of Draft Pre-Remedial Design Investigation Work Plan, 2/23/99. P. 101534-101536. A February 23, 1999, letter to Mr Paul Kohler, VADEQ, from Ms. Joan Knapp, CDM Federal Programs Corp., regarding the transmittal of Draft Pre-Remedial Design Investigation Work Plan, and a February 23, 1999, letter to Mr. Jeff Kidwell, Naval Facilities Engineering Command, regarding the transmittal of Draft Pre-Remedial Design Investigation Work Plan, are attached.
47. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, re: Comments on Pre-Remedial Design Investigation, 3/31/99. P. 101537-101545.
48. Report: The Elizabeth River Monitoring Program 2001-2002: Association between Mummichog Liver Histopathy and Sediment Chemical Contamination, prepared by VADEQ, 11/1/03. P. 101546-101568.
49. Polynuclear Aromatic Hydrocarbons in the Elizabeth River, Virginia, Chapter 21 from Fate and Effect of Sediment-Bound Chemicals in Aquatic Systems, (undated). P. 101569-101576.
50. Report: Non-Indigenous Species, prepared by Mr. Herbert Austin, College of William and Mary, (undated). P. 101577-101590.
51. Map, Norfolk Dredging Company, Dump Area for Dredged Materials, 12/12/39. P. 101591-101591.
52. Memorandum to code 400, from code 500, re: Savannah Creosoting Property need for supply department materials storage, 10/10/47. P. 101592-101593.
53. Memorandum to Commanding Officer, Norfolk Naval Shipyard, from E.K. Jackson, U.S. Army Corps of Engineers, re: Waste discharge from acetylene gas generation, 5/28/65. P. 101594-101595.
54. Aerial site photographs, 10/4/80. P. 101596-101597.
55. Letter to Mr. Jeffrey Kidwell, Naval Facilities Engineering Command, from Mr. Ross Worsham, U.S. EPA, re: Comments on Draft Final Data Evaluation Report Sites 3 and 9, 6/6/97. P. 101598-101625.

56. Report: Phase II Environmental Assessment, prepared by Stokes Environmental Associates, Ltd., 3/12/04. P. 101626-101660.
57. Draft Minutes from March 2005 Project Management Team Meeting, prepared by CH2M Hill, 3/18/05. P. 101661-101671.
58. Packet of photographs of types of piers envisioned by Atlantic Wood Industries, prepared by Ross Worsham, Atlantic Wood Industries, 1/13/06. P. 101672-101676.
59. Report: Allied Site Comprehensive Plan Assessment, prepared by Wallace, Roberts & Todd, LLC, 7/06. P. 101677-101702.
60. Memorandum to Mr. Greyson Franklin, U.S. EPA, from Mr. Bruce Pluta, U.S. EPA, re: Draft Preliminary Assessment for Site 15- Past Pier Maintenance Operations, 7/28/06. P. 101703-101703.
61. Report: Final Preliminary Assessment and Action Determination for Site 15, prepared by CH2M Hill, 12/06. P. 101704-101724. An October 12, 2007 electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Timothy Reisch, Department of the Navy, regarding the final preliminary assessment, is attached.
62. Oil Skin Map, Wyckoff Creosoting Works, 1916. P. 101725-101726. An October 8, 2004, cover memorandum is attached.
63. Journal article, "Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Runoff," The GEI Reporter, 6/03. P. 101727-101730.
64. Historic Map, Stokes Environmental Associates, Ltd., 8/26/03. P. 101731-101731.
65. Report: Phase I Environmental Site Assessment, conducted at 3991 Elm Avenue Property, approximately 16.4 acres, Portsmouth, Virginia, prepared by Stokes Environmental Associates, Ltd., 8/26/03. P. 101732-101736. A December 27, 2005, electronic transmittal memorandum to Ms. Anna Johnson, CDM, from Ms. Lynne France, CDM, is attached.
66. Journal article, "Polycyclic Aromatic Hydrocarbons in a Highly Industrialized Urban Estuary: Inventories and Trends," Environmental Toxicology and Chemistry, 4/12/04. P. 101737-101746.

67. A Brief History of Money Point Brochure, Chesapeake, Virginia on the South Branch of the Elizabeth River, 2005. P. 101747-101754.
68. Report: Elizabeth River Fish Consumption Survey Pilot Project, prepared by URS Greiner Woodward Circle, (undated). P. 101755-101766.
69. Powerpoint presentation: Benthic community restoration potential in the Elizabeth River, field experiments with PAH contaminated sediments, prepared by Old Dominion University, (undated). P. 101767-101780.

II. REMEDIAL ENFORCEMENT PLANNING

1. Administrative Order by Consent, In The Matter Of: Atlantic Wood Industries, Inc. (a Georgia corporation), Portsmouth, Virginia, Respondent, U.S. EPA Docket No. III-87-24-DC, 7/23/87. P. 200001-200044.
2. First Amendment to the Administrative Order by Consent In The Matter Of: Atlantic Wood Industries, Inc., Superfund Site, Portsmouth, Virginia, Respondent, Docket No. III-87-24-DC, 8/5/94. P. 200045-200063.
3. Letter to Mr. Jeffrey A. Smigel, Atlantic Wood Industries, Inc., from Mr. Bruce P. Smith and Mr. Stephen R. Wassersug, U.S. EPA, re: Notification of potentially responsible party status and scope of response activities for the site, 6/30/86. P. 200064-200068.
4. Letter to Mr. James K. Strickland, Norfolk Naval Ship Yard, from Mr. David Iacono, U.S. EPA, re: General notice of potential liability for the site, 5/18/94. P. 200069-200076.
6. Letter to Mr. Anthony Conte, U.S. Department of the Interior (U.S. DOI), and Mr. Don Henne, U.S. DOI, from Mr. David Iacono, U.S. EPA, re: 122(j) Notification, 12/19/95. P. 200077-200083. A certified mail receipt to Mr. Anthony Conte, U.S. DOI, is attached.
7. Letter to Mr. Thomas Modena, VADEQ, from Mr. David Iacono, U.S. EPA, re: 122(f) Notification, 12/19/95. P. 200084-200088. A certified mail receipt to Mr. Thomas Modena, VADEQ, is attached.
8. Letter to Ms. Sharon Shutler, The National Oceanic and Atmospheric Administration (NOAA), and Mr. Peter Knight, NOAA, re: 122(j) Notification, 12/19/95. P. 200089-200093. A certified mail receipt to Ms. Sharon Shutler, NOAA, is attached.
9. Letter to Mr. Robert Lefevre, U.S. Dept of Justice, from Mr. Edward Kurent, Gilberg and Kurent, re: Atlantic Wood Industries, Inc. - Portsmouth Facility, 8/27/96. P. 200094-200096.
10. Letter to Mr. Ron Davis, U.S. EPA, from Mr. David King, Fluor Daniel GTI, re: Monthly Progress report - May 1998, 6/10/98. P. 200097-200098.

11. Letter to Mr. David Iacono, U.S. EPA, from Mr. Edward Kurent, Gilbert & Kurent, re: Good faith proposal issues, 9/10/96. P. 200099-200159. The following are attached:
- a) a July 2, 1996 letter to Ms. Gail Wilson, U.S. EPA, and Ms. Julie Kaplan, U.S. Dept. of Justice (U.S. DOJ), regarding withholding issuance of the Special Notice Letter;
 - b) a May 29, 1996 packet of sampling data;
 - c) a packet of site maps and photographs;
 - d) a packet of purchase orders;
 - e) a Review of Adequacy of RI and FS, and Appropriateness of ROD Based on Newly-Acquired Information, prepared by Fluor Daniel GTI;
 - f) a July 17, 1996, letter to Ms. Julie Kaplan, U.S. DOJ, from Mr. Edward Kurent, Gilbert & Kurent, regarding the issuance of Consent Decree;
 - g) an August 27, 1996, letter to Mr. Robert Lefevre, U.S. DOJ, from Mr. Edward Kurent, Gilbert & Kurent, regarding Special Notice Letter;
 - h) an undated memorandum to Enforcement Confidential File, Mr. Eugene Wingert, U.S. EPA, regarding the OUI Consent Decree.

III. REMEDIAL RESPONSE PLANNING

1. Report: Remedial Investigation/Feasibility Study Work Plan for the Atlantic Wood Industries, Inc. Site in Portsmouth, Virginia, prepared by Environmental Strategies Corporation, 3/1/88. P. 300001-300116.
2. Report: Supplemental Remedial Investigation Work Plan, Atlantic Wood Industries, Inc. Portsmouth Virginia Site, prepared by Keystone Environmental Resources, Inc., 9/91. P. 300117-300158.
3. Report: Remedial Investigation Report of Atlantic Wood Industries, Inc., Portsmouth, Virginia, Volume I, prepared by Keystone Environmental Resources, Inc., 3/92. P. 300159-300563.
4. Report: Ecological Risk Assessment for Atlantic Wood Industries, prepared by National Oceanic and Atmospheric Administration (NOAA) and E.V.S. Consultants, Inc., 4/92. P. 300564-300617.
5. Memorandum to Mr. Abraham Ferdas, U.S. EPA, from Mr. Vance A. Evans, U.S. EPA, re: Determination that a release at the site could present a threat to public health or the welfare of the environment, 9/9/93. P. 300618-300621.
6. Report: Public Health Assessment for Atlantic Wood Industries Inc., Portsmouth, Portsmouth County, Virginia, prepared by U.S. Department of Health and Human Services, Public Health Service, Agency for Toxic Substances and Disease Registry, 2/15/94. P. 300622-300678.
7. Memorandum to Mr. Drew Lausch, II, U.S. EPA, from Mr. Roy L. Smith, U.S. EPA, re: Certification of human health risk assessment for the site, 2/27/92. P. 300679-300679.
8. Memorandum to Mr. David Iacono, U.S. EPA, from Mr. Roy L. Smith, U.S. EPA, re: Performance of Monte Carlo analysis to determine if proposed soil clean-up levels are consistent with risk reduction goals, 1/6/95. P. 300680-300682. The analysis is attached.
9. Report: Feasibility Study Report for Atlantic Wood Industries, Inc., Portsmouth, Virginia Site, prepared by Groundwater Technology, Inc., 4/95. P. 300683-301293.

10. Letter to Mr. Jeffrey A. Smigel, Atlantic Wood Industries, Inc., from Mr. David J. Iacono, U.S. EPA, re: EPA's approval, with technical reservations, of the April 1995 Feasibility Study Report, 6/8/95. P. 301294-301300. The technical reservations of the Feasibility Study are attached.
11. Proposed Plan, Atlantic Wood Industries Inc., 6/95. P. 301301-301333.
12. Report: Remedial Investigation Report of Atlantic Wood Industries, Inc., Portsmouth, Virginia Site, Volume II, prepared by Keystone Environmental Resources, Inc., 1/92. P. 301334-301958.
13. Report: Remedial Investigation Report of Atlantic Wood Industries, Inc., Portsmouth, Virginia Site, Volume III, prepared by Keystone Environmental Resources, Inc., 1/92. P. 301959-302563.
14. Letter to Mr. Timothy A. Longe, VDEQvironmental Quality, from Mr. David Iacono, U.S. EPA, re: Request for applicable or relevant and appropriate requirements (ARARs) for the Atlantic Wood Industries, Inc. Site, 1/26/95. P. 302564-302565.
15. Letter to Mr. David Iacono, U.S. EPA, from Mr. Paul L. Spaulding, VDEQvironmental Quality, re: Notification that the Virginia ARARs were previously provided to EPA in the February 1994, Feasibility Study, 3/2/95. P. 302566-302566.
16. Letter to Mr. David Iacono, U.S. EPA, from Mr. Ross F. Worsham, Atlantic Wood, Inc., re: Request for a 30-day extension of the public comment period for the Proposed Remedial Action Plan, 6/22/95. P. 302567-302567.
17. Memorandum to Mr. David Iacono, U.S. EPA, from Mr. Roy L. Smith, U.S. EPA, re: Documentation of EPA's reasoning in determining the acceptability of post-remedial human health risks, 7/26/95. P. 302568-302582.
18. Letter to Mr. Harry S. Harbold, U.S. EPA, from Mr. Robert J. Anderson, Keystone Environmental Resources, Inc., re: Response to regulatory comments on the May 2, 1990, draft Remedial Investigation Report, 6/29/90. P. 302583-302638. The comments of the EPA, VDEQvironmental Quality, and the National Oceanic and Atmospheric Administratiion (NOAA) are attached.

19. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Mr. Drew Lausch, U.S. EPA, re: Transmittal of regulatory comments on the draft Remedial Investigation Report and disapproval of the report, 6/21/91. P. 302639-302683. The following are attached:
 - a) comments on the Remedial Investigation Report;
 - b) a list of environmental areas of concern;
 - c) the scope of additional remedial investigation work required at the site;
 - d) a set of calculations and methodology for estimating shower air concentrations and inhalation exposures at the site.
20. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Mr. Drew Lausch, U.S. EPA, re: EPA's approval of Atlantic Wood Industry, Inc.'s request for time extensions for the submittal of the revised Remedial Investigation Report and additional remedial investigation tasks, 7/23/91. P. 302684-302685.
21. Letter to Mr. Drew Lausch, U.S. EPA, from Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., re: Notification that Atlantic Wood Industry, Inc. is ceasing operations at its Portsmouth, Virginia plant, 8/2/91. P. 302686-302687.
22. Letter to Mr. Drew Lausch, U.S. EPA, from Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., re: Notification that Atlantic Wood Industry, Inc. agrees to perform additional tasks related to the remedial investigation as requested by EPA, and that the tasks will be defined in an addendum to the work plan, 8/23/91. P. 302688-302689.
23. Letter to Mr. Drew Lausch, U.S. EPA, from Ms. Diane E. McCausland, Keystone Environmental Resources, Inc., re: Transmittal of the Supplemental Remedial Investigation Work Plan, 9/20/91. P. 302690-302690.
24. Letter to Mr. Drew Lausch, U.S. EPA, from Ms. Diane E. McCausland, Keystone Environmental Resources, Inc., re: Transmittal of the draft Interim Soil Clean Up Goals Report, 10/22/91. P. 302691-302692.

25. Letter to Ms. Diane E. McCausland, Keystone Environmental Resources, Inc., from Mr. Drew Lausch, U.S. EPA, re: Discussion of preparation of the draft Feasibility Study Report, 11/8/91. P. 302693-302713. A summary of the findings from a request for technical assistance support and a copy of a journal of applied technologies for remediation are attached.
26. Letter to Mr. Ross F. Worsham, Atlantic Wood Industry, Inc., from Mr. Drew Lausch, U.S. EPA, re: Transmittal of regulatory comments concerning the revised Remedial Investigation Report, 12/12/91. P. 302714-302728. The comments and a table of ambient marine water quality criteria are attached.
27. Letter to Mr. Ross F. Worsham, Atlantic Wood Industry, Inc., from Mr. Drew Lausch, U.S. EPA, re: Comments concerning the Interim Clean Up Goals Report, 12/23/91. P. 302729-302737. A list of references is attached.
28. Letter to Mr. Drew Lausch, U.S. EPA, from Ms. Diane E. McCausland, Keystone Environmental Resources, Inc., re: Transmittal of the Remedial Investigation Report and a response to specific EPA comments in a letter, dated December 16, 1991, 1/14/92. P. 302738-302740.
29. Letter to Mr. Drew Lausch, U.S. EPA, from Ms. Diane E. McCausland, Keystone Environmental Resources, Inc., re: Transmittal of the Risk-Based Soil Clean Up Levels Study, 3/3/92. P. 302741-302761. A title page to the report is attached.
30. Letter to Mr. Ross F. Worsham, Atlantic Wood Industry, Inc., from Mr. Drew Lausch, U.S. EPA, re: Notification that some regulatory comments concerning the second and third revisions of the Remedial Investigation Report still need to be addressed, 3/12/92. P. 302762-302773. A summary of Keystone Environmental Resources, Inc.'s responses to regulatory comments and a list of regulatory comments that still need to be addressed are attached.
31. Letter to Mr. Ross F. Worsham, Atlantic Wood Industry, Inc., from Mr. Drew Lausch, U.S. EPA, re: Request for a revised schedule for submission of the Feasibility Study, 3/12/92. P. 302774-302775.
32. Letter to Mr. Drew Lausch, U.S. EPA, from Ms. Diane E. McCausland, Keystone Environmental Resources, Inc., re: Transmittal of the final Interim Soil Clean Up Goals Report, 3/13/92. P. 302776-302956. The report is attached.

33. Letter to Mr. Drew Lausch, U.S. EPA, from Ms. Diane E. McCausland, Keystone Environmental Resources, Inc., re: Transmittal of a schedule for the Feasibility Study, 3/19/92. P. 302957-302958.
34. Letter to Mr. Drew Lausch, U.S. EPA, from Ms. Diane E. McCausland, Keystone Environmental Resources, Inc., re: Transmittal of revised pages for the Remedial Investigation Report and specific responses to EPA's additional comments, 3/23/92. P. 302959-302960.
35. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Ms. Kimberly A. Hummel, U.S. EPA, re: EPA's displeasure with the progress of the Feasibility Study and the required removal action at the site, and transmittal of a set of deadlines to complete this work, 4/5/92. P. 302961-302962.
36. Letter to Mr. Ross F. Worsham, Atlantic Wood Industry, Inc., from Mr. Drew Lausch, U.S. EPA, re: Transmittal of the final Ecological Risk Assessment, 4/13/92. P. 302963-302965. The title page to the report is attached.
37. Letter to Mr. Ross F. Worsham, Atlantic Wood Industry, Inc., from Mr. Drew Lausch, U.S. EPA, re: Final approval of the Remedial Investigation Report, 4/16/92. P. 302966-302967.
38. Letter to Ms. Kimberly A. Hummel, U.S. EPA, from Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., re: Response to EPA's letter of April 5, 1992, concerning Atlantic Wood Industry, Inc.'s compliance with established time schedules, 4/16/92. P. 302968-302970.
39. Letter to Ms. Kimberly A. Hummel, U.S. EPA, from Ms. Diane E. McCausland, Keystone Environmental Resources, Inc., re: Transmittal of an outline for the Feasibility Study, 4/29/92. P. 302971-302979. The outline is attached.
40. Memorandum to Mr. Robert Davis, Biological Technical Assistance Group (BTAG), from Mr. Peter Knight, NOAA, re: Review and comments on the Feasibility Study, 6/23/92. P. 302980-302982.
41. Memorandum to Mr. Robert Davis, BTAG, from Mr. Peter Knight, NOAA, re: Additional comments concerning the Feasibility Study, 7/9/92. P. 302983-302984.

42. Letter to Ms. Kimberly Hummel, U.S. EPA, from Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., re: Transmittal of responses to regulatory comments to the Feasibility Study and a rationale for Atlantic Wood Industry, Inc.'s approach to the Feasibility Study, 11/22/93. P. 302985-302994. The comments are attached.
43. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Ms. Kimberly Hummel, U.S. EPA, re: EPA's disapproval of the Feasibility Study, 11/23/93. P. 302995-303038. The regulatory comments on the Feasibility Study and EPA Region III's risk-based concentration table are attached.
44. Letter to Mr. David J. Iacono, U.S. EPA, from Mr. D. Randolph Grubbs, Gannett Fleming, Inc., re: Transmittal of notes summarizing a December 17, 1993, meeting with representatives of Atlantic Wood Industry, Inc., EPA, and the VDEQvironmental Quality, 12/29/93. P. 303039-303043. The notes and a list of attendees to the meeting are attached.
45. Letter to Mr. David J. Iacono, U.S. EPA, from Ms. Diane E. McCausland, Chester Environmental, re: Summary of a December 17, 1993 meeting between the representatives of Atlantic Wood Industry, Inc., EPA, and the VDEQvironmental Quality, 1/3/94. P. 303044-303048.
46. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Mr. David J. Iacono, U.S. EPA, re: Notification that EPA may impose previously stipulated penalties on Atlantic Wood Industry, Inc. for the late submission of the Feasibility Study, 1/25/94. P. 303049-303049.
47. Letter to Mr. David J. Iacono, U.S. EPA, from Ms. Diane E. McCausland, Chester Environmental, re: Transmittal of a response to regulatory comments concerning the Feasibility Study Report, 2/16/94. P. 303050-303055. The responses are attached.
48. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Mr. David J. Iacono, U.S. EPA, re: EPA's disapproval of the revised Feasibility Study, 5/13/94. P. 303056-303081. The regulatory comments on the Feasibility Study are attached.

49. Letter to Mr. David J. Iacono, U.S. EPA, from Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., re: Initiation of dispute resolution procedures with regard to EPA's disapproval of the Feasibility Study and a request for the extension of the period of dispute resolution, 5/24/94. P. 303082-303082.
50. Letter to Mr. David J. Iacono, U.S. EPA, from Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., re: Transmittal of responses to regulatory comments concerning the Feasibility Study, 6/3/94. P. 303083-303112. The responses are attached.
51. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Mr. David J. Iacono, U.S. EPA, re: Notification that EPA will expand the period for the dispute resolution, 6/16/94. P. 303113-303113.
52. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Mr. David J. Iacono, U.S. EPA, re: Notification of an August 8, 1994, deadline to re-submit the Feasibility Study, conditions for the resubmission, and transmittal of the regulatory comments to Atlantic Wood Industry, Inc.'s June 3, 1994, responses, 7/8/94. P. 303114-303123. The comments are attached.
53. Letter to Mr. David J. Iacono, U.S. EPA, from Mr. David L. King and Mr. Anthony Collins, Chester Environmental, re: Response to regulatory comments of July 8, 1994, and the rationale for Chester Environmental's disagreement with the regulatory agencies concerning ecological issues, 8/24/94. P. 303124-303126.
54. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Mr. David J. Iacono, U.S. EPA, re: Transmittal of EPA's comments concerning the Feasibility Study and notification of a March 6, 1995 deadline for submission of the revised and final Feasibility Study along with guidelines for that submittal, 2/3/95. P. 303127-303135.
55. Letter to Mr. David J. Iacono, U.S. EPA, from Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., re: Notification that Atlantic Wood Industry, Inc. is initiating dispute resolution regarding EPA's February 3, 1995, disapproval of the Feasibility Study, 2/17/95. P. 303136-303136.

56. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Ms. Kathryn A. Hodgkiss, U.S. EPA, re: Transmittal of EPA's decision resolving ecological issues brought up in the dispute resolution process and notification that the deadline for submission of the Feasibility Study is extended to March 20, 1995, 3/3/95. P. 303137-303138.
57. Letter to Ms. Kathryn A. Hodgkiss, U.S. EPA, from Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., re: Atlantic Wood Industry, Inc.'s response to EPA's resolution of the disputed ecological issues, 3/9/95. P. 303139-303192. A limited review of clean-up levels from the Record of Decision (ROD) database, and a report on sediment quality and the sedimentation process are attached.
58. Letter to Mr. David J. Iacono, U.S. EPA, from Mr. David L. King, Groundwater Technology, Inc., re: Transmittal of responses to EPA's February 3, 1995, comments on the Feasibility Study, 3/17/95. P. 303193-303200. The comments are attached.
59. Letter to Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., from Ms. Kathryn A. Hodgkiss, U.S. EPA, re: Notification that EPA will extend the deadline for submission of the Feasibility Study to April 3, 1995, and EPA's rationale in developing clean-up goals, 3/29/95. P. 303201-303203.
60. Letter to Mr. David J. Iacono, U.S. EPA, from Mr. Thomas D. Modena, VDEQvironmental Quality, re: Review and comments for the Proposed Remedial Action Plan, 5/23/95. P. 303204-303207.
61. Letter to Mr. David J. Iacono, U.S. EPA, from P. A. Rakowski, Department of the Navy, re: Transmittal of comments concerning the Proposed Remedial Action Plan, 8/4/95. P. 303208-303211. The comments are attached.
62. Letter to Mr. David J. Iacono, U.S. EPA, from Mr. Jeffrey Smigel, Atlantic Wood Industries, Inc., re: Transmittal of Atlantic Wood Industry, Inc.'s comments concerning the Proposed Remedial Action Plan, 8/7/95. P. 303212-303396. The comments are attached.
63. Letter to Mr. David J. Iacono, U.S. EPA, from Mr. David L. King, Groundwater Technology, Inc., re: Transmittal of Atlantic Wood Industry, Inc.'s response to EPA's technical reservation concerning the Feasibility Study, 8/7/95. P. 303397-303418. The response is attached.

64. Record of Decision, Atlantic Wood Industries Site, 9/29/95. P. 303419-303561.
65. Memorandum to Code 400, from Code 370A, re: Acetylene gas, manufacturer of, information on, 3/22/65. P. 303562-303564.
66. Article entitled: "Metabolic Pathways Involving Arsenic in Mature Organisms: A Unifying Hypothesis," D.J.H. Phillips and M.H. Depledge, 5/22/85. P. 303565-303571.
67. Article entitled: "Carbonized Coal Products as a Source of Aromatic Hydrocarbons to Sediments from a Highly Industrialized Estuary," Elizabeth Merrill and Terry Wade, 1985. P. 303572-303577.
68. Memorandum to Mr. Jim Miller, U.S. EPA, from the Bioassessment Task Group, re: Recommendations for Inlet Study, undated. P. 303578-303580. A June 10, 1987 transmittal memorandum to Mr. Edward Kurent, Penner, Hamilton, & Sheetz, from Ms. Mary Coe, U.S. EPA, is attached.
69. Journal Article entitled, "Disposition of Polycyclic Aromatic Compounds in Blue Crabs, *Callinectes sapidus*, from the Southern Chesapeake Bay," prepared by College of William and Mary, Estuaries, Vol. 11, No. 4, 12/88. P. 303581-303589.
70. Report: Pentachlorophenol Hazards to Fish, Wildlife, and Invertebrates: A Synoptic Review, prepared by Ronald Eisler, U.S. Fish and Wildlife Service, 4/89. P. 303590-303633.
71. Article entitled: "Pathways of arsenic uptake and incorporation in estuarine phytoplankton and the filter-feeding invertebrates *Eurytemora affinis*, *Balanus improvisus* and *Crassostea virginica*," JG Sanders, R.W. Osman, G.F. Riedel, 1989. P. 303634-303640.
72. Report: Site Characterization Report, Norfolk Veneer Mills, Portsmouth, Virginia, prepared by Environmental Resources Management, Inc., 11/9/90. P. 303641-303720. Related documents are attached.
73. Letter to Mr. Thomas Voltaggio, U.S. EPA, from Mr. Jonathan Deason, U.S. DOI, re: Preliminary Natural Resources Survey, 10/4/91. P. 303721-303733. A list of references is attached.

74. Map, Groundwater Analytical Data Sites 3,4,6,7-Sanitary Landfill & Associated Sites, Norfolk Naval Shipyard, 3/18/92. P. 303734-303734.
75. Report: Guidance Document for Arsenic in Shellfish, prepared by U.S. Food and Drug Administration, 1/1/93. P. 303735-303765.
76. Article entitled: "Foundation Pilings as a Potential Conduit for DNAPL Migration," Air and Waste Management Association, 6/13/93. P. 303766-303777.
77. Letter to Mr. David Iacono, U.S. EPA, from Mr. Ross Worsham, AWI, re: Transmittal of documents regarding disposal practices, 7/7/94. P. 303778-303785. The following are attached:
- a) An undated letter to Savannah Creosoting Company, from Mr. C.W. Coryell, Norfolk Navy Yard, regarding parking space adjacent to Route 337,
 - b) An August 3, 1948, letter to the Atlantic Creosoting Company, from Mr. C.L. Strain regarding supplemental agreement to lease,
 - c) A June 30, 1948, Supplemental Agreement to lease NOY(R)-32504,
 - d) A July 23, 1951, letter to Mr. Van Liew, Norfolk Naval Shipyard, from C.H. Slingluff, Atlantic Creosoting Company, regarding lime discharge from Acetylene Plant,
 - e) An August 16, 1951, letter to Mr. C.H. Slingluff, Atlantic Creosoting Company, from Mr. R.E. Van Liew, Norfolk Naval Shipyard, regarding drainage blockage.
78. Letter to Mr. Roger Stenersen, Norfolk Veneer Mills, Inc., from Mr. J. Patrick Fly, VADEQ, re: Norfolk Veneer Mills Facility, 3971 Elm Ave., Portsmouth, Virginia, VADEQ ref. PC#91-091, 8/16/94. P. 303786-303860. A November 7, 1990 Site Characterization Report, and additional reports of subsurface petroleum contamination, are attached.
79. Report: Altered Hydrology in the Watershed - An issue discussion paper, prepared by the Altered Hydrology Team, 8/22/94. P. 303861-303880.

80. Report: Daramend Bioremediation Treatability Study of Soil from Atlantic Wood Industries, Inc., Portsmouth, Virginia, Facility, prepared by Grace Dearborn Environmental Engineering Group, 9/94. P. 303881-303932. A February 8, 1995 letter to Mr. David Iacono, U.S. EPA, from Mr. Ross Worsham, AWI, regarding transmittal of Bioremediation Treatability Study, a January 30, 1995 letter to Mr. Ross Worsham, AWI, from Mr. Paul Bucens, Grace Dearborn, regarding addendum to Bioremediation Treatability Study, and a September 14, 1994 letter to Mr. Ross Worsham, AWI, from Mr. Paul Bucens, Grace Dearborn, regarding Bioremediation Treatability Study, are attached.
81. Report: Committee Report on Loss of Habitat and Biota in the Elizabeth River, prepared by the Ray Birdsong, Mike Nickelsburg, and Walter Priest, 9/94. P. 303933-303954.
82. Report: Soil Sampling Study, prepared by Southeastern Public Service Authority of Virginia, 9/94. P. 303955-304015.
83. Report: Dredging and Dredged Material Placement, prepared by Woody Holton, Waterway Surveys & Engineering, Ltd., 10/94. P. 304016-304031.
84. Report: Sediment Quality and Sedimentation Processes, prepared by Raymond Alden and John Blandin, 10/94. P. 304032-304082.
85. Report: Groundwater Contamination in the Elizabeth River Watershed, prepared by Epsey, Huston and Associates, Inc., 11/94. P. 304083-304099.
86. Report: Human Health Risks Associated with Pollution of the Elizabeth River, prepared by Elizabeth River Project Comparative Risk Program, 11/16/94. P. 304100-304121.
87. Letter to Mr. Don Draper, U.S. EPA, from David Iacono, U.S. EPA, re: Treatability Study parameters, 4/26/95. P. 304122-304123.
88. Memorandum to Mr. David Iacono, U.S. EPA, from Mr. Don Draper, U.S. EPA, re: Daramend Bioremediation Treatability Study, 5/25/95. P. 304124-304126.
89. Record of telephone conversation to Mr. Ken Glatz, U.S. EPA, from Mr. David Iacono, re: AWI Biotreatment, 12/13/95. P. 304127-304128.

90. Letter to Mr. David Iacono, U.S. EPA, from Mr. Berry Wright, VADEQ, re: Negotiation of Consent Decree for Remedial Design and Action, 1/25/96. P. 304129-304129.
91. Letter to Mr. Jeffrey Smigel, AWI, from Mr. David Iacono, U.S. EPA, re: U.S. EPA Comments, 2/13/96. P. 304130-304153. U.S. EPA comments on the 9/91 Supplemental Remedial Investigation Work Plan, 6/88 Health and Safety Plan, and 8/88 Quality Assurance Project Plan, are attached.
92. Memorandum to Mr. David Iacono, U.S. EPA, from Mr. Ross Worsham, AWI, re: EPA finalizes Ecotox Screening levels for Sediments, Water, 3/22/96. P. 304154-304154.
93. Letter to Mr. David Iacono, U.S. EPA, from Mr. Ronald Kotun, Groundwater Technology, Inc., re: Soil cleanup levels, 4/10/96. P. 304154-304162. The following are attached:
- a) Attachment 1, Calculation of Leachate Concentration;
 - b) Attachment 2, Calculation of Dilution Factor;
 - c) Attachment 3, Chemical-Specific Parameters;
 - d) Attachment 4, Comparison of Modeled Concentrations to Attainment Objectives.
95. Letter to Mr. David Iacono, U.S. EPA, from Mr. David King, Groundwater Technology, Inc., re: Groundwater Remedial Investigation Work Plan, 4/10/96. P. 304163-304165. A Proposed Monitoring Well Locations and Rationale Table, and an April 9, 1996 Proposed Well Locations Map, are attached.
96. Record of telephone conversation to Mr. Ross Worsham, AWI, from Mr. David Iacono, U.S. EPA, re: Atlantic Wood Industries clean-up, 4/16/96. P. 304166-304166.
97. Letter to Mr. Ross Worsham, AWI, from Mr. David Iacono, U.S. EPA, re: OU2 Groundwater Remedial Investigation, 5/3/96. P. 304167-304168. EPA Comments on Proposed Well Locations of 4/10/96, is attached.
98. Letter to Mr. David Iacono, U.S. EPA, from Mr. Edward Kurent, Gilbert & Kurent, re: Petition to Reopen the Record of Decision, 6/5/96. P. 304169-304179. Related documents are attached.

99. Letter to Mr. David Iacono, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, Inc., re: Atlantic Wood Industries, Inc., Portsmouth Virginia, 6/17/96. P. 304180-304207. An undated map of Norfolk South 7.5 minute quadrangle, and undated bibliographies are attached.
100. Letter to Ms. Gail Wilson, U.S. EPA, and Ms. Julie Kaplan, Department of Justice, from Mr. Edward Kurent, Gilberg & Kurent, re: Additional U.S. Navy contamination found on site, 7/2/96. P. 304208-304210. Sampling results, prepared by Savannah Laboratories, are attached.
101. Letter to Mr. David Iacono, U.S. EPA, from Mr. Ross Worsham, AWI, re: Correspondence confirming filling of lease properties by the Navy, 7/19/96. P. 304211-304238. Related correspondence and data samples are attached.
102. Letter to Mr. David Iacono, U.S. EPA, from Mr. Edward Kurent, Gilberg & Kurent, re: Follow-up to 6/5/96 letter, 8/7/96. P. 304239-304239.
103. Letter to Mr. David Iacono, U.S. EPA, from Mr. Ross Worsham, AWI, re: Description of fill materials, 8/8/96. P. 304240-304242. A July 3, 1996 Location of Fill Samples Map is attached.
104. Letter to Mr. Ross Worsham, AWI, from Mr. David Iacono, U.S. EPA, re: Comments on Remedial Investigation, 8/9/96. P. 304243-304247. An August 9, 1996 memorandum to Mr. David Iacono, U.S. EPA, from Mr. David Kargbo, U.S. EPA, regarding soil cleanup levels, a May 10, 1996 letter to Mr. David Iacono, U.S. EPA, from Mr. Randolph Grubbs, Gannett Fleming, Inc., regarding Review Comments on Soil Cleanup Level Confirmation, and a Table 1 Comparison of Recalculated River Concentrations to Attainment Objectives, are attached.
105. Record of telephone conversation to Mr. David Iacono, U.S. EPA, from Mr. Ross Worsham, AWI, re: AWI File Review, 8/20/96. P. 304248-304248.
106. Letter to Mr. Gene Wingert, U.S. EPA, from Mr. David King, Fluor Daniel GTI, re: Site Plan Maps, 11/22/96. P. 304249-304265. A packet of maps is attached.

107. Memorandum to Mr. Peter Knight, from Mr. Mike Buchman, re: Eco Risk Assessment, 1/22/97. P. 304266-304269. A January 22, 1997 memorandum to Mr. Peter Knight, from Ms. Gayle Garman, regarding mapping approach, a January 21, 1997 memorandum to Mr. Peter Knight, from Mr. Ken Steeley, regarding PAH concentrations, and a January 22, 1997 memorandum to Ms. Alyce Fritz, from Mr. Peter Knight, regarding river sampling, are attached.
108. Letter to Mr. Gene Wingert, U.S. EPA, from Mr. Ross Worsham, AWI, re: Annual Stormwater Monitoring Outfall 002, 2/4/97. P. 304270-304326. A packet of laboratory data test results is attached.
109. Letter to Mr. Ross Worsham, AWI, from Mr. Eugene Wingert, U.S. EPA, re: Comments on Revised Remedial Investigation/Feasibility Study (RI/FS) Work Plan, 3/21/97. P. 304327-304339. A March 21, 1997 Attachment A, Comments on RI/FS Work Plan, and a March 13, 1997 letter to Mr. Gene Wingert, U.S. EPA, from Mr. Peter Knight, National Oceanic and Atmospheric Administration (NOAA), regarding comments on additional river sampling, are attached.
110. Report: Groundwater Remedial Investigation Work Plan, Atlantic Wood Industries, Inc., Portsmouth, Virginia, prepared by Atlantic Wood Industries, Inc., 5/97. P. 304340-304493.
111. Report: Draft Groundwater Remedial Investigation Work Plan, Atlantic Wood Industries, Inc., Portsmouth, Virginia, prepared by Fluor Daniel GTI, Inc., 5/97. P. 304494-304648. A May 23, 1997 transmittal memorandum to Mr. Gene Wingert, U.S. EPA, from Mr. David King, Fluor Daniel GTI, is attached.
112. Letter to Mr. Ed Yakuchev, U.S. Army Corps of Engineers, and Mr. Matthew Byrne, U.S. Army Corps of Engineers, from Mr. Ross Worsham, AWI, re: Transmittal of Bioremediation Treatability Study, 5/6/97. P. 304649-304650.
113. Packet of Navy Site Photos, 5/23/97. P. 304651-304653. A May 23, 1997 facsimile transmittal to Gene Wingert, U.S. EPA, from Mr. Ross Worsham, AWI, is attached.
114. Letter to Mr. William Klemm, Department of the Navy, from Mr. Thomas Voltaggio, U.S. EPA, re: Excavation activities, 6/4/97. P. 304654-304656.

115. Letter to Mr. Gene Wingert, U.S. EPA, from Mr. Ross Worsham, AWI, re: Transmittal of documents regarding U.S. Navy's filling, leasing, and storing materials, 6/6/97. P. 304657-304658.
116. Letter to Mr. Thomas Voltaggio, U.S. EPA, from Mr. James Strickland, Department of the Navy, re: Response to June 5, 1997 letter regarding ordnance found on property, 6/20/97. P. 304659-304662.
117. Letter to Mr. David Forbes, Norfolk Naval Shipyard, from Mr. Edward Kurent, Gilbert & Kurent, re: Response to 6/20 letter regarding ordnance found on site, 6/26/97. P. 304663-304668.
118. Letter to Mr. Edward Kurent, Gilbert & Kurent, from Mr. David Forbes, Department of the Navy, re: Response to June 26, 1997 letter regarding ordnance on property, 7/21/97. P. 304669-304671.
119. Letter to Mr. Ross Worsham, AWI, and Mr. Jeff Kidwell, Department of the Navy, from Mr. Ronnie Davis, U.S. EPA, re: Soil cleanup levels for OU1, 11/26/97. P. 304672-304673.
120. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, AWI, re: Results of annual stormwater monitoring, 2/19/98. P. 304674-304691. A January 26, 1998, Laboratory Report of Results, is attached.
121. Letter to Mr. David Forbes, Norfolk Naval Shipyard, from Mr. Edward Kurent, re: Access agreement for AWI personnel, 3/4/98. P. 304692-304693.
122. Meeting Notes: AWI Study Design Meeting, COE Norfolk District Headquarters, 4/28/98. P. 304694-304698.
123. Letter to Mr. J.J. Kidwell, Department of the Navy, from Mr. Ronnie Davis, U.S. EPA, re: Site-specific cleanup levels, 6/30/98. P. 304699-304702.
124. Article entitled: "A Morbidity Study of Former Pentachlorophenol production workers," Environmental Health Perspectives, 7/7/98. P. 304703-304714.
125. Letter to Mr. J.J. Kidwell, Department of the Navy, from Mr. Ronnie Davis, U.S. EPA, re: Corrections to June 30, 1998 letter, 8/6/98. P. 304715-304719. June 30, 1998 letter to Mr. J.J. Kidwell, Department of the Navy, from Mr. Ronnie Davis, U.S. EPA, regarding Site Specific Soil Cleanup Levels, is attached.

126. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Paul Kohler, VADEQ, re: Review of correspondences of June 24, 1998, June 30, 1998, and August 6, 1998, 8/11/98. P. 304720-304721.
127. Letter to Mr. Ron Davis, U.S. EPA, from Mr. J.J. Kidwell, Department of the Navy, re: Investigation of Ordnance storage and disposal, 9/16/98. P. 304722-304766. Related correspondence is attached.
128. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, AWI, re: Pre-Remedial Design Investigation, 10/8/98. P. 304767-304773.
129. Letter to Mr. Mark Stephens and Mr. Peter Ludzia, U.S. EPA, Mr. Ross Worsham, Mr. Jeff Smigel, and Mr. Ed Kurent, AWI, and Mr. Tim Riordan and Mr. Mark Kallenbach, Department of the Navy, from Ms. Natalie Katz and Mr. Ron Davis, U.S. EPA, re: Procedures to Ensure More Effective Communications, 11/12/98. P. 304774-304774.
130. Letter to Ms. Barbara Okorn, U.S. EPA, from Mr. Peter Knight, NOAA, re: Comments on September 22, 1998 Scope of Work, 11/23/98. P. 304775-304776.
131. Letter to Mr. Ross Worsham, AWI, and Mr. T.P. Riordan, Department of the Navy, from Mr. Ronnie Davis, U.S. EPA, re: Revised Alternative Soil Cleanup Levels, 12/1/98. P. 304777-304779.
132. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Jeffrey Smigel, AWI, re: Declining additional work request, 12/2/98. P. 304780-304781.
133. Letter to Mr. Ron Davis, U.S. EPA, and Mr. Mark Stephens, U.S. EPA, from Mr. J.F. Harris, Department of the Navy, re: Agreement on authority issues, 12/14/98. P. 304782-304784.
134. Powerpoint presentation: "The Elizabeth River Monitoring Program, Mummichog Liver Pathology: A Bioindicator of Environmental Quality," prepared by W.K. Vogelbein & M. Unger, 1998 & 2001. P. 304785-304789.
135. Letter to Mr. Jeffrey Smigel, AWI, from Mr. Ronnie Davis, U.S. EPA, re: EPA will perform Remedial Investigation (RI) on site, 2/12/99. P. 304790-304790.

136. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Paul Kohler, VADEQ, re: Draft work plan, Pre-Remedial Design Investigation, 3/29/99. P. 304791-304793.
137. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, AWI, re: Comments on Pre-Remedial Design Investigation, 3/31/99. P. 304794-304802.
138. Letter to Mr. W. Michael McCabe, U.S. EPA, from Mr. David Bryce, Atlantic Wood Industries, Inc., re: Atlantic Wood Industries, Inc., Portsmouth VA NPL Site, EPA's proposed expenditure of \$3 Million for a Pre-Remedial Design Investigation, 7/2/99. P. 304803-304812. A March 31, 1999 letter to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, Inc., re: Pre-Remedial Design Investigation (PRDI), is attached.
139. Letter to Mr. Edward Yakuchev, USACE, from Ms. Joan Knapp, CDM, re: Pre-Remedial Design Investigation, 9/27/99. P. 304813-304847. Document Inventory Tables, and Abstracts attached.
140. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Paul Kohler, VADEQ, re: Draft work plan, Pre-Remedial Design Investigation, 11/12/99. P. 304848-304849.
141. Table 1, Assessment Endpoints and the Associated Testable Hypotheses and Measurement Endpoints, 12/99. P. 304850-304857. A December 1999, site map is attached.
142. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Paul Kohler, VADEQ, re: Response to comments on Final Work Plan, 2/10/00. P. 304858-304858.
143. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, Inc., re: Atlantic Wood Industries, Inc., 2/15/00. P. 304859-304859.
144. Letter to Mr. Ron Davis, U.S. EPA, from Ms. Joan Knapp, CDM, re: Field kickoff meeting with Navy and AWI, 2/17/00. P. 304860-304868. A February 2, 2000 and February 3, 2000, meeting minutes are attached.
145. Letter to Mr. Ron Davis, U.S. EPA, from Mr. T.P. Riorden, Department of the Navy, re: Draft Final work plan addendum for the Investigation at U.S. Navy properties adjacent to Atlantic Wood Industries, Inc., 3/1/00. P. 304869-304871.

146. Memorandum to Mr. Ed Yakuchev, USACE, and Ron Davis, U.S. EPA, from Ms. Joan Knapp, CDM Federal Programs Corp., re: Evaluation of Proposed Atlantic Wood Industries concrete pad location, 3/3/00. P. 304872-304881.
147. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Paul Kohler, VADEQ, re: Draft Final Work Plan addendum, Pre-Remedial Design Investigation at U.S. Navy properties adjacent to Atlantic Wood Industries Inc., 3/6/00. P. 304882-304883.
148. Electronic memorandum to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, Inc., re: Management of used treated wood products, 3/7/00. P. 304884-304913. An undated article entitled, "Management of Used Treated Wood Products," prepared by American Wood Preservers Institute, a September 25, 1998 letter to Mr. Ed Monroe, Southeastern Public Service Authority of Virginia, regarding application for the disposal of non-hazardous industrial waste, a June 4, 1998 Application for Disposal of Special Waste with a cover letter to Mr. Daniel Miles, Southeastern Public Service Authority, from Mr. Ross Worsham, Atlantic Wood Industries, Inc., are attached.
148. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, Inc., re: Annual Stormwater Monitoring - Outfall 002, 5/1/00. P. 304914-304935. Report of results is attached.
149. Report: Final Report, Ecological Risk Assessment, Atlantic Wood Industries, Portsmouth, Virginia, prepared by Lockheed Martin REAC, 6/26/02. P. 304936-306575.
150. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Ross Worsham, AWI, re: Results of Annual Stormwater Monitoring, Outfall 002, 9/5/00. P. 306576-306596. An August 14, 2000 Report of Results is attached.
151. Article entitled: "Site-Specific Design for Dual Phase Recovery and Stabilization of Pooled DNAPL," Jason Gerhand, Bernard Kueper, Gary Hecox, and Eric Schwarz, Spring 2001. P. 306597-306614.
152. Aerial photograph, Wykcoff Sampling, 2002. P. 306615-306615.

153. Letter to Mr. James Wright, City of Portsmouth, from Mr. Ron Davis, U.S. EPA, re: Plans to upgrade drainage at the intersection of Burton Point Road and Elm Avenue, 7/11/02. P. 306616-306623. A bid package to upgrade the drainage at the intersection, and a June 20, 2002 facsimile transmittal memorandum to Mr. Ron Davis, U.S. EPA, from Mr. James Wright, City of Portsmouth, re: Elm and Burtons point, are attached.
154. Letter to Mr. Devlin Harris, VADEQ, from Ms. Lynne France, CDM Corporation, re: Draft Site Management Plan, 8/29/02. P. 306624-306624.
155. Newspaper article entitled, "U.S. Plans to Reroute River Around Toxic Muck," Milwaukee Journal Sentinel, 9/23/02. P. 306625-306627.
156. Article entitled, "Reductive Dehalogenation of Chlorinated Dioxins by an Anaerobic Bacterium," Nature, 11/02. P. 306628-306631.
157. Letter to Ms. Jolie Harrison, U.S. Fish and Wildlife Service, from Mr. Andrew Hopton, CDM Corporation, re: Request for Federal-listed Endangered and Threatened Species Information, 11/11/02. P. 306632-306634.
158. Letter to Ms. Rene Hypes, Virginia Dept. of Conservation and Recreation, from Mr. Andrew Hopton, CDM Corporation, re: Request for Federal-listed Endangered and Threatened Species Information, 11/11/02. P. 306635-306639. A Division of Natural Heritage Information Services Order Form, a photograph 3 of East Storm Water Drainage Ditch, and a Figure 1 Site Area Map, are attached.
159. Letter to Ms. Amy Martin, Virginia Dept. of Game and Inland Fisheries, from Mr. Andrew Hopton, CDM Corporation, re: Request for Federal-listed Endangered and Threatened Species Information, 11/11/02. P. 306640-306642. A Figure 1 Site Area Map is attached.
160. Letter to Mr. John Kwedar, U.S. EPA, from Ms. Kristin Sloane, CDM Corporation, re: Chain of Custody corrections, 11/26/02. P. 306643-306643.
161. Letter to Mr. John Kwedar, U.S. EPA, from Mr. Robert Hunt, CDM Corporation, re: Inorganic Traffic Report/Chain of Custody Record corrections, 11/26/02. P. 306644-306645.

162. U.S. EPA Contract Laboratory Program Generic Chain of Custody Record, subsurface soil samples, 12/2/02. P. 306646-306646.
163. Report: Inorganic Arsenic Levels in Puget Sound Fish and Shellfish from 303(d) Listed Waterbodies and Other Areas, prepared by Washington State Department of Ecology, 12/02. P. 3066647-306669.
164. Letter to Mr. John Kwedar, U.S. EPA, from Ms. Kristin Sloane, CDM Corporation, re: Chain of Custody corrections, 12/31/02. P. 306670-306670.
165. Report: Maryland Sea Grant College Summary Progress Report, 1/1/02-12/31/02. P. 306671-306683.
166. Letter to Mr. John Kwedar, U.S. EPA, from Ms. Lynne France, CDM Corporation, re: Sample shipment discrepancy, 1/2/03. P. 306684-306687. Handwritten notes are attached.
167. Letter to Ms. Lisa Penix, Lockheed Martin Environmental Services, from Ms. Laura Broh, CDM Federal Programs Corp., re: Corrections to inorganic traffic report/chain of custody records and sample tags, 1/27/03. P. 306688-306690.
168. Letter to Ms. Lisa Penix, Lockheed Martin Environmental Services, from Ms. Laura Broh, CDM Federal Programs, re: Corrections to the inorganic traffic report/chain of custody record, 1/29/03. P. 306691-306692.
169. Letter to Ms. Lisa Penix, Lockheed Martin Environmental Services, from Ms. Laura Broh, CDM Federal Programs, re: Corrections to the inorganic traffic report/chain of custody records, sample labels, and sample tags, 1/31/03. P. 306693-306694.
170. Letter to Ms. Lisa Penix, Lockheed Martin Environmental Services, from Ms. Laura Broh, CDM Federal Programs, re: Corrections to the organic traffic report/chain of custody records, 1/31/03. P. 306695-306696.
171. Letter to Ms. Lisa Penix, Lockheed Martin Environmental Services, from Ms. Laura Broh, CDM Federal Programs, re: Corrections to the organic traffic report/chain of custody records, sample labels, and sample tags, 2/6/03. P. 306697-306699.

172. Letter to Ms. Judy Snyder, Lockheed Martin Environmental Services, from Ms. Laura Broh, CDM Federal Programs, re: Corrections to the organic traffic report/chain of custody records and sample tags, 2/6/03. P. 306700-306701.
173. Letter to Ms. Lisa Penix, Lockheed Martin Environmental Services, from Ms. Laura Broh, CDM Federal Programs, re: Corrections to the organic traffic report/chain of custody records, 2/20/03. P. 306701-306703.
174. Letter to Ms. Lisa Penix, Lockheed Martin Environmental Services, from Ms. Laura Broh, CDM Federal Programs, re: Corrections to the organic traffic report/chain of custody records for document no. 3232-035-CO-OTIN-01700, 2/20/03. P. 306704-306705.
175. Report: Technical Memorandum, Constant Rate Aquifer Test Plan for the Atlantic Wood Industries, Inc. Superfund Site in Portsmouth, Virginia, prepared by CDM Federal Programs Corp., 4/1/03. P. 306706-306731. A cover memorandum to Mr. Ron Davis, U.S. EPA, from Ms. Lynne France, CDM Federal Programs Corp., is attached.
176. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Devlin Harris, VADEQ, re: Technical Memorandum, Constant Rate Aquifer Test Plan, 4/17/03. P. 306731-306733.
177. Report: Estimation of Onsite and Offsite Annual Average Ambient Air Concentrations Due to Soil Contamination of the Atlantic Wood Industries Superfund Site Current and Future Conditions Scenarios, prepared by U.S. EPA, 4/23/03. P. 306734-306743. A cover memorandum to Mr. Ron Davis, U.S. EPA, from Ms. Patricia Flores-Brown, U.S. EPA, is attached.
178. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Devlin Harris, VADEQ, re: Comments on Draft Focused Feasibility Study OU1 Soil and DNAPL Adjacent to the river, 5/1/03. P. 306743-306745.
179. Letter to Mr. Ron Davis, U.S. EPA, from Ms. Devlin Harris, VADEQ, re: Draft Human Health Risk Assessment Operable Unit 1, 7/17/03. P. 306746-306748.
180. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Devlin Harris, VADEQ, re: Draft Screening Level ERA for OU1, 9/3/03. P. 306749-306750.

181. Letter to Mr. Ronnie Davis, U.S. EPA, from Mr. Thomas Modena, Letter to Mr. Ron Davis, U.S. EPA, from Mr. Devlin Harris, VADEQ, re: Comments on OU2 Site Management Plan - Phase 2 Addendum, 11/14/03. P. 306751-306751.
182. Letter to Ms. Anhthu Ngyen, VADEQ, from Ms. Lynne France, CDM Federal Programs Corp., re: Notice of Intent to Discharge Treated Groundwater, 12/3/03. P. 306752-305763. The following are attached:
- a) Property Location Map;
 - b) Site Features Map;
 - c) a packet of data summary forms;
 - d) a December 2, 2003, electronic memorandum to Mr. Aaron Frantz, U.S. EPA, Mr. Ron Davis, U.S. EPA, Ms. Anhthu Ngyen, VADEQ, regarding phase two water discharge testing.
183. Report: Final Human Health Risk Assessment Operable Unit 1, prepared by CDM, 3/16/04. P. 305764-307630. A December 6, 2006 electronic memorandum to Mr. Daniel Gilroy, CDM, from Mr. Randy Sturgeon, U.S. EPA, regarding the Human Health Risk Assessment and a March 16, 2004 cover letter to Mr. Ron Davis, U.S. EPA, from Mr. Daniel Gilroy, CDM, is attached.
184. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Chris Koerner, CDM Federal Programs Corp., re: Interaction between ground and surface water, 3/24/04. P. 307631-307656. A March/April 2004 article entitled, "Delineating and Quantifying Ground Water Discharge Zones Using Streambed Temperatures" and a January/February 2004 article entitled, "Use of an Electromagnetic Seepage Meter to Investigate Temporal Variability in Lake Seepage," are attached.
185. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Eric Newman, U.S. EPA, re: S/S as a cap for ship blast cleaning wastes, 7/6/04. P. 307657-307657.
186. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, Mr. Joe Rieger, Elizabeth River, et. al, from Mr. Simeon Hahn, NOAA, re: SBRP Research Brief 116, 8/4/04. P. 307658-307661.

187. Electronic memorandum to Ms. Pam Boatwright, Elizabeth River Project, et. al from Mr. Joe Rieger, Elizabeth River Project, re: Remediation partnership meeting, 8/16/04. P. 307662-307664.
188. Report: Final Screening Level Ecological Risk Assessment, Operable Unit 1, Atlantic Wood Industries Superfund Site, Portsmouth, Virginia, prepared by CDM Federal Programs Corp., 9/30/04. P. 307665-307826.
189. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: ERPSRP minutes and next meeting, 10/4/04. P. 307827-307830. An August 25, 2004, Elizabeth River Project Sediment Remediation Partnership meeting notes is attached.
190. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Superfund Sites on the Elizabeth River, 10/4/04. P. 307831-307836.
191. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Next version for web and WAP, 10/4/04. P. 307837-307840. An undated draft article entitled, "Superfund Sites on the Elizabeth River," is attached.
192. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Updated aerial photo list, 10/4/04. P. 307841-307843.
193. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Simeon Hahn, NOAA, re: AWI Vicinity PAH Map, 12/7/04. P. 307844-307847. An AWI Vicinity PAH Map is attached.
194. Packet of site vicinity PAH maps, 12/7/04. P. 307848-307851. A electronic transmittal memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Simeon Hahn, NOAA, is attached.
195. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Transmittal of EPA Triad Approach-Systematic Planning Document, 12/8/04. P. 307852-307862.
196. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Site reconnaissance, 12/17/04. P. 307863-307867. Related documents are attached.

197. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: AWI Site Recon- Pier conditions, 12/17/04. P. 307868-307868.
198. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Eric Newman, U.S. EPA, re: Comments on Draft Treatability Study Report, 1/31/05. P. 307869-307871. A January 28, 2005, memorandum to Mr. Eric Newman, U.S. EPA, from Mr. Edward Bates, U.S. EPA, regarding comments on Draft Stabilization Treatability Study Report, is attached.
199. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Simeon Hahn, NOAA, re: Revised AWI scope and figure, 3/16/05. P. 307872-307872.
200. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: TBT Detection limit, 3/28/05. P. 307873-307873.
201. Report: Chesapeake Bay Angler Interviews - Identifying Populations at Risk for Consuming Fish in Three Regions of Concern, prepared by Chesapeake Bay Program, 3/29/05. P. 307874-307895.
202. Electronic transmittal memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: River information, 4/25/05. P. 307896-307904. An excerpt from Final Phase II Remedial Investigation Report for OU2, Norfolk Naval Shipyard, and an excerpt from A User's Guide for Determining the Sources of Contaminants in Sediments, are attached.
203. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood, Inc., re: Warehouse potential in Tidewater, 5/2/05. P. 307905-307906.
204. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: OU3 Sample Management Plan for Near-Shore Sediment Investigation, 5/3/05. P. 307907-307907.
205. Electronic memorandum to Mr. Randy Sturgeon, Mr. Jeffrey Tuttle, U.S. EPA, et al., from Mr. Lynne France, CDM, re: Recreation/fishing on Elizabeth River, 6/14/05. P. 307908-307908.
206. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Test Kit variance, 6/17/05. P. 307909-307909.

207. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Atlantic Wood Industries, 6/20/05. P. 307910-307915. An October 8, 2004 Preliminary Identification - Commonwealth of Virginia Applicable or Relevant and Appropriate Requirements (ARARs), is attached.
208. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: OU3 update, 6/22/05. P. 307916-307918.
209. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Immunoassay results, 6/24/05. P. 307919-307922.
210. Electronic memorandum to Mr. Randy Sturgeon and Mr. Bruce Rundell, U.S. EPA, from Ms. Lynne France, CDM, re: Immunoassay field results, 6/24/05. P. 307923-207924.
211. Electronic memorandum to Mr. Randy Sturgeon, and Mr. Bruce Rundell, U.S. EPA, from Ms. Lynne France, CDM, re: Recommended vibracore locations, 6/26/05. P. 307925-307925.
212. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: 6/28/05 Sampling update, 6/28/05. P. 307926-307930. A packet of immunoassay field results is attached.
213. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: 6/29/05 Sampling update, 6/29/05. P. 307931-307935. A packet of immunoassay field results is attached.
214. Electronic memorandum to Mr. Ross Worsham, AWI, from Mr. Eric Newman, U.S. EPA, re: Approval of Stabilization Treatability Study Report, 6/29/05. P. 307936-307937.
215. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: 6/30/05 Sampling update, 6/30/05. P. 307938-307942. A packet of immunoassay field results is attached.
216. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: 7/1/05 sampling update, 7/1/05. P. 307943-307948. A packet of immunoassay field results is attached.

- 217. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, Mr. Bruce Rundell, U.S. EPA, and Mr. Chris Koerner, from Ms. Lynne France, CDM, re: AWI recommendations, 7/4/05. P. 307949-307950.
- 218. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: AWI OU3 Selected Locations, 7/6/05. P. 307951-307951.
- 219. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: TBT sample locations, 7/6/05. P. 307952-307952.
- 220. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: 7/6/05 Sampling update, 7/6/05. P. 307953-307958. A packet of immunoassay field results is attached.
- 221. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: 7/7/05 Sampling update, 7/7/05. P. 307959-307965. A packet of immunoassay field results is attached.
- 222. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Elizabeth River Fish information, 7/7/05. P. 307966-307972. A fact sheet entitled "Atlantic Wood Questions and Answers," is attached.
- 223. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Final email logs from Near-shore sediment investigation, 7/8/05. P. 307973-307979. A packet of immunoassay field results is attached.
- 225. Letter to Ms. Ruth Donovan, U.S. EPA, from Mr. Robert Hunt, CDM Federal Programs Corp., re: Acknowledgment and correction of errors on chain of custody form, 7/11/05. P. 307980-307980.
- 226. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Wycoff, 7/15/05. P. 307981-307981.
- 227. Letter to Mr. Dwayne Hall, Lockheed Martin Environmental Services, from Mr. Robert Hunt, CDM Federal Programs Corp., re: Acknowledgment and correction of errors on chain of custody form, 7/26/05. P. 307982-307982.

228. Data Table, Information for 12/5/05 ERPSRP Update, Estimated Volumes and Costs for Remedial Alternative Components, 12/5/05. P. 307983-307988.
229. Powerpoint presentation, "Atlantic Wood Industries, Superfund Site Status Update," 12/6/05. P. 307989-307998.
230. Packet of Windows Live Local aerial photos, Barge Loading Docks, 1/13/06. P. 307999-308003.
231. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Daniel Gilroy, re: AWI - OUI Human Health Risk Assessment - Final - 3/16/04 - CDM, 1/26/06. P. 308004-308006.
232. Report: Concentrations of Polycyclic Aromatic Hydrocarbons (PAHs) in Sediment Samples from the former Wyckoff Creosote and Pipe and Republic Creosote, Southern Branch of the Elizabeth River, prepared by The Elizabeth River Project, The College of William and Mary, and VADEQ, 2/06. P. 308007-308025.
233. Letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Far Field Scoping Notes, 3/13/06. P. 308026-308325.
234. Powerpoint Presentation, "Atlantic Wood Industries Superfund Site Status Update," 3/23/06. P. 308326-308348.
235. Report: Final Environmental Impact Statement, Craney Island Expansion, Norfolk Harbor and Channels, Virginia, prepared by U.S. Army Corps of Engineers (USACE), 4/06. P. 308349-308724.
236. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Josef Rieger, The Elizabeth River Project, re: Comments on the Findings of the Far Field Scoping Research (February and March, 2006), 4/20/06. P. 308725-308730.
237. Article entitled, "Accumulation of organic and inorganic contaminants in shellfish collected in estuarine waters near Pensacola, Florida: Contamination profiles and risks to human consumers," Environmental Pollution 145, 4/21/06. P. 308731-308745.
238. Order for Supplies and Services Documentation, 4/28/06. P. 308746-308787.

239. Electronic Memorandum to Ms. Lynne France, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: AWI Crab QUAPP, 5/1/06. P. 308788-308788.
240. Response Action Contract for Remedial Planning and Oversight Activities in EPA Region III, Final Site Management Plan, OU3 Crab Sampling Event, Atlantic Wood Industries Site, Portsmouth Virginia, prepared by CDM, 5/2/06. P. 308789-308791.
241. Letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM Federal Programs Corp., 5/9/06. P. 308792-308976. A May 9, 2006 Final Site Management Plan for OU3 Oyster and Sediment Sampling Event, Atlantic Wood Industries Superfund Site, Portsmouth, Virginia, prepared by CDM Federal Programs Corp., is attached.
242. Order for Supplies and Services Documentation, 5/26/06. P. 308977-309018.
243. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Matthew Mellon, U.S. EPA, re: Creosote skin burns, 6/27/06. P. 309019-309019.
244. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Greyson Franklin, U.S. EPA, re: NNSY South Annex and Atlantic Wood site, 7/10/06. P. 309020-309021. Related correspondence is attached.
245. Report: Focused Feasibility Study- Alternative Summary, OU1 Soil and DNAPL, prepared by CDM, 8/06. P. 309022-309056.
246. Facsimile transmittal to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Handwritten diagrams, 8/1/06. P. 309057-309064.
247. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, Inc., re: Atlantic Wood Industries, Inc., Portsmouth, VA, 8/18/06. P. 309065-309066.
248. Report: Focused Feasibility Study- Alternative Summary, OU2 Groundwater, 9/06. P. 309067-309086.
249. Letter to Mr. Stephen Johnson, U.S. EPA, from Mr. Jim Jeffords, and John Warner, U.S. Senate, re: Results of recent collaborative studies conducted by The City of Austin, Texas and the USGS regarding USGS studies, 9/6/06. P. 309087-309101. Related documents are attached.

252. Report: Final Feasibility Study for OU2 Groundwater, Atlantic Wood Industries, Inc., Portsmouth, Virginia, prepared by CDM Federal Programs Corp., 9/13/06. P. 309102-309522. A September 13, 2006 cover letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, is attached.
253. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Atlantic Wood documents, 9/15/06. P. 309523-309523.
254. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Anna Johnson, CDM, re: AWI harbor line, 9/20/06. P. 309524-309524.
255. Electronic Memorandum to Mr. Joe Rieger, Elizabeth River Project, from Mr. Randy Sturgeon, U.S. EPA, re: AWI Charrette at next sediment meeting, 9/21/06. P. 309525-309525.
256. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, AWI, re: Metrocast Batch Plant, 9/25/06. P. 309526-309526.
257. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Timothy Reisch, U.S. Navy, re: Atlantic Wood documents, 9/27/06. P. 309527-309527.
258. Report: Feasibility Study- Alternative Summary, OU3 River Sediment, Atlantic Wood Industries, Inc., prepared by CDM, Inc., 10/06. P. 309528-309551.
259. Electronic memorandum to Mr. Mike Buchman, NOAA, Ron Davis, U.S. EPA, et. al, from Mr. Joe Rieger, Elizabeth River Project, re: Next ERPSRP meeting for Atlantic Wood Cleanup November 15, 10/4/06. P. 309552-309553.
260. Electronic memorandum to Elizabeth River Project Sediment Remediation Partnership, from Mr. Joe Rieger, Elizabeth River Project, re: 11/15/06 ERPSRP meeting, 10/4/06. P. 309554-309555.
261. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: PCBs in York R. Crabs, 10/5/06. P. 309556-309556.
262. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, AWI, re: Batch Plant question, 10/6/06. P. 309557-309558.

- 263. Electronic Memorandum to Mr. Ross Worsham, Atlantic Wood, Inc., from Mr. Randy Sturgeon, U.S. EPA, re: Batch plant question, 10/6/06. P. 309559-309559.
- 264. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood, Inc., re: Portsmouth development north of AWI site, 10/9/06. P. 309560-309565.
- 265. Electronic memorandum to Mr. David Mergen, City of Chesapeake, and Mr. Randy Sturgeon, U.S. EPA, from Mr. Eric Martin, City of Chesapeake, re: Money point task force, 10/9/06. P. 309566-309566.
- 266. Electronic memorandum to Mr. Harry Bennett and Teri Young, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Next ERPSRP meeting for Atlantic Wood Cleanup November 15, 10/17/06. P. 309567-309572. A November 15 Draft meeting agenda is attached.
- 267. Electronic memorandum to Mr. Harry Bennett, Virginia Department of Health, and Ms. Teri Young, Virginia Department of Health, from Mr. Randy Sturgeon, U.S. EPA, re: 11/15/06 ERPSRP meeting, 10/17/06. P. 309573-309578. A draft meeting agenda is attached.
- 268. Electronic memorandum to Elizabeth River Stakeholders, from Mr. Randy Sturgeon, U.S. EPA, re: 11/15/06 ERPSRP meeting, 10/17/06. P. 309579-309583. A draft meeting agenda is attached.
- 269. Electronic memorandum to Mr. Timothy Reisch, Department of the Navy, from Mr. Randy Sturgeon, U.S. EPA, re: 11/15/06 ERPSRP meeting, 10/17/06. P. 309584-309589. A draft meeting agenda is attached.
- 270. Electronic memorandum to Mr. Timothy Reisch, Department of the Navy, from Mr. Randy Sturgeon, U.S. EPA, re: Next ERPSRP meeting for Atlantic Wood Cleanup November 15, 10/17/06. P. 309590-309595. A November 15 Draft meeting agenda is attached.
- 271. Electronic memorandum to Mr. Bruce Pluta and Jeffrey Tuttle, U.S. EPA, et. al, from Mr. Randy Sturgeon, U.S. EPA, re: Next Elizabeth River Project Sediment Remediation Partnership (ERPSRP) Meeting , 10/17/06. P. 309596-309600. A November 15 Draft Meeting Agenda is attached.

272. Electronic memorandum to Nita Mensia-Joseph, from Mr. Randy Sturgeon, U.S. EPA, re: Next ERPSRP meeting for Atlantic Wood Cleanup November 15, 10/19/06. P. 309601-309606. A November 15 Draft meeting agenda is attached.
273. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, AWI, re: Batch Plant question, 10/19/06. P. 309607-309608.
274. Report: Final Feasibility Study for OU3 River Sediment, Atlantic Wood Industries, Inc., Portsmouth, Virginia, prepared by CDM Federal Programs Corp., 10/23/06. P. 309609-309907. An October 23, 2006 cover letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, is attached.
275. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Comments on site area OU2, 10/25/06. P. 309908-309909.
276. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Review of Focused Feasibility Study, Alternative Summary OU1 Soil and DNAPL, 10/25/06. P. 309910-309911.
277. Electronic memorandum to Ms. Lynne France, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: AWI OU3 FS distribution, 10/27/06. P. 309912-309913.
278. Electronic memorandum to Mr. Ross Worsham, AWI, from Mr. Randy Sturgeon, U.S. EPA, re: Proposed Batch Plant, 11/1/06. P. 309914-309916. A November 1, 2006 letter to Mr. Ross Worsham, AWI, from Mr. Randy Sturgeon, U.S. EPA, regarding concrete batch plant, is attached.
279. Electronic memorandum to Mr. Peter Knight, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Next ERPSRP meeting for Atlantic Wood Cleanup November 15, 11/2/06. P. 309917-309922. A November 15 Draft meeting agenda is attached.
280. Electronic memorandum to Ms. Traycie West, from Mr. Joe Rieger, Elizabeth River Project, re: 11/15/06 ERPSRP meeting, 11/2/06. P. 309923-309925. A draft meeting agenda is attached.

281. Electronic memorandum to Mr. Joe Rieger, Elizabeth River Project, from Ms. Traycie West, VA Marine Resources Commission, re: Next ERPSRP meeting for the Atlantic Wood Cleanup Nov. 15, 11/02/06. P. 309926-309929.
282. Electronic memorandum to Mr. Joe Rieger, Elizabeth River Project, from Mr. Randy Sturgeon, U.S. EPA, re: Next ERPSRP meeting for the Atlantic Wood Cleanup Nov. 15, 11/2/06. P. 309930-309934. Related correspondence is attached.
283. Electronic memorandum to Ms. Demetria Lindsay, from Mr. Joe Rieger, Elizabeth River Project, re: 11/15/06 ERPSRP meeting, 11/2/06. P. 309935-309938.
284. Electronic memorandum to Ms. Traycie West, from Mr. Joe Rieger, Elizabeth River Project, re: Next ERPSRP meeting for Atlantic Wood Cleanup November 15, 11/2/06. P. 309939-309941.
285. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Next ERPSRP meeting for Atlantic Wood Cleanup November 15, 11/3/06. P. 309942-309947. A November 15 Draft meeting agenda is attached.
286. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: 11/15/06 ERPSRP meeting, 11/3/06. P. 209948-209953. A draft meeting agenda is attached.
287. Electronic Memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: AWI and National Remedy Review Board, 11/3/06. P. 309954-309954.
288. Electronic memorandum to Ms. Lindsay Demetria, from Mr. Joe Rieger, Elizabeth River Project, re: Next ERPSRP meeting for Atlantic Wood Cleanup November 15, 11/3/06. P. 309955-309958.
289. Electronic memorandum to Mr. Richard Cheliras, SPSA, from Mr. Joe Rieger, Elizabeth River Project, re: November 15 Atlantic Wood Meeting, 11/6/06. P. 309959-309959.
290. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Steven Lynch, City of Portsmouth, re: Meeting-Atlantic Wood Site, 11/13/06. P. 309960-309960.

291. Electronic Memorandum to Mr. Joe Rieger, Elizabeth River Project, from Mr. Randy Sturgeon, U.S. EPA, re: Meeting - Atlantic Wood Site, 11/14/06. P.309961-309961.
292. Table: Alternative 4, Summary of Criteria Analysis for Site-Wide Remedial Alternatives, 11/15/06. P. 309962-309962.
293. Table: Alternative 6, Summary of Criteria Analysis for Site-Wide Remedial Alternatives, 11/15/06. P. 309963-309982.
294. Handwritten List of Attendees, 11/15/06. P. 309983-309985. An electronic transmittal memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, is attached.
295. Powerpoint presentation, "Atlantic Wood Industries, Superfund Site Planning Charette," 11/15/06. P. 309986-310006.
296. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: List of attendees for 11/15 meeting, 11/16/06. P. 310007-310009.
297. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, and Mr. Tony Watkinson, VA Marine Resources Commission, et al., from Mr. Joe Rieger, Elizabeth River Project, re: Wyckoff inlet sediment remediation issues, 11/16/06. P. 310010-310010.
298. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Notes from yesterday, 11/17/06. P. 310011-310012.
299. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Comments on OU3, 11/21/06. P. 310013-310016.
300. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: 11/15/06 meeting minutes, 12/4/06. P. 310017-310025. November 15, 2006 meeting minutes are attached.
301. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Atlantic Wood Remedy, 12/4/06. P. 310026-310026.

- 302. Electronic memorandum to Mr. Joe Rieger, Elizabeth River, from Mr. Randy Sturgeon, U.S. EPA, re: AWI minutes, 12/5/06. P. 310027-310027
- 303. Electronic Memorandum to Mr. Daniel Gilroy, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Industries OU-1 Human Health Risk Assessment Approval, 12/06/06. P. 310028-310030.
- 304. Electronic Memorandum to Ms. Lynne France, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood OU3 Feasability Study approval, 12/08/06. P. 310031-310033.
- 305. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Alternative to save the habitat, 12/11/06. P. 310034-310035.
- 306. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Conversation with Tony Watkinson, 12/11/06. P. 310036-310036.
- 307. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Proposed plan and remedial alternative, 12/11/06. P. 310037-310037.
- 308. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. David Ledbetter, Hunton & Williams, re: Comments on Feasibility Study for proposed remedies for contaminated sediments, 12/11/06. P. 310038-310046. An electronic transmittal memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Mikki Holt, Hunton & Williams, is attached.
- 309. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Alternative to save the habitat, 12/11/06. P. 310047-310048. Wyckoff Inlet drawing attached.
- 310. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Proposed plan and remedial alternative, 12/11/06. P. 310049-310050.
- 311. Letter to Mr. Randy Sturgeon, U.S. EPA, from David Ledbetter, Hunton and Williams, re: Remedy Selection for Contaminated Sediments, 12/11/06. P. 310051-310058.

312. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Matthew Mellon, U.S. EPA, re: RCRA issues pertaining to Creosote.doc, 12/12/06. P. 310059-310064. An article entitled "What is Hazardous Waste, also known as RCRA Waste?" is attached.
313. Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Mike Palermo, re: Review of OU3 Feasibility Study, 12/12/06. P. 310065-310068. A December 12, 2006 memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Michael Palermo, regarding Comments on Feasibility Study, is attached.
314. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mikki Holt, re: Letter sent on behalf of David Ledbetter, 12/12/06. P. 310069-310077. A December 11, 2006 letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. David Ledbetter, Hunton & Williams, regarding comments on proposed remedies for contaminated sediments at AWI, is attached.
315. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Combination alternatives for RRB package, 12/14/06. P. 310078-310081.
316. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Atlantic Wood Industries Meeting, 12/14/06. P. 310082-310083.
317. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, <http://marist.facebook.com/photo.php?pid=31316805&id=18102339> from Mr. Joe Rieger, Elizabeth River Project, re: AWI OU3 comments, 12/18/06. P. 310084-310085.
318. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, and Mr. Joe Rieger, Elizabeth River Project, from Mr. David Koubsky, Elizabeth River, re: AWI OU3 comments, 12/18/06. P. 310086-310087.
319. Electronic memorandum to Mr. Eric Johnson, U.S. EPA, from Mr. Bruce Rundell, U.S. EPA, re: Groundwater Flexibilities Paper, 12/20/06. P. 310088-310092.
320. Electronic Memorandum to Mr. Ross Worsham, Atlantic Wood Inc., from Mr. Randy Sturgeon, U.S. EPA, re: AWI OU1 HHRA, 12/21/06. P. 310093-310093.

321. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, AWI, re: AWI OUI HHRA, 12/21/06. P. 310094-310094.
322. Electronic memorandum to Ms. Kelli Peterson, Hampton Roads Planning District Commission, to Mr. Ross Worsham, AWI, et al, re: Scuffletown Creek Sediment Remediation Workshop, 12/27/06. P. 310095-310097. A December 27, 2006, "Hold the Date," memorandum regarding Scuffletown Creek Sediment Remediation Workshop, is attached.
323. Electronic Memorandum to Ms. Lynne France, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: Region 3 Ecological Screening Benchmark / website update, 1/4/07. P. 310098-310098.
324. Electronic memorandum to Mr. Mike Buchman, NOAA, from Mr. Randy Sturgeon, U.S. EPA, re: Dioxins, 1/4/07. P. 310099-310100.
325. Electronic memorandum to Mr. Joe Rieger, Elizabeth River Project, from Mr. Randy Sturgeon, U.S. EPA, re: Draft agenda for January 18, 2007 TAC meeting, 1/9/07. P. 3100101-310104.
326. Electronic memorandum to Interested Parties, from Ms. Marla Frye, Hampton Roads Planning District Commission, re: Invitation to 1/19/07 Scuffletown Creek Sediment Remediation Workshop, 1/10/07. P. 310105-310115.
327. Electronic memorandum to Mr. Ross Worsham, AWI, Ms. Lynne France, CDM, et al, from Ms. Marla Frye, re: Scuffletown Creek Sediment Remediation Workshop, 1/10/07. P. 310116-310126. A 2007 memorandum to interested parties, from Mr. John Carlock, Physical Planning, regarding January 19, 2007 Scuffletown Creek Sediment Remediation Workshop, is attached.
328. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Remedy Review Info, 1/10/07. P. 310127-310127.
329. Electronic memorandum to Mr. Larry Johnson, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Community Contacts, 1/10/07. P. 310128-310129. Related correspondence is attached.

- 330. Electronic memorandum to Mr. Ross Worsham, AWI, from Mr. Randy Sturgeon, U.S. EPA, re: EPA Remedy Review Board, 1/13/07. P. 310130-310133. A January 13, 2007 packet of remedial alternatives tables for the National Remedy Review Board is attached.
- 331. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood, Inc., re: Remedy Review Board, 1/13/07. P. 310134-310134.
- 332. Electronic memorandum to Mr. Timothy Reisch, Department of the Navy, from Mr. Randy Sturgeon, U.S. EPA, re: EPA National Remedy Review Board, 1/13/07. P. 310135-310138.
- 333. Electronic memorandum to Mr. Simeon Hahn, U.S. EPA, and Mr. John McCloskey, U.S. Fish & Wildlife Service, from Mr. Randy Sturgeon, U.S. EPA, re: EPA Remedy Review Board, 1/13/07. P. 310139-310142.
- 334. Electronic memorandum to Mr. Joe Rieger, Elizabeth River Project, from Mr. Randy Sturgeon, U.S. EPA, re: EPA National Remedy Review Board, 1/13/07. P. 310143-310146. A January 13, 2007 packet of remedial alternatives tables for the National Remedy Review Board is attached.
- 335. Electronic memorandum to Mr. Mike Host, Department of the Navy, from Mr. Randy Sturgeon, U.S. EPA, re: EPA Remedy Review Board, 1/13/07. P. 310147-310150. A January 13, 2007 packet of remedial alternatives for the National Remedy Review Board is attached.
- 336. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: EPA Remedy Review Board, 1/13/07. P. 310151-310154. A January 13, 2007 packet of remedial alternatives tables for the National Remedy Review Board is attached.
- 337. Electronic Memorandum to Mr. John Schmerfield, U.S. Fish and Wildlife Service, from Mr. Randy Sturgeon, U.S. EPA, re: EPA remedy review board, 1/16/07. P. 310155-310156.
- 338. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Remedy Review Board Documents, 1/17/07. P. 310157-310232.
- 343. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Remedy Review Board Documents #2, 1/17/07. P. 310233-310239.

344. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Remedy Review Board Documents #3 and last, 1/17/07. P. 310240-310249. Related documents are attached.
345. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Remedy Review Board Documents #2.5, 1/17/07. P. 310250-310256.
346. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Greg Allen, U.S. EPA, re: Elizabeth River blue crabs and contaminants, 1/17/07. P. 310257-310272. Related data tables are attached.
347. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, and Mr. Joe Rieger, Elizabeth River, from Ms. Lynne France, CDM, re: Stakeholder meeting followup letter, 1/20/07. P. 310273-310290. A January 19, 2007 letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, regarding site wide remedial alternatives, is attached.
348. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Tom Brosnan, NOAA, re: NOAA trustee comments, 1/23/07. P. 310291-310293. A January 23, 2007 letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Tom Brosnan, NOAA, regarding NOAA trustee comments, is attached.
351. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood, Inc., re: Stakeholder meeting followup letter, 1/23/07. P. 310294-310294.
352. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Stakeholder meeting follow-up letter, 1/23/07. P. 310295-310302. A January 19, 2007 letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, regarding site wide remedial alternatives, is attached.
353. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. David Fetty, Portsmouth Public Schools, re: Burtons Point Meeting, 1/24/07. P. 310303-310303.
354. Letter to Remedy Review Board, from Ms. Marjorie Mayfield Jackson, Elizabeth River Project, re: Comments on Remediation Plans, 1/24/07. P. 310304-310307.

355. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Marjorie Mayfield, Elizabeth River Project, re: Comments on remedial options, 1/25/07. P. 310308-310308.
356. Report: National Remedy Review Report, Atlantic Wood Industries, Portsmouth, Virginia, prepared by CDM Federal Programs Corp., 1/26/07. P. 310309-310464. A January 29, 2007 cover letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, is attached.
357. Appendix C of the National Remedy Review Board Review Document - Cost Estimates, 1/29/07. P. 310465-310467. Related documents are attached.
358. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Construction of Southgate Annex sheet pile bulkhead, 1/29/07. P. 310468-310481. An excerpt from the inspection report is attached.
359. Electronic memorandum to Mr. Steve Ells, U.S. EPA, and Ms. Leah Evison, U.S. EPA, from Mr. Randy Sturgeon, re: Stakeholder comments for Board's consideration, 1/30/07. P. 310482-310486. A January 24, 2007 letter to the Remedy Review Board from Ms. Marjorie Mayfield Jackson, Elizabeth River Project, regarding comments on remediation plans, is attached.
360. Electronic memorandum to Mr. Steve Ells and Ms. Leah Evison, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Trustee comments for NRRB, 1/31/07. P. 310487-310489. A January 23, 2007 letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Brosnan, NOAA, regarding comments on remedial alternatives, is attached.
361. Electronic memorandum to Remedy Review Board, from Mr. Randy Sturgeon, U.S. EPA, re: Transmittal of Navy comments, 1/31/07. P. 310490-310504. An excerpt from the Southgate Bulkhead report is attached.
362. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood, Inc., re: Remedy Review Board, 1/31/07. P. 310505-310512.
363. Electronic memorandum to Mr. Ross Worsham, Atlantic Wood, Inc., from Mr. Randy Sturgeon, U.S. EPA, re: Remedy Review Board, 1/31/07. P. 310513-310513. Related correspondence is attached.

364. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. David Fetty, re: Burtons Point Meeting, 1/31/07. P. 310514-310515.
365. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Chris Evans, VADEQ, re: Meeting regarding Atlantic Wood Industries Site, 1/31/07. P. 310516-310517.
366. Electronic Memorandum to Mr. Chris Evans, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Industries Site, 1/31/07. P. 310518-310518.
367. Electronic memorandum to Mr. Steve Ells and Ms. Leah Evison, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: AWII Comments for Remedy Review Board, 1/31/07. P. 310519-310587. Related documents are attached.
368. Electronic memorandum to Mr. Steve Ells and Ms. Leah Evison, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Comments from the Navy, 1/31/07. P. 310588-310602. A string of Navy emails is attached.
369. Electronic memorandum to Remedy Review Board, from Mr. Randy Sturgeon, U.S. EPA, re: Transmittal of AWI comments, 1/31/07. P. 310603-310671. The following are attached:
- a) a November 15, Elizabeth Remediation Project Sediment Remediation Partnership meeting minutes;
 - b) a July 26, 2006, letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, regarding contaminated sediments in the Southern Branch of Elizabeth River;
 - c) map of enlarged portion of the Norfolk South Is something missing here in the reference?;
 - d) a February 2006, report entitled, "Concentrations of Polycyclic Aromatic Hydrocarbons (PAHs) in Sediment Samples from the former Wyckoff Creosote and Pipe and Republic Creosote, Southern Branch of the Elizabeth River";
 - e) a February and March 2006 Findings of the Far Field Scoping Research;

- f) a December 11, 2006, letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. David Ledbetter, Hunton & Williams, regarding comments on Feasibility Study of proposed remedies for contaminated sediments;
 - g) an August 18, 2006, letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, regarding the PAH-contaminated sediments;
 - h) USN Norfolk Naval Shipyard Coast Hazardous Waste Site Review;
 - i) a January 24, 2007, letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, regarding comments on the draft Preferred Alternatives for the Site Remedy Selection.
371. Electronic memorandum to Ms. Ana Pomales, U.S. EPA, and Mr. Jeffrey Tuttle, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Sample collection event dust issues, 2/2/07. P. 310672-310683. Appendix F - Air and Dust Summary is attached.
372. Electronic memorandum to Mr. Harry Bennett, Bob Croonenberghs, Virginia Department of Health (VDH), et al, from Mr. Randy Sturgeon, U.S. EPA, re: Summary of 2006 crab and oyster data, 2/4/07. P. 310684-310716. A December 20, 2006 Statistical Analyses of Oyster and Crab Biomonitoring Data, Atlantic Wood Industries Site, Portsmouth Virginia, prepared by Avatar Environmental, is attached.
373. Electronic memorandum to Mr. Lennie Luke, City of Chesapeake, from Mr. Randy Sturgeon, U.S. EPA, re: Summary of 2006 crab and oyster data, 2/5/07. P. 310717-310749. A December 20, 2006 Statistical Analyses of Oyster and Crab Biomonitoring Data, Atlantic Wood Industries Site, Portsmouth Virginia, prepared by Avatar Environmental, is attached.
374. Electronic memorandum to Lennie Luke, City of Chesapeake, from Mr. Randy Sturgeon, U.S. EPA, re: February 12, 2007 State of the River Meeting, 2/5/07. P. 310750-310751. A meeting agenda is attached.
375. Electronic memorandum to Ms. Ana Pomales, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: AWI surface soil contamination, 2/5/07. P. 310752-310752.

376. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Lennie Luke, City of Chesapeake, re: Summary of 2006 crab and oyster data, 2/5/07. P. 310753-310785.
377. Electronic memorandum to Ms. Ana Pomales, U.S. EPA, and Jeffrey Tuttle, U.S. EPA, et al., from Mr. Randy Sturgeon, U.S. EPA, re: Feb 12 AWI meeting, 2/5/07. P. 310786-310786.
378. Electronic memorandum to Ms. Ana Pomales, U.S. EPA, and Mr. Jeffrey Tuttle, U.S. EPA, et. al, from Mr. Randy Sturgeon, U.S. EPA, re: Draft Biota Data and Risk Information for Southern Branch of Elizabeth River, 2/6/07. P. 310787-310787.
379. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Robert Croonenberghs, VDH, re: Draft biota data and risk information for Southern branch of Elizabeth River, 2/6/07. P. 310788-310788.
380. Electronic memorandum to Mr. Rom Lipcius, VA Institute of Marine Science, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Industries Superfund Site and crabs, 2/6/07. P. 310789-310789.
379. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lora Werner, U.S. EPA, re: Atlantic Wood Request, 2/7/07. P. 310790-310790.
380. Electronic Memorandum to Mr. Lennie Luke, and Mr. Raymond Wharton, City of Chesapeake, et al., from Mr. Randy Sturgeon, U.S. EPA, re: Human health issues at ERP's 2/12/07 State of the River meeting, 2/7/07. P. 310791-310792.
381. Letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Work Assignments 033-RICO-03L2, 035-RICO-03L2, and 047-Rico-03L2 Atlantic Wood Industries Site, Wyckoff Inlet Restoration Alternative, 2/7/07. P. 310793-310797. Figure 1: Wyckoff Inlet Wetland Restoration Component, and Figure 4-8: Alternatives 5 and 6, DNAPL Cross Section H-H, Wyckoff Inlet, are attached.
382. Map, Proposed Stormwater Management Plan-Option 1, prepared by CDM, 2/9/07. P. 310798-310798.
383. Map, Proposed Stormwater Management Plan-Option 2, prepared by CDM, 2/9/07. P. 310799-310799.

384. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. David Koubsky, Elizabeth River Project, re: 2/12/07 State of the River Meeting, 2/7/07. P. 310800-310805.
385. Powerpoint presentation, "Discussion of Preliminary Crab & Oyster Data and Risks," 2/12/07. P. 310806-310809.
386. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Dwight Dixon, re: Sunken barge photos, 2/12/07. P. 310810-310815. A packet of photos are attached.
387. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Dwight Dixon, re: More barge photos, 2/12/07. P. 310816-310817.
388. Discussion of Preliminary Crab & Oyster Data and Risks Presentation, prepared by Mr. Randy Sturgeon, U.S. EPA, 2/12/07. P. 310818-310825. A March 13, 2007, electronic transmittal memorandum to Elizabeth River Stakeholders, from Mr. Joe Rieger, Elizabeth River Project, is attached.
389. Electronic memorandum to Ms. Lynne France, CDM, Ms. Mary Apakian, CDM, Mr. Jeffery Tuttle, U.S. EPA, and Mr. Bruce Pluta, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Arsenic in crabs, 2/13/07. P. 310826-310826.
390. Electronic memorandum to Mr. Marc Stifelman, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Arsenic in Marine/estuarine aquatic organisms, 2/13/07. P. 310827-310827.
391. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Arsenic in crabs, 2/14/07. P. 310828-310828.
392. Electronic memorandum to Ms. Ana Pomales, Larry Johnson, et al., U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Fish advisory for Elizabeth River (PCBs), 2/14/07. P. 310829-310829.
393. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Proposed storm water handling, 2/16/07. P. 310830-310832. Figures are attached.
394. Electronic memorandum to Ms. Lynne France, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: Example Sand Gate, 2/16/07. P. 310833-310834.

395. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Kevin Greene, VADEQ, re: Virginia comments on proposed plan, 2/16/07. P. 310835-310839. A transmittal electronic memorandum to Mr. Randy Sturgeon, from Mr. Kevin Greene, VADEQ, is attached.
396. Electronic Memorandum to Mr. Alex Barron, VADEQ. From Mr. Randy Sturgeon, U.S. EPA, re: Subsistence level crab harvest in the Elizabeth River, 2/20/07. P. 310840-310842. Related correspondence is attached.
397. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Robert Croonenberghs, VDH, re: Subsistence level crab harvest in the Elizabeth River, 2/20/07. P. 310843-310843.
398. Electronic memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: RBR schedule, 2/20/07. P. 310844-310844.
399. Electronic memorandum to Mr. Robert Croonenberghs, VA Dept. of Health, from Mr. Randy Sturgeon, U.S. EPA, re: Subsistence level crab harvest in the Elizabeth River, 2/20/07. P. 310845-310846.
400. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Robert Croonenberghs, VA Dept. of Health re: Subsistence level crab harvest in the Elizabeth River, 2/20/07. P. 310847-310849.
401. Electronic memorandum to Mr. Tom Brosnan, NOAA, from Mr. Simeon Hahn, NOAA, re: Atlantic Wood Trustee Comments for NRRB, 2/20/07. P. 310850-310850.
402. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, and Ms. Lynne France, CDM, et al., from Mr. Chris Koerner, CDM, re: Crabs, 2/21/07. P. 310851-310852.
403. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Virginia Participants, 2/21/07. P. 310853-310853.
404. Letter to Mr. Randy Sturgeon, U.S. EPA, Ms. Lynne France, CDM, Ms. Anna Grasso, CDM, and Ms. Mary Apakian, from Chris Koerner, re: Excerpts from "Beautiful Swimmers- Watermen, Crabs, and the Chesapeake Bay," by William Warner, 2/21/07. P. 310854-310855.
405. Powerpoint presentation, "Atlantic Wood Industries, Superfund Site Presentation Before EPA's National Remedy Review Board," 2/22/07. P. 310856-310874.

406. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: TMDLs, 2/22/07. P. 310875-310875.
407. Electronic Memorandum to Ms. Nita Mensia-Joseph, Portsmouth Public School District, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Superfund Site information session, 2/28/07. P. 310876-310876.
408. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: National Remedy Review Board Review Document, 3/1/07. P. 310877-310877.
409. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Leah Evison, U.S. EPA, re: Arsenic speciation, 3/1/07. P. 310878-310880.
410. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Ana Pomales, U.S. EPA, re: Blue crab migration, 3/2/07. P. 310881-310881.
411. Electronic memorandum to Mr. Joe Rieger, Elizabeth River Project, from Mr. Randy Sturgeon, U.S. EPA, re: Draft Biota Data and Risk Information for Southern Branch of Elizabeth River, 3/6/07. P. 310882-310883.
412. Electronic Memorandum to Mr. Jeffrey Tuttle, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Organic arsenic toxicity, 3/7/07. P. 310884-310884.
413. Electronic memorandum to Mr. Joe Rieger, Elizabeth River Project, from Mr. Randy Sturgeon, U.S. EPA, re: 11/15/06 stakeholder meeting, 3/08/07. P. 310885-310902. A December 8, 2006 letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, regarding site-wide remedial alternatives, is attached.

414. Electronic memorandum to Mr. Joe Rieger, Elizabeth River Project, from Mr. Randy Sturgeon, U.S. EPA, re: Site-related information as a result of 11/15/06 stakeholder meeting, 3/8/07. P. 310903-310940. The following are attached:
- a) a December 8, 2006 letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, regarding site wide remedial alternatives;
 - b) a February 7, 2007, letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, regarding Wyckoff Inlet restoration alternative;
 - c) a packet of site drawings;
 - d) a March 13, 2007, electronic memorandum to Elizabeth River Project Sediment Remediation Partnership, from Mr. Joe Rieger, Elizabeth River Project, regarding comments from the 11/15/06 meeting.
418. Electronic Memorandum to Ms. Lynne France, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: Bioremediation, 3/9/07. P. 310941-310941.
419. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Allison Hiltner, U.S. EPA, re: Pier piling disposal, 3/9/07. P. 310942-310943. Related correspondence is attached.
420. Electronic memorandum to Ms. Marjorie Mayfield, Elizabeth River Project, et al, from Mr. Joe Rieger, Elizabeth River Project, re: EPA Risk Assessment of Crab and Oysters, 3/12/07. P. 310944-311050.
421. Electronic Memorandum to Mr. Joe Rieger, Elizabeth River, and Mr. Randy Sturgeon, U.S. EPA, from Mr. Robert Croonenberghs, VDH, re: Arsenic cites, 3/13/07. P. 311051-311051.
422. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Arsenic Cites, 3/14/07. P. 311052-311054.
423. Electronic memorandum to Mr. Joe Rieger, Elizabeth River Project, from Mr. Randy Sturgeon, U.S. EPA, re: Risk Assessment, 3/16/07. P. 311055-311055. Related correspondence is attached.

- 424. Powerpoint presentation, "Atlantic Wood Industries, Superfund Site presentation to Portsmouth Public School District Employees" 3/21/07. P. 311056-311075.
- 425. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: State of the River Minutes and PowerPoints, 3/22/07. P. 311076-311077.
- 426. Electronic memorandum to Mr. Alex Barron, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Next meeting for State of the River, 3/23/07. P. 311078-311081. Related chain of correspondence attached.
- 427. Electronic Memorandum to Mr. Thomas Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Next meeting for state of the river, 3/23/07. P. 311082-311085. Related correspondence is attached.
- 428. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Mike Buchman, NOAA, re: Arsenic (As), 3/26/07. P. 311086-311086.
- 429. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Comments on Risk Assessment data and next meeting for State of the River, 3/27/07. P. 311087-311096.
- 430. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, and Ms. Roseanne Lorenzana, U.S. EPA, from Lon Kissinger, U.S. EPA, re: Arsenic in seafood, 3/28/07. P. 311097-311097.
- 431. Electronic Memorandum to Mr. Nick Fisher, SUNYSB, from Mr. Randy Sturgeon, U.S. EPA, re: Arsenic speciation in blue crabs, 3/28/07. P. 311098-311098.
- 432. Electronic Memorandum to Ms. Celia Chen, Dartmouth University, from Mr. Randy Sturgeon, U.S. EPA, re: Arsenic speciation in blue crabs, 3/28/07. P. 311099-311099.
- 433. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Kecia Brown, Portsmouth Public Schools, re: Presentation Date, 4/2/07. P. 311100-311100.
- 434. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Celia Chen, Dartmouth, re: Arsenic paper, 4/3/07. P. 311101-311141.

435. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Celia Chen, Dartmouth University, re: Arsenic journal article, "Acute Toxicity of Arsenic to *Daphnia pulex*: Influence of Organic Functional Groups and Oxidation State," 4/3/07. P. 311142-311182. Journal article is attached.
436. Report: Health Consultation, Exposure Investigation Report, Dupont Delise Plan, a.k.a E.I. Dupont De Nemours and Co., Inc., Pass Christian, Harrison County, Mississippi, prepared by Agency for Toxic Substances and Disease Registry (ATSDR), 4/4/07. P. 311183-311232. An April 13, 2007 electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Ana Pomales, U.S. EPA, regarding crab study, ATSDR report and article, is attached.
437. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: New figure, 4/12/07. P. 311233-311233.
438. Electronic memorandum to Mr. Randy Sturgeon and Ms. Ana Pomales, U.S. EPA, from Mr. Karl Markiewicz, U.S. EPA, re: Meeting Powerpoint slides, 4/12/07. P. 311234-311239. A Powerpoint entitled, "Introduction to Toxicology," is attached.
439. Electronic memorandum to the State of the River Committee, from Mr. Joe Rieger, Elizabeth River Project, re: Final Site Management plan, 3/13/07. P. 311240-311297. A May 3, 2006, Final Site Management Plan, OU3 Oyster Sampling Event, Atlantic Wood Industries Site, Portsmouth, Virginia, prepared by CDM Federal Programs Corp., is attached.
440. Electronic memorandum to Mr. Randy Sturgeon, and Mr. Karl Markiewicz, U.S. EPA, from Ms. Kecia Brown, Portsmouth Public Schools, re: EPA Brief, 4/16/07. P. 311298-311299. Related correspondence is attached.
441. Electronic Memorandum to Ms. Margaret Hottensen, U.S. EPA, Mr. Jim Webb, U.S. EPA, et al., from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood and the Portsmouth Public School District Meeting, 4/18/07. P. 311300-311301.
442. Electronic memorandum to Mr. Joe Rieger, Elizabeth River, from Mr. Randy Sturgeon, U.S. EPA, re: Meeting with the City on AWI, 4/18/07. P. 311302-311302.

443. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Andrea Wortzel, Hunton & Williams, re: Supplemental comments to Remedy Review Board, 4/20/07. P. 311303-311362. The following are attached:

- a) an April 20, 2007, letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Andrew Wortzel, Hunton & Williams, regarding the supplemental comments on the Remedy Selection;
- b) an August 7, 2006, electronic memorandum to Mr. Mike Host, Department of Navy, from Mr. Greyson Franklin, U.S. EPA, regarding the Norfolk Naval Shipyard Site 15;
- c) a July 10, 2006, electronic memorandum to Mr. Timothy Reisch, Department of Navy, from Mr. Greyson Franklin, U.S. EPA, regarding the Norfolk Naval Shipyard South Annex;
- d) a June 30, 2006, electronic memorandum to Mr. Greyson Franklin, U.S. EPA, from Mr. Timothy Reisch, Department of Navy, regarding Norfolk Naval Shipyard Site 15 and PP for review;
- e) a February 15, 2006, memorandum to Mr. Randy Sturgeon, U.S. EPA, Mr. Todd Bridges, WES, from Mr. Michael Palermo, Mike Palermo Consulting, regarding Palermo comments on remedial alternatives;
- f) an August 2, 2005, Pollution Report # 1, Hazel Court Enterprises Site;
- g) a January 30, 2007, electronic memorandum to Ms. Wanda James, U.S. EPA, from Mr. Ron Davis, regarding forwarded comments on Remedial Investigation focus;
- h) a July 28, 2006 memorandum to Mr. Greyson Franklin, U.S. EPA, from Mr. Bruce Pluta, U.S. EPA, regarding the draft Preliminary Assessment for Site 15;
- i) a January 25, 2005, electronic memorandum to Mr. Mike Host, Department of Navy, from Mr. Randy Sturgeon, U.S. EPA, regarding access issues and revised scope for OU3;
- j) March 9, 2005, draft meeting minutes;
- k) March 11, 2005, draft meeting minutes.

450. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Scott Demharter, City of Portsmouth, re: Remediation of AWI Superfund Site, 4/24/07. P. 311363-311364. A December 28, 2006 letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. John Rowe, City of Portsmouth, regarding Remedial Alternative #6, is attached.
451. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. David Cooper, U.S. EPA, re: Supplemental Comments to Remedial Remedy Review Board, 4/24/07. P. 311365-311366.
452. Report: Final Remedial Investigation Report for OU2 Groundwater and OU3 River Sediment, Volume 1 Appendices, Atlantic Wood Industries, Inc., Portsmouth, Virginia, prepared by CDM Federal Programs Corp., 4/26/07. P. 311367-311694.
453. Report: Final Remedial Investigation Report for OU2 Groundwater and OU3 River Sediment, Volume 2 Appendices, Atlantic Wood Industries, Inc., Portsmouth, Virginia, prepared by CDM Federal Programs Corp., 4/26/07. P. 311695-312340.
454. Electronic memorandum to Ram Tripathi, VDH, et al, from Mr. Joe Rieger, re: Fish Tissue meeting, 4/30/07. P. 312341-312451. Related documents are attached.
455. Electronic memorandum to the State of the River Committee, from Mr. Joe Rieger, Elizabeth River Project, re: Final Site Management Plan, 4/30/07. P. 312452- 312562. A May 3, 2006 Final Site Management Plan, OU3 Oyster Sampling Event, Atlantic Wood Industries Site, Portsmouth, Virginia, prepared by CDM Federal Programs Corp., is attached.
456. Electronic Memorandum to Ms. Lynne France, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: AWI OU 2 and 3 Remedial Investigation Report (4/26/07), 5/1/07. P. 312563-312563.
457. Powerpoint Presentation, "On-going Discussion of Crab & Oyster Consumption Risks," prepared by Randy Sturgeon, 5/2/07. P. 312564-312575.
458. Electronic Memorandum to Mr. Alex Barron, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Arsenic guidance, 5/4/07. P. 312576-312576.

459. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ram Tripathi, VDH, re: Chemical concentrations in biota along with VDH guidelines for PCBs, dioxins, and mercury, 5/7/07. P. 312577-312579. A data table entitled, "Mean Biota Tissue Concentrations from Atlantic Wood, Scuffletown Creek, Kings Creek, and Sarah's Creek," is attached.
460. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Alex Barron, VADEQ, re: Arsenic guidance, 5/7/07. P. 312580-312581.
461. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ram Tripathi, VDH, re: Chemical concentrations in biota along with VDH Guidelines for PCBs, dioxins, and mercury, 5/11/07. P. 312582-312583. A "Mean Chemical Concentrations in Meat from Crabs and Oysters" Data Table is attached.
462. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ram Tripathi, VDH, re: Chemical concentrations in biota along with VDH Guidelines for PCBs, dioxins, and mercury, 5/11/07. P. 312584-312584.
463. Letter to Ms. Nita Mensia-Joseph, Portsmouth Public School District, from Mr. Randy Sturgeon, U.S. EPA, re: Health information related to AWI site, 5/15/07. P. 312585-312604. Appendix G of Draft OU2 Groundwater Human Health Risk Assessment is attached.
464. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Distribution list for OU2/OU3 RI, 5/15/07. P. 312605-312606.
465. Memorandum to Mr. James Burke, U.S. EPA, from Mr. David Cooper, U.S. EPA, re: National Remedy Review Board Recommendations for the Atlantic Wood Industries, Inc. Superfund Site, 5/15/07. P. 312607-312611.
467. Electronic memorandum to Elizabeth River Project Sediment Remediation Partnership, from Mr. Randy Sturgeon, U.S. EPA, re: Crab and oyster consumption quantities at various organic arsenic levels, 5/17/07. P. 312612-312623.
468. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Lon Kissinger, U.S. EPA, re: Inorganic arsenic, 5/17/07. P. 312624-312627.

469. Electronic memorandum to Mr. Walter Priest, NOAA, from Mr. Randy Sturgeon, U.S. EPA, re: Crab/oyster consumption quantities at various inorganic arsenic levels, 5/17/07. P. 312628-312639.
470. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ram Tripathi, VDH, re: Chemical concentrations in biota along with VDH Guidelines for PCBs, dioxins, and mercury, 5/18/07. P. 312640-312640.
471. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, AWI, re: Navy Dredging Proposal, 5/21/07. P. 312641-312643. A September 20, 2006 article entitled, "Navy Proposes Project to Dredge 4.8 Mile Stretch of Elizabeth River," The Virginian Pilot, is attached.
472. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood, Inc., re: Portsmouth, 5/21/07. P. 312644-312645.
473. Electronic Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: OU2 and OU3 and HHRA dates, 5/22/07. P. 312646-312650. Related correspondence is attached.
474. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, AWI, re: Navy Dredging, 5/23/07. P. 312651-312659. A May 6, 2005 letter to Mr. Ross Worsham, AWI, from Ms. Cherryl Barnett, Department of the Navy, regarding adjacent property owner acknowledgment, is attached.
475. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, re: Navy dredging activities, 5/23/07. P. 312660-312668. A May 6, 2005, letter to Mr. Ross Worsham, Atlantic Wood Industries, from Ms. Cherryl Barnett, Department of Navy, regarding proposed dredging and site drawings, are attached.
476. Report: Final Human Health Risk Assessment for Operable Unit 2 Groundwater, prepared by CDM, 5/29/07. P. 312669-312951. A May 29, 2007 letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, is attached.
477. An electronic memorandum to Mr. Ram Tripathi, VDH, from Mr. Randy Sturgeon, U.S. EPA, re: Crab/oyster consumption quantities at various inorganic arsenic levels, 5/30/07. P. 312952-312955.

478. Electronic memorandum to Mr. Karl Markiewicz, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Oyster/crab consumption quantities at various inorganic arsenic levels, 5/31/07. P. 312956-312960. An electronic memorandum to Mr. Ram Tripathi, from Mr. Randy Sturgeon, U.S. EPA, regarding consumption quantities is attached. P.
479. Report: Final Focused Feasibility Study for OU1 Soil and DNAPL, Atlantic Wood Industries, Inc., Portsmouth, Virginia, prepared by CDM Federal Programs Corp., 5/31/07. P. 312961-313273. A May 31, 2007 cover letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Daniel Gilroy, CDM, is attached.
480. Electronic Memorandum to Mr. Ram Tripathi, VDH, from Mr. Randy Sturgeon, U.S. EPA, re: EPA web sites, 6/1/07. P. 313274-313274.
481. Electronic memorandum to Mr. Tom Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Request for support agency review of Atlantic Wood PRAP, 6/8/07. P. 313275-313327.
482. Electronic memorandum to Mr. Dan Gilroy, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: OU1 FFS Approval for AWI Site, 6/11/07. P. 313328-313328.
483. Electronic Memorandum to Mr. Ross Worsham, Atlantic Wood, Inc., from Mr. Randy Sturgeon, U.S. EPA, re: OU1 FFS approval for AWI site, 6/11/07. P. 313329-313329.
484. Electronic memorandum to Ms. Lynne France, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: OU2 HHRA Approval for AWI site, 6/11/07. P. 313330-313330.
485. Electronic Memorandum to Mr. Dwight Dixon, from Mr. Randy Sturgeon, U.S. EPA, re: AWI site related information generated as a result of 11/15/06 stakeholder meeting, 6/12/07. P. 313331-313332.
486. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Karl Markiewicz, U.S. EPA, re: Arsenic fish article, 6/15/07. P. 313333-313341. An article entitled, "Total and Inorganic Arsenic in Fresh and Processed Fish Products," prepared by American Chemical Society, is attached.
487. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Mike Host, U.S. Navy, re: South Annex Activities, 6/15/07. P. 313342-313343.

488. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Request for Support Agency Review of Atlantic Wood PRAP, 6/15/07. P. 313344-313344.
489. Electronic memorandum to Mr. Karl Markiewicz, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Arsenic fish article, 6/15/07. P. 313345-313353.
490. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood, Inc., re: Metrocast Batch Plant, 9/26/07. P. 313354-313355. Related correspondence is attached.
491. Chapter 3, "Health Effects," Pentachlorophenol, undated. P. 313356-313471.
492. Table 1, Preliminary Remediation Goal (PRG) Comparison Table, Soil and Sediment, undated. P. 313472-313472.
493. Packet of drawings, maps, and tables, undated. P. 313473-313495.
494. Aerial Site Photograph, undated. P. 313496-313496.
495. Figure: Total PAHs in the Vicinity of AWI, undated. 313497-313497.
496. Project Description, Scuffletown Creek Restoration Project, undated. P. 313498-313501.
497. Report: Preliminary Risk Profile Pentachlorophenol, prepared by the Institute of Environmental Protection, undated. P. 313502-313525.
498. Powerpoint Presentation, "Benthic Community Restoration Potential in the Elizabeth River," prepared by Benthic Ecology Laboratory, undated. P. 313526-313539.
499. Powerpoint Presentation, "Sediment Sampling at New Sites (by ERP)," undated. P. 313540-313543.
500. Handrawn diagram: Wyckoff Inlet, undated. P. 313544-313544.
501. Powerpoint Slide, Cross Sections from 3D Model Showing Dredged Channel, prepared by CDM, undated. P. 313545-313545.

502. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VDEQ, re: Approval of Final Human Health Risk Assessment for OU2 Groundwater, 6/27/07. P. 313546-313546.
503. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VDEQ, re: Review of OU1 Final Focused Feasibility Study for Soil and DNAPL, 6/27/07. P. 313547-313547.
504. Electronic memorandum to Ms. Nita Mensia-Joseph, Portsmouth Public School District, from Mr. Randy Sturgeon, U.S. EPA, re: Information Requested by PPSD, 7/8/07. P. 313548-313558. An article entitled, "Toxicological Profile Summaries," prepared by CDM, is attached.
505. Electronic memorandum to Mr. Dan Gilroy, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: OU1 HHRA Tax Profiles, 7/8/07. P. 313559-313559.
506. Electronic memorandum to Ms. Lynne France, CDM, from Mr. Randy Sturgeon, U.S. EPA, re: AWI OU3 Human Health Risk Assessment Approval, 7/8/07. P. 313560-313560.
507. Memorandum to Mr. David Cooper, National Remedy Review Board, from Mr. James Burke, U.S. EPA, re: EPA Region 3 Responses to the National Remedy Review Board Recommendations, 7/5/07. P. 313561-313583. Remedy Review Board comments are attached.
508. Electronic memorandum to Mr. Ram Tripathi, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Oyster RAGS Tables, 6/28/07. P. 313584-313604. A packet of data tables is attached.
509. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Joe Rieger, Elizabeth River Project, re: Draft Consumption Risk Message for AWI Site, 7/3/07. P. 313605-313611. Related correspondence is attached.
510. Proposed Plan, Atlantic Wood Industries Superfund Site, Portsmouth, Virginia, prepared by U.S. EPA, 7/07. P. 3136112-313684.
511. Report: Final Human Health Risk Assessment OU3 River Sediment, Atlantic Wood Industries Superfund Site, Portsmouth, Virginia, prepared by CDM Federal Programs Corp., 7/5/07. P. 313685-314409.

512. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: Memo to File regarding Cost Estimate in Proposed Plan for Preferred Alternative #4, 7/8/07. P. 314410-314410.
513. Excerpts from Final Summary Memorandum Supplemental Data Collection and Evaluation, Sites 3 and 9, prepared by Baker Environmental, Inc., 10/95. P. 314411-314524.
514. Packet of Positive Detection Figures for Sections 5 and 6, prepared by Baker Environmental Inc., 4/96. P. 314525-314536.
515. Report: Dense Non-Aqueous Phase Liquid (DNAPL) Source Area Technical Memorandum, prepared by CDM Federal Programs Corporation, 6/5/03. P. 314537-314677. A June 5, 2003 cover letter to Mr. Ron Davis, U.S. EPA, from Ms. Lynne France, CDM Federal Programs Corp., is attached.
516. Report: Phase 1 Environmental Site Assessment for 3991 Elm Avenue, prepared by Stokes Environmental Associates, Ltd., 8/26/03. P. 314678-315002.
517. Report: Phase 2 Environmental Assessment for 3991 Elm Avenue, prepared by Stokes Environmental Associates, Ltd., 3/12/04. P. 315003-315095.
518. Notice of Intent to Prepare an Environmental Impact Statement (EIS) for Proposed Dredging of the Norfolk Harbor Channel, Norfolk and Portsmouth, Virginia, and to Announce Public Scoping Meetings, Federal Register Volume 71 No. 181 P. 54803, 9/19/06. P. 315096-315105.
519. Letter to Mr. Stephen Johnson, U.S. EPA, from Mr. M. Granger Morgan, U.S. EPA Science Advisory Board, and Ms. Genevieve Matanoski, U.S. EPA Science Advisory Board, re: Advisory on EPA's Assessments of Carcinogenic Effects of Organic and Inorganic Arsenic, 6/28/07. P. 315106-315193. Related documents are attached.
520. Memorandum to Mr. Joe Rieger, from Mr. Ram Tripathi, VADEQ, re: Comments on "An Evaluation of Human Health Risks Associated with the Consumption of Crabs and Oysters from the Atlantic Wood Industries Site and Scuffletown Creek of the Elizabeth River and Kings Creek of the York River," 6/29/07. P. 315194-315196.

- 521. Electronic memorandum to Ms. Nita Mensia-Joseph, Portsmouth Public School District, from Mr. Randy Sturgeon, U.S. EPA, re: Information requested by Portsmouth Public School District, 7/8/07. P. 315197-315197.
- 522. Electronic memorandum to Mr. Jeffrey Goodchild, from Mr. Randy Sturgeon, U.S. EPA, re: AWI OU3 Human Health Risk Assessment Approval, 7/8/07. P. 315198-315198.
- 523. Electronic memorandum to Mr. Joe Rieger, Elizabeth River Project, from Mr. Randy Sturgeon, U.S. EPA, re: AWI OU3 Human Health Risk Assessment Approval, 7/9/07. P. 315199-315199.
- 524. Packet of Delivery Failure Reports, re: Atlantic Wood Proposed Plan, 7/10/07. P. 315200-315207.
- 525. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from LaRonda Koffi, U.S. EPA, re: Atlantic Wood Proposed Plan, 7/10/07. P. 315208-315209.
- 526. Electronic memorandum to Atlantic Wood Stakeholders, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Proposed Plan, 7/10/07. P. 315210-315210.
- 527. Letter to Mr. Ross Worsham, Atlantic Wood Industries, Inc., from Mr. David King, Management and Technical Resources, Inc., re: Human Health Risk Assessment for Operable Unit 3 River Sediments, 7/18/07. P. 315211-315213.
- 528. Electronic memorandum to Atlantic Wood Stakeholders, from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Proposed Plan, 7/20/07. P. 315214-315215.
- 529. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Scott Demharther, City of Portsmouth, re: Atlantic Wood Proposed Plan, 7/20/07. P. 315216-315217.
- 530. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. John Maher, City of Portsmouth, re: Atlantic Wood Proposed Plan, 7/20/07. P. 315218-315219.
- 531. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, Helen Duteau, U.S. EPA, et al., from Mr. Roy Seneca, U.S. EPA, re: Norfolk Virginia Pilot "Atlantic Wood Cleanup may cost \$45 million", 7/24/07. P. 315220-315221.

532. Letter to Mr. David Ledbetter, Hunton & Williams, from Ms. Suzanne Parent, U.S. EPA, re: Meeting with EPA and DEQ, 7/25/07. P. 315222-315223.
533. Letter to Mr. Larry Johnson, U.S. EPA, from Mr. Brian Ross, re: Comments on Atlantic Wood Cleanup, 7/25/07. P. 315224-315225.
534. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Robert Stuart, re: Comments on Proposed Cleanup Plan, 7/26/07, P. 315226-315230.
535. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Elleanore Daub, VADEQ, re: Mailing list, 7/27/07. P. 315231-315231.
536. Letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Janice Whiting, re: Comments on Proposed Cleanup Plan, 7/31/07. P. 315232-315233.
537. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Dwight Dixon, re: Comments on Proposed Cleanup Plan, 8/1/07. P. 315234-315239.
538. Electronic memorandum to Kecia Brown, Portsmouth Public Schools, from Mr. Randy Sturgeon, U.S. EPA, re: Information requested by Portsmouth Public Schools, 8/1/07. P. 315240-315242.
539. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Larry Johnson, U.S. EPA, re: AWI Email Public Comments, 8/2/07. P. 315243-315248.
540. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Paul Killam, re: Comments on Proposed Cleanup Plan, 8/3/07. P. 315249-315253.
541. Electronic memorandum to Mr. Joseph Rieger, Elizabeth River Project, Mr. Thomas Modena, VADEQ, et al., from Mr. Randy Sturgeon, U.S. EPA, re: Invitation to a Second Atlantic Wood Superfund Site Public Meeting, 8/3/07. P. 315254-315254.
542. Electronic memorandum to City of Chesapeake, from Mr. Randy Sturgeon, U.S. EPA, re: EPA announces 2nd Atlantic Wood public meeting, 8/7/07. P. 315255-315256.
543. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Claude Thompson, re: Comments on Proposed Plan, 8/8/07. P. 315257-315258.

544. Letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Heather Mantz, Virginia Port Authority, re: Comments on Proposed Plan, 8/9/07. P. 315259-315259.
545. Letter to Ms. Shirl Dressler, Virginia Dept. of Game and Inland Fisheries, from Ms. Lynne France, CDM Federal Programs, re: Request for Environmental Review, 8/9/07. P. 315260-315261.
546. Letter to Mr. Eric Davis, U.S. Fish and Wildlife Service, from Ms. Lynne France, CDM Federal Programs, re: Request regarding types of endangered or threatened species present within the project area, 8/9/07. P. 315262-315263.
547. Letter to Ms. Rene Hypes, Virginia Dept. of Conservation and Recreation, from Ms. Lynne France, CDM Federal Programs, re: Request for Project Review, 8/9/07. P. 315264-315269.
548. Letter to Ms. Julie Crocker, National Marine Fisheries Service, from Ms. Lynne France, CDM Federal Programs, re: Request regarding types of endangered or threatened marine life present within the project area, 8/9/07. P. 315270-315271.
549. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Comments on Final Human Health Risk Assessment for OU-3 River Sediment, 8/10/07. P. 315272-315272.
550. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Willard Moody, re: Comments on Proposed Plan, 8/23/07. P. 315273-315275.
551. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Dwight Dixon, re: Changes to relocation of the sheet pile wall, 8/27/07. P. 315276-315276.
552. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Steven Lynch, City of Portsmouth, re: EPA Remediation Proposals, 9/7/07. P. 315277-315278.
553. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Stephen Lynch, Portsmouth Port and Industrial Commission, re: Atlantic Wood Cleanup Options, 9/7/07. P. 315279-315279.
554. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Brosnan, National Oceanic and Atmospheric Administration, re: Comments on Proposed Plan, 9/10/07. P. 315280-315282.

- 555. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Amar Dwarkanath, City of Chesapeake, re: Comments on Proposed Plan, 9/10/07. P. 315283-315287.
- 556. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, re: Comments on Proposed Plan, 9/10/07. P. 315288-315300.
- 557. Electronic memorandum to Leon Rodgers, Norfolk Southern Corp., from Mr. Randy Sturgeon, U.S. EPA, re: Atlantic Wood Industries Site, 9/18/07. P. 315301-315301.
- 558. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Atlantic Wood Industries ROD ARAR, 9/18/07. P. 315302-315302.
- 559. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Draft ARARs Table, 9/21/07. P. 315303-315303.
- 560. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Randy Sturgeon, U.S. EPA, re: EPA Releases Proposed Plan for Atlantic Wood Industries Superfund Site, 9/24/07. P. 315304-315305.
- 561. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Chris Evans, VADEQ, re: Comments on Draft Record of Decision, 9/25/07. P. 315306-315306.
- 562. List of Threatened and Endangered Faunal Species, prepared by Virginia Department of Game and Inland Fisheries, undated. P. 315307-315320.
- 563. Memorandum to Ms. Wanda James, U.S. EPA, from Mr. Ron Davis, U.S. EPA, re: Comments on remedial investigation, 1/30/07. P. 315321-315322.
- 564. Technical memorandum, "Development of Preliminary Remediation Goal for Total PAHs for Money Point, Elizabeth River, VA," prepared by SATC, 2/07. P. 315323-315344.
- 565. Request for Proposals, Design and Build Services for Remediation of River Sediments at Money Point, Elizabeth River, prepared by Living River Restoration Trust, 5/23/07. P. 315345-315382.
- 566. Letter to Mr. Randy Sturgeon, U.S. EPA, from Chris Evans, VADEQ, re: Comments on ROD, 9/25/07. P. 315383-315383.

567. Memorandum to File, from Mr. Randy Sturgeon, U.S. EPA, re: Models used at Atlantic Wood Industries Superfund Site, 10/25/07. P. 315384-315384.
568. Harbor Lines Map, Southern Branch of the Elizabeth River and Paradise Creek, prepared by the USACE, 5/1951. P. 315385-315385.
569. Letter to Mr. Ron Davis, U.S. EPA, from Mr. Paul Kohler, VADEQ, re: Draft revised work plan for Work Assignment No. 0-071, 8/1/00. P. 315386-315387.
570. Technical memorandum to Mr. Tim Reisch, LANTDIV, from Mr. Steve Petron, BOS, Mr. Bill Kappleman, WDC, and Mr. Jamie Maughan, BOS, re: Review of EPA revised work plan for ecological risk assessment, 7/14/00. P. 315388-315394. An August 31, 2000, letter to Mr. Ron Davis, U.S. EPA, from R.G. Schirmer, Dept. of the Navy, is attached.
571. Memorandum to Mr. Ron Davis, U.S. EPA, from Mr. David Charters, U.S. EPA, re: Response to the U.S. Navy's Review of EPA's Revised Work Plan, 9/15/00. P. 315395-315398.
572. Report: Watershed Action Plan, Revised Second Edition, prepared by the Elizabeth River Project, 9/8/02. P. 315399-315422. The Elizabeth River Project website is attached.
573. Report: Final Engineering Evaluation/Cost Analysis (EE/CA) for Site 9 & Vicinity, South Gate Annex of the Norfolk Naval Shipyard, prepared by CH2M Hill, 10/02. P. 315423-315484.
574. Report: Final Decision Document Site 9 Impoundment & Calcium Hydroxide Lagoon Vicinity, South Gate Annex of the Norfolk Naval Shipyard, prepared by CH2M Hill, 5/04. P. 315485-315507.
575. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Revised recommended preliminary remediation goals, 8/3/04. P. 315508-315508.
576. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Final Screening Level Ecological Risk Assessment, 11/4/04. P. 315509-315509.
577. Report: Site Reconnaissance Trip Report, prepared by CDM, 2/8/05. P. 315510-315525. A cover letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, is attached.

578. Poindexter Corridor Strategic Development Plan, City of Chesapeake, Economic Development Department, prepared by Urban Design Associates, 3/05. P. 315526-315536.
579. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Draft Remedial Alternative Screening Technical Memorandum for OU2 Groundwater, 3/1/05. P. 315537-315537.
580. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Draft Final Focused Feasibility Study for OU1 Soil and DNAPL, 4/22/05. P. 315538-315538.
581. Letter to Mr. Tom Modena, VADEQ, from Mr. Randy Sturgeon, U.S. EPA, re: Proposed Record of Decision (ROD), 5/6/05. P. 315539-315539.
582. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Review of OU3 Final Site Management Plan, 6/3/05. P. 315540-315540.
583. Packet of Boring Logs, prepared by CDM, 6/25/05. P. 315541-315561. A June 27, 2008, facsimile transmittal memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, is attached.
584. Packet of Boring Logs, prepared by CDM, 7/3/05. P. 315562-315579.
585. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Site update for 7/6/05, 7/7/05. P. 315580-315581.
586. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, Inc., re: Review of Draft Focused Feasibility Study, 8/16/05. P. 315582-315586.
587. Packet of Site Drawings and Maps, 8/18/05. P. 315587-315591. A facsimile transmittal memorandum to Mr. Brian Croft, Tetra Tech, EMI, from Mr. Randy Sturgeon, U.S. EPA, is attached.
588. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Review of OU1 Final Stabilization Treatability Study Report, 8/24/05. P. 315592-315592.

589. Report: Crab Sampling Trip Report, Atlantic Wood Industries, Operable Unit 3, Portsmouth, Virginia, prepared by CDM, 9/05. P. 315593-315611. An October 20, 2005, cover letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, is attached.
590. Memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Michael Palermo, Mike Palermo Consulting, re: Remedial Alternatives, 2/15/06. P. 315612-315617. An electronic transmittal memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Todd Bridges, USACE, is attached.
591. Table 4 - Screening of Remedial Alternatives for OU3 River Sediment, Revision 3, 3/6/06. P. 315618-315623.
592. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Revised draft Feasibility Study for OU2 Groundwater, 3/15/06. P. 315624-315624.
593. Power Point Presentation: Preliminary Remediation Goals and Cleanup Alternatives for Sediment at Elizabeth River Money Pit, prepared by Science Applications International Corporation, 3/23/06. P. 315625-315635.
594. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Review of OU3 Final Site Management Plan for Oyster and Sediment Sampling Event, 6/12/06. P. 315636-315636.
595. Letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: OU3 Crab Sampling Final Site Management Plan Addendum, 7/6/06. P. 315637-315642. The Standard Operating Procedure for the Collection and Laboratory Dissection of Blue Cran Meat and Hepatopancreas for Organic, Inorganic, and Dioxin/Furan Analyses, is attached.
596. Electronic memorandum to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Wyckoff map information, 7/21/06. P. 315643-315651. Site drawings and maps are attached.
597. Map, Areas to cleanup into Columbia Clay, 7/25/06. P. 315652-315653.
598. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, Atlantic Wood Industries, Inc., re: Contaminated sediment in the Southern Branch of Elizabeth River adjacent to Southgate Annex, 7/26/06. P. 315654-315658.

599. Figure 1, Sampling Location Map, 7/28/06. P. 315659-315659.
600. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Review of Draft Human Health Risk Assessment for OU2 Groundwater, 8/8/06. P. 315660-315660.
601. Letter to Mr. Ross Worsham, Atlantic Wood Industries, Inc., from Mr. Randy Sturgeon, U.S. EPA, re: Site scope concerns, 9/1/06. P. 315661-315662.
602. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Review of OUI Revised Draft Final Focused Feasibility Study for Soil and DNAPL, 10/3/06. P. 315663-315663.
603. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Review of Final Feasibility Study for OU2 Groundwater, 10/13/06. P. 315664-315664.
604. Alternatives 1 - 6, Summary of Criteria Analysis for Site-Wide Remedial Alternatives, 11/15/06. P. 315665-315677. Maps are attached.
605. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Review of Final Feasibility Study for OU3 River Sediment, 11/21/06. P. 315678-315678.
606. Letter to Mr. Randy Sturgeon, U.S. EPA, from Ms. Lynne France, CDM, re: Site-wide Remedial Alternatives, 1/16/07. P. 315679-315688. Wyckoff Wetland Construction cost sheet is attached.
607. Letter to Ms. Andrea Wortzel, Hunton & Williams LLP, from Mr. James Cutler, VADEQ, re: Site 15 regulatory status issues, 4/20/07. P. 315698-315890. An April 23, 2007, facsimile transmittal memorandum, to Mr. Randy Sturgeon, U.S. EPA, from Mr. Tom Modena, VADEQ, is attached.
608. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Review of Final Remedial Investigation Report for OU2 Groundwater and OU3 River Sediment, 5/24/07. P. 315691-315691.
609. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Thomas Modena, VADEQ, re: Review of Draft Human Health Risk Assessment for OU3 River Sediment, 5/24/07. P. 315692-315692.

- 610. Letter to File, from Mr. Randy Sturgeon, U.S. EPA, re: Area of Estimated Soil Cleanup Criteria Exceedance, 12/18/07. P. 315693-315698. Related figures attached.
- 611. Hand drawn cross section example of passive groundwater discharge, (undated). P. 315699-315700.
- 612. Powerpoint presentation: Norfolk Harbor and Channels (Deepening), VA, prepared by the USACE, (undated). P. 315701-315706.
- 613. Record of Decision, Operable Units 1, 2, & 3, Atlantic Wood Industries, Inc., Superfund Site, Portsmouth, Virginia, 12/21/07. P. 315707-316069.

IV. REMOVAL RESPONSE PROJECTS

1. Report: Erosion and Sediment Control Plan, prepared by Chester Environmental, 9/94. P. 400001-400019.
2. Report: Health and Safety Plan, Storm Drain Sealing/Lining and Sediment Response Action, Portsmouth, Virginia, prepared by Chester Environmental, 10/94. P. 400020-400131.
3. Report: Response Action Plan, Elm Avenue Storm Drain Portsmouth, Virginia Site, prepared by Chester Environmental, 10/94. P. 400132-400168.
4. Report: Alternatives Screening Document for Sediment Response Action, Portsmouth, Virginia Site, prepared by Chester Environmental, 9/94. P. 400169-400208.
5. Letter to Mr. Jeffrey A. Smigel, Atlantic Wood Industries, from Mr. David J. Iacono, U.S. EPA, re: EPA comments on the Alternative Screening Document for Sediment Response Action and conditional acceptance of the Erosion and Sediment Control Plan, 10/27/94. P. 400209-400214. Comments of the Virginia Superfund Remedial Program on the Sediment Response Action Plan are attached.
6. Report: Sediment Response Action Plan, Portsmouth, Virginia Site, prepared by Chester Environmental, 1/95. P. 400215-400250.
7. Report: Site Activities Report/Response Action Plan for Elm Avenue Storm Drain, prepared by Groundwater Technology, Inc., 4/95. P. 400251-400343.
8. Administrative Order by Consent for Removal Response Action, in the matter of: Atlantic Wood Industries, Inc., Docket No. 03-2003-0004-DC, 12/20/02. P. 400344-400370.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/IMAGERY

1. Final Community Relations Plan, Atlantic Wood Industries Site, Portsmouth, Virginia, 2/18/88. P. 500001-500026.
2. U.S. EPA Quick Reference Fact Sheet: Superfund Technical Assistance Grants, 9/93. P. 500027-500032.
3. Letter to Mr. Chuck Anderson, Chesapeake Public Library, from Ms. Lisa M. Brown, U.S. EPA, re: Information on the Technical Assistance Grants, 2/10/95. P. 500033-500033.
4. Letter to Mr. Dean Burgess, Portsmouth Municipal Library, from Ms. Lisa M. Brown, U.S. EPA, re: Information on the Technical Assistance Grants, 2/10/95. P. 500034-500034.
5. Letter to Mr. Jerry Drye, Kirn Memorial Library, from Ms. Lisa M. Brown, U.S. EPA, re: Information on the Technical Assistance Grants, 2/10/95. P. 500035-500035.
6. EPA Public Information Sheet, re: Establishment of an (800) number for information on Superfund sites, (undated). P. 500036-500036.
7. U.S. EPA Public Notice, re: The availability of the Administrative Record, The Virginian-Pilot and The Ledger Star, 2/5/95. P. 500037-500037.
8. U.S. EPA Fact Sheet, re: Removal action to begin at the site, 3/95. P. 500038-500041.
9. U.S. EPA Fact Sheet, re: EPA's release of the Proposed Plan for the Atlantic Wood Industries, Inc. Site, 6/95. P. 500042-500047.
10. Transcript of public meeting, Atlantic Wood Industries, Inc. Site, 6/27/95. P. 500048-500110.
11. U.S. EPA Public Notice, re: EPA extension of the comment period for the site, The Virginian-Pilot and The Ledger Star, 7/12/95. P. 500111-500111.
12. Public Notice, Atlantic Wood Industries, Inc. Site, re: The Elizabeth River Project - The Comparative Risk Program, 11/19/93. P. 500112-500117.

13. U.S. EPA Fact Sheet: Atlantic Wood Industries Superfund Site Update, Portsmouth, Virginia, entitled, "EPA Selects Cleanup Plan & Cleanup Actions," 12/95. P. 500118-500119.
14. Newspaper article entitled, "Cleanup operations halted," Richmond Times-Dispatch, 1/4/96. P. 500120-500123. A January 4, 1996, newspaper article entitled, "Funds OK'd for Elizabeth River cleanup study," Richmond Times-Dispatch, and a January 3, 1996, newspaper article entitled, "Army Corps of Engineers wins OK for river study," The Virginian-Pilot, are attached.
15. Newspaper article entitled, "Elizabeth Cleanup Starts Here; engineers, scientists prepare ambitious plan to remove dangerous chemical pollutants," The Virginian-Pilot, 2/22/99. P. 500124-500125.
16. Public Health Statement Creosote, prepared by the Agency for Toxic Substances and Disease Registry (ATSDR), 9/02. P. 500126-500136.
17. Article entitled, "Proper Tie Disposal and Reuse Practices Hinge on Cradle-to-Grave Approach," prepared by Crossties, 7/04-8/04. P. 500137-500138.
18. Newspaper article entitled, "Company Seeking to Build Trash Port is Trying New Type of Venture," prepared by The Virginian Pilot, 10/9/06. P. 500139-500144. An electronic transmittal memorandum to Mr. Randy Sturgeon, U.S. EPA, from Mr. Ross Worsham, AWI, is attached.
19. Electronic memorandum to Walter Priest, NOAA, Ana Pomales, U.S. EPA, et. al, from Mr. Larry Johnson, U.S. EPA, re: Atlantic Wood Proposed Plan Print Media Release, 7/10/07. P. 500125-500148. A fact sheet and paid advertisement are attached.
20. Letter to Ms. Andrea Wortzel, Hunton & Williams, from Ms. Suzanne Parent, U.S. EPA, re: Request for Extension of Public Comment Period and Request for Meeting with EPA, 7/18/07. P. 500149-500151.
21. Transcript of public meeting, Atlantic Wood Industries, Inc. Site, 7/24/07. P. 500152-500214. An August 22, 2007 cover letter to Mr. Lawrence Johnson, U.S. EPA, from Ms. Danielle Bailey, Chenega Integrated Systems, LLC, is attached.

22. Powerpoint presentation, "Proposed Plan Presentation Meeting," 7/24/07. P. 500215-500225.
23. Powerpoint presentation, "Proposed Plan Presentation Meeting," 8/21/07. P. 500226-500236.
24. Transcript of public meeting, Atlantic Wood Industries, Inc. Site, 8/21/07. P. 500237-500326. A September 17, 2007 cover letter to Mr. Lawrence Johnson, U.S. EPA, from Ms. Danielle Bailey, Chenega Integrated Systems, LLC, is attached.
25. Electronic memorandum to Mr. Dwight Dixon, from Mr. Randy Sturgeon, U.S. EPA, re: Extension to public comment period, 8/24/07. P. 500327-500328.
26. Powerpoint presentation, "Mummichog Liver Pathology: A Bioindicator of Environmental Quality," prepared by The College of William and Mary Department of Aquatic Animal Health, 1998 & 2001. P. 500329-500331.
27. Powerpoint presentation, "Atlantic Wood Update", 4/28/05. P. 500332-500335.
28. Powerpoint presentation, "Atlantic Wood Industries Superfund Site Status Update", 12/6/05. P. 500336-500346.
29. Powerpoint presentation, "Atlantic Wood Industries Superfund Site Status Update", 3/23/06. P. 500347-500357.
30. Powerpoint presentation, "Atlantic Wood Industries Superfund Site Status Update for the Navy", 3/29/06. P. 500358-500365.
31. Public notice, "U.S. EPA Proposed Plan to Clean Up the Atlantic Wood Superfund Site in Portsmouth, Virginia," The Virginian-Pilot, 7/11/07. P. 500366-500366.
32. Newspaper article entitled, "Atlantic Wood Cleanup May Cost \$45 Million," The Virginian-Pilot, 7/24/07. P. 500367-500368.
33. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Dwight Dixon, re: 3975 Elm Avenue and adjoining property, 11/20/06. P. 500368-500368. Envelope attached.
34. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Dwight Dixon, re: 3975 Elm Avenue and adjoining property, 11/24/06. P. 500369-500372. Exhibit A and an envelope are attached.

35. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. Dwight Dixon, re: Wicks with wet wells for 3975 Elm Avenue and adjoining property, 11/28/06. P. 500373-500374. A drawing and an envelope are attached.
36. Letter to Mr. Randy Sturgeon, U.S. EPA, from Mr. John Rowe, City of Portsmouth, re: Site remediation issues, 12/28/06. P. 500375-500377. An envelope is attached.

BIBLIOGRAPHY OF SITE SPECIFIC GUIDANCE DOCUMENTS

1. Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA, prepared by OSWER/OERR, 10/1/88.
OSWER 9355.3-01